

Free radicals and antioxidants in normal physiological f

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Citation Report

#	ARTICLE	IF	CITATIONS
2	Human Polymorphic Variants of the NEIL1 DNA Glycosylase. <i>Journal of Biological Chemistry</i> , 2007, 282, 15790-15798.	1.6	70
3	Evolutionary novelties: the making and breaking of pleiotropic constraints. <i>Integrative and Comparative Biology</i> , 2007, 47, 409-419.	0.9	50
4	Protein restriction in lactation confers nephroprotective effects in the male rat and is associated with increased antioxidant expression. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007, 293, R1259-R1266.	0.9	39
5	Interactive Endogenous Small Molecule (Gaseous) Signaling: Implications for Teratogenesis. <i>Current Pharmaceutical Design</i> , 2007, 13, 2952-2978.	0.9	24
6	Reactive oxygen species and the regulation of renal Na ⁺ -K ⁺ -ATPase in opossum kidney cells. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007, 293, R1764-R1770.	0.9	23
7	Localization of AMP kinase is regulated by stress, cell density, and signaling through the MEK ⁺ ERK1/2 pathway. <i>American Journal of Physiology - Cell Physiology</i> , 2007, 293, C1427-C1436.	2.1	126
8	The application of adsorbent bentonite in oxidative stress induced by paraquat. <i>Acta Veterinaria</i> , 2007, 57, 329-340.	0.2	3
9	Suppression of ultrafast supercontinuum generation in a salivary protein. <i>Journal of Biomedical Optics</i> , 2007, 12, 020510.	1.4	18
11	Therapeutic Use of Antioxidants in Sepsis. <i>Recent Patents on Endocrine, Metabolic & Immune Drug Discovery</i> , 2007, 1, 210-223.	0.7	2
12	Metal-enhanced superoxide generation: A consequence of plasmon-enhanced triplet yields. <i>Applied Physics Letters</i> , 2007, 91, 023114.	1.5	15
13	Reactive Oxygen Species, Isotope Effect, Essential Nutrients, and Enhanced Longevity. <i>Rejuvenation Research</i> , 2007, 10, 47-60.	0.9	73
14	Suppression of white light generation (supercontinuum) in biological media: a pilot study using human salivary proteins. , 2007, , .		0
15	Autoantibody against peroxiredoxin I, an antioxidant enzyme, in patients with systemic sclerosis: possible association with oxidative stress. <i>Rheumatology</i> , 2007, 46, 790-795.	0.9	37
16	Non-esterified fatty acids and human lymphocyte death: a mechanism that involves calcium release and oxidative stress. <i>Journal of Endocrinology</i> , 2007, 195, 133-143.	1.2	17
17	Dehydration, deamination and enzymatic repair of cytosine glycols from oxidized poly(dG-dC) and poly(dI-dC). <i>Nucleic Acids Research</i> , 2007, 36, 284-293.	6.5	30
18	Differential Effects of an Anti-Oxidant Intervention on Cardiomyocyte Expression of Adrenomedullin and Intermedin and their Receptor Components in Chronic Nitric Oxide Deficiency. <i>Cellular Physiology and Biochemistry</i> , 2007, 20, 269-282.	1.1	24
19	A Study of Protein Secondary Structure Hydrogen Bonds under Oxidizing Conditions. , 2007, , .		0
20	Differential Inhibition by Oxygen Radicals of Vasoactive Amines-Induced Contractions in the Porcine Coronary Artery. <i>Biological and Pharmaceutical Bulletin</i> , 2007, 30, 1242-1245.	0.6	2

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21	Antioxidant Small Phenolic Ingredients in <i>Inonotus obliquus</i> (persoon) Pilat (Chaga). <i>Chemical and Pharmaceutical Bulletin</i> , 2007, 55, 1222-1226.	0.6	117
22	Electron Spin Resonance Analysis of Superoxide Anion Radical Scavenging Activity with Spin Trapping Agent, Diphenyl-PMPO. <i>Analytical Sciences</i> , 2007, 23, 1233-1235.	0.8	11
23	Mechanisms by which fatty acids regulate leucocyte function. <i>Clinical Science</i> , 2007, 113, 65-77.	1.8	64
24	Almond Consumption Reduces Oxidative DNA Damage and Lipid Peroxidation in Male Smokers, . <i>Journal of Nutrition</i> , 2007, 137, 2717-2722.	1.3	95
26	Matter in strong fields: from molecules to living cells. <i>Journal of Physics: Conference Series</i> , 2007, 88, 012048.	0.3	0
27	Markers of oxidative stress in ICU clinical settings: present and future. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2007, 10, 712-717.	1.3	80
28	Fostering antioxidant defences: up-regulation of antioxidant genes or antioxidant supplementation?. <i>British Journal of Nutrition</i> , 2007, 98, S36-S40.	1.2	36
29	The Effect of Partial Bladder Outlet Obstruction on Carbonyl and Nitrotyrosine Distribution in Rabbit Bladder. <i>Urology</i> , 2007, 70, 1249-1253.	0.5	42
30	Protective effects of <i>Hibiscus tiliaceus</i> L. methanolic extract to V79 cells against cytotoxicity and genotoxicity induced by hydrogen peroxide and tert-butyl-hydroperoxide. <i>Toxicology in Vitro</i> , 2007, 21, 1442-1452.	1.1	26
31	Nitric Oxide Regulation of Microvascular Oxygen. <i>Antioxidants and Redox Signaling</i> , 2007, 9, 829-843.	2.5	27
32	Oxidative stress reduces transintestinal transports and (Na ⁺ , K ⁺)-ATPase activity in rat jejunum. <i>Archives of Biochemistry and Biophysics</i> , 2007, 466, 300-307.	1.4	9
33	Mixed lineage kinase 3 connects reactive oxygen species to c-Jun NH2-terminal kinase-induced mitochondrial apoptosis in genipin-treated PC3 human prostate cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2007, 362, 307-312.	1.0	66
34	Advanced glycation endproduct induces ROS accumulation, apoptosis, MAP kinase activation and nuclear O-GlcNAcylation in human cardiac myocytes. <i>Life Sciences</i> , 2007, 80, 1051-1056.	2.0	89
35	The central role of glutathione in the pathophysiology of human diseases. <i>Archives of Physiology and Biochemistry</i> , 2007, 113, 234-258.	1.0	432
36	A Dinuclear Copper(II) Complex with Adeninate Bridge Ligands and Prominent DNA Cleavage Activity. Structural and Spectroscopic Characterization and Magnetic Properties. <i>Inorganic Chemistry</i> , 2007, 46, 7178-7188.	1.9	65
37	In Vivo Oxidative Damage in Rats Is Associated with Barbiturate Response but Not Other Cytochrome P450 Inducers. <i>Molecular Pharmacology</i> , 2007, 72, 1419-1424.	1.0	49
38	DNA damage, cellular senescence and organismal ageing: causal or correlative?. <i>Nucleic Acids Research</i> , 2007, 35, 7417-7428.	6.5	374
39	Increased expression of mitochondrial glycerophosphate dehydrogenase and antioxidant enzymes in prostate cancer cell lines/cancer. <i>Free Radical Research</i> , 2007, 41, 1116-1124.	1.5	31

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40	Serotonin modulates the oxidative burst of human phagocytes via various mechanisms. <i>Platelets</i> , 2007, 18, 583-590.	1.1	26
41	Coordination abilities of β -synuclein fragments modified in the 30th (A30P) and 53rd (A53T) positions and products of metal-catalyzed oxidation. <i>Dalton Transactions</i> , 2007, , 4197.	1.6	6
42	Cocoa-Enriched Diet Enhances Antioxidant Enzyme Activity and Modulates Lymphocyte Composition in Thymus from Young Rats. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 6431-6438.	2.4	72
43	Reducing Power of Simple Polyphenols by Electron-Transfer Reactions Using a New Stable Radical of the PTM Series, Tris(2,3,5,6-tetrachloro-4-nitrophenyl)methyl Radical. <i>Journal of Organic Chemistry</i> , 2007, 72, 3750-3756.	1.7	26
44	Changes in antioxidant enzymes in humans with long-term exposure to pesticides. <i>Toxicology Letters</i> , 2007, 171, 146-153.	0.4	163
45	Anti-oxidant strategies. <i>Seminars in Fetal and Neonatal Medicine</i> , 2007, 12, 287-295.	1.1	110
46	Identification of Antioxidants in Essential Oil of <i>Radix Angelicae Sinensis</i> Using HPLC Coupled with DAD-MS and ABTS-Based Assay. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 3358-3362.	2.4	68
47	Rheumatoid Arthritis: The Role of Reactive Oxygen Species in Disease Development and Therapeutic Strategies. <i>Antioxidants and Redox Signaling</i> , 2007, 9, 1541-1568.	2.5	114
48	Activation and inactivation of the volume-sensitive taurine leak pathway in NIH3T3 fibroblasts and Ehrlich Lettre ascites cells. <i>American Journal of Physiology - Cell Physiology</i> , 2007, 293, C390-C400.	2.1	20
49	Chronic inflammation and oxidative stress in human carcinogenesis. <i>International Journal of Cancer</i> , 2007, 121, 2381-2386.	2.3	809
50	Catechin as an antioxidant in liver mitochondrial toxicity: Inhibition of tamoxifen-induced protein oxidation and lipid peroxidation. <i>Journal of Biochemical and Molecular Toxicology</i> , 2007, 21, 110-117.	1.4	48
51	β -sitosterol decreases irradiation-induced thymocyte early damage by regulation of the intracellular redox balance and maintenance of mitochondrial membrane stability. <i>Journal of Cellular Biochemistry</i> , 2007, 102, 748-758.	1.2	28
52	Integrated activation of MAP3Ks balances cell fate in response to stress. <i>Journal of Cellular Biochemistry</i> , 2007, 102, 848-858.	1.2	53
53	Olive oil and oxidative stress. <i>Molecular Nutrition and Food Research</i> , 2007, 51, 1215-1224.	1.5	106
54	Oxidant-induced atrogen-1 and transforming growth factor- β 1 precede alcohol-related myopathy in rats. <i>Muscle and Nerve</i> , 2007, 36, 842-848.	1.0	50
55	Preventive effect of naringin on isoproterenol-induced cardiotoxicity in Wistar rats: an in vivo and in vitro study. <i>Toxicology</i> , 2007, 232, 216-225.	2.0	117
56	Electron paramagnetic study on radical scavenging properties of ceria nanoparticles. <i>Chemical Physics Letters</i> , 2007, 442, 405-408.	1.2	84
57	Determination of the modified χ -affinity index TM of small ligands and macromolecular receptors from NMR spin-lattice relaxation data. <i>Chemical Physics Letters</i> , 2007, 447, 147-153.	1.2	7

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58	Design and synthesis of manganese porphyrins with tailored lipophilicity: Investigation of redox properties and superoxide dismutase activity. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 7066-7086.	1.4	100
59	Automatic flow system for sequential determination of ABTS+ scavenging capacity and Folin-Ciocalteu index: A comparative study in food products. <i>Analytica Chimica Acta</i> , 2007, 592, 193-201.	2.6	23
60	The oxidative stress adaptor p66Shc is required for permanent embryo arrest in vitro. <i>BMC Developmental Biology</i> , 2007, 7, 132.	2.1	50
61	Diabetes associated cell stress and dysfunction: role of mitochondrial and non-mitochondrial ROS production and activity. <i>Journal of Physiology</i> , 2007, 583, 9-24.	1.3	530
62	The mitochondrion as Janus Bifrons. <i>Biochemistry (Moscow)</i> , 2007, 72, 1115-1126.	0.7	47
63	Hydrogen peroxide: a metabolic by-product or a common mediator of ageing signals?. <i>Nature Reviews Molecular Cell Biology</i> , 2007, 8, 722-728.	16.1	1,247
64	Enhanced markers of oxidative stress, altered antioxidants and NADPH oxidase activation in brains from Fragile X mental retardation deficient mice, a pathological model for Fragile X syndrome. <i>European Journal of Neuroscience</i> , 2007, 26, 3169-3180.	1.2	69
65	The importance of polymerization and galloylation for the antiproliferative properties of procyanidin rich natural extracts. <i>FEBS Journal</i> , 2007, 274, 4802-4811.	2.2	89
66	Superoxide radical scavenging effects from polymorphonuclear leukocytes and toxicity in human cell lines of newly synthesized organic selenium compounds. <i>FEBS Journal</i> , 2007, 274, 6046-6054.	2.2	25
67	Hypoxia alters the adhesive properties of lymphatic endothelial cells. A transcriptional and functional study. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2007, 1773, 880-890.	1.9	49
68	Neuroprotective effect of STAZN, a novel azulenyl nitron antioxidant, in focal cerebral ischemia in rats: Dose response and therapeutic window. <i>Brain Research</i> , 2007, 1180, 101-110.	1.1	14
69	Role of soluble guanylate cyclase in the trigeminal subnucleus caudalis in capsaicin-induced muscle hypersensitivity. <i>Brain Research</i> , 2007, 1184, 141-148.	1.1	19
70	Oxidative stress modulation and T cell activation. <i>Experimental Gerontology</i> , 2007, 42, 852-858.	1.2	88
71	Heavy isotopes to avert ageing?. <i>Trends in Biotechnology</i> , 2007, 25, 371-375.	4.9	6
72	Overexpression of thioredoxin reductase 1 inhibits migration of HEK293 cells. <i>Biology of the Cell</i> , 2007, 99, 677-687.	0.7	30
73	Diabetes, metallothionein, and zinc interactions: A review. <i>BioFactors</i> , 2007, 29, 203-212.	2.6	51
74	Shortage of Lipid-radical Cycles in Membranes as a Possible Prime Cause of Energetic Failure in Aging and Alzheimer Disease. <i>Neurochemical Research</i> , 2007, 32, 1278-1291.	1.6	13
75	The long physiological reach of the yeast vacuolar H ⁺ -ATPase. <i>Journal of Bioenergetics and Biomembranes</i> , 2007, 39, 415-421.	1.0	93

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76	Strategies for comprehensive analysis of amino acid biomarkers of oxidative stress. <i>Amino Acids</i> , 2007, 33, 3-18.	1.2	17
77	ASK Family Proteins in Stress Response and Disease. <i>Molecular Biotechnology</i> , 2007, 37, 13-18.	1.3	53
78	Plasma Protein Carbonyl and Thiol Stress Before and After Laparoscopic Gastric Banding in Morbidly Obese Patients. <i>Obesity Surgery</i> , 2007, 17, 1367-1373.	1.1	58
79	Methodological aspects about in vitro evaluation of antioxidant properties. <i>Analytica Chimica Acta</i> , 2008, 613, 1-19.	2.6	558
80	Phosphene phenomenon: A new concept. <i>BioSystems</i> , 2008, 92, 168-174.	0.9	46
81	Platinum nanoparticles have an activity similar to mitochondrial NADH:ubiquinone oxidoreductase. <i>Colloids and Surfaces B: Biointerfaces</i> , 2008, 66, 195-200.	2.5	79
82	Neurodegeneration and chronic renal failure in methylmalonic aciduriaâ€”A pathophysiological approach. <i>Journal of Inherited Metabolic Disease</i> , 2008, 31, 35-43.	1.7	116
83	Time Course of Peripheral Oxidative Stress as Consequence of Global Ischaemic Brain Injury in Rats. <i>Cellular and Molecular Neurobiology</i> , 2008, 28, 431-441.	1.7	18
84	Metabolic and Structural Role of Thiamine in Nervous Tissues. <i>Cellular and Molecular Neurobiology</i> , 2008, 28, 923-931.	1.7	85
85	Effects of tamoxifen on myocardial ischemia-reperfusion injury model in ovariectomized rats. <i>Molecular and Cellular Biochemistry</i> , 2008, 308, 227-235.	1.4	32
86	Transient and sustained oxidative stress differentially activate the JNK1/2 pathway and apoptotic phenotype in H9c2 cells. <i>Molecular and Cellular Biochemistry</i> , 2008, 309, 177-189.	1.4	12
87	Na ⁺ /H ⁺ exchange inhibition with cariporide prevents alterations of coronary endothelial function in streptozotocin-induced diabetes. <i>Molecular and Cellular Biochemistry</i> , 2008, 310, 93-102.	1.4	22
88	Epstein-Barr virus induces an oxidative stress during the early stages of infection in B lymphocytes, epithelial, and lymphoblastoid cell lines. <i>Molecular and Cellular Biochemistry</i> , 2008, 313, 179-186.	1.4	78
89	Effect of Chronic N-Acetyl Cysteine Administration on Oxidative Status in the Presence and Absence of Induced Oxidative Stress in Rat Striatum. <i>Neurochemical Research</i> , 2008, 33, 508-517.	1.6	72
90	Vitamin E supplementation in rats with experimental diabetes mellitus: analysis of myosin-V and nNOS immunoreactive myenteric neurons from terminal ileum. <i>Journal of Molecular Histology</i> , 2008, 39, 595-603.	1.0	28
91	Selenocystine induces apoptosis of A375 human melanoma cells by activating ROS-mediated mitochondrial pathway and p53 phosphorylation. <i>Cellular and Molecular Life Sciences</i> , 2008, 65, 2763-2775.	2.4	158
92	Bone mineral density in post-menopausal female subjects is associated with serum antioxidant carotenoids. <i>Osteoporosis International</i> , 2008, 19, 211-219.	1.3	102
93	Cholinergic and glutamatergic alterations beginning at the early stages of Alzheimer disease: participation of the phospholipase A2 enzyme. <i>Psychopharmacology</i> , 2008, 198, 1-27.	1.5	82

#	ARTICLE	IF	CITATIONS
94	Induction of IL-8 in periodontal ligament cells by H ₂ O ₂ . Journal of Microbiology, 2008, 46, 579-584.	1.3	27
95	Anti-diabetic Effects of Cesium Aqua (N,N-ethylenediamine(salicylideneiminato)-5-sulfonato) Oxovanadium (IV) Dihydrate in Streptozotocin-induced Diabetic Rats. Biological Trace Element Research, 2008, 121, 226-232.	1.9	25
96	Superoxide anion production by neutrophils is associated with prevalent clinical manifestations in systemic lupus erythematosus. Clinical Rheumatology, 2008, 27, 701-708.	1.0	30
98	Promotion of cell death or neurite outgrowth in PC-12 and N2a cells by the fungal alkaloid militarinone A depends on basal expression of p53. Apoptosis: an International Journal on Programmed Cell Death, 2008, 13, 364-376.	2.2	19
100	Prooxidant-antioxidant balance, peroxide and catalase activity in the aqueous humour and serum of patients with exfoliation syndrome or exfoliative glaucoma. Graefes Archive for Clinical and Experimental Ophthalmology, 2008, 246, 1477-1483.	1.0	49
101	Pioglitazone retrieves hepatic antioxidant DNA repair in a mice model of high fat diet. BMC Molecular Biology, 2008, 9, 82.	3.0	40
102	Gene polymorphisms of superoxide dismutases and catalase in diabetes mellitus. BMC Medical Genetics, 2008, 9, 30.	2.1	127
103	Exercise training with dietary counselling increases mitochondrial chaperone expression in middle-aged subjects with impaired glucose tolerance. BMC Endocrine Disorders, 2008, 8, 3.	0.9	16
104	Cytoplasmic signaling in the control of mitochondrial upregulation. Cell Communication and Signaling, 2008, 6, 4.	2.7	10
105	Evaluation of antioxidant and antimicrobial properties of <i>Soymida febrifuga</i> leaf extracts. Phytotherapy Research, 2008, 22, 943-947.	2.8	17
106	Intra-articular depot formulation principles: Role in the management of postoperative pain and arthritic disorders. Journal of Pharmaceutical Sciences, 2008, 97, 4622-4654.	1.6	244
107	Mitigation of radiation-induced skin injury by AAV2-mediated MnSOD gene therapy. Journal of Gene Medicine, 2008, 10, 1012-1018.	1.4	30
108	Direct current electrical fields induce apoptosis in oral mucosa cancer cells by NADPH oxidase-derived reactive oxygen species. Bioelectromagnetics, 2008, 29, 47-54.	0.9	44
109	Metal specificity in DNA damage prevention by sulfur antioxidants. Journal of Inorganic Biochemistry, 2008, 102, 2036-2042.	1.5	56
110	Protective effect of nitronyl nitroxide-amino acid conjugates on liver ischemia-reperfusion induced injury in rats. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 1788-1794.	1.0	24
111	Chitin oligosaccharides inhibit oxidative stress in live cells. Carbohydrate Polymers, 2008, 74, 228-234.	5.1	144
112	Walnut (<i>Juglans regia</i>) leaf extracts are strong scavengers of pro-oxidant reactive species. Food Chemistry, 2008, 106, 1014-1020.	4.2	105
113	Antioxidant activity assays on-line with liquid chromatography. Journal of Chromatography A, 2008, 1210, 121-134.	1.8	163

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114	Diagnostic potential of oxidative stress markers in children and adolescents with type 1 diabetes. <i>Clinical Biochemistry</i> , 2008, 41, 48-55.	0.8	21
115	Evaluation of 8-hydroxydeoxyguanosine, thiobarbituric acid-reactive substances and total antioxidant status as possible disease markers in oesophageal malignancies. <i>Clinical Biochemistry</i> , 2008, 41, 796-803.	0.8	6
116	Preparation and characterisation of a quinone-functionalised polythiophene film on a modified electrode. Application to the potentiometric determination of glutathione and cysteine concentrations. <i>Tetrahedron</i> , 2008, 64, 9619-9624.	1.0	13
117	Haptoglobin, inflammation and disease. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2008, 102, 735-742.	0.7	292
118	The Erythrocyte. , 2008, , 173-240.		31
119	Reactive oxygen species: an Achilles' heel of melanoma?. <i>Expert Review of Anticancer Therapy</i> , 2008, 8, 1751-1757.	1.1	81
120	NAD ⁺ /NADH and NADP ⁺ /NADPH in Cellular Functions and Cell Death: Regulation and Biological Consequences. <i>Antioxidants and Redox Signaling</i> , 2008, 10, 179-206.	2.5	1,222
121	Cigarette smoke effect on total salivary antioxidant capacity, salivary glutathione peroxidase and gamma-glutamyltransferase activity. <i>BioFactors</i> , 2008, 33, 129-136.	2.6	36
122	Molecular Mechanisms and Potential Clinical Significance of S-Glutathionylation. <i>Antioxidants and Redox Signaling</i> , 2008, 10, 445-474.	2.5	275
123	Coordinated Changes of Mitochondrial Biogenesis and Antioxidant Enzymes During Osteogenic Differentiation of Human Mesenchymal Stem Cells. <i>Stem Cells</i> , 2008, 26, 960-968.	1.4	586
124	Effect of partial oxygen pressure on survival, proliferation, and differentiation of mouse bone marrow mesenchymal stem cells. <i>Biochemistry (Moscow) Supplement Series A: Membrane and Cell Biology</i> , 2008, 2, 326-332.	0.3	3
125	The Role of Mitochondria in Reactive Oxygen Species Metabolism and Signaling. <i>Annals of the New York Academy of Sciences</i> , 2008, 1147, 37-52.	1.8	653
126	Efecto protector de ketamina en la lesión isquémica de la médula espinal en conejos. <i>Annals of Vascular Surgery</i> , 2008, 22, 472-479.	0.0	0
127	Melatonin antagonizes the intrinsic pathway of apoptosis via mitochondrial targeting of Bcl-2. <i>Journal of Pineal Research</i> , 2008, 44, 316-325.	3.4	110
128	Antioxidant and Hepatoprotective Effects of <i>Cyathea phalerata</i> Mart. (Cyatheaceae). <i>Basic and Clinical Pharmacology and Toxicology</i> , 2008, 103, 17-24.	1.2	21
129	Estradiol-17 β protects against hypoxia-induced hepatocyte injury through ER-mediated upregulation of Bcl-2 as well as ER-independent antioxidant effects. <i>Cell Research</i> , 2008, 18, 491-499.	5.7	29
130	The problem of the eukaryotic genome size. <i>Biochemistry (Moscow)</i> , 2008, 73, 1519-1552.	0.7	16
131	Genetic disruption of the Nrf2 compromises cell-cycle progression by impairing GSH-induced redox signaling. <i>Oncogene</i> , 2008, 27, 5821-5832.	2.6	125

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132	Intermedin (adrenomedullin ²): a novel counter-regulatory peptide in the cardiovascular and renal systems. <i>British Journal of Pharmacology</i> , 2008, 153, S247-62.	2.7	101
133	Ethanol-induced Malfunction of Neutrophils Respiratory Burst on Patients Suffering From Alcohol Dependence. <i>Alcoholism: Clinical and Experimental Research</i> , 2008, 32, 1708-1713.	1.4	7
134	REACTIVE OXYGEN SPECIES AND GLUCOCORTICOID-INDUCED HYPERTENSION. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2008, 35, 477-482.	0.9	31
135	Propofol reduces nitric oxide-induced apoptosis in testicular ischemia-reperfusion injury by downregulating the expression of inducible nitric oxide synthase. <i>Acta Anaesthesiologica Scandinavica</i> , 2008, 52, 350-357.	0.7	25
136	Comparison of hepatic oxidative DNA damage in patients with chronic hepatitis B and C. <i>Journal of Viral Hepatitis</i> , 2008, 15, 498-507.	1.0	110
137	Clinical Evaluation of Proinflammatory Cytokine Inhibitors (sTNFR I, sTNFR II, IL-1ra), Anti-inflammatory Cytokines (IL-10, IL-13) and Activation of Neutrophils after Burn-induced Inflammation. <i>Scandinavian Journal of Immunology</i> , 2008, 68, 145-152.	1.3	19
138	Ovarian Cancer Cells Modulate Human Blood Neutrophils Response to Activation <i>In Vitro</i> . <i>Scandinavian Journal of Immunology</i> , 2008, 68, 328-336.	1.3	44
139	Astaxanthin: A Novel Potential Treatment for Oxidative Stress and Inflammation in Cardiovascular Disease. <i>American Journal of Cardiology</i> , 2008, 101, S58-S68.	0.7	346
140	Oxidative damage of rat liver induced by ligature-induced periodontitis and chronic ethanol consumption. <i>Archives of Oral Biology</i> , 2008, 53, 1113-1118.	0.8	44
141	Overexpression of human NOX1 complex induces genome instability in mammalian cells. <i>Free Radical Biology and Medicine</i> , 2008, 44, 332-342.	1.3	46
142	Effects of epigallocatechin-3-gallate on mitochondrial integrity and antioxidative enzyme activity in the aging process of human fibroblast. <i>Free Radical Biology and Medicine</i> , 2008, 44, 1032-1041.	1.3	79
143	Silica binding and toxicity in alveolar macrophages. <i>Free Radical Biology and Medicine</i> , 2008, 44, 1246-1258.	1.3	329
144	ROS and p53: A versatile partnership. <i>Free Radical Biology and Medicine</i> , 2008, 44, 1529-1535.	1.3	703
145	Absence of the peroxiredoxin Pmp20 causes peroxisomal protein leakage and necrotic cell death. <i>Free Radical Biology and Medicine</i> , 2008, 45, 1115-1124.	1.3	55
146	Systemic administration of PEP-1-SOD1 fusion protein improves functional recovery by inhibition of neuronal cell death after spinal cord injury. <i>Free Radical Biology and Medicine</i> , 2008, 45, 1190-1200.	1.3	37
147	Bz-423 superoxide signals apoptosis via selective activation of JNK, Bak, and Bax. <i>Free Radical Biology and Medicine</i> , 2008, 45, 1232-1242.	1.3	26
148	Regulation of cellular signals from nutritional molecules: a specific role for phytochemicals, beyond antioxidant activity. <i>Free Radical Biology and Medicine</i> , 2008, 45, 1205-1216.	1.3	200
149	Doxorubicin increases the susceptibility of brain mitochondria to Ca ²⁺ -induced permeability transition and oxidative damage. <i>Free Radical Biology and Medicine</i> , 2008, 45, 1395-1402.	1.3	64

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150	Redox state, cell death and autoimmune diseases: A gender perspective. <i>Autoimmunity Reviews</i> , 2008, 7, 579-584.	2.5	76
151	Insulin neuroprotection against oxidative stress is mediated by Akt and GSK-3 β signaling pathways and changes in protein expression. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2008, 1783, 994-1002.	1.9	122
152	Oxidation-dependent maturation and survival of explanted blood monocytes via Bcl-2 up-regulation. <i>Biochemical Pharmacology</i> , 2008, 76, 1533-1543.	2.0	14
153	Glibenclamide exerts an antitumor activity through reactive oxygen species β c-jun NH(2)-terminal kinase pathway in human gastric cancer cell line MGC-803. <i>Biochemical Pharmacology</i> , 2008, 76, 1705-1715.	2.0	57
154	Neuroglobin protects PC12 cells against oxidative stress. <i>Brain Research</i> , 2008, 1190, 159-166.	1.1	97
155	The neuroprotective effect of ladostigil against hydrogen peroxide-mediated cytotoxicity. <i>Chemico-Biological Interactions</i> , 2008, 175, 318-326.	1.7	34
156	Oxidative DNA damage protection and repair by polyphenolic compounds in PC12 cells. <i>European Journal of Pharmacology</i> , 2008, 601, 50-60.	1.7	99
157	Protective effects of GH and IGF-I against iron-induced lipid peroxidation in vivo. <i>Experimental and Toxicologic Pathology</i> , 2008, 60, 453-458.	2.1	28
158	Repletion of antioxidant status by EGCG and retardation of oxidative damage induced macromolecular anomalies in aged rats. <i>Experimental Gerontology</i> , 2008, 43, 176-183.	1.2	71
159	Chondroitin-4-sulphate inhibits NF- κ B translocation and caspase activation in collagen-induced arthritis in mice. <i>Osteoarthritis and Cartilage</i> , 2008, 16, 1474-1483.	0.6	47
160	Reactive oxygen species and respiratory plasticity following intermittent hypoxia. <i>Respiratory Physiology and Neurobiology</i> , 2008, 164, 263-271.	0.7	68
161	Prevention of atrial fibrillation following cardiac surgery: Basis for a novel therapeutic strategy based on non-hypoxic myocardial preconditioning. , 2008, 118, 104-127.		50
162	DNA double-strand breaks: A potential causative factor for mammalian aging?. <i>Mechanisms of Ageing and Development</i> , 2008, 129, 416-424.	2.2	72
163	The oxidant/antioxidant equilibrium in horses. <i>Veterinary Journal</i> , 2008, 177, 178-191.	0.6	109
164	Consumption of green tea favorably affects oxidative stress markers in weight-trained men. <i>Nutrition</i> , 2008, 24, 433-442.	1.1	124
165	Dietary lipids modify redox homeostasis and steroidogenic status in rat testis. <i>Nutrition</i> , 2008, 24, 717-726.	1.1	24
166	Measurement of Protein Sulfhydryls in Response to Cellular Oxidative Stress Using Gel Electrophoresis and Multiplexed Fluorescent Imaging Analysis. <i>Chemical Research in Toxicology</i> , 2008, 21, 1074-1085.	1.7	6
167	The Effect of Muscle-Damaging Exercise on Blood and Skeletal Muscle Oxidative Stress. <i>Sports Medicine</i> , 2008, 38, 579-606.	3.1	161

#	ARTICLE	IF	CITATIONS
168	Chapter 1 Effect Of Exercise On Oxidative Stress Biomarkers. <i>Advances in Clinical Chemistry</i> , 2008, 46, 1-50.	1.8	117
169	Effect of Ethanolic Extract of <i>Juglans regia</i> L. on Blood Sugar in Diabetes-Induced Rats. <i>Journal of Medicinal Food</i> , 2008, 11, 533-538.	0.8	93
170	The role of antioxidant supplement in immune system, neoplastic, and neurodegenerative disorders: a point of view for an assessment of the risk/benefit profile. <i>Nutrition Journal</i> , 2008, 7, 29.	1.5	104
171	Oxidative stress in psychiatric disorders: evidence base and therapeutic implications. <i>International Journal of Neuropsychopharmacology</i> , 2008, 11, 851-76.	1.0	821
172	Oxidative Stress in Aging. , 2008, , .		14
173	Blood oxidative stress biomarkers: influence of sex, exercise training status, and dietary intake. <i>Gender Medicine</i> , 2008, 5, 218-228.	1.4	129
174	Detection of the Superoxide Radical Anion Using Various Alkanethiol Monolayers and Immobilized Cytochrome <i>c</i> . <i>Analytical Chemistry</i> , 2008, 80, 9622-9629.	3.2	61
175	Oxidative stress and male infertility—a clinical perspective. <i>Human Reproduction Update</i> , 2008, 14, 243-258.	5.2	1,145
176	Oxidants in Biology. , 2008, , .		11
177	Thyroid hormones states and brain development interactions. <i>International Journal of Developmental Neuroscience</i> , 2008, 26, 147-209.	0.7	258
178	Cinnamtannin B-1 as an antioxidant and platelet aggregation inhibitor. <i>Life Sciences</i> , 2008, 82, 977-982.	2.0	27
179	Lidocaine affects the redox environment and the antioxidant enzymatic system causing oxidative stress in the hippocampus and amygdala of adult rats. <i>Life Sciences</i> , 2008, 83, 681-685.	2.0	30
180	Chemical composition and in vitro antioxidative activity of a lemon balm (<i>Melissa officinalis</i> L.) extract. <i>LWT - Food Science and Technology</i> , 2008, 41, 391-400.	2.5	203
181	Glutathione Can Efficiently Prevent Direct Current–induced Cytotoxicity. <i>Journal of Endodontics</i> , 2008, 34, 693-697.	1.4	6
182	Dehydroepiandrosterone modulates antioxidant enzymes and Akt signaling in healthy Wistar rat hearts. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2008, 112, 138-144.	1.2	33
183	The Protective Effect of Erythropoietin on Renal Injury Induced by Abdominal Aortic-Ischemia-Reperfusion in Rats. <i>Journal of Surgical Research</i> , 2008, 149, 206-213.	0.8	43
184	Evaluation of wound healing properties of <i>Arrabidaea chica</i> Verlot extract. <i>Journal of Ethnopharmacology</i> , 2008, 118, 361-366.	2.0	115
185	Inactivation of the SMN Complex by Oxidative Stress. <i>Molecular Cell</i> , 2008, 31, 244-254.	4.5	65

#	ARTICLE	IF	CITATIONS
186	APE/Ref-1 makes fine-tuning of CD40-induced B cell proliferation. <i>Molecular Immunology</i> , 2008, 45, 3731-3739.	1.0	11
187	Genotoxicity of aminohydroxynaphthoquinones in bacteria, yeast, and Chinese hamster lung fibroblast cells. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2008, 650, 140-149.	0.9	7
188	Evaluation of valuable nutrients in selected genotypes of marula (<i>Sclerocarya birrea</i> ssp. <i>caffra</i>). <i>Scientia Horticulturae</i> , 2008, 117, 321-328.	1.7	32
189	Oxidative stress in the spinal cord is an important contributor in capsaicin-induced mechanical secondary hyperalgesia in mice. <i>Pain</i> , 2008, 138, 514-524.	2.0	145
190	Antihypertensive mechanism of the dipeptide Val-Tyr in rat aorta. <i>Peptides</i> , 2008, 29, 261-267.	1.2	26
191	Resveratrol modulates innate and inflammatory responses in fish leucocytes. <i>Veterinary Immunology and Immunopathology</i> , 2008, 126, 9-19.	0.5	39
192	Nitric oxide (NO) increase at fertilization in sea urchin eggs upregulates fertilization envelope hardening. <i>Developmental Biology</i> , 2008, 322, 251-262.	0.9	10
193	Scavenging of DPPH free radicals by polypyrrole powders of varying levels of overoxidation and/or reduction. <i>Synthetic Metals</i> , 2008, 158, 946-952.	2.1	56
194	Biosensing approach for glutathione detection using glutathione reductase and sulfhydryl oxidase bienzymatic system. <i>Talanta</i> , 2008, 74, 1492-1497.	2.9	57
195	Protective effect of antioxidants against sarcoplasmic reticulum (SR) oxidation by Fenton reaction, however without prevention of Ca-pump activity. <i>Toxicology in Vitro</i> , 2008, 22, 1726-1733.	1.1	15
196	Development of Oxidative Stress by Cytochrome P450 Induction in Rodents Is Selective for Barbiturates and Related to Loss of Pyridine Nucleotide-dependent Protective Systems. <i>Journal of Biological Chemistry</i> , 2008, 283, 17147-17157.	1.6	75
197	Increased levels of autoantibodies against catalase and superoxide dismutase associated with oxidative stress in patients with rheumatoid arthritis and systemic lupus erythematosus. <i>Scandinavian Journal of Rheumatology</i> , 2008, 37, 103-108.	0.6	101
198	Chronic insulin treatment causes insulin resistance in 3T3-L1 adipocytes through oxidative stress. <i>Free Radical Research</i> , 2008, 42, 582-591.	1.5	36
199	Human health effects of air pollution. <i>Environmental Pollution</i> , 2008, 151, 362-367.	3.7	3,146
200	Protective effects of Pycnogenol® on carbon tetrachloride-induced hepatotoxicity in Sprague-Dawley rats. <i>Food and Chemical Toxicology</i> , 2008, 46, 380-387.	1.8	103
201	Total phenols, antioxidant potential and antimicrobial activity of walnut (<i>Juglans regia</i> L.) green husks. <i>Food and Chemical Toxicology</i> , 2008, 46, 2326-2331.	1.8	353
202	Potential in vitro antioxidant and protective effects of <i>Soymida febrifuga</i> on ethanol induced oxidative damage in HepG2 cells. <i>Food and Chemical Toxicology</i> , 2008, 46, 3429-3442.	1.8	21
203	Emerging potential of thioredoxin and thioredoxin interacting proteins in various disease conditions. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2008, 1780, 1368-1382.	1.1	95

#	ARTICLE	IF	CITATIONS
204	Redox imbalance in Parkinson's disease. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2008, 1780, 1362-1367.	1.1	232
205	Evidence that oxidative stress is linked to anxiety-related behaviour in mice. <i>Brain, Behavior, and Immunity</i> , 2008, 22, 1156-1159.	2.0	163
206	Applicability of new spin trap agent, 2-diphenylphosphinoyl-2-methyl-3,4-dihydro-2H-pyrrole N-oxide, in biological system. <i>Biochemical and Biophysical Research Communications</i> , 2008, 370, 93-97.	1.0	8
207	Reactive oxygen species generated by thiol-modifying phenylarsine oxide stimulate the expression of protein l-isoaspartyl methyltransferase. <i>Biochemical and Biophysical Research Communications</i> , 2008, 371, 203-208.	1.0	14
208	Indian medicinal herbs as sources of antioxidants. <i>Food Research International</i> , 2008, 41, 1-15.	2.9	301
209	Redox regulation of cellular stress response by ferulic acid ethyl ester in human dermal fibroblasts: role of vitagenes. <i>Clinics in Dermatology</i> , 2008, 26, 358-363.	0.8	90
210	Free Radicals and Antioxidants in Inflammatory Processes and Ischemia-Reperfusion Injury. <i>Veterinary Clinics of North America - Small Animal Practice</i> , 2008, 38, 31-123.	0.5	40
211	Anti-Oxidative Constituents of Ethanol Extract from Buckwheat Seeds by HPLC-Electro-Spray MS. <i>Agricultural Sciences in China</i> , 2008, 7, 356-362.	0.6	8
212	Rosuvastatin protects against oxidative stress and DNA damage in vitro via upregulation of glutathione synthesis. <i>Atherosclerosis</i> , 2008, 199, 278-287.	0.4	64
213	Evaluation of <i>Azadirachta indica</i> leaf fractions for in vitro antioxidant potential and in vivo modulation of biomarkers of chemoprevention in the hamster buccal pouch carcinogenesis model. <i>Food and Chemical Toxicology</i> , 2008, 46, 2332-2343.	1.8	71
214	In Vitro and in Vivo Antioxidant and Anti-inflammatory Capacities of an Antioxidant-Rich Fruit and Berry Juice Blend. Results of a Pilot and Randomized, Double-Blinded, Placebo-Controlled, Crossover Study. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 8326-8333.	2.4	194
215	Electrochemical parameters and techniques in drug development, with an emphasis on quinones and related compounds. <i>Chemical Communications</i> , 2008, , 2612.	2.2	181
216	Component Analysis and Free Radicals Scavenging Activity of <i>Physalis alkekengi</i> L. Polysaccharide. <i>Chemical Research in Chinese Universities</i> , 2008, 24, 167-170.	1.3	5
217	Hydrogen peroxide induces the production of tumor necrosis factor- α in RAW 264.7 macrophage cells via activation of p38 and stress-activated protein kinase. <i>Innate Immunity</i> , 2008, 14, 190-196.	1.1	52
218	Protective Effect of Ketamine on Ischemic Spinal Cord Injury in Rabbits. <i>Annals of Vascular Surgery</i> , 2008, 22, 432-439.	0.4	16
219	Effet protecteur de la kÃ©tamine sur les lÃ©sions ischÃ©miques de la moelle Ã©piniÃ©re chez le lapin. <i>Annales De Chirurgie Vasculaire</i> , 2008, 22, 468-475.	0.0	0
220	Blood Parameters in Adults with Intellectual Disability at Rest and After Endurance Exercise. <i>Research in Sports Medicine</i> , 2008, 16, 272-280.	0.7	1
221	Highly stable dendritic trityl radicals as oxygen and pH probe. <i>Chemical Communications</i> , 2008, , 4336.	2.2	45

#	ARTICLE	IF	CITATIONS
222	Black tea polyphenols modulate xenobiotic-metabolizing enzymes, oxidative stress and adduct formation in a rat hepatocarcinogenesis model. <i>Free Radical Research</i> , 2008, 42, 873-884.	1.5	22
223	Redox Regulation of Cell Survival. <i>Antioxidants and Redox Signaling</i> , 2008, 10, 1343-1374.	2.5	1,464
224	Identification and Quantification of Free Radical Scavengers in Pu-erh Tea by HPLC-DAD-MS Coupled Online with 2,2-Åzinobis(3-ethylbenzthiazolinesulfonic acid) Diammonium Salt Assay. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 11187-11191.	2.4	40
225	Targeting the Lysosome: Fluorescent Iron(III) Chelators To Selectively Monitor Endosomal/Lysosomal Labile Iron Pools. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 4539-4552.	2.9	111
226	Monodictyochromes A and B, Dimeric Xanthone Derivatives from the Marine Algicolous Fungus <i>Monodictys putredinis</i> . <i>Journal of Natural Products</i> , 2008, 71, 1793-1799.	1.5	42
227	L-cysteine encapsulation in liposomes: Effect of phospholipids nature on entrapment efficiency and stability. <i>Journal of Microencapsulation</i> , 2008, 25, 399-413.	1.2	17
228	Protection of Human HepG2 Cells against Oxidative Stress by Cocoa Phenolic Extract. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 7765-7772.	2.4	102
229	The Role of Reactive Oxygen Species in Integrin and Matrix Metalloproteinase Expression and Function. <i>Connective Tissue Research</i> , 2008, 49, 197-202.	1.1	103
230	Involvement of glutathione transferases, Gtt1 and Gtt2, with oxidative stress response generated by H ₂ O ₂ during growth of <i>Saccharomyces cerevisiae</i> . <i>Redox Report</i> , 2008, 13, 246-254.	1.4	28
231	Effects of an oral superoxide dismutase enzyme supplementation on indices of oxidative stress, proviral load, and CD4:CD8 ratios in asymptomatic FIV-infected cats. <i>Journal of Feline Medicine and Surgery</i> , 2008, 10, 423-430.	0.6	16
232	Highly Galloylated Tannin Fractions from Witch Hazel (<i>Hamamelis virginiana</i>) Bark: Electron Transfer Capacity, In Vitro Antioxidant Activity, and Effects on Skin-Related Cells. <i>Chemical Research in Toxicology</i> , 2008, 21, 696-704.	1.7	62
233	Witch Hazel (<i>Hamamelis virginiana</i>) Fractions and the Importance of Gallate Moieties' Electron Transfer Capacities in Their Antitumoral Properties. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 11675-11682.	2.4	38
234	Effects of exposure to 50 Hz electric field at different strengths on oxidative stress and antioxidant enzyme activities in the brain tissue of guinea pigs. <i>International Journal of Radiation Biology</i> , 2008, 84, 581-590.	1.0	16
235	Maternal diet influences DNA damage, aortic telomere length, oxidative stress, and antioxidant defense capacity in rats. <i>FASEB Journal</i> , 2008, 22, 2037-2044.	0.2	132
236	Leukocyte Antigen-related Protein Tyrosine Phosphatase Negatively Regulates Hydrogen Peroxide-induced Vascular Smooth Muscle Cell Apoptosis. <i>Journal of Biological Chemistry</i> , 2008, 283, 34260-34272.	1.6	15
237	Khat (<i>Catha edulis</i>) Induces Reactive Oxygen Species and Apoptosis in Normal Human Oral Keratinocytes and Fibroblasts. <i>Toxicological Sciences</i> , 2008, 103, 311-324.	1.4	33
238	Influence of Atenolol and Nifedipine on Nitric-Oxide Deficient Cardiomyocyte Hypertrophy and Expression of the Cardio-Endocrine Peptide Intermedin and its Receptor Components. <i>Cellular Physiology and Biochemistry</i> , 2008, 21, 203-214.	1.1	12
239	Inhibition of Tumor Growth by Endohedral Metallofullerenol Nanoparticles Optimized as Reactive Oxygen Species Scavenger. <i>Molecular Pharmacology</i> , 2008, 74, 1132-1140.	1.0	117

#	ARTICLE	IF	CITATIONS
240	The effect of endogenous antioxidant glabridin on oxidized LDL. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2008, 19, 49-64.	0.7	21
241	Expression of the Counter-Regulatory Peptide Intermedin is Augmented in the Presence of Oxidative Stress in Hypertrophied Cardiomyocytes. <i>Cellular Physiology and Biochemistry</i> , 2008, 21, 409-420.	1.1	21
242	ORAL PHOSPHATIDYLCHOLINE PRETREATMENT DECREASES ISCHEMIA-REPERFUSION-INDUCED METHANE GENERATION AND THE INFLAMMATORY RESPONSE IN THE SMALL INTESTINE. <i>Shock</i> , 2008, 30, 596-602.	1.0	44
243	Elevated DNA damage in a mouse model of oxidative stress: impacts of ionizing radiation and a protective dietary supplement. <i>Mutagenesis</i> , 2008, 23, 473-482.	1.0	27
244	Is NHEJ a tumor suppressor or an aging suppressor?. <i>Cell Cycle</i> , 2008, 7, 1139-1145.	1.3	18
245	Inflammatory reactions and drug response: importance of cytochrome P450 and membrane transporters. <i>Expert Review of Clinical Pharmacology</i> , 2008, 1, 627-647.	1.3	14
246	Antioxidant and Hepatoprotective Activities of <i>Cirsium setidens</i> NAKAI against CCl ₄ -Induced Liver Damage. <i>The American Journal of Chinese Medicine</i> , 2008, 36, 107-114.	1.5	29
247	Hepatic oxidative DNA damage is associated with increased risk for hepatocellular carcinoma in chronic hepatitis C. <i>British Journal of Cancer</i> , 2008, 98, 580-586.	2.9	119
248	Regulation of the Catalytic Activity and Structure of Human Thioredoxin 1 via Oxidation and S-Nitrosylation of Cysteine Residues. <i>Journal of Biological Chemistry</i> , 2008, 283, 21890-21898.	1.6	159
249	The role of redox signaling in cardiac hypertrophy induced by experimental hyperthyroidism. <i>Journal of Molecular Endocrinology</i> , 2008, 41, 423-430.	1.1	52
250	Cytosolic phospholipase A2 regulates viability of irradiated vascular endothelium. <i>Cell Death and Differentiation</i> , 2008, 15, 1641-1653.	5.0	39
251	Antioxidant activity of some polyphenol constituents of the medicinal plant <i>Phyllanthus amarus</i> Linn. <i>Redox Report</i> , 2008, 13, 199-207.	1.4	50
252	Apoptosis in the Homeostasis of the Immune System and in Human Immune Mediated Diseases. <i>Current Pharmaceutical Design</i> , 2008, 14, 253-268.	0.9	69
253	Volume-sensitive NADPH oxidase activity and taurine efflux in NIH3T3 mouse fibroblasts. <i>American Journal of Physiology - Cell Physiology</i> , 2008, 294, C1552-C1565.	2.1	25
254	Cytokinesis-Blocked Micronucleus Cytome Assay Biomarkers Identify Lung Cancer Cases Amongst Smokers. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2008, 17, 1111-1119.	1.1	71
255	Inactivation of human liver bile acid CoA:amino acid N-acyltransferase by the electrophilic lipid, 4-hydroxynonenal. <i>Journal of Lipid Research</i> , 2008, 49, 282-294.	2.0	11
256	The differential NF- κ B modulation by S-adenosyl-L-methionine, N-acetylcysteine and quercetin on the promotion stage of chemical hepatocarcinogenesis. <i>Free Radical Research</i> , 2008, 42, 331-343.	1.5	42
257	C242T Polymorphism of NADPH Oxidase p22phox and Recurrence of Cardiovascular Events in Coronary Artery Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008, 28, 752-757.	1.1	27

#	ARTICLE	IF	CITATIONS
258	An NADPH Sensor Protein (HSCARG) Down-regulates Nitric Oxide Synthesis by Association with Argininosuccinate Synthetase and Is Essential for Epithelial Cell Viability. <i>Journal of Biological Chemistry</i> , 2008, 283, 11004-11013.	1.6	41
259	Cancer Chemopreventive Potential of Apples, Apple Juice, and Apple Components. <i>Planta Medica</i> , 2008, 74, 1608-1624.	0.7	230
260	Reactive oxygen species from NADPH oxidase contribute to altered pulmonary vascular responses in piglets with chronic hypoxia-induced pulmonary hypertension. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2008, 295, L881-L888.	1.3	76
261	Protective Effects of Salicylic Acid and Vitamin C on Sulfur Dioxide-Induced Lipid Peroxidation in Mice. <i>Inhalation Toxicology</i> , 2008, 20, 865-871.	0.8	16
262	Critical control points in the impact of the proinflammatory immune response on growth and metabolism ^{1,2} . <i>Journal of Animal Science</i> , 2008, 86, E105-E125.	0.2	64
263	Upregulation of Endothelial and Inducible Nitric Oxide Synthase Expression by Reactive Oxygen Species. <i>American Journal of Hypertension</i> , 2008, 21, 28-34.	1.0	122
264	Maternal protein restriction leads to early life alterations in the expression of key molecules involved in the aging process in rat offspring. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2008, 294, R494-R500.	0.9	63
265	The protective effects of N-acetyl-L-cysteine and Epigallocatechin-3-gallate on electric field-induced hepatic oxidative stress. <i>International Journal of Radiation Biology</i> , 2008, 84, 669-680.	1.0	24
266	Differential Effects of Relaxation Techniques on Ultraweak Photon Emission. <i>Journal of Alternative and Complementary Medicine</i> , 2008, 14, 241-250.	2.1	25
267	Visual Transduction and Non-Visual Light Perception. , 2008, , .		8
268	Grapefruit Juice Modulates Bone Quality in Rats. <i>Journal of Medicinal Food</i> , 2008, 11, 99-104.	0.8	17
269	Use of conventional and -omics based methods for health claims of dietary antioxidants: a critical overview. <i>British Journal of Nutrition</i> , 2008, 99, ES3-ES52.	1.2	101
270	Sustained Contraction and Endothelial Dysfunction Induced by Reactive Oxygen Species in Porcine Coronary Artery. <i>Biological and Pharmaceutical Bulletin</i> , 2008, 31, 1667-1672.	0.6	8
271	Age-related macular degeneration (AMD); From pathogenesis and approved therapies to proposed treatments for prevention. <i>Anti-aging Medicine</i> , 2008, 5, 87-92.	0.7	3
272	Peroxiredoxin IV is an endoplasmic reticulum-localized enzyme forming oligomeric complexes in human cells. <i>Biochemical Journal</i> , 2008, 411, 191-199.	1.7	134
273	Endothelin Receptor Blockade with Tezosentan Ameliorates Myocardial Injury Induced by Abdominal Aortic Ischemia-Reperfusion. <i>Tohoku Journal of Experimental Medicine</i> , 2008, 216, 267-276.	0.5	8
274	Aspectos atuais da rela�o entre exerc�cio f�sico, estresse oxidativo e magn�sio. <i>Revista De Nutricao</i> , 2008, 21, 563-575.	0.4	9
275	Increasing Oxidative Stress with Progressive Hyperlipidemia in Human: Relation between Malondialdehyde and Atherogenic Index. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2008, 43, 154-158.	0.6	235

#	ARTICLE	IF	CITATIONS
276	Structural Characterization, Biological Effects, and Synthetic Studies on Xanthenes from Mangosteen (<i>Garcinia mangostana</i>), a Popular Botanical Dietary Supplement. <i>Mini-Reviews in Organic Chemistry</i> , 2008, 5, 355-364.	0.6	104
277	Cardiovascular Morbidity and Mortality in Obstructive Sleep Apnea. <i>Current Pharmaceutical Design</i> , 2008, 14, 3466-3473.	0.9	60
278	Pro-Oxidative Processes and Cytokine Response to Training in Professional Basketball Players. <i>Journal of Human Kinetics</i> , 2008, 20, 81-88.	0.7	5
279	Mandarin Juice Improves the Antioxidant Status of Hypercholesterolemic Children. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2008, 47, 349-355.	0.9	23
280	Can Exercise Minimize Postprandial Oxidative Stress in Patients with Type 2 Diabetes?. <i>Current Diabetes Reviews</i> , 2008, 4, 309-319.	0.6	29
281	Effect of Resistance Training on Blood Oxidative Stress in Parkinson Disease. <i>Medicine and Science in Sports and Exercise</i> , 2008, 40, 1385-1389.	0.2	58
282	Neutral pH Hydrogen-Enriched Electrolyzed Water Achieves Tumor-Preferential Clonal Growth Inhibition Over Normal Cells and Tumor Invasion Inhibition Concurrently With Intracellular Oxidant Repression. <i>Oncology Research</i> , 2008, 17, 247-255.	0.6	42
283	Attenuation of Vision Loss and Delay in Apoptosis of Photoreceptors Induced by Proinsulin in a Mouse Model of Retinitis Pigmentosa. , 2008, 49, 4188.		46
284	Superoxide dismutase and lipid hydroperoxides in blood and endometrial tissue of patients with benign, hyperplastic and malignant endometrium. <i>Anais Da Academia Brasileira De Ciencias</i> , 2008, 80, 515-522.	0.3	20
285	Immunohistochemical identification and quantitative analysis of cytoplasmic Cu/Zn superoxide dismutase in mouse organogenesis. <i>Journal of Veterinary Science</i> , 2008, 9, 233.	0.5	9
286	Peripheral biomarkers of oxidative stress in aging and Alzheimer's disease. <i>Dementia E Neuropsychologia</i> , 2008, 2, 2-8.	0.3	14
287	Oxidative Stress and Cell Dysfunction in Diabetes: Role of ROS Produced by Mitochondria and NAD(P)H Oxidase. <i>Korean Diabetes Journal</i> , 2008, 32, 389.	0.8	12
288	The Role of Advanced Oxidation Protein Products and Total Thiols in Diabetic Retinopathy. <i>European Journal of Ophthalmology</i> , 2008, 18, 792-798.	0.7	28
289	Cancer Chemopreventive Potential of Humulones and Isohumulones (Hops $\hat{I}\pm$ - and Iso- $\hat{I}\pm$ -acids): Induction of NAD(P)H:Quinone Reductase as a Novel Mechanism. <i>Natural Product Communications</i> , 2008, 3, 1934578X0800301.	0.2	6
291	Systemic Oxidative Stress Is Increased to a Greater Degree in Young, Obese Women Following Consumption of a High Fat Meal. <i>Oxidative Medicine and Cellular Longevity</i> , 2009, 2, 19-25.	1.9	52
292	Asymmetric Dimethylarginine (ADMA) and Endothelial Dysfunction: Implications for Atherogenesis. <i>Clinics</i> , 2009, 64, 471-478.	0.6	67
293	Antioxidant isolated from <i>Schisandra propinqua</i> (Wall.) Baill. <i>Biological Research</i> , 2009, 42, .	1.5	4
294	Efeito de uma sessão de hemodiálise sobre o estresse oxidativo sistêmico de pacientes renais crônicos terminais. <i>Jornal Brasileiro De Nefrologia: Orgao Oficial De Sociedades Brasileira E Latino-Americana De Nefrologia</i> , 2009, 31, 175-182.	0.4	7

#	ARTICLE	IF	CITATIONS
295	Î±-tocopheryl phosphate suppresses tumor invasion concurrently with dynamic morphological changes and delocalization of cortactin from invadopodia. <i>International Journal of Oncology</i> , 2009, 35, 1277-88.	1.4	7
296	Oxidative Stress and Antioxidant Defense Mechanisms Linked to Exercise During Cardiopulmonary and Metabolic Disorders. <i>Oxidative Medicine and Cellular Longevity</i> , 2009, 2, 43-51.	1.9	113
297	CTGF and chronic kidney fibrosis. <i>Frontiers in Bioscience - Elite</i> , 2009, 1, 132.	0.9	27
299	Techniques for Assessing Anti-cancer Effects of Beer. , 2009, , 901-910.		1
300	Acetylcholinesterase Inhibition and Antioxidant Activity of Essential Oils from <i>Schinus Areira L.</i> and <i>Schinus Longifolia (Lindl.) Speg.</i> <i>Natural Product Communications</i> , 2009, 4, 1934578X0900400.	0.2	3
301	Insulin and Insulin-Sensitizing Drugs in Neurodegeneration: Mitochondria as Therapeutic Targets. <i>Pharmaceuticals</i> , 2009, 2, 250-286.	1.7	9
302	Oxidative Stress and Anxiety: Relationship and Cellular Pathways. <i>Oxidative Medicine and Cellular Longevity</i> , 2009, 2, 63-67.	1.9	384
303	Activation of MMP-2 as a key event in oxidative stress injury to the heart. <i>Frontiers in Bioscience - Landmark</i> , 2009, Volume, 699.	3.0	22
304	Highly Efficient Esterification of Ferulic Acid Under Microwave Irradiation. <i>Molecules</i> , 2009, 14, 2118-2126.	1.7	34
305	Peroxiredoxin 6 Fails to Limit Phospholipid Peroxidation in Lung from <i>Cftr</i> -Knockout Mice Subjected to Oxidative Challenge. <i>PLoS ONE</i> , 2009, 4, e6075.	1.1	24
306	Mitochondrial oxidative stress elicits chromosomal instability after exposure to isocyanates in human kidney epithelial cells. <i>Free Radical Research</i> , 2009, 43, 718-728.	1.5	39
307	Molecular mechanisms of cardiovascular disease in OSAHS: the oxidative stress link. <i>European Respiratory Journal</i> , 2009, 33, 1467-1484.	3.1	312
308	II. Model Building: An Electrical Theory of Control of Growth and Development in Animals, Prompted by Studies of Exogenous Magnetic Field Effects (Paper I), and Evidence of DNA Current Conduction, In Vitro. <i>Electromagnetic Biology and Medicine</i> , 2009, 28, 283-309.	0.7	3
309	A QCAR model for predicting antioxidant activity of wild mushrooms. <i>SAR and QSAR in Environmental Research</i> , 2009, 20, 579-590.	1.0	20
310	Oxidative Stress Markers in Aqueous Humor of Patients with Senile Cataracts. <i>Current Eye Research</i> , 2009, 34, 36-41.	0.7	29
311	The imbalance of enzymatic antioxidants in cholesteatoma. <i>Acta Oto-Laryngologica</i> , 2009, 129, 1187-1191.	0.3	4
312	<i>Arabidopsis</i> GRI is involved in the regulation of cell death induced by extracellular ROS. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 5412-5417.	3.3	75
313	Superoxide dismutase expression in human cumulus oophorus cells. <i>Molecular Human Reproduction</i> , 2009, 15, 411-419.	1.3	104

#	ARTICLE	IF	CITATIONS
314	Hypothalamic Reactive Oxygen Species Are Required for Insulin-Induced Food Intake Inhibition: An NADPH Oxidase-Dependent Mechanism. <i>Diabetes</i> , 2009, 58, 1544-1549.	0.3	57
315	Cell Cycle Arrest Induced by Hydrogen Peroxide Is Associated with Modulation of Oxidative Stress Related Genes in Breast Cancer Cells. <i>Experimental Biology and Medicine</i> , 2009, 234, 1086-1094.	1.1	67
316	Assessment of Essential and Toxic Mineral Elements in Bitter Gourd (<i>Momordica Charantia</i>)Fruit. <i>International Journal of Food Properties</i> , 2009, 12, 766-773.	1.3	11
317	Coordination between Polymerase $\hat{1}^2$ and FEN1 Can Modulate CAG Repeat Expansion. <i>Journal of Biological Chemistry</i> , 2009, 284, 28352-28366.	1.6	100
318	Pathogen-Induced Interleukin-1 $\hat{1}^2$ Processing and Secretion Is Regulated by a Biphasic Redox Response. <i>Journal of Immunology</i> , 2009, 183, 1456-1462.	0.4	93
319	Enhanced Hypothalamic Glucose Sensing in Obesity: Alteration of Redox Signaling. <i>Diabetes</i> , 2009, 58, 2189-2197.	0.3	58
320	Antioxidants in Wild Mushrooms. <i>Current Medicinal Chemistry</i> , 2009, 16, 1543-1560.	1.2	498
321	Disruption of the Nitric Oxide Signaling System in Diabetes. , 2009, , 35-59.		0
322	Modelling of Anti-Tumour Immune Response: Immunocorrective Effect of Weak Centimetre Electromagnetic Waves. <i>Computational and Mathematical Methods in Medicine</i> , 2009, 10, 185-201.	0.7	7
323	Peroxiredoxin I contributes to TRAIL resistance through suppression of redox-sensitive caspase activation in human hepatoma cells. <i>Carcinogenesis</i> , 2009, 30, 1106-1114.	1.3	23
324	OLA1, an Obg-like ATPase, suppresses antioxidant response via nontranscriptional mechanisms. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 15356-15361.	3.3	61
325	Oxidative stress in depressive patients with gastric adenocarcinoma. <i>International Journal of Neuropsychopharmacology</i> , 2009, 12, 1089.	1.0	53
326	Switching to Second-Line Therapies in Interferon-Beta-Treated Relapsing-Remitting Multiple Sclerosis Patients. <i>European Neurology</i> , 2009, 61, 177-182.	0.6	12
327	Cardiovascular Aspects in Obstructive Sleep Apnea Syndrome “ Molecular Issues, Hypoxia and Cytokine Profiles. <i>Respiration</i> , 2009, 78, 361-370.	1.2	68
328	Aging and Cancer: Converging Routes to Disease Prevention. <i>Integrative Cancer Therapies</i> , 2009, 8, 115-122.	0.8	16
329	Antioxidant Effects of Natural Bioactive Compounds. <i>Current Pharmaceutical Design</i> , 2009, 15, 3063-3073.	0.9	142
330	Obstructive Sleep Apnea Syndrome: Implications in Cardiovascular Disease. <i>Current Respiratory Medicine Reviews</i> , 2009, 5, 242-262.	0.1	3
331	Distribution and Biological Activities of the Flavonoid Luteolin. <i>Mini-Reviews in Medicinal Chemistry</i> , 2009, 9, 31-59.	1.1	829

#	ARTICLE	IF	CITATIONS
332	Helicobacter Pylori, Zinc and Iron in Oxidative Stress-Induced Injury of Gastric Mucosa. Mini-Reviews in Medicinal Chemistry, 2009, 9, 26-30.	1.1	10
333	Neuron Protection as a Therapeutic Target in Acute Ischemic Stroke. Current Topics in Medicinal Chemistry, 2009, 9, 1317-1334.	1.0	95
334	Hydrogen peroxide-induced stroke: elucidation of the mechanism in vivo. Journal of Neurosurgery, 2009, 110, 94-100.	0.9	37
335	Acute Exercise Does Not Attenuate Postprandial Oxidative Stress in Prediabetic Women. Physician and Sportsmedicine, 2009, 37, 27-36.	1.0	17
336	Current Considerations for the Effective Safety Evaluation of Drugs In Vitro. Mini-Reviews in Medicinal Chemistry, 2009, 9, 861-868.	1.1	1
337	The Antioxidant Effect of Plums and Polyphenolic Compounds Against H ₂ O ₂ -Induced Oxidative Stress in Mouse Blood Granulocytes. Journal of Medicinal Food, 2009, 12, 861-868.	0.8	23
338	Suppression of Cancer Growth by Nonviral Gene Therapy Based on a Novel Reactive Oxygen Species-responsive Promoter. Molecular Therapy, 2009, 17, 1355-1364.	3.7	12
339	Macronutrient Specific Postprandial Oxidative Stress: Relevance to the Development of Insulin Resistance. Current Diabetes Reviews, 2009, 5, 228-238.	0.6	22
340	Differential Effects of Reduced Cyclic Stretch and Perturbed Shear Stress Within the Arterial Wall and on Smooth Muscle Function. American Journal of Hypertension, 2009, 22, 1250-1257.	1.0	8
341	NADPH oxidases and reactive oxygen species at different stages of chronic hypoxia-induced pulmonary hypertension in newborn piglets. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2009, 297, L596-L607.	1.3	86
342	Interactions between ROS and AMP kinase activity in the regulation of PGC-1 α transcription in skeletal muscle cells. American Journal of Physiology - Cell Physiology, 2009, 296, C116-C123.	2.1	306
343	Chronic Inflammation and Oxidative Stress as a Major Cause of Age- Related Diseases and Cancer. Recent Patents on Inflammation and Allergy Drug Discovery, 2009, 3, 73-80.	3.9	678
344	The natural xanthone α -mangostin reduces oxidative damage in rat brain tissue. Nutritional Neuroscience, 2009, 12, 35-42.	1.5	55
345	Comparison of the in vitro effects of amoxicillin and ampicillin on the polymorphonuclear neutrophil respiratory burst. Journal of Antimicrobial Chemotherapy, 2009, 63, 458-461.	1.3	5
346	Genetic Polymorphisms in Nitric Oxide Synthase Genes Modify the Relationship between Vegetable and Fruit Intake and Risk of Non-Hodgkin Lymphoma. Cancer Epidemiology Biomarkers and Prevention, 2009, 18, 1429-1438.	1.1	12
347	Poldip2, a Novel Regulator of Nox4 and Cytoskeletal Integrity in Vascular Smooth Muscle Cells. Circulation Research, 2009, 105, 249-259.	2.0	386
348	Modulation in Reproductive Tissue Redox Profile in Sexually Receptive Female Rats after Short-Term Exposure to Male Chemical Cues. Chemical Senses, 2009, 34, 317-323.	1.1	1
349	Oxidative Stress in Prehypertension: Rationale for Antioxidant Clinical Trials. Angiology, 2009, 60, 221-234.	0.8	18

#	ARTICLE	IF	CITATIONS
350	Neuroprotective Effect of an Antioxidant, Lutein, during Retinal Inflammation. , 2009, 50, 1433.		136
351	Acceleration of Purine Degradation by Periodontal Diseases. Journal of Dental Research, 2009, 88, 851-855.	2.5	88
352	Oxidative Stress Inhibits Nuclear Protein Export by Multiple Mechanisms That Target FG Nucleoporins and Crm1. Molecular Biology of the Cell, 2009, 20, 5106-5116.	0.9	80
353	Nitrooleic Acid, an Endogenous Product of Nitritative Stress, Activates Nociceptive Sensory Nerves via the Direct Activation of TRPA1. Molecular Pharmacology, 2009, 75, 820-829.	1.0	164
354	Impairment of d-alanine biosynthesis in Mycobacterium smegmatis determines decreased intracellular survival in human macrophages. Microbiology (United Kingdom), 2009, 155, 1440-1450.	0.7	19
355	DNA-protective effects of sumach (Rhus coriaria L.), a common spice: Results of human and animal studies. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2009, 661, 10-17.	0.4	67
356	Differential role of nitric oxide (NO) in acute and chronic stress induced neurobehavioral modulation and oxidative injury in rats. Pharmacology Biochemistry and Behavior, 2009, 92, 272-276.	1.3	25
357	Oxidative Stressâ€”A Unifying Paradigm in Obstructive Sleep Apnea and Comorbidities. Progress in Cardiovascular Diseases, 2009, 51, 303-312.	1.6	229
358	Synergy research: Vitamins and secondary plant components in the maintenance of the redox-homeostasis and in cell signaling. Phytomedicine, 2009, 16, 2-16.	2.3	53
359	Increased oxidative stress in submitochondrial particles into the brain of rats submitted to the chronic mild stress paradigm. Journal of Psychiatric Research, 2009, 43, 864-869.	1.5	120
360	CDDO-Im protects from acetaminophen hepatotoxicity through induction of Nrf2-dependent genes. Toxicology and Applied Pharmacology, 2009, 236, 109-114.	1.3	96
361	Vitamin E protects against the mitochondrial damage caused by cyclosporin A in LLC-PK1 cells. Toxicology and Applied Pharmacology, 2009, 239, 241-250.	1.3	29
362	Reactive oxygen intermediate-induced pathomechanisms contribute to immunosenescence, chronic inflammation and autoimmunity. Mechanisms of Ageing and Development, 2009, 130, 564-587.	2.2	44
363	Redox dysregulation, neurodevelopment, and schizophrenia. Current Opinion in Neurobiology, 2009, 19, 220-230.	2.0	348
364	Glutathione: A key player in autoimmunity. Autoimmunity Reviews, 2009, 8, 697-701.	2.5	185
365	Pathogenetic mechanisms in hereditary dysfunctions of complex I of the respiratory chain in neurological diseases. Biochimica Et Biophysica Acta - Bioenergetics, 2009, 1787, 502-517.	0.5	33
366	Quercetin can act either as an inhibitor or an inducer of the mitochondrial permeability transition pore: A demonstration of the ambivalent redox character of polyphenols. Biochimica Et Biophysica Acta - Bioenergetics, 2009, 1787, 1425-1432.	0.5	101
367	The inhibition of the epidermal growth factor (EGF) pathway enhances TGF- β -induced apoptosis in rat hepatoma cells through inducing oxidative stress coincident with a change in the expression pattern of the NADPH oxidases (NOX) isoforms. Biochimica Et Biophysica Acta - Molecular Cell Research, 2009, 1793, 253-263.	1.9	76

#	ARTICLE	IF	CITATIONS
368	Should I stay or should I go: β -catenin decides under stress. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2009, 1796, 63-74.	3.3	64
369	trans-Resveratrol inhibits H ₂ O ₂ -induced adenocarcinoma gastric cells proliferation via inactivation of MEK1/2-ERK1/2-c-Jun signalling axis. <i>Biochemical Pharmacology</i> , 2009, 77, 337-347.	2.0	30
370	Methylglyoxal-induced mitochondrial dysfunction in vascular smooth muscle cells. <i>Biochemical Pharmacology</i> , 2009, 77, 1709-1716.	2.0	99
371	Bz-423 superoxide signals B cell apoptosis via Mcl-1, Bak, and Bax. <i>Biochemical Pharmacology</i> , 2009, 78, 966-973.	2.0	13
372	EUK-207, a superoxide dismutase/catalase mimetic, is neuroprotective against oxygen/glucose deprivation-induced neuronal death in cultured hippocampal slices. <i>Brain Research</i> , 2009, 1247, 28-37.	1.1	15
373	Neuroprotective effects of hydrogen saline in neonatal hypoxia-ischemia rat model. <i>Brain Research</i> , 2009, 1256, 129-137.	1.1	210
374	Hypoxia rescues early mortality conferred by superoxide dismutase deficiency. <i>Free Radical Biology and Medicine</i> , 2009, 46, 176-181.	1.3	26
375	Oxidative stress in rats fed a high-fat high-sucrose diet and preventive effect of polyphenols: Involvement of mitochondrial and NAD(P)H oxidase systems. <i>Free Radical Biology and Medicine</i> , 2009, 46, 624-632.	1.3	133
376	Antioxidant activity of liver growth factor, a bilirubin covalently bound to albumin. <i>Free Radical Biology and Medicine</i> , 2009, 46, 656-662.	1.3	20
377	BMP6 attenuates oxidant injury in HK-2 cells via Smad-dependent HO-1 induction. <i>Free Radical Biology and Medicine</i> , 2009, 46, 1275-1282.	1.3	14
378	Globular adiponectin-induced RAW 264 apoptosis is regulated by a reactive oxygen species-dependent pathway involving Bcl-2. <i>Free Radical Biology and Medicine</i> , 2009, 46, 1308-1316.	1.3	32
379	Huperzine A protects isolated rat brain mitochondria against β -amyloid peptide. <i>Free Radical Biology and Medicine</i> , 2009, 46, 1454-1462.	1.3	93
380	Oxidative stress induces lipid-raft-mediated activation of Src homology 2 domain-containing protein-tyrosine phosphatase 2 in astrocytes. <i>Free Radical Biology and Medicine</i> , 2009, 46, 1694-1702.	1.3	58
381	Select cyclopentenone prostaglandins trigger glutathione efflux and the role of ABCG2 transport. <i>Free Radical Biology and Medicine</i> , 2009, 47, 722-730.	1.3	9
382	In vivo imaging of reactive oxygen and nitrogen species in inflammation using the luminescent probe L-012. <i>Free Radical Biology and Medicine</i> , 2009, 47, 760-766.	1.3	152
383	Prevention of hydrogen peroxide-induced oxidative stress in PC12 cells by 3,4-dihydroxybenzalacetone isolated from Chaga (<i>Inonotus obliquus</i> (persoon) Pilat). <i>Free Radical Biology and Medicine</i> , 2009, 47, 1154-1161.	1.3	32
384	Radiation-induced reductions in neurogenesis are ameliorated in mice deficient in CuZnSOD or MnSOD. <i>Free Radical Biology and Medicine</i> , 2009, 47, 1459-1467.	1.3	58
385	The effect of extraction process on polyphenol content, triterpene composition and bioactivity of yellow birch (<i>Betula alleghaniensis</i> Britton) extracts. <i>Industrial Crops and Products</i> , 2009, 30, 297-303.	2.5	69

#	ARTICLE	IF	CITATIONS
386	Relationship correlation of antioxidant and antiproliferative capacity of <i>Cyperus rotundus</i> products towards K562 erythroleukemia cells. <i>Chemico-Biological Interactions</i> , 2009, 181, 85-94.	1.7	65
387	Potential chemoprevention of N-nitrosodiethylamine-induced hepatocarcinogenesis by polyphenolics from <i>Acacia nilotica</i> bark. <i>Chemico-Biological Interactions</i> , 2009, 181, 20-28.	1.7	124
388	Deferoxamine-induced neurite outgrowth and synapse formation in postnatal rat dorsal root ganglion (DRG) cell cultures. <i>European Journal of Cell Biology</i> , 2009, 88, 551-562.	1.6	21
389	Pu-erh tea aqueous extracts lower atherosclerotic risk factors in a rat hyperlipidemia model. <i>Experimental Gerontology</i> , 2009, 44, 434-439.	1.2	113
390	High-fat diet and hydrochlorothiazide increase oxidative stress in brain of rats. <i>Cell Biochemistry and Function</i> , 2009, 27, 473-478.	1.4	23
391	The Metallothionein/Thionein System: An Oxidoreductive Metabolic Zinc Link. <i>ChemBioChem</i> , 2009, 10, 55-62.	1.3	195
392	Biomolecular Oxidative Damage Activated by Enzymatic Logic Systems: Biologically Inspired Approach. <i>ChemBioChem</i> , 2009, 10, 1084-1090.	1.3	11
393	Oxidative stress parameters after combined fluoxetine and acetylsalicylic acid therapy in depressive patients. <i>Human Psychopharmacology</i> , 2009, 24, 277-286.	0.7	109
394	Advanced glycation end-products activate extracellular signal-regulated kinase via the oxidative stress-EGF receptor pathway in renal fibroblasts. <i>Journal of Cellular Biochemistry</i> , 2010, 109, 38-48.	1.2	27
395	Hyperglycemia and mechanical stress: Targeting the renal podocyte. <i>Journal of Cellular Physiology</i> , 2009, 221, 288-295.	2.0	77
396	Protective effects of peroxisome proliferator-activated receptors β coactivator-1 against neuronal cell death in the hippocampal CA1 subfield after transient global ischemia. <i>Journal of Neuroscience Research</i> , 2010, 88, 605-613.	1.3	53
397	Monitoring intracellular labile iron pools: A novel fluorescent iron(III) sensor as a potential non-invasive diagnosis tool. <i>Journal of Pharmaceutical Sciences</i> , 2009, 98, 2212-2226.	1.6	37
398	Extraction of antioxidants from plants using ultrasonic methods and their antioxidant capacity. <i>Journal of Separation Science</i> , 2009, 32, 288-294.	1.3	39
399	High-Molar-Mass Hyaluronan Behavior During Testing Its Radical Scavenging Capacity in Organic and Aqueous Media: Effects of the Presence of Manganese(II) Ions. <i>Chemistry and Biodiversity</i> , 2009, 6, 162-169.	1.0	19
400	Influence of dietary lipids on the erythrocyte antioxidant status of hypercholesterolaemic children. <i>European Journal of Pediatrics</i> , 2009, 168, 321-327.	1.3	9
401	Optical probes for detection and quantification of neutrophils' oxidative burst. A review. <i>Analytica Chimica Acta</i> , 2009, 649, 8-23.	2.6	145
402	Development of a cytochrome c-based screen-printed biosensor for the determination of the antioxidant capacity of orange juices. <i>Bioelectrochemistry</i> , 2009, 76, 76-80.	2.4	45
403	Protective effect of sulfated <i>Achyranthes bidentata</i> polysaccharides on streptozotocin-induced oxidative stress in rats. <i>Carbohydrate Polymers</i> , 2009, 75, 415-419.	5.1	61

#	ARTICLE	IF	CITATIONS
404	Production, characterization and antioxidant activities in vitro of exopolysaccharides from endophytic bacterium <i>Paenibacillus polymyxa</i> EJS-3. <i>Carbohydrate Polymers</i> , 2009, 78, 275-281.	5.1	178
405	Simulated microgravity induce glutathione antioxidant pathway in <i>Xenopus laevis</i> embryos. <i>Cell Biology International</i> , 2009, 33, 893-898.	1.4	9
406	Blue CrO ₅ assay: A novel spectrophotometric method for the evaluation of the antioxidant and oxidant capacity of various biological substances. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 4162-4168.	2.6	12
407	Electrochemical investigations of antioxidant interactions with radical anion and dianion of 1,3-dinitrobenzene. <i>Electrochimica Acta</i> , 2009, 54, 6184-6189.	2.6	31
408	The effects of celecoxib, a COX-2 selective inhibitor, on acute inflammation induced in irradiated rats. <i>Inflammopharmacology</i> , 2009, 17, 255-266.	1.9	24
409	Induction of Epstein-Barr virus (EBV) lytic cycle in vitro causes oxidative stress in lymphoblastoid B cell lines. <i>Molecular and Cellular Biochemistry</i> , 2009, 324, 55-63.	1.4	27
410	Effect of in vitro exposure of human serum to 3-butyl-1-phenyl-2-(phenyltelluro)oct-en-1-one on oxidative stress. <i>Molecular and Cellular Biochemistry</i> , 2009, 332, 127-134.	1.4	7
411	Antioxidant Effects of Different Extracts from <i>Melissa officinalis</i> , <i>Matricaria recutita</i> and <i>Cymbopogon citratus</i> . <i>Neurochemical Research</i> , 2009, 34, 973-983.	1.6	169
412	Microarray Analysis of Gene Expression in Rat Cortical Neurons Exposed to Hyperbaric Air and Oxygen. <i>Neurochemical Research</i> , 2009, 34, 1047-1056.	1.6	26
413	Alterations Induced by Ischemic Preconditioning on Secretory Pathways Ca ²⁺ -ATPase (SPCA) Gene Expression and Oxidative Damage After Global Cerebral Ischemia/Reperfusion in Rats. <i>Cellular and Molecular Neurobiology</i> , 2009, 29, 909-916.	1.7	36
414	Determination of the Antimicrobial and Antioxidative Properties and Total Phenolics of Two Endemic Lamiaceae Species from Turkey: <i>Ballota rotundifolia</i> L. and <i>Teucrium chamaedrys</i> C. Koch. <i>Plant Foods for Human Nutrition</i> , 2009, 64, 135-140.	1.4	30
415	Protective Effects of Caffeic Acid Phenethyl Ester on Intestinal Ischemia-Reperfusion Injury. <i>Digestive Diseases and Sciences</i> , 2009, 54, 738-744.	1.1	31
416	Regulation of mitochondrial Ca ²⁺ and its effects on energetics and redox balance in normal and failing heart. <i>Journal of Bioenergetics and Biomembranes</i> , 2009, 41, 127-132.	1.0	93
417	Role of mitochondrial-mediated signaling pathways in Alzheimer disease and hypoxia. <i>Journal of Bioenergetics and Biomembranes</i> , 2009, 41, 433-440.	1.0	63
418	Influence of Methionine upon the Concentration of Malondialdehyde in the Tissues and Blood of Rats Exposed to Sodium Fluoride. <i>Biological Trace Element Research</i> , 2009, 129, 229-238.	1.9	19
419	The Novel Cholinesterase Monoamine Oxidase Inhibitor and Antioxidant, Ladostigil, Confers Neuroprotection in Neuroblastoma Cells and Aged Rats. <i>Journal of Molecular Neuroscience</i> , 2009, 37, 135-145.	1.1	60
420	The Influences of Cell Type and ZnO Nanoparticle Size on Immune Cell Cytotoxicity and Cytokine Induction. <i>Nanoscale Research Letters</i> , 2009, 4, 1409-20.	3.1	323
421	NADPH oxidase and reactive oxygen species as signaling molecules in carcinogenesis. <i>Frontiers of Medicine in China</i> , 2009, 3, 1-7.	0.1	3

#	ARTICLE	IF	CITATIONS
422	Hydroxyl radical scavenging activities of isoquinoline alkaloids isolated from <i>Coptis chinensis</i> . <i>Archives of Pharmacal Research</i> , 2009, 32, 341-345.	2.7	66
423	Antioxidant basket: Do not mix apples and oranges. <i>Indian Journal of Clinical Biochemistry</i> , 2009, 24, 211-214.	0.9	7
424	Reactive oxygen species, reactive nitrogen species and antioxidants in etiopathogenesis of diabetes mellitus type-2. <i>Indian Journal of Clinical Biochemistry</i> , 2009, 24, 324-342.	0.9	68
425	Administration of sesamol improved blood-brain barrier function in streptozotocin-induced diabetic rats. <i>Experimental Brain Research</i> , 2009, 197, 23-34.	0.7	33
426	Hydrogen Peroxide Reduces Lead-Induced Oxidative Stress to Mouse Brain and Liver. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2009, 82, 419-422.	1.3	9
427	Salicylic Acid-Involved in Lead Tolerance Associated with the Maintenance of Reducing Conditions in Mice. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2009, 83, 67-70.	1.3	4
428	Downregulation of APE1/Ref-1 Is Involved in the Senescence of Mesenchymal Stem Cells. <i>Stem Cells</i> , 2009, 27, 1455-1462.	1.4	63
429	Humic acid induces G1 phase arrest and apoptosis in cultured vascular smooth muscle cells. <i>Environmental Toxicology</i> , 2009, 24, 243-258.	2.1	10
430	<i>Atractylodes japonica</i> root extract protects osteoblastic MC3T3-E1 cells against hydrogen peroxide-induced inhibition of osteoblastic differentiation. <i>Phytotherapy Research</i> , 2009, 23, 1537-1542.	2.8	17
431	The emerging role of cardiovascular risk factor-induced mitochondrial dysfunction in atherogenesis. <i>Journal of Biomedical Science</i> , 2009, 16, 112.	2.6	56
432	Iron behaving badly: inappropriate iron chelation as a major contributor to the aetiology of vascular and other progressive inflammatory and degenerative diseases. <i>BMC Medical Genomics</i> , 2009, 2, 2.	0.7	421
433	Glutathione, vitamin E and oxidative stress in coronary artery disease: relevance of age and gender. <i>European Journal of Clinical Investigation</i> , 2009, 39, 267-272.	1.7	34
434	Up-regulation of the peroxiredoxin related metabolism of reactive oxygen species in skeletal muscle of mice lacking neuronal nitric oxide synthase. <i>Journal of Physiology</i> , 2009, 587, 655-668.	1.3	25
435	NADPH oxidase activity is necessary for acute intermittent hypoxia-induced phrenic long-term facilitation. <i>Journal of Physiology</i> , 2009, 587, 1931-1942.	1.3	64
436	Episodic spinal serotonin receptor activation elicits long-lasting phrenic motor facilitation by an NADPH oxidase-dependent mechanism. <i>Journal of Physiology</i> , 2009, 587, 5469-5481.	1.3	88
437	Oxidative stress in patients with Graves' ophthalmopathy: relationship between oxidative DNA damage and clinical evolution. <i>Eye</i> , 2009, 23, 1725-1730.	1.1	55
438	Connecting obesity, aging and diabetes. <i>Nature Medicine</i> , 2009, 15, 996-997.	15.2	210
439	Redox regulation of anoikis resistance of metastatic prostate cancer cells: key role for Src and EGFR-mediated pro-survival signals. <i>Oncogene</i> , 2009, 28, 2074-2086.	2.6	123

#	ARTICLE	IF	CITATIONS
440	Peroxiredoxin I is overexpressed in oncocytic lesions of salivary glands. <i>Journal of Oral Pathology and Medicine</i> , 2009, 38, 514-517.	1.4	15
441	Antioxidant Potential of New Pyrazoline Derivatives to Prevent Oxidative Damage. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2009, 104, 107-112.	1.2	17
442	Melatonin and Vitamin C Attenuates Alcohol-Induced Oxidative Stress in Aorta. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2009, 105, 410-415.	1.2	21
443	Oxidative Stress and Its Role in the Pathogenesis of Ischaemic Stroke. <i>International Journal of Stroke</i> , 2009, 4, 461-470.	2.9	763
444	Impact of oxidative stress on lung diseases. <i>Respirology</i> , 2009, 14, 27-38.	1.3	247
445	The comparison of <i>in vivo</i> antigenotoxic and antioxidative capacity of two propylene glycol extracts of <i>Calendula officinalis</i> (marigold) and vitamin E in young growing pigs. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2009, 93, 688-694.	1.0	22
446	CELLULAR EXPRESSION OF RENAL, CARDIAC AND PULMONARY INDUCIBLE NITRIC OXIDE SYNTHASE IN DOUBLE-TRANSGENIC MICE EXPRESSING HUMAN RENIN AND ANGIOTENSINOGEN GENES. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2009, 36, 571-575.	0.9	1
447	Galantamine protects against oxidative stress induced by amyloid- β peptide in cortical neurons. <i>European Journal of Neuroscience</i> , 2009, 29, 455-464.	1.2	58
448	Intracellular Prooxidant Activity of Melatonin Induces a Survival Pathway Involving NF- κ B Activation. <i>Annals of the New York Academy of Sciences</i> , 2009, 1171, 472-478.	1.8	53
449	Food Deprivation Promotes Oxidative Imbalance in Rat Brain. <i>Journal of Food Science</i> , 2009, 74, H8-H14.	1.5	10
450	Pomegranate juice: a heart-healthy fruit juice. <i>Nutrition Reviews</i> , 2009, 67, 49-56.	2.6	243
451	The role of myeloperoxidase in the pathogenesis of postoperative adhesions. <i>Wound Repair and Regeneration</i> , 2009, 17, 531-539.	1.5	17
452	Comparison of inhibitors of superoxide generation in vascular smooth muscle cells. <i>British Journal of Pharmacology</i> , 2009, 157, 935-943.	2.7	49
453	Neuroprotective effect of <i>Scutellaria baicalensis</i> on spinal cord injury in rats. <i>Journal of Neurochemistry</i> , 2009, 110, 1276-1287.	2.1	47
454	Tissue and blood superoxide dismutase activity and malondialdehyde level in leprosy. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2010, 24, 704-708.	1.3	12
455	Radical cation/radical reactions: A Fourier transform ion cyclotron resonance study of allyl radical reacting with aromatic radical cations. <i>International Journal of Mass Spectrometry</i> , 2009, 287, 8-15.	0.7	11
456	DPPH antioxidant assay revisited. <i>Food Chemistry</i> , 2009, 113, 1202-1205.	4.2	1,338
457	Antioxidative and ACE inhibitory activities in enzymatic hydrolysates of the cotton leafworm, <i>Spodoptera littoralis</i> . <i>Food Chemistry</i> , 2009, 114, 38-43.	4.2	79

#	ARTICLE	IF	CITATIONS
458	Stress proteins and oxidative damage in a renal derived cell line exposed to inorganic mercury and lead. <i>Toxicology</i> , 2009, 264, 215-224.	2.0	100
459	Periodontitis and increase in circulating oxidative stress. <i>Japanese Dental Science Review</i> , 2009, 45, 46-51.	2.0	25
460	Insights in the antioxidant activity of diarylamines from the 2,3-dimethylbenzo[b]thiophene through the redox profile. <i>Journal of Electroanalytical Chemistry</i> , 2009, 628, 43-47.	1.9	9
461	Production of chitin oligosaccharides with different molecular weights and their antioxidant effect in RAW 264.7 cells. <i>Journal of Functional Foods</i> , 2009, 1, 188-198.	1.6	128
462	Antiproliferative activity and QSAR study of copper(II) mixed chelate [Cu(Nâ€“N)(acetylacetonato)]NO ₃ and [Cu(Nâ€“N)(glycinato)]NO ₃ complexes, (CasiopeÃnasÃ©). <i>Journal of Inorganic Biochemistry</i> , 2009, 103, 299-309.	1.5	186
463	Determination of glutathione and glutathione disulfide in biological samples: An in-depth review. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009, 877, 3331-3346.	1.2	229
464	High-molar-mass hyaluronan degradation by Weissberger's system: Pro- and anti-oxidative effects of some thiol compounds. <i>Polymer Degradation and Stability</i> , 2009, 94, 1867-1875.	2.7	19
465	Retinal phosphenes and discrete dark noises in rods: A new biophysical framework. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2009, 96, 255-259.	1.7	32
466	C-phycoerythrin from <i>Spirulina fusciformis</i> exposed to blue light demonstrates higher efficacy of in vitro antioxidant activity. <i>Biochemical Engineering Journal</i> , 2009, 43, 221-224.	1.8	29
467	The scavenging of reactive oxygen species and the potential for cell protection by functionalized fullerene materials. <i>Biomaterials</i> , 2009, 30, 611-621.	5.7	388
468	Electron transfer from all-trans β -carotene to the t-butyl peroxy radical at low oxygen pressure (an) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.2	24
469	QSAR model for predicting radical scavenging activity of di(hetero)arylamines derivatives of benzo[b]thiophenes. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 1952-1958.	2.6	38
470	Synthesis and biological evaluation of curcumin-like diarylpentanoid analogues for anti-inflammatory, antioxidant and anti-tyrosinase activities. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 3195-3200.	2.6	123
471	Copper complexes of pyridine derivatives with superoxide scavenging and antimicrobial activities. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 3259-3265.	2.6	155
472	Synthesis and characterization of hydroquinone glucoside using <i>Leuconostoc mesenteroides</i> dextranase. <i>Enzyme and Microbial Technology</i> , 2009, 45, 355-360.	1.6	45
473	Influence of thermal treatment of rapeseed on the canolol content. <i>Food Chemistry</i> , 2009, 112, 944-948.	4.2	99
474	Study of the DPPH-scavenging activity: Development of a free software for the correct interpretation of data. <i>Food Chemistry</i> , 2009, 114, 889-897.	4.2	145
475	Suppressive effect of ethyl acetate extract of <i>Teucrium polium</i> on cellular oxidative damages and apoptosis induced by 2-deoxy-d-ribose: Role of de novo synthesis of glutathione. <i>Food Chemistry</i> , 2009, 114, 1222-1230.	4.2	22

#	ARTICLE	IF	CITATIONS
476	NF- κ B inhibition leads to increased synthesis and secretion of MIF in human CD4+ T cells. <i>Immunology Letters</i> , 2009, 123, 21-30.	1.1	16
477	Grape seed proanthocyanidin extract (GSPE) attenuates collagen-induced arthritis. <i>Immunology Letters</i> , 2009, 124, 102-110.	1.1	66
478	Visual perception and imagery: A new molecular hypothesis. <i>BioSystems</i> , 2009, 96, 178-184.	0.9	23
479	Antioxidant and antiradical activities of resorcinarene tetranitroxides. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 1314-1317.	1.0	19
480	Prenyloxyphenylpropanoids as a novel class of anticonvulsive agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 5419-5422.	1.0	34
482	The role of exercise in minimizing postprandial oxidative stress in cigarette smokers. <i>Nicotine and Tobacco Research</i> , 2009, 11, 3-11.	1.4	19
483	Knockdown of OLA1, a regulator of oxidative stress response, inhibits motility and invasion of breast cancer cells. <i>Journal of Zhejiang University: Science B</i> , 2009, 10, 796-804.	1.3	37
484	DAMPs and inflammatory processes: the role of redox in the different outcomes. <i>Journal of Leukocyte Biology</i> , 2009, 86, 549-555.	1.5	96
485	Effects of nitrite on modulating ROS generation following ischemia and reperfusion. <i>Advanced Drug Delivery Reviews</i> , 2009, 61, 339-350.	6.6	66
486	Mitochondrial kinases in cell signaling: Facts and perspectives. <i>Advanced Drug Delivery Reviews</i> , 2009, 61, 1234-1249.	6.6	39
487	Changes in lipid peroxidation and antioxidant system of the brain during early postnatal development in rats. <i>Neurochemical Journal</i> , 2009, 3, 93-97.	0.2	4
488	Effect of curcumin on the nitric oxide induced structural and functional modifications of high molecular mass goat brain cystatin. <i>Biochemistry (Moscow) Supplement Series B: Biomedical Chemistry</i> , 2009, 3, 259-265.	0.2	0
489	Spin Scavenging Analysis of Myoglobin Protein-Centered Radicals Using Stable Nitroxide Radicals: Characterization of Oxoammonium Cation-Induced Modifications. <i>Chemical Research in Toxicology</i> , 2009, 22, 1034-1049.	1.7	20
490	Effects of β -Ionone on Mammary Carcinogenesis and Antioxidant Status in Rats Treated With DMBA. <i>Nutrition and Cancer</i> , 2009, 62, 58-65.	0.9	39
491	Oxalate-induced activation of PKC- δ and δ regulates NADPH oxidase-mediated oxidative injury in renal tubular epithelial cells. <i>American Journal of Physiology - Renal Physiology</i> , 2009, 297, F1399-F1410.	1.3	51
492	Oxidation of DNA and its components with reactive oxygen species. <i>Russian Chemical Reviews</i> , 2009, 78, 659-678.	2.5	26
493	Evaluation of <i>Azadirachta indica</i> Leaf Fractions for in Vitro Antioxidant Potential and Protective Effects against H ₂ O ₂ -Induced Oxidative Damage to pBR322 DNA and Red Blood Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 6990-6996.	2.4	34
494	Cytochrome c Mutants for Superoxide Biosensors. <i>Analytical Chemistry</i> , 2009, 81, 2976-2984.	3.2	42

#	ARTICLE	IF	CITATIONS
495	In Vivo, in Vitro, and in Silico Studies of Cu/Zn-Superoxide Dismutase Regulation by Molecules in Grape Seed Procyanidin Extract. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 3934-3942.	2.4	25
496	Antioxidant Sensors Based on Iron Diethylenetriaminepentaacetic Acid, Hematin, and Hemoglobin Modified TiO ₂ Nanoparticle Printed Electrodes. <i>Analytical Chemistry</i> , 2009, 81, 5381-5389.	3.2	29
497	Preventive Effects of a Cocoa-Enriched Diet on Gingival Oxidative Stress in Experimental Periodontitis. <i>Journal of Periodontology</i> , 2009, 80, 1799-1808.	1.7	62
499	Reactive species and diabetes: counteracting oxidative stress to improve health. <i>Current Opinion in Pharmacology</i> , 2009, 9, 771-779.	1.7	132
500	Elevated copper and oxidative stress in cancer cells as a target for cancer treatment. <i>Cancer Treatment Reviews</i> , 2009, 35, 32-46.	3.4	801
501	Emergence and transmission of visual awareness through optical coding in the brain: A redox molecular hypothesis on visual mental imagery. <i>Bioscience Hypotheses</i> , 2009, 2, 226-232.	0.2	11
502	Selenocystine induces caspase-independent apoptosis in MCF-7 human breast carcinoma cells with involvement of p53 phosphorylation and reactive oxygen species generation. <i>International Journal of Biochemistry and Cell Biology</i> , 2009, 41, 666-676.	1.2	209
503	Phycocyanin protects INS-1E pancreatic beta cells against human islet amyloid polypeptide-induced apoptosis through attenuating oxidative stress and modulating JNK and p38 mitogen-activated protein kinase pathways. <i>International Journal of Biochemistry and Cell Biology</i> , 2009, 41, 1526-1535.	1.2	87
504	Purification and characterization of a 43.4 kDa antioxidant protein (β -turmerin) from turmeric (<i>Curcuma</i>) Tj ETQq 0 0 rgBT /Overloc	1.8	27
505	Selenocystine induces reactive oxygen species-mediated apoptosis in human cancer cells. <i>Biomedicine and Pharmacotherapy</i> , 2009, 63, 105-113.	2.5	153
506	Sciatic nerve transection increases glutathione antioxidant system activity and neuronal nitric oxide synthase expression in the spinal cord. <i>Brain Research Bulletin</i> , 2009, 80, 422-427.	1.4	23
507	Hepatitis B virus induced hepatocellular carcinoma. <i>Cancer Letters</i> , 2009, 286, 52-59.	3.2	158
508	Effect of 3-butyl-1-phenyl-2-(phenyltelluro)oct-en-1-one on oxidative stress in cerebral cortex of rats. <i>Food and Chemical Toxicology</i> , 2009, 47, 745-751.	1.8	16
509	Evaluation of free radical-scavenging and antihemolytic activities of quince (<i>Cydonia oblonga</i>) leaf: A comparative study with green tea (<i>Camellia sinensis</i>). <i>Food and Chemical Toxicology</i> , 2009, 47, 860-865.	1.8	137
510	Polyphenolics from various extracts/fractions of red onion (<i>Allium cepa</i>) peel with potent antioxidant and antimutagenic activities. <i>Food and Chemical Toxicology</i> , 2009, 47, 1161-1167.	1.8	204
511	Protective role of vitamin E on nickel and/or chromium induced oxidative stress in the mouse ovary. <i>Food and Chemical Toxicology</i> , 2009, 47, 1368-1371.	1.8	36
512	Chemoprevention of rat mammary carcinogenesis by <i>Azadirachta indica</i> leaf fractions: Modulation of hormone status, xenobiotic-metabolizing enzymes, oxidative stress, cell proliferation and apoptosis. <i>Food and Chemical Toxicology</i> , 2009, 47, 1852-1863.	1.8	34
513	In vivo assessment of genotoxic effects of <i>Annona squamosa</i> seed extract in rats. <i>Food and Chemical Toxicology</i> , 2009, 47, 1964-1971.	1.8	11

#	ARTICLE	IF	CITATIONS
514	Systematic evaluation of the antioxidant potential of different parts of <i>Foeniculum vulgare</i> Mill. from Portugal. <i>Food and Chemical Toxicology</i> , 2009, 47, 2458-2464.	1.8	73
515	Safety assessment of black cumin fixed and essential oil in normal Sprague dawley rats: Serological and hematological indices. <i>Food and Chemical Toxicology</i> , 2009, 47, 2768-2775.	1.8	35
516	Decreased anxiety-like behavior and locomotor/exploratory activity, and modulation in hypothalamus, hippocampus, and frontal cortex redox profile in sexually receptive female rats after short-term exposure to male chemical cues. <i>Behavioural Brain Research</i> , 2009, 199, 263-270.	1.2	9
517	DHEA effects on myocardial Akt signaling modulation and oxidative stress changes in aged rats. <i>Steroids</i> , 2009, 74, 1045-1050.	0.8	18
518	Flow injection based methods for fast screening of antioxidant capacity. <i>Talanta</i> , 2009, 77, 1559-1566.	2.9	72
519	Automatic flow injection based methodologies for determination of scavenging capacity against biologically relevant reactive species of oxygen and nitrogen. <i>Talanta</i> , 2009, 78, 1219-1226.	2.9	20
520	Evaluation of antigenotoxic activity of isoliquiritin apioside from <i>Glycyrrhiza glabra</i> L.. <i>Toxicology in Vitro</i> , 2009, 23, 680-686.	1.1	54
521	Antioxidant effects of mycophenolate mofetil in a murine pleurisy model. <i>Transplant Immunology</i> , 2009, 22, 12-17.	0.6	20
522	Effects of N-acetylcysteine on Semen Parameters and Oxidative/Antioxidant Status. <i>Urology</i> , 2009, 74, 73-76.	0.5	138
523	Î±-Ketoglutarate dehydrogenase contributes to production of reactive oxygen species in glutamate-stimulated hippocampal neurons in situ. <i>Neuroscience</i> , 2009, 158, 610-616.	1.1	65
524	Mitochondrial function and redox state in mammalian embryos. <i>Seminars in Cell and Developmental Biology</i> , 2009, 20, 346-353.	2.3	214
525	Impact of oxidative stress on the health and immune function of dairy cattle. <i>Veterinary Immunology and Immunopathology</i> , 2009, 128, 104-109.	0.5	495
526	Redox signalling and miRNA function in cardiomyocytes. <i>Journal of Molecular and Cellular Cardiology</i> , 2009, 47, 2-4.	0.9	7
527	Retained features of embryonic metabolism in the adult MRL mouse. <i>Molecular Genetics and Metabolism</i> , 2009, 96, 133-144.	0.5	69
528	Pulsed electromagnetic field at 9.71GHz increase free radical production in yeast (<i>Saccharomyces</i>) Tj ETQq0 0 0 rgBT ₁ /Overlock 10 Tf 50	2.2	17
529	TLC bioautography-guided isolation of antioxidants from fruit of <i>Perilla frutescens</i> var. <i>acuta</i> . <i>LWT - Food Science and Technology</i> , 2009, 42, 131-136.	2.5	73
530	Environmental toxicity, redox signaling and lung inflammation: The role of glutathione. <i>Molecular Aspects of Medicine</i> , 2009, 30, 60-76.	2.7	283
531	The proteasomal system. <i>Molecular Aspects of Medicine</i> , 2009, 30, 191-296.	2.7	353

#	ARTICLE	IF	CITATIONS
532	Effects of the hook of <i>Uncaria rhynchophylla</i> on neurotoxicity in the 6-hydroxydopamine model of Parkinson's disease. <i>Journal of Ethnopharmacology</i> , 2009, 126, 361-365.	2.0	83
533	Hypothetical hormonal mechanism by which potassium-rich diets benefit patients with rheumatoid arthritis. <i>Medical Hypotheses</i> , 2009, 73, 564-568.	0.8	6
534	Degenerative diseases, oxidative stress and cytochrome c oxidase function. <i>Trends in Molecular Medicine</i> , 2009, 15, 139-147.	3.5	76
535	Oxidative stress in bone remodelling and disease. <i>Trends in Molecular Medicine</i> , 2009, 15, 468-477.	3.5	379
536	The role of antioxidants and antioxidant-related enzymes in protective responses to environmentally induced oxidative stress. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2009, 674, 137-147.	0.9	613
537	Oxidative stress in environmental-induced carcinogenesis. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2009, 674, 36-44.	0.9	288
538	Biomarkers of oxidative stress and damage in human populations exposed to arsenic. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2009, 674, 85-92.	0.9	141
539	Metal-induced carcinogenesis, oxidative stress and hypoxia signalling. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2009, 674, 31-35.	0.9	107
540	Environmental toxicity, oxidative stress and apoptosis: MÃ©nage Ã Trois. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2009, 674, 3-22.	0.9	438
541	Investigation of oxidative stress in patients with chronic tonsillitis. <i>Auris Nasus Larynx</i> , 2009, 36, 340-344.	0.5	14
542	Biomarkers of oxidative and nitrosative damage in Alzheimer's disease and mild cognitive impairment. <i>Ageing Research Reviews</i> , 2009, 8, 285-305.	5.0	211
543	Mitochondrial Glutathione, a Key Survival Antioxidant. <i>Antioxidants and Redox Signaling</i> , 2009, 11, 2685-2700.	2.5	777
544	Association of Oxidative Stress with Realgar-Induced Differentiation in Human Leukemia HL-60 Cells. <i>Chemotherapy</i> , 2009, 55, 460-467.	0.8	14
545	Glutathione dysregulation and the etiology and progression of human diseases. <i>Biological Chemistry</i> , 2009, 390, 191-214.	1.2	873
547	Evaluation of the impacts of homocysteine and hypoxia on vascular endothelial function based on the profiling of neuro-endocrine-immunity network in rats. <i>Pharmacological Research</i> , 2009, 60, 277-283.	3.1	2
548	Cocoa: antioxidant and immunomodulator. <i>British Journal of Nutrition</i> , 2009, 101, 931-940.	1.2	113
549	Nutrimetabolomics: development of a bio-identification toolbox to determine the bioactive compounds in grape juice. <i>Bioanalysis</i> , 2009, 1, 1537-1549.	0.6	4
550	Stress as an Intercellular Signal: The Emergence of Stress-Associated Molecular Patterns (SAMP). <i>Antioxidants and Redox Signaling</i> , 2009, 11, 2621-2629.	2.5	31

#	ARTICLE	IF	CITATIONS
551	Differential receptor-mediated drug targeting to the diseased brain. <i>Expert Opinion on Drug Delivery</i> , 2009, 6, 227-237.	2.4	75
552	Acute exercise and oxidative stress: a 30 year history. <i>Dynamic Medicine: DM</i> , 2009, 8, 1.	2.7	515
553	Total Antioxidant Activity and Total Phenolic Contents in Different Turkish Eggplant (<i>Solanum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 662	1.3	88
554	A Randomized Controlled Trial of Antioxidant Supplementation for Pain Relief in Patients With Chronic Pancreatitis. <i>Gastroenterology</i> , 2009, 136, 149-159.e2.	0.6	227
555	Effects of <i>Panax notoginseng</i> saponins on apoptosis induced by hydrogen peroxide in cultured rabbit bone marrow stromal cells via altering the oxidative stress level and down-regulating caspase-3. <i>Journal of Nanjing Medical University</i> , 2009, 23, 373-379.	0.1	2
556	Dynamic Changes in Phenolic Compounds and Antioxidant Activity in Oats (<i>Avena nuda</i>) during Steeping and Germination. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 10392-10398.	2.4	143
557	Antioxidant enzymes and lipid peroxidation in endometrium of patients with polyps, myoma, hyperplasia and adenocarcinoma. <i>Reproductive Biology and Endocrinology</i> , 2009, 7, 149.	1.4	51
558	Reduced levels of reactive oxygen species correlate with inhibition of apoptosis, rise in thioredoxin expression and increased bovine leukemia virus proviral loads. <i>Retrovirology</i> , 2009, 6, 102.	0.9	12
559	Effect of oral acetyl L-carnitine arginate on resting and postprandial blood biomarkers in pre-diabetics. <i>Nutrition and Metabolism</i> , 2009, 6, 25.	1.3	28
561	Antioxidant capacity and phenolic acids of virgin coconut oil. <i>International Journal of Food Sciences and Nutrition</i> , 2009, 60, 114-123.	1.3	181
562	Antioxidant effect of polyphenolic glabridin on LDL oxidation. <i>Toxicology and Industrial Health</i> , 2009, 25, 321-324.	0.6	43
563	Pentacyclic Triterpenes of the Lupane, Oleanane and Ursane Group as Tools in Cancer Therapy. <i>Planta Medica</i> , 2009, 75, 1549-1560.	0.7	406
564	Biochemical Evaluation of Genotoxic Biomarkers for 2-Deoxyribonolactone-Mediated Cross-Link Formation with Histones. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2009, 72, 1311-1317.	1.1	5
565	Green Tea: Nature's Defense against Malignancies. <i>Critical Reviews in Food Science and Nutrition</i> , 2009, 49, 463-473.	5.4	179
568	Antioxidant activity and <i>in vitro</i> inhibition of tumor cell growth by leaf extracts from the carob tree (<i>Ceratonia siliqua</i>). <i>Pharmaceutical Biology</i> , 2009, 47, 721-728.	1.3	27
569	Cardiovascular Endocrinology. , 2009, , .		3
570	Oxidative Stress in Retinoblastoma: Correlations with Clinicopathologic Features and Tumor Invasiveness. <i>Current Eye Research</i> , 2009, 34, 1011-1018.	0.7	13
572	Redox Control of the Cell Cycle in Health and Disease. <i>Antioxidants and Redox Signaling</i> , 2009, 11, 2985-3011.	2.5	326

#	ARTICLE	IF	CITATIONS
573	Oxidative stress and innate immunity in feline patients with diabetes mellitus: The role of nutrition. <i>Journal of Feline Medicine and Surgery</i> , 2009, 11, 271-276.	0.6	10
574	The Insulin-Like Growth Factor Family: Molecular Mechanisms, Redox Regulation, and Clinical Implications. <i>Antioxidants and Redox Signaling</i> , 2009, 11, 1165-1190.	2.5	58
575	Metabolic factors affecting the inflammatory response of periparturient dairy cows. <i>Animal Health Research Reviews</i> , 2009, 10, 53-63.	1.4	276
576	Oxidative stress is fundamental to hyperbaric oxygen therapy. <i>Journal of Applied Physiology</i> , 2009, 106, 988-995.	1.2	238
577	Assessment of oxidative stress in coronary artery bypass surgery: comparison between the global index OXY-SCORE and individual biomarkers. <i>Biomarkers</i> , 2009, 14, 465-472.	0.9	20
578	Inhibition of reactive oxygen species and pre-neoplastic lesions by quercetin through an antioxidant defense mechanism. <i>Free Radical Research</i> , 2009, 43, 128-137.	1.5	100
579	Mitochondrial manganese superoxide dismutase mRNA expression in human chorioamniotic membranes and its association with labor, inflammation, and infection. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2009, 22, 1000-1013.	0.7	43
580	Modulation of SERCA in the chronic phase of adjuvant arthritis as a possible adaptation mechanism of redox imbalance. <i>Free Radical Research</i> , 2009, 43, 852-864.	1.5	9
581	Effect of toluene on erythrocyte membrane stability under in vivo and in vitro conditions with assessment of oxidant/antioxidant status. <i>Toxicology and Industrial Health</i> , 2009, 25, 545-550.	0.6	26
582	Telomeric DNA induces p53-dependent reactive oxygen species and protects against oxidative damage. <i>Journal of Dermatological Science</i> , 2009, 56, 154-162.	1.0	23
583	Evaluation of antioxidant and proinflammatory gene expression in bovine mammary tissue during the periparturient period. <i>Journal of Dairy Science</i> , 2009, 92, 589-598.	1.4	75
584	Cardiac biomarkers in a model of acute catecholamine cardiotoxicity. <i>Human and Experimental Toxicology</i> , 2009, 28, 631-640.	1.1	28
585	Antioxidant Status and Biomarkers of Oxidative Stress in Dogs with Lymphoma. <i>Journal of Veterinary Internal Medicine</i> , 2009, 23, 311-316.	0.6	39
586	Physiology of Cell Volume Regulation in Vertebrates. <i>Physiological Reviews</i> , 2009, 89, 193-277.	13.1	1,229
587	Introduction to Signalling Cascades. , 2009, , 37-75.		1
588	Recombinant. , 2008, , 2573-2573.		0
589	Lipid peroxidation and antioxidant protection in patients during acute depressive episodes and in remission after fluoxetine treatment. <i>Pharmacological Reports</i> , 2009, 61, 436-447.	1.5	183
590	Enhanced detection of H ₂ O ₂ in cells expressing Horseradish Peroxidase. <i>Free Radical Research</i> , 2009, 43, 446-456.	1.5	5

#	ARTICLE	IF	CITATIONS
591	Acidic catalase in human skin in vivo: a new marker of permanent damage. <i>Melanoma Research</i> , 2009, 19, 372-378.	0.6	3
592	Postprandial Oxidative Stress. <i>Medicine and Science in Sports and Exercise</i> , 2009, 41, 2111-2119.	0.2	33
593	Effects of Reduced Compliance on Endothelial Functionality With Regards to Inflammation. , 2009, , .		0
594	<i>Trans</i> -fatty acids and cancer: a mini-review. <i>British Journal of Nutrition</i> , 2009, 102, 1254-1266.	1.2	49
595	Cloves (Eugenol). , 2009, , 117-148.		3
596	NADH Dehydrogenase Subunit-2 237 Leu/Met Polymorphism Modulates the Effects of Coffee Consumption on the Risk of Hypertension in Middle-Aged Japanese Men. <i>Journal of Epidemiology</i> , 2009, 19, 231-236.	1.1	19
597	Berberine Protects Mesenchymal Stem Cells against Hypoxia-Induced Apoptosis in Vitro. <i>Biological and Pharmaceutical Bulletin</i> , 2009, 32, 1335-1342.	0.6	54
598	Decreased Serum Paraoxonase 1 Activity and Increased Serum Homocysteine and Malondialdehyde Levels in Age-Related Macular Degeneration. <i>Tohoku Journal of Experimental Medicine</i> , 2009, 217, 17-22.	0.5	52
599	Neuroprotective Effects of (-)-Epigallocatechin-3-gallate on Aging Mice Induced by D-Galactose. <i>Biological and Pharmaceutical Bulletin</i> , 2009, 32, 55-60.	0.6	91
600	Glutathionylation of p65NF- κ B correlates with proliferating/apoptotic hepatoma cells exposed to pro- and anti-oxidants. <i>International Journal of Molecular Medicine</i> , 2009, 24, 319-26.	1.8	18
601	Effect of N-acetylcysteine on Radiation-induced Genotoxicity and Cytotoxicity in Rat Bone Marrow. <i>Journal of Radiation Research</i> , 2009, 50, 43-50.	0.8	30
602	Serum Prolidase Activity and Oxidative Status in Patients With Stage I Endometrial Cancer. <i>International Journal of Gynecological Cancer</i> , 2009, 19, 1244-1247.	1.2	34
603	High Levels of Autoantibodies Against Catalase and Superoxide Dismutase in Nasopharyngeal Carcinoma. <i>Southern Medical Journal</i> , 2009, 102, 1222-1226.	0.3	5
604	miR-290 acts as a physiological effector of senescence in mouse embryo fibroblasts. <i>Physiological Genomics</i> , 2009, 39, 210-218.	1.0	34
605	Targeting Rho GTPases by Peptidic Structures. <i>Current Pharmaceutical Design</i> , 2009, 15, 2481-2487.	0.9	24
606	Redox Regulation of Myocardial Erk 1/2 Phosphorylation in Experimental Hyperthyroidism: Role of Thioredoxin-Peroxiredoxin System. <i>Journal of Cardiovascular Pharmacology</i> , 2010, 56, 513-517.	0.8	18
607	Small-Volume d- β -Hydroxybutyrate Solution Infusion Increases Survivability of Lethal Hemorrhagic Shock in Rats. <i>Shock</i> , 2010, 34, 565-572.	1.0	32
608	Oxidative Stress and Endothelial Dysfunction: Say NO to Cigarette Smoking!. <i>Current Pharmaceutical Design</i> , 2010, 16, 2539-2550.	0.9	65

#	ARTICLE	IF	CITATIONS
609	Understanding the Role of Aldose Reductase in Ocular Inflammation. <i>Current Molecular Medicine</i> , 2010, 10, 540-549.	0.6	1
610	Inter-individual variation in DNA damage and base excision repair in young, healthy non-smokers: effects of dietary supplementation and genotype. <i>British Journal of Nutrition</i> , 2010, 103, 1585-1593.	1.2	40
611	Biotransformed blueberry juice protects neurons from hydrogen peroxide-induced oxidative stress and mitogen-activated protein kinase pathway alterations. <i>British Journal of Nutrition</i> , 2010, 104, 656-663.	1.2	30
612	The effect of vitamin E and plant extract mixture composed of carvacrol, cinnamaldehyde and capsaicin on oxidative stress induced by high PUFA load in young pigs. <i>Animal</i> , 2010, 4, 572-578.	1.3	28
613	Photoactivation of 9-hydroxypheophorbide $\hat{I}\pm$ triggers apoptosis through the reactive oxygen species-mediated mitochondrial pathway and endoplasmic reticulum stress in AMC-HN-3 laryngeal cancer cells. <i>International Journal of Oncology</i> , 2010, 36, 801-8.	1.4	7
614	RONS formation under restrictive reperfusion does not affect organ dysfunction early after hemorrhage and trauma. <i>Shock</i> , 2010, 34, 384-389.	1.0	6
615	Antioxidants and Pulmonary Function Among Police Officers. <i>Journal of Occupational and Environmental Medicine</i> , 2010, 52, 1124-1131.	0.9	3
616	Effect of <i>Mamordica charantia</i> L. Powder on Antioxidant Superoxide Dismutase in Liver and Kidney of Diabetic Rats. <i>HAYATI Journal of Biosciences</i> , 2010, 17, 53-57.	0.1	1
617	Role of Oxidative Stress in the Progression of Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2010, 19, 341-353.	1.2	282
618	A Simple Growth Test of a <i>Saccharomyces cerevisiae</i> Cu, Zn-Superoxide Dismutase-Deficient Mutant in Hypertonic Medium for Biological Evaluation of Antioxidants. <i>Food Science and Technology Research</i> , 2010, 16, 267-272.	0.3	7
619	Chemical composition and antioxidant properties of ginger root (<i>Zingiber officinale</i>). <i>Journal of Medicinal Plants Research</i> , 2010, 4, 2674-2679.	0.2	140
620	Evaluation of Antioxidant Potential of <i>Lavandula x intermedia</i> Emeric ex Loisel. 'Budrovka': A Comparative Study with <i>L. angustifolia</i> Mill.. <i>Molecules</i> , 2010, 15, 5971-5987.	1.7	66
621	Oxidative and Nitrosative Stress in the Metastatic Microenvironment. <i>Cancers</i> , 2010, 2, 274-304.	1.7	26
624	Functional Foods. , 2010, , 1-4.		0
625	Protective Effects of Korean Mistletoe Lectin on Radical-Induced Oxidative Stress. <i>Biological and Pharmaceutical Bulletin</i> , 2010, 33, 1152-1158.	0.6	24
626	1-(3'-[125I]iodophenyl)-3-methy-2-pyrazolin-5-one: Preparation, Solution Stability, and Biodistribution in Normal Mice. <i>Chemical and Pharmaceutical Bulletin</i> , 2010, 58, 1020-1025.	0.6	10
627	Dietary Antioxidants and Oxidative Stress from a Human and Plant Perspective: A Review. <i>Current Nutrition and Food Science</i> , 2010, 6, 2-12.	0.3	114
628	Comparison of pressurised fluid and ultrasonic extraction methods for analysis of plant antioxidants and their antioxidant capacity. <i>Open Chemistry</i> , 2010, 8, 87-95.	1.0	34

#	ARTICLE	IF	CITATIONS
629	Involvement of plasma membrane redox systems in hormone action. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 59, 1711-1720.	1.2	13
630	Protective effects of sodium para-amino salicylate on manganese-induced neuronal death: the involvement of reactive oxygen species. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 61, 1563-1569.	1.2	15
631	Optimization and Validation of RP-LC/UV-VIS Detection Method for Simultaneous Determination of Fat-Soluble Anti-Oxidant Vitamins, all-trans-Retinol and α -Tocopherol in Human Serum: Effect of Experimental Parameters. <i>Chromatographia</i> , 2010, 71, 577-586.	0.7	15
632	Chemical composition and In vitro antioxidant and antidiabetic activities of <i>Eucalyptus Camaldulensis</i> Dehnh. essential oil. <i>Journal of the Iranian Chemical Society</i> , 2010, 7, 216-226.	1.2	74
633	Principal-Component Analysis for Assessment of Population Stratification in Mitochondrial Medical Genetics. <i>American Journal of Human Genetics</i> , 2010, 86, 904-917.	2.6	45
634	Piper sarmentosum as an antioxidant on oxidative stress in human umbilical vein endothelial cells induced by hydrogen peroxide. <i>Journal of Zhejiang University: Science B</i> , 2010, 11, 357-365.	1.3	50
635	Secondary Metabolites from <i>Inula britannica</i> L. and Their Biological Activities. <i>Molecules</i> , 2010, 15, 1562-1577.	1.7	79
636	Nrf2-ARE stress response mechanism: A control point in oxidative stress-mediated dysfunctions and chronic inflammatory diseases. <i>Free Radical Research</i> , 2010, 44, 1267-1288.	1.5	250
637	The effect of ascorbic acid supplementation on brain oxidative events in experimental diabetes. <i>Medicinal Chemistry Research</i> , 2010, 19, 364-374.	1.1	3
638	Towards a unifying, systems biology understanding of large-scale cellular death and destruction caused by poorly liganded iron: Parkinson's, Huntington's, Alzheimer's, prions, bactericides, chemical toxicology and others as examples. <i>Archives of Toxicology</i> , 2010, 84, 825-889.	1.9	330
639	Selenium: a double-edged sword for defense and offence in cancer. <i>Archives of Toxicology</i> , 2010, 84, 919-938.	1.9	282
640	Induction of Oxidative Stress in the Epididymis of Rats After Subchronic Exposure to Epichlorohydrin. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2010, 84, 667-671.	1.3	4
641	Dual Role of Vitamin C Utilization in NO ₂ -Induced Oxidative Stress in Lung Tissues of Mice. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2010, 84, 662-666.	1.3	5
642	New ruthenium(II) complexes with N-alkylphenothiazines: Synthesis, structure, in vivo activity as free radical scavengers and in vitro cytotoxicity. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 3669-3676.	2.6	17
643	An optimized and validated RP-HPLC/UV detection method for simultaneous determination of all-trans-Retinol (Vitamin A) and α -Tocopherol (Vitamin E) in human serum: Comparison of different particulate reversed-phase HPLC columns. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2010, 878, 2339-2347.	1.2	42
644	The protective activities of water-soluble C ₆₀ derivatives against nitric oxide-induced cytotoxicity in rat pheochromocytoma cells. <i>Biomaterials</i> , 2010, 31, 8872-8881.	5.7	32
645	In vitro and in vivo antioxidant activity of exopolysaccharides from endophytic bacterium <i>Paenibacillus polymyxa</i> EJS-3. <i>Carbohydrate Polymers</i> , 2010, 82, 1278-1283.	5.1	153
646	Astaxanthin addition improves human neutrophils function: in vitro study. <i>European Journal of Nutrition</i> , 2010, 49, 447-457.	1.8	69

#	ARTICLE	IF	CITATIONS
647	Autoantibody against one of the antioxidant repair enzymes, methionine sulfoxide reductase A, in systemic sclerosis: association with pulmonary fibrosis and vascular damage. Archives of Dermatological Research, 2010, 302, 27-35.	1.1	33
648	Effects of increasing ratio of progesterone in estrogen/progesterone combination on total oxidant/antioxidant status in rat uterus and plasma. Archives of Gynecology and Obstetrics, 2010, 281, 23-28.	0.8	6
649	Development of a device for chemiluminescence determination of superoxide generated inside a dialysis hollow-fiber membrane. Journal of Artificial Organs, 2010, 13, 58-62.	0.4	1
650	Ultrastructural changes of cornea after ethanol ingestion in Otsuka Long-Evans Tokushima fatty (OLETF) and Long-Evans Tokushima Otsuka (LETO) rats. Graefe's Archive for Clinical and Experimental Ophthalmology, 2010, 248, 1457-1466.	1.0	5
651	Experimental Cytomorphological Studies of the Reaction of Mononuclear Phagocyte System in Granulomatosis of Mixed (Silicotic and Tuberculous) Etiology. Bulletin of Experimental Biology and Medicine, 2010, 149, 462-465.	0.3	6
652	Wild type but not mutant APP is involved in protective adaptive responses against oxidants. Amino Acids, 2010, 39, 271-283.	1.2	11
653	NecroX as a novel class of mitochondrial reactive oxygen species and ONOO ⁻ scavenger. Archives of Pharmacal Research, 2010, 33, 1813-1823.	2.7	73
654	Reconvene and Reconnect the Antioxidant Hypothesis in Human Health and Disease. Indian Journal of Clinical Biochemistry, 2010, 25, 225-243.	0.9	33
655	Evaluation of the toxicological properties and hepatoprotective effects of PAI-N002, a mixture of herbal extracts, in rats. Molecular and Cellular Toxicology, 2010, 6, 239-246.	0.8	3
656	Juglanone, a novel \pm -tetralonyl derivative with potent antioxidant activity from Juglans mandshurica. Journal of Natural Medicines, 2010, 64, 496-499.	1.1	20
657	A Comparative Study of the Oxidative Profile in Graves [®] ™ Disease, Hashimoto [®] ™s Thyroiditis, and Papillary Thyroid Cancer. Biological Trace Element Research, 2010, 138, 107-115.	1.9	61
658	Nitrogen Compounds Prevent H9c2 Myoblast Oxidative Stress-Induced Mitochondrial Dysfunction and Cell Death. Cardiovascular Toxicology, 2010, 10, 51-65.	1.1	18
659	Antioxidant and Anticancer Properties and Mechanisms of Inorganic Selenium, Oxo-Sulfur, and Oxo-Selenium Compounds. Cell Biochemistry and Biophysics, 2010, 58, 1-23.	0.9	95
660	Protective effects and mechanism of Panax Notoginseng saponins on oxidative stress-induced damage and apoptosis of rabbit bone marrow stromal cells. Chinese Journal of Integrative Medicine, 2010, 16, 525-530.	0.7	22
661	Antioxidant enzymes and cancer. Chinese Journal of Cancer Research: Official Journal of China Anti-Cancer Association, Beijing Institute for Cancer Research, 2010, 22, 87-92.	0.7	139
662	Dehydrosilybin attenuates the production of ROS in rat cardiomyocyte mitochondria with an uncoupler-like mechanism. Journal of Bioenergetics and Biomembranes, 2010, 42, 499-509.	1.0	27
663	Effect of Acute Administration of 3-Butyl-1-Phenyl-2-(Phenyltelluro)Oct-En-1-One on Oxidative Stress in Cerebral Cortex, Hippocampus, and Cerebellum of Rats. Cellular and Molecular Neurobiology, 2010, 30, 1135-1142.	1.7	11
664	Phycobiliproteins from Pseudanabaena tenuis rich in c-phycoerythrin protect against HgCl ₂ -caused oxidative stress and cellular damage in the kidney. Journal of Applied Phycology, 2010, 22, 495-501.	1.5	53

#	ARTICLE	IF	CITATIONS
665	Metals, oxidative stress and neurodegenerative disorders. <i>Molecular and Cellular Biochemistry</i> , 2010, 345, 91-104.	1.4	891
666	Microbicidal Action of Indole-3-Acetic Acid Combined with Horseradish Peroxidase on <i>Prototheca</i> from Bovine Mastitis. <i>Mycopathologia</i> , 2010, 169, 99-105.	1.3	7
667	Temperature Dependence of the Sodium Pump is Altered in the Cerebral Cortex of CCK2 Receptor-Deficient Mice. <i>Neurochemical Research</i> , 2010, 35, 688-692.	1.6	3
668	X-ray structural analysis, antioxidant and cytotoxic activity of newly synthesized salicylic acid derivatives. <i>Structural Chemistry</i> , 2010, 21, 67-78.	1.0	6
669	Hydroxycinnamates and their in vitro and in vivo antioxidant activities. <i>Phytochemistry Reviews</i> , 2010, 9, 147-170.	3.1	202
670	A Search for Hepatoprotective Activity of Fruit Extract of <i>Mangifera indica</i> L. Against Oxidative Stress Cytotoxicity. <i>Plant Foods for Human Nutrition</i> , 2010, 65, 83-89.	1.4	34
671	Oxidative stress in Egyptian children with autism: relation to autoimmunity. <i>Journal of Neuroimmunology</i> , 2010, 219, 114-118.	1.1	96
672	Chronic inflammation and mutagenesis. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2010, 690, 3-11.	0.4	118
673	Study of gene expression profiles in TK6 human cells exposed to DNA-oxidizing agents. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2010, 689, 21-49.	0.4	15
674	Effects of duodenal redox status on calcium absorption and related genes expression in high-fat diet-fed mice. <i>Nutrition</i> , 2010, 26, 1188-1194.	1.1	45
675	Coadministration of huperzine A and ligustrazine phosphate effectively reverses scopolamine-induced amnesia in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2010, 96, 449-453.	1.3	34
676	Interaction of oxidative stress, nitric oxide and peroxisome proliferator activated receptor β in acute renal failure. , 2010, 125, 436-445.		23
677	Targeting tissue oxidative damage by means of cell signaling modulators: The antioxidant concept revisited. , 2010, 128, 336-374.		72
678	Mitochondrial recombination increases with age in <i>Podospora anserina</i> . <i>Mechanisms of Ageing and Development</i> , 2010, 131, 315-322.	2.2	17
679	Evidence against a direct role for oxidative stress in cadmium-induced axial malformation in the chick embryo. <i>Toxicology and Applied Pharmacology</i> , 2010, 243, 390-398.	1.3	23
680	Arsenic alters monocyte superoxide anion and nitric oxide production in environmentally exposed children. <i>Toxicology and Applied Pharmacology</i> , 2010, 245, 244-251.	1.3	30
681	Detection of Superoxide Dismutase-1 in Nipple Aspirate Fluids: A Reactive Oxygen Species Regulating Enzyme in the Breast Cancer Microenvironment. <i>Clinical Breast Cancer</i> , 2010, 10, 238-245.	1.1	16
682	A direct relationship between aggressive behavior in the resident/intruder test and cell oxidative status in adult male mice. <i>European Journal of Pharmacology</i> , 2010, 627, 173-176.	1.7	38

#	ARTICLE	IF	CITATIONS
683	Radical scavenging abilities and hepatoprotective effect of [N, Nâ€²-Bis (salicylidene) ethane-1, 2-diaminato] oxovanadium (IV) complex in CCl4-treated rats. <i>Experimental and Toxicologic Pathology</i> , 2010, 62, 533-538.	2.1	9
684	Biomarkers of protein oxidation from a chemical, biological and medical point of view. <i>Experimental Gerontology</i> , 2010, 45, 733-737.	1.2	41
685	Redox imbalance influence in the myocardial Akt activation in aged rats treated with DHEA. <i>Experimental Gerontology</i> , 2010, 45, 957-963.	1.2	23
686	Menâ€™s oxidative stress, fluctuating asymmetry and physical attractiveness. <i>Animal Behaviour</i> , 2010, 80, 1005-1013.	0.8	59
687	Impact of mitochondriotropic quercetin derivatives on mitochondria. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2010, 1797, 189-196.	0.5	43
688	Detection and manipulation of mitochondrial reactive oxygen species in mammalian cells. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2010, 1797, 1034-1044.	0.5	133
689	Antioxidant defence systems and generation of reactive oxygen species in osteosarcoma cells with defective mitochondria: Effect of selenium. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2010, 1797, 890-896.	0.5	25
690	Hypoxia and mitochondrial oxidative metabolism. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2010, 1797, 1171-1177.	0.5	474
691	Mitochondrial respiration and membrane potential are regulated by the allosteric ATP-inhibition of cytochrome c oxidase. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2010, 1797, 1672-1680.	0.5	73
692	Transcriptional up-regulation of SOD1 by CEBPD: A potential target for cisplatin resistant human urothelial carcinoma cells. <i>Biochemical Pharmacology</i> , 2010, 80, 325-334.	2.0	59
693	Increased responsiveness to JNK1/2 mediates the enhanced H2O2-induced stimulation of Clâˆ’/HCO3âˆ’ exchanger activity in immortalized renal proximal tubular epithelial cells from the SHR. <i>Biochemical Pharmacology</i> , 2010, 80, 913-919.	2.0	7
694	Interaction between nitric oxide synthase inhibitor induced oscillations and the activation flow coupling response. <i>Brain Research</i> , 2010, 1309, 19-28.	1.1	9
695	Insulin treatment prevents diabetes-induced alterations in astrocyte glutamate uptake and GFAP content in rats at 4 and 8 weeks of diabetes duration. <i>Brain Research</i> , 2010, 1306, 131-141.	1.1	50
696	Surfactin induces apoptosis in human breast cancer MCF-7 cells through a ROS/JNK-mediated mitochondrial/caspase pathway. <i>Chemico-Biological Interactions</i> , 2010, 183, 357-362.	1.7	147
697	Molecular mechanisms of pesticide-induced neurotoxicity: Relevance to Parkinson's disease. <i>Chemico-Biological Interactions</i> , 2010, 188, 289-300.	1.7	202
698	Carnosic acid: A potent chemopreventive agent against oral carcinogenesis. <i>Chemico-Biological Interactions</i> , 2010, 188, 616-622.	1.7	56
699	Sub-chronic administration of doxorubicin to Wistar rats results in oxidative stress and unaltered apoptotic signaling in the lung. <i>Chemico-Biological Interactions</i> , 2010, 188, 478-486.	1.7	11
700	Superoxide production, oxidative damage and enzymatic antioxidant defenses in shark skeletal muscle. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2010, 156, 50-56.	0.8	40

#	ARTICLE	IF	CITATIONS
701	Cytoprotective activities of hydroxycinnamic acid amides of serotonin against oxidative stress-induced damage in HepG2 and HaCaT cells. <i>FÅ-toterapÃ-Ãç</i> , 2010, 81, 1134-1141.	1.1	23
702	The ginsenoside protopanaxatriol protects endothelial cells from hydrogen peroxide-induced cell injury and cell death by modulating intracellular redox status. <i>Free Radical Biology and Medicine</i> , 2010, 48, 437-445.	1.3	68
703	Membrane cholesterol contents modify the protective effects of quercetin and rutin on integrity and cellular viability in oxidized erythrocytes. <i>Free Radical Biology and Medicine</i> , 2010, 48, 1444-1454.	1.3	24
704	After cellular internalization, quercetin causes Nrf2 nuclear translocation, increases glutathione levels, and prevents neuronal death against an oxidative insult. <i>Free Radical Biology and Medicine</i> , 2010, 49, 738-747.	1.3	172
705	Electron-transfer processes induced by the triplet state of pterins in aqueous solutions. <i>Free Radical Biology and Medicine</i> , 2010, 49, 1014-1022.	1.3	32
706	Hydrogen peroxide mediates EGCG-induced antioxidant protection in human keratinocytes. <i>Free Radical Biology and Medicine</i> , 2010, 49, 1444-1452.	1.3	54
707	Oxidative stress, inflammation, and cancer: How are they linked?. <i>Free Radical Biology and Medicine</i> , 2010, 49, 1603-1616.	1.3	3,991
709	Lower postprandial oxidative stress in women compared with men. <i>Gender Medicine</i> , 2010, 7, 340-349.	1.4	29
710	Pomegranate and its Many Functional Components as Related to Human Health: A Review. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2010, 9, 635-654.	5.9	539
711	Cellular pathophysiological consequences of BCS1L mutations in mitochondrial complex III enzyme deficiency. <i>Human Mutation</i> , 2010, 31, 930-941.	1.1	61
712	Ion channels in toxicology. <i>Journal of Applied Toxicology</i> , 2010, 30, 497-512.	1.4	45
713	Fullereneâ€polyvinylpyrrolidone clathrate localizes in the cytoplasm to prevent Ultravioletâ€A rayâ€induced DNAâ€fragmentation and activation of the transcriptional factor NFâ€kappaB. <i>Journal of Cellular Biochemistry</i> , 2010, 111, 955-966.	1.2	12
714	Hedgehog signaling and osteogenic differentiation in multipotent bone marrow stromal cells are inhibited by oxidative stress. <i>Journal of Cellular Biochemistry</i> , 2010, 111, 1199-1209.	1.2	80
715	Signaling by ROS drives inflammasome activation. <i>European Journal of Immunology</i> , 2010, 40, 616-619.	1.6	523
716	Antioxidant Activity of Degradable Polymer Poly(trox ester) to Suppress Oxidative Stress Injury in the Cells. <i>Advanced Functional Materials</i> , 2010, 20, 147-154.	7.8	76
717	Increased resistance to hydrogen peroxideâ€induced cardiac contracture is associated with decreased myocardial oxidative stress in hypothyroid rats. <i>Cell Biochemistry and Function</i> , 2010, 28, 38-44.	1.4	17
718	Testosterone suppresses oxidative stress in human neutrophils. <i>Cell Biochemistry and Function</i> , 2010, 28, 394-402.	1.4	65
719	Scirpusin A, a hydroxystilbene dimer from Xinjiang wine grape, acts as an effective singlet oxygen quencher and DNA damage protector. <i>Journal of the Science of Food and Agriculture</i> , 2010, 90, 823-828.	1.7	26

#	ARTICLE	IF	CITATIONS
720	Antioxidant properties, radical scavenging activity and biomolecule protection capacity of flavonoid naringenin and its glycoside naringin: a comparative study. <i>Journal of the Science of Food and Agriculture</i> , 2010, 90, 1238-1244.	1.7	322
721	Rapid screening and identification of the antioxidants in <i>Hippocampus japonicus</i> Kaup by HPLC-ESI-TOF/MS and on-line ABTS free radical scavenging assay. <i>Journal of Separation Science</i> , 2010, 33, 672-677.	1.3	19
722	Oxidized low-density lipoprotein (oxLDL)-induced cell death in dorsal root ganglion cell cultures depends not on the lectin-like oxLDL receptor-1 but on the toll-like receptor-4. <i>Journal of Neuroscience Research</i> , 2010, 88, 403-412.	1.3	38
723	Antiapoptotic effects of anthocyanins on rotator cuff tenofibroblasts. <i>Journal of Orthopaedic Research</i> , 2010, 28, 1162-1169.	1.2	37
724	Instant coffee with high chlorogenic acid levels protects humans against oxidative damage of macromolecules. <i>Molecular Nutrition and Food Research</i> , 2010, 54, 1722-1733.	1.5	119
725	In vitro antioxidant activity of a peptide isolated from Nile tilapia (<i>Oreochromis niloticus</i>) scale gelatin in free radical-mediated oxidative systems. <i>Journal of Functional Foods</i> , 2010, 2, 107-117.	1.6	154
726	Cocoa flavonoids up-regulate antioxidant enzyme activity via the ERK1/2 pathway to protect against oxidative stress-induced apoptosis in HepG2 cells. <i>Journal of Nutritional Biochemistry</i> , 2010, 21, 196-205.	1.9	126
727	HPLC isolation of antioxidant constituents from <i>Xanthoparmelia</i> spp.. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010, 53, 165-171.	1.4	59
728	Using ultra-weak photon emission to determine the effect of oligomeric proanthocyanidins on oxidative stress of human skin. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2010, 98, 199-206.	1.7	28
729	Argon laser phototherapy could eliminate the damage effects induced by the ionizing radiation α - γ radiation in irradiated rabbits. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2010, 99, 29-35.	1.7	7
730	Estimation of the number of biophotons involved in the visual perception of a single-object image: Biophoton intensity can be considerably higher inside cells than outside. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2010, 100, 160-166.	1.7	49
731	Laccase-generated tetramethoxy azobismethylene quinone (TMAMQ) as a tool for antioxidant activity measurement. <i>Food Chemistry</i> , 2010, 118, 437-444.	4.2	23
732	Bioassay-guided isolation and EPR-assisted antioxidant evaluation of two valuable compounds from mango peels. <i>Food Chemistry</i> , 2010, 119, 1285-1292.	4.2	30
733	Inhibitory effects of sweet potato leaves on nitric oxide production and protein nitration. <i>Food Chemistry</i> , 2010, 121, 480-486.	4.2	16
734	The mechanisms of cytotoxicity of urethane dimethacrylate to Chinese hamster ovary cells. <i>Biomaterials</i> , 2010, 31, 6917-6925.	5.7	37
735	Protective effect of carvedilol on daunorubicin-induced cardiotoxicity and nephrotoxicity in rats. <i>Toxicology</i> , 2010, 274, 18-26.	2.0	58
736	Antioxidant activity of <i>Heterotheca inuloides</i> extracts and of some of its metabolites. <i>Toxicology</i> , 2010, 276, 41-48.	2.0	37
737	Applications and bioefficacy of the functional food supplement fermented papaya preparation. <i>Toxicology</i> , 2010, 278, 6-16.	2.0	50

#	ARTICLE	IF	CITATIONS
738	A fluorimetric semi-microplate format assay of protein carbonyls in blood plasma. <i>Analytical Biochemistry</i> , 2010, 400, 289-294.	1.1	28
739	High-performance liquid chromatography with post-column 2,2'-diphenyl-1-picrylhydrazyl radical scavenging assay: Methodological considerations and application to complex samples. <i>Analytica Chimica Acta</i> , 2010, 675, 76-82.	2.6	26
740	Decrease in antioxidant status of plasma and erythrocytes from patients with ankylosing spondylitis. <i>Clinical Biochemistry</i> , 2010, 43, 566-570.	0.8	23
741	Oxidative stress in hypercholesterolemia and its association with Ala16Val superoxide dismutase gene polymorphism. <i>Clinical Biochemistry</i> , 2010, 43, 1118-1123.	0.8	58
742	Picture representation during REM dreams: A redox molecular hypothesis. <i>BioSystems</i> , 2010, 100, 79-86.	0.9	7
743	Exploring a synthetic organoselenium compound for antioxidant pharmacotherapy's toxicity and effects on ROS-production. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 1783-1788.	1.4	21
744	Rapid and efficient microwave-assisted sulfate modification of lentinan and its antioxidant and antiproliferative activities in vitro. <i>Carbohydrate Polymers</i> , 2010, 82, 605-612.	5.1	45
745	Chemical composition and biological potential of seed oil and leaf extracts of <i>Henophyton</i> <i>deserti</i> Coss. & Durieu. <i>Comptes Rendus Chimie</i> , 2010, 13, 473-480.	0.2	8
746	Copper (II) complexes of the anti-inflammatory drug naproxen and 3-pyridylmethanol as auxiliary ligand. Characterization, superoxide dismutase and catecholase mimetic activities. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 3811-3817.	2.6	61
747	Pharmacological evidences for the extracts and secondary metabolites from plants of the genus <i>Hibiscus</i> . <i>Food Chemistry</i> , 2010, 118, 1-10.	4.2	113
748	Comprehensive evaluation of antioxidant activity for various substances with 5-axe cobweb chart. <i>Food Chemistry</i> , 2010, 120, 150-155.	4.2	19
749	Gene regulatory network reveals oxidative stress as the underlying molecular mechanism of type 2 diabetes and hypertension. <i>BMC Medical Genomics</i> , 2010, 3, 45.	0.7	46
750	The Senescence-Related Mitochondrial/Oxidative Stress Pathway is Repressed in Human Induced Pluripotent Stem Cells. <i>Stem Cells</i> , 2010, 28, 721-733.	1.4	548
751	Effects of acute and subacute garlic supplement administration on serum total antioxidant capacity and lipid parameters in healthy volunteers. <i>Phytotherapy Research</i> , 2010, 24, 374-378.	2.8	34
752	Antiinflammatory effects in THP-1 cells treated with verbascoside. <i>Phytotherapy Research</i> , 2010, 24, 1398-1404.	2.8	107
753	SBDS-deficiency results in deregulation of reactive oxygen species leading to increased cell death and decreased cell growth. <i>Pediatric Blood and Cancer</i> , 2010, 55, 1138-1144.	0.8	44
754	Neuroprotection by baicalein in ischemic brain injury involves PTEN/AKT pathway. <i>Journal of Neurochemistry</i> , 2010, 112, 1500-1512.	2.1	139
755	Enhancing the GLP-1 receptor signaling pathway leads to proliferation and neuroprotection in human neuroblastoma cells. <i>Journal of Neurochemistry</i> , 2010, 113, 1621-1631.	2.1	111

#	ARTICLE	IF	CITATIONS
756	FREE RADICAL-SCAVENGING ACTIVITIES OF LOW MOLECULAR WEIGHT CHITIN OLIGOSACCHARIDES LEAD TO ANTIOXIDANT EFFECT IN LIVE CELLS. <i>Journal of Food Biochemistry</i> , 0, 34, 161-177.	1.2	19
757	Sugar signalling and antioxidant network connections in plant cells. <i>FEBS Journal</i> , 2010, 277, 2022-2037.	2.2	433
758	Icariin Inhibits Hydrogen Peroxide-Mediated Cytotoxicity by Up-regulating Sirtuin Type 1-Dependent Catalase and Peroxiredoxin. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2010, 107, 899-905.	1.2	29
759	Ecological, biomedical and epidemiological approaches to understanding oxidative balance and ageing: what they can teach each other. <i>Functional Ecology</i> , 2010, 24, 997-1006.	1.7	14
760	Storage temperature and packaging condition affect the total phenolic content and antioxidant activity of black soybeans and koji. <i>International Journal of Food Science and Technology</i> , 2010, 45, 437-443.	1.3	3
761	Comparison of extraction conditions for phenolic, flavonoid content and determination of rosmarinic acid from <i>Perilla frutescens</i> var. <i>acuta</i> . <i>International Journal of Food Science and Technology</i> , 2010, 45, 1353-1359.	1.3	24
762	Glycoxidative stress-induced mitophagy modulates mitochondrial fates. <i>Annals of the New York Academy of Sciences</i> , 2010, 1201, 1-7.	1.8	24
763	Constitutive and induced functions of the p53 gene. <i>Biochemistry (Moscow)</i> , 2010, 75, 1692-1721.	0.7	12
764	Progeria syndromes and ageing: what is the connection?. <i>Nature Reviews Molecular Cell Biology</i> , 2010, 11, 567-578.	16.1	339
765	Isolation and Identification of Antioxidant Compounds from <i>Ligularia fischeri</i> . <i>Journal of Food Science</i> , 2010, 75, C530-5.	1.5	46
766	Methimazole-induced hypothyroidism causes alteration of the REDOX environment, oxidative stress, and hepatic damage; events not caused by hypothyroidism itself. <i>Annals of Hepatology</i> , 2010, 9, 80-88.	0.6	24
767	Vitamin E Ameliorates High Dose trans-Dehydrocrotonin-Associated Hepatic Damage in Mice. <i>Natural Product Communications</i> , 2010, 5, 1934578X1000500.	0.2	0
768	Haematological and Antioxidant Properties of Alloxan-Induced Diabetes Rats Supplemented with Antioxidant Micronutrients. <i>Nigerian Journal of Basic and Applied Sciences</i> , 2010, 18, .	0.0	0
769	Exogenous Antioxidants"Double-Edged Swords in Cellular Redox State: Health Beneficial Effects at Physiologic Doses versus Deleterious Effects at High Doses. <i>Oxidative Medicine and Cellular Longevity</i> , 2010, 3, 228-237.	1.9	804
770	Degenerative and Regenerative Events in the Central and Peripheral Nervous System*. , 2010, , 39-58.		1
771	Potential of the Dietary Antioxidants Resveratrol and Curcumin in Prevention and Treatment of Hematologic Malignancies. <i>Molecules</i> , 2010, 15, 7035-7074.	1.7	94
772	Flavonoids: Antioxidants Against Atherosclerosis. <i>Nutrients</i> , 2010, 2, 889-902.	1.7	158
773	Calprotectin (S100A8/S100A9) and Myeloperoxidase: Co-Regulators of Formation of Reactive Oxygen Species. <i>Toxins</i> , 2010, 2, 95-115.	1.5	13

#	ARTICLE	IF	CITATIONS
774	Genotoxicity and mutagenicity of <i>Echinodorus macrophyllus</i> (chapu-de-couro) extracts. <i>Genetics and Molecular Biology</i> , 2010, 33, 549-557.	0.6	13
775	Modulation of Radiation-Induced Genetic Damage by HCMV in Peripheral Blood Lymphocytes from a Brain Tumor Case-Control Study. <i>Cancers</i> , 2010, 2, 420-435.	1.7	2
776	Molecular Mechanisms of Ultraviolet Radiation-Induced DNA Damage and Repair. <i>Journal of Nucleic Acids</i> , 2010, 2010, 1-32.	0.8	810
777	A Synergistic Dysfunction of Mitochondrial Fission/Fusion Dynamics and Mitophagy in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2010, 20, S401-S412.	1.2	141
778	Protective effect of enzymatic hydrolysates from highbush blueberry (<i>Vaccinium</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 587 Td (coryn) fibroblast cell line. <i>Nutrition Research and Practice</i> , 2010, 4, 183.	0.7	14
779	The Role of Oxidative Stress in the Aging Process. <i>Scientific World Journal</i> , The, 2010, 10, 1121-1128.	0.8	112
780	The antioxidant and chemopreventive potentialities of <i>Mosidae</i> (<i>Adenophora remotiflora</i>) leaves. <i>Nutrition Research and Practice</i> , 2010, 4, 30.	0.7	5
781	Smoking-Induced Alterations in Platelet Membrane Fluidity and Na ⁺ /K ⁺ -ATPase Activity in Chronic Cigarette Smokers. <i>Journal of Atherosclerosis and Thrombosis</i> , 2010, 17, 619-627.	0.9	50
782	Polymorphisms in the Mitochondrial DNA Control Region and Frailty in Older Adults. <i>PLoS ONE</i> , 2010, 5, e11069.	1.1	44
783	Relationship between oxidative stress and diabetic osteopenia in premenopausal rats. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2010, 46, 539-549.	1.2	1
784	S-nitroso-N-acetylcysteine ameliorates ischemia-reperfusion injury in the steatotic liver. <i>Clinics</i> , 2010, 65, 715-721.	0.6	8
785	Preliminary phytochemical screening and antioxidant activity of leave extract of <i>Albizia chevalieri</i> harms (Leguminosae-Mimosoideae). <i>Bayero Journal of Pure and Applied Sciences</i> , 2010, 2, .	0.1	7
786	The effect of extract of bitter leaf (<i>Vernonia amygdalina</i>) on blood glucose levels of diabetic rats. <i>International Journal of Biological and Chemical Sciences</i> , 2010, 4, .	0.1	6
787	Airways oxidative stress, lung function and cognitive impairment in aging. <i>Monaldi Archives for Chest Disease</i> , 2010, 73, 5-11.	0.3	12
788	Espécies reativas do oxigênio e as doenças respiratórias em grandes animais. <i>Ciencia Rural</i> , 2010, 40, 994-1002.	0.3	10
789	The Development of Cannabinoid CB1 Receptor Agonists for the Treatment of Central Neuropathies. <i>Central Nervous System Agents in Medicinal Chemistry</i> , 2010, 10, 47-64.	0.5	27
790	Perfil proteico e metabolismo oxidativo de cordeiros experimentalmente infectados pelo <i>Haemonchus contortus</i> e suplementados com selênio e vitamina E. <i>Ciencia Rural</i> , 2010, 40, 561-567.	0.3	7
791	Skeletal Muscle Dysfunction in Patients with Chronic Obstructive Pulmonary Disease. <i>Tuberculosis and Respiratory Diseases</i> , 2010, 68, 125.	0.7	8

#	ARTICLE	IF	CITATIONS
792	Prediction of thioredoxin and glutaredoxin target proteins by identifying reversibly oxidized cysteinyl residues. <i>Journal of Integrative Bioinformatics</i> , 2010, 7, 208-218.	1.0	7
793	Diet and Neurocognition: Review of Evidence and Methodological Considerations. <i>Current Aging Science</i> , 2010, 3, 57-66.	0.4	46
794	Mitochondria: The Missing Link Between Preconditioning and Neuroprotection. <i>Journal of Alzheimer's Disease</i> , 2010, 20, S475-S485.	1.2	46
795	<i>Ocimum basilicum</i> L.: Phenolic Profile and Antioxidant-related Activity. <i>Natural Product Communications</i> , 2010, 5, 1934578X1000500.	0.2	6
796	Antioxidant activity from the leaf extracts of <i>Jacaranda puberula</i> Cham., Bignoniaceae, a Brazilian medicinal plant used for blood depuration. <i>Revista Brasileira De Farmacognosia</i> , 2010, 20, 147-153.	0.6	8
797	Antioxidative and Antidiarrheal Effects of Persimmon Extracts. <i>Laboratory Animal Research</i> , 2010, 26, 407.	1.1	1
798	Increased Mitochondrial Aldehydedehydrogenase in the putamen of individuals with Alzheimer's disease. <i>Journal of Alzheimer's Disease</i> , 2010, 19, 1295-1301.	1.2	34
799	The Roles of Reactive Oxygen Species Produced by Contact Allergens and Irritants in Monocyte-derived Dendritic Cells. <i>Annals of Dermatology</i> , 2010, 22, 269.	0.3	36
800	SOD1 Is Essential for the Viability of DT40 Cells and Nuclear SOD1 Functions as a Guardian of Genomic DNA. <i>Journal of Nucleic Acids</i> , 2010, 2010, 1-11.	0.8	26
801	Effects of acute electromagnetic field exposure and movement restraint on antioxidant system in liver, heart, kidney and plasma of Wistar rats: A preliminary report. <i>International Journal of Radiation Biology</i> , 2010, 86, 1088-1094.	1.0	54
802	Vitamin C supplements and the risk of age-related cataract: a population-based prospective cohort study in women. <i>American Journal of Clinical Nutrition</i> , 2010, 91, 487-493.	2.2	53
803	THE ROLES OF PHOTOLUMINESCENT QUANTUM DOTS IN GENERATION OR DETECTION OF REACTIVE OXYGEN SPECIES: CULPRITS OR DETECTIVES?. <i>Cosmos</i> , 2010, 06, 149-158.	0.4	0
804	Hydrogen as a Selective Antioxidant: A Review of Clinical and Experimental Studies. <i>Journal of International Medical Research</i> , 2010, 38, 1893-1903.	0.4	103
805	Comparative EPR study of different macrophage types stimulated for superoxide and nitric oxide production. <i>Free Radical Research</i> , 2010, 44, 763-772.	1.5	14
806	NO to Breast: When, Why and Why Not?. <i>Current Pharmaceutical Design</i> , 2010, 16, 451-462.	0.9	21
807	Comparison of the antioxidant effects of synovial fluid from equine metacarpophalangeal joints with those of hyaluronic acid and chondroitin sulfate. <i>American Journal of Veterinary Research</i> , 2010, 71, 399-404.	0.3	10
808	Oxidative Stress Caused by Ozone Exposure Induces Loss of Brain Repair in the Hippocampus of Adult Rats. <i>Toxicological Sciences</i> , 2010, 113, 187-197.	1.4	151
809	Enhanced reactivity to malondialdehyde-modified proteins by systemic lupus erythematosus autoantibodies. <i>Scandinavian Journal of Rheumatology</i> , 2010, 39, 247-253.	0.6	55

#	ARTICLE	IF	CITATIONS
810	Differentiation of K562 Cells Under ELF-EMF Applied at Different Time Courses. <i>Electromagnetic Biology and Medicine</i> , 2010, 29, 122-130.	0.7	38
811	Amino Acid Deprivation Decreases Intracellular Levels of Reactive Oxygen Species in Hepatic Stellate Cells. <i>Cellular Physiology and Biochemistry</i> , 2010, 26, 281-290.	1.1	12
812	<i>Pinus Massoniana</i> Bark Extract Protects Against Oxidative Damage in L-02 Hepatic Cells and Mice. <i>The American Journal of Chinese Medicine</i> , 2010, 38, 909-919.	1.5	20
813	Peroxiredoxin IV protects cells from oxidative stress by removing H ₂ O ₂ produced during disulphide formation. <i>Journal of Cell Science</i> , 2010, 123, 2672-2679.	1.2	148
814	L-Ascorbic Acid and Alpha-Tocopherol Supplementation and Antioxidant Status in Nickel-or Lead-Exposed Rat Brain Tissue. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2010, 21, 325-346.	0.7	20
815	Antioxidant enzyme activities in hepatic tissue from children with chronic cholestatic liver disease. <i>Saudi Journal of Gastroenterology</i> , 2010, 16, 90.	0.5	29
816	Antioxidants from macroalgae: potential applications in human health and nutrition. <i>Algae</i> , 2010, 25, 155-171.	0.9	221
817	Autonomous Effects of Shear Stress and Cyclic Circumferential Stretch regarding Endothelial Dysfunction and Oxidative Stress: An ex vivo Arterial Model. <i>Journal of Vascular Research</i> , 2010, 47, 336-345.	0.6	27
818	Selective neuronal vulnerability to oxidative stress in the brain. <i>Frontiers in Aging Neuroscience</i> , 2010, 2, 12.	1.7	653
819	Effect of ELF-EMF on number of apoptotic cells; correlation with reactive oxygen species and HSP. <i>Acta Biologica Hungarica</i> , 2010, 61, 158-167.	0.7	38
820	The Antioxidant, Iron Chelating and DNA Protective Properties of 70% Methanolic Extract of 'Katha' (Heartwood extract of <i>Acacia catechu</i>). <i>Journal of Complementary and Integrative Medicine</i> , 2010, 7, .	0.4	9
821	Reactive Oxygen Species: Stuck in the Middle of Neurodegeneration. <i>Journal of Alzheimer's Disease</i> , 2010, 20, S357-S367.	1.2	216
822	Vegetarian Diets and Public Health: Biomarker and Redox Connections. <i>Antioxidants and Redox Signaling</i> , 2010, 13, 1575-1591.	2.5	38
823	Analysis of the Redox Regulation of Protein Tyrosine Phosphatase Superfamily Members Utilizing a CysteinyI-Labeling Assay. <i>Methods in Enzymology</i> , 2010, 474, 35-50.	0.4	13
824	Isolation and Antioxidant Activity of Acidic Polysaccharide with Water-Solubility from <i>Prunella vulgaris</i> Linn. <i>International Conference on Bioinformatics and Biomedical Engineering: [proceedings] International Conference on Bioinformatics and Biomedical Engineering</i> , 2010, , .	0.0	1
825	Reactive oxygen species enhance differentiation of human embryonic stem cells into mesendodermal lineage. <i>Experimental and Molecular Medicine</i> , 2010, 42, 175.	3.2	148
826	Protective Effects of Cysteine Analogues on Acute Myocardial Ischemia: Novel Modulators of Endogenous H ₂ S Production. <i>Antioxidants and Redox Signaling</i> , 2010, 12, 1155-1165.	2.5	102
827	The Significance of the Measurement of Serum Xanthine Oxidase and Oxidation Markers in Patients with Acute Organophosphorus Pesticide Poisoning. <i>Journal of International Medical Research</i> , 2010, 38, 458-465.	0.4	12

#	ARTICLE	IF	CITATIONS
828	Effect of selective COX-2 inhibitor, celecoxib on adjuvant-induced arthritis model in irradiated rats. <i>International Journal of Radiation Biology</i> , 2010, 86, 1079-1087.	1.0	21
829	Redox Dysregulation Affects the Ventral But Not Dorsal Hippocampus: Impairment of Parvalbumin Neurons, Gamma Oscillations, and Related Behaviors. <i>Journal of Neuroscience</i> , 2010, 30, 2547-2558.	1.7	180
830	Mobile phone radiation-induced free radical damage in the liver is inhibited by the antioxidants n-acetyl cysteine and epigallocatechin-gallate. <i>International Journal of Radiation Biology</i> , 2010, 86, 935-945.	1.0	64
831	Nrf2 responses and the therapeutic selectivity of electrophilic compounds in chronic lymphocytic leukemia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 7479-7484.	3.3	112
832	Postprandial oxidative stress is modified by dietary fat: evidence from a human intervention study. <i>Clinical Science</i> , 2010, 119, 251-261.	1.8	70
833	The Serum Protein and Lipid Oxidation Marker Levels in Alzheimers Disease and Effects of Cholinesterase Inhibitors and Antipsychotic Drugs Therapy. <i>Current Alzheimer Research</i> , 2010, 7, 463-469.	0.7	48
834	Regulation of the Pulmonary Circulation in the Fetus and Newborn. <i>Physiological Reviews</i> , 2010, 90, 1291-1335.	13.1	278
835	Diclofenac-Induced Apoptosis in the Neuroblastoma Cell Line SH-SY5Y: Possible Involvement of the Mitochondrial Superoxide Dismutase. <i>Journal of Biomedicine and Biotechnology</i> , 2010, 2010, 1-11.	3.0	26
836	Late chronic catechin antioxidant treatment is deleterious to the endothelial function in aging mice with established atherosclerosis. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2010, 298, H2062-H2070.	1.5	34
837	Atorvastatin Inhibits gp91 ^{phox} Circulating Levels in Patients With Hypercholesterolemia. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010, 30, 360-367.	1.1	100
838	Signaling Pathways from Mitochondria to the Cytoplasm and Nucleus. , 2010, , 2527-2534.		0
839	Superoxide dismutase mimetic drug tempol aggravates anti-GBM antibody-induced glomerulonephritis in mice. <i>American Journal of Physiology - Renal Physiology</i> , 2010, 299, F445-F452.	1.3	25
840	Increasing reactive oxygen species as a therapeutic approach to treat hereditary leiomyomatosis and renal cell carcinoma. <i>Cell Cycle</i> , 2010, 9, 4183-4189.	1.3	25
841	The Impact of High Anxiety Level on Cellular and Humoral Immunity in Mice. <i>NeuroImmunoModulation</i> , 2010, 17, 1-8.	0.9	28
842	Redox Dysregulation and Oxidative Stress in Schizophrenia: Nutrigenetics as a Challenge in Psychiatric Disease Prevention. <i>World Review of Nutrition and Dietetics</i> , 2010, 101, 131-153.	0.1	11
843	Developmental changes in antioxidant enzymatic defences against oxidative stress in sheep placentomes. <i>Journal of Endocrinology</i> , 2010, 205, 107-116.	1.2	41
844	Neuroprotection by Natural Polyphenols: Molecular Mechanisms. <i>Central Nervous System Agents in Medicinal Chemistry</i> , 2010, 10, 269-277.	0.5	24
845	Cell Responses to Oxidative Stressors. <i>Current Pharmaceutical Design</i> , 2010, 16, 1387-1395.	0.9	55

#	ARTICLE	IF	CITATIONS
846	Polyphenols: A Potential New Strategy for the Prevention and Treatment of Anxiety and Depression. <i>Current Nutrition and Food Science</i> , 2010, 6, 13-18.	0.3	83
847	Targeting the Reversibly Oxidized Protein Tyrosine Phosphatase Superfamily. <i>Science Signaling</i> , 2010, 3, p12.	1.6	48
848	Cdx Genes, Inflammation, and the Pathogenesis of Intestinal Metaplasia. <i>Progress in Molecular Biology and Translational Science</i> , 2010, 96, 231-270.	0.9	39
850	Isochailactone protects PC12 cell against H ₂ O ₂ induced oxidative stress and exerts the potent anti-aging effects in D-galactose aging mouse model. <i>Acta Pharmacologica Sinica</i> , 2010, 31, 1532-1540.	2.8	17
851	Î ³ H2AX as a molecular marker of aging and disease. <i>Epigenetics</i> , 2010, 5, 129-136.	1.3	134
852	Neuroinflammation, Oxidative Stress and the Pathogenesis of Alzheimers Disease. <i>Current Pharmaceutical Design</i> , 2010, 16, 2766-2778.	0.9	547
853	Turning Tumor-Promoting Copper into an Anti-Cancer Weapon via High-Throughput Chemistry. <i>Current Medicinal Chemistry</i> , 2010, 17, 2685-2698.	1.2	89
854	A Review of Natural and Synthetic Antioxidants Important for Health and Longevity. <i>Current Medicinal Chemistry</i> , 2010, 17, 3262-3288.	1.2	185
855	Antioxidants in Treating Pathologies Involving Oxidative Damage: An Update on Medicinal Chemistry and Biological Activity of Stobadine and Related Pyridoindoles. <i>Current Medicinal Chemistry</i> , 2010, 17, 552-570.	1.2	47
856	The Effect of Long-Term, High-Volume Aerobic Exercise Training on Postprandial Lipemia and Oxidative Stress. <i>Physician and Sportsmedicine</i> , 2010, 38, 64-71.	1.0	13
857	Islets and their antioxidant defense. <i>Islets</i> , 2010, 2, 225-235.	0.9	90
858	Role of ROS in ischemia-induced lung angiogenesis. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2010, 299, L535-L541.	1.3	57
859	Protective Effect of Etomidate on Spinal Cord Ischemiaâ€“Reperfusion Injury Induced by Aortic Occlusion in Rabbits. <i>Annals of Vascular Surgery</i> , 2010, 24, 225-232.	0.4	12
860	Effet protecteur de lâ€™Ã©tomidate sur les lÃ©sions mÃ©dullaires dÃ©mischÃ©mie-reperfusion induites par lâ€™occlusion aortique chez les lapins. <i>Annales De Chirurgie Vasculaire</i> , 2010, 24, 247-255.	0.0	0
861	Olive Oil Components on Oxidative Stress and Arachidonic Acid Metabolism. , 2010, , 935-942.		0
862	Development and Application of a Near-Infrared Fluorescence Probe for Oxidative Stress Based on Differential Reactivity of Linked Cyanine Dyes. <i>Journal of the American Chemical Society</i> , 2010, 132, 2795-2801.	6.6	329
863	Free Radicals and Reactive Oxygen Species. , 2010, , 277-307.		55
864	Targeting mitochondrial dysfunction in neurodegenerative disease: Part II. <i>Expert Opinion on Therapeutic Targets</i> , 2010, 14, 497-511.	1.5	58

#	ARTICLE	IF	CITATIONS
865	Paraoxonase 1 Polymorphisms 172T→A and 584A→G Modify the Association between Serum Concentrations of the Antioxidant Lycopene and Bone Turnover Markers and Oxidative Stress Parameters in Women 25–70 Years of Age. <i>Journal of Nutrigenetics and Nutrigenomics</i> , 2010, 3, 1-8.	1.8	14
866	Potential toxicity of superparamagnetic iron oxide nanoparticles (SPION). <i>Nano Reviews</i> , 2010, 1, 5358.	3.7	861
867	8. Metal Ions Affecting the Immune System. <i>Metal Ions in Life Sciences</i> , 2010, , 157-185.	1.0	14
868	Exercise and possible molecular mechanisms of protection from vascular disease and diabetes: the central role of ROS and nitric oxide. <i>Clinical Science</i> , 2010, 118, 341-349.	1.8	88
869	Antioxidative and Antiproliferative Activities of Different Horsetail (<i>Equisetum arvense</i> L.) Extracts. <i>Journal of Medicinal Food</i> , 2010, 13, 452-459.	0.8	53
870	Importance of Extract Standardization and <i>In Vitro/Ex Vivo</i> Assay Selection for the Evaluation of Antioxidant Activity of Botanicals: A Case Study on Three <i>Rosmarinus officinalis</i> L. Extracts. <i>Journal of Medicinal Food</i> , 2010, 13, 1167-1175.	0.8	30
871	Total Phenolic Contents and Antioxidant Capacities of Selected Chinese Medicinal Plants. <i>International Journal of Molecular Sciences</i> , 2010, 11, 2362-2372.	1.8	224
872	Measurement of Mitochondrial ROS Production. <i>Methods in Molecular Biology</i> , 2010, 648, 245-255.	0.4	96
873	Oxygen toxicity: chemistry and biology of reactive oxygen species. <i>Seminars in Fetal and Neonatal Medicine</i> , 2010, 15, 186-190.	1.1	217
874	OXY-SCORE: A Global Index to Improve Evaluation of Oxidative Stress by Combining Pro- and Antioxidant Markers. <i>Methods in Molecular Biology</i> , 2010, 594, 197-213.	0.4	18
875	Copper and Myeloperoxidase-Modified LDLs Activate Nrf2 Through Different Pathways of ROS Production in Macrophages. <i>Antioxidants and Redox Signaling</i> , 2010, 13, 1491-1502.	2.5	28
876	Hormesis: What it is and Why it Matters. , 2010, , 1-13.		15
877	Transforming growth factor- β 1 induces matrix metalloproteinase-9 and cell migration in astrocytes: roles of ROS-dependent ERK- and JNK-NF- κ B pathways. <i>Journal of Neuroinflammation</i> , 2010, 7, 88.	3.1	155
878	Mechanisms involved in the developmental programming of adulthood disease. <i>Biochemical Journal</i> , 2010, 427, 333-347.	1.7	291
879	Physical Activity Attenuates Intermittent Hypoxia-induced Spatial Learning Deficits and Oxidative Stress. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010, 182, 104-112.	2.5	47
880	Biomarkers of cellular reaction to pesticide exposure in a rural population. <i>Biomarkers</i> , 2010, 15, 52-60.	0.9	45
881	Detection of Intracellular Glutathione Using ThiolTracker Violet Stain and Fluorescence Microscopy. <i>Current Protocols in Cytometry</i> , 2010, 53, Unit 9.35.	3.7	31
882	Simultaneous Detection of Pro- and Antioxidative Effects in the Variants of the Deoxyribose Degradation Assay. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 2088-2094.	2.4	40

#	ARTICLE	IF	CITATIONS
883	An Iron-Based Cytosolic Catalase and Superoxide Dismutase Mimic Complex. <i>Inorganic Chemistry</i> , 2010, 49, 1274-1276.	1.9	30
884	Organelle-Targetable Fluorescent Probes for Imaging Hydrogen Peroxide in Living Cells via SNAP-Tag Protein Labeling. <i>Journal of the American Chemical Society</i> , 2010, 132, 4455-4465.	6.6	274
885	Studies on Chemical Constituents and Bioactivity of <i>Rosa micrantha</i> : An Alternative Antioxidants Source for Food, Pharmaceutical, or Cosmetic Applications. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 6277-6284.	2.4	67
886	Reactive Oxygen Species-Dependent c-Fos/Activator Protein 1 Induction Upregulates Heme Oxygenase-1 Expression by Bradykinin in Brain Astrocytes. <i>Antioxidants and Redox Signaling</i> , 2010, 13, 1829-1844.	2.5	63
887	Gene modulation and immunoregulatory roles of Interferon γ . <i>Cytokine</i> , 2010, 50, 1-14.	1.4	275
888	Carbon nanotubes: promising agents against free radicals. <i>Nanoscale</i> , 2010, 2, 373.	2.8	133
889	Programmed cell death triggered by nucleotide pool damage and its prevention by MutT homolog-1 (MTH1) with oxidized purine nucleoside triphosphatase. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2010, 703, 51-58.	0.9	58
890	Role of oxidatively induced DNA lesions in human pathogenesis. <i>Mutation Research - Reviews in Mutation Research</i> , 2010, 704, 152-159.	2.4	287
891	Reactive oxygen species generated by NADPH oxidase are involved in neurodegeneration in the pilocarpine model of temporal lobe epilepsy. <i>Neuroscience Letters</i> , 2010, 484, 187-191.	1.0	86
892	An inducible nitric oxide synthase polymorphism is associated with the risk of recurrent depressive disorder. <i>Neuroscience Letters</i> , 2010, 486, 184-187.	1.0	28
893	Oxidative stress in anxiety and comorbid disorders. <i>Neuroscience Research</i> , 2010, 68, 261-275.	1.0	284
894	Differential expression of TRPM2 and TRPV4 channels and their potential role in oxidative stress-induced cell death in organotypic hippocampal culture. <i>NeuroToxicology</i> , 2010, 31, 204-214.	1.4	106
895	Similarities between ischemic preconditioning and postconditioning in myocardial ischemia/reperfusion injury. <i>International Journal of Cardiology</i> , 2010, 144, 135-136.	0.8	8
896	Can leukocyte telomere length (LTL) be considered as an index in application of neural network in the atherosclerosis risk stratification?. <i>International Journal of Cardiology</i> , 2010, 144, 136-137.	0.8	1
897	Galectin-3 plays a modulatory role in the life span and activation of murine neutrophils during early <i>Toxoplasma gondii</i> infection. <i>Immunobiology</i> , 2010, 215, 475-485.	0.8	33
898	N-(2-hydroxy phenyl) acetamide inhibits inflammation-related cytokines and ROS in adjuvant-induced arthritic (AIA) rats. <i>International Immunopharmacology</i> , 2010, 10, 900-905.	1.7	46
899	Iron deficiency and diffuse nonscarring scalp alopecia in women: More pieces to the puzzle. <i>Journal of the American Academy of Dermatology</i> , 2010, 63, 1070-1076.	0.6	34
900	Anti-oxidation activity of the crude polysaccharides isolated from <i>Polygonum Cillinerve</i> (Nakai) Ohwi in immunosuppressed mice. <i>Journal of Ethnopharmacology</i> , 2010, 132, 512-517.	2.0	52

#	ARTICLE	IF	CITATIONS
901	Effects of Pantoprazole in experimental acute pancreatitis. <i>Life Sciences</i> , 2010, 87, 551-557.	2.0	26
902	The causes of cancer revisited: "Mitochondrial malignancy" and ROS-induced oncogenic transformation " Why mitochondria are targets for cancer therapy. <i>Molecular Aspects of Medicine</i> , 2010, 31, 145-170.	2.7	299
903	HIF-1beta determines ABCA1 expression under hypoxia in human macrophages. <i>International Journal of Biochemistry and Cell Biology</i> , 2010, 42, 241-252.	1.2	34
904	The roles of cellular reactive oxygen species, oxidative stress and antioxidants in pregnancy outcomes. <i>International Journal of Biochemistry and Cell Biology</i> , 2010, 42, 1634-1650.	1.2	565
905	Reactive oxygen species (ROS) in the human neocortex: Role of aging and cognition. <i>Brain Research Bulletin</i> , 2010, 81, 484-490.	1.4	34
906	Reduced cyclic stretch, endothelial dysfunction, and oxidative stress: an ex vivo model. <i>Cardiovascular Pathology</i> , 2010, 19, e91-e98.	0.7	44
907	Oral mucosal lesions in non oral habit diabetic patients and association of diabetes mellitus with oral precancerous lesions. <i>Diabetes Research and Clinical Practice</i> , 2010, 89, 320-326.	1.1	52
908	Chlorpyrifos induces apoptosis and DNA damage in <i>Drosophila</i> through generation of reactive oxygen species. <i>Ecotoxicology and Environmental Safety</i> , 2010, 73, 1415-1423.	2.9	85
909	Is multiple sclerosis a mitochondrial disease?. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2010, 1802, 66-79.	1.8	194
910	Mitochondrial dysfunction in Parkinson's disease. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2010, 1802, 29-44.	1.8	481
911	Mitochondria: A therapeutic target in neurodegeneration. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2010, 1802, 212-220.	1.8	244
912	New extension of the Mitchell Theory for oxidative phosphorylation in mitochondria of living organisms. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2010, 1800, 205-212.	1.1	108
913	Oxidatively modified fatty acyl chain determines physicochemical properties of aggregates of oxidized phospholipids. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2010, 1798, 442-452.	1.4	28
914	Î±-Tocopherol administration produces an antidepressant-like effect in predictive animal models of depression. <i>Behavioural Brain Research</i> , 2010, 209, 249-259.	1.2	56
915	Risk assessment induced by knapsack or conventional motor sprayer on pesticides applicators and farm workers in cotton season. <i>Environmental Toxicology and Pharmacology</i> , 2010, 30, 110-115.	2.0	9
916	Inhibition of aldose reductase attenuates endotoxin signals in human non-pigmented ciliary epithelial cells. <i>Experimental Eye Research</i> , 2010, 90, 555-563.	1.2	9
917	Protective effect of fermented sea tangle against ethanol and carbon tetrachloride-induced hepatic damage in Spragueâ€Dawley rats. <i>Food and Chemical Toxicology</i> , 2010, 48, 1123-1128.	1.8	34
918	Cistaceae aqueous extracts containing ellagitannins show antioxidant and antimicrobial capacity, and cytotoxic activity against human cancer cells. <i>Food and Chemical Toxicology</i> , 2010, 48, 2273-2282.	1.8	120

#	ARTICLE	IF	CITATIONS
919	Role of 8-iso-prostaglandin F ₂ and 25-hydroxycholesterol in the pathophysiology of endometriosis. <i>Fertility and Sterility</i> , 2010, 94, 63-70.	0.5	45
920	Distinctively low levels of serum 8-hydroxydeoxyguanosine in women with polycystic ovary syndrome. <i>Fertility and Sterility</i> , 2010, 94, 2670-2673.	0.5	19
921	Immunoluminometric assay for quantification of peroxiredoxin 4 in human serum. <i>Clinica Chimica Acta</i> , 2010, 411, 1258-1263.	0.5	21
922	Increased Vulnerability to Oxidative Stress in Pediatric Migraine Patients. <i>Pediatric Neurology</i> , 2010, 43, 21-24.	1.0	27
923	Antioxidative peptides from food proteins: A review. <i>Peptides</i> , 2010, 31, 1949-1956.	1.2	1,252
924	Of mice, rats and men: Revisiting the quinolinic acid hypothesis of Huntington's disease. <i>Progress in Neurobiology</i> , 2010, 90, 230-245.	2.8	149
925	Hydrogen gas reduced acute hyperglycemia-enhanced hemorrhagic transformation in a focal ischemia rat model. <i>Neuroscience</i> , 2010, 169, 402-414.	1.1	82
926	Reactive oxygen species and the structural remodeling of the visual system after ocular enucleation. <i>Neuroscience</i> , 2010, 170, 1249-1260.	1.1	19
927	Iridoid extracts from <i>Ajuga iva</i> increase the antioxidant enzyme activities in red blood cells of rats fed a cholesterol-rich diet. <i>Nutrition Research</i> , 2010, 30, 358-365.	1.3	15
928	Covalent selection of the thiol proteome on activated thiol sepharose: A robust tool for redox proteomics. <i>Talanta</i> , 2010, 80, 1569-1575.	2.9	17
929	Rapid qualitative and quantitative ultra high performance liquid chromatography method for simultaneous analysis of twenty nine common phenolic compounds of various structures. <i>Talanta</i> , 2010, 80, 1970-1979.	2.9	63
930	Study of genotoxic, antigenotoxic and antioxidant activities of the digallic acid isolated from <i>Pistacia lentiscus</i> fruits. <i>Toxicology in Vitro</i> , 2010, 24, 509-515.	1.1	43
931	Protective effects of standardized <i>Thuja orientalis</i> leaves against 6-hydroxydopamine-induced neurotoxicity in SH-SY5Y cells. <i>Toxicology in Vitro</i> , 2010, 24, 759-765.	1.1	36
932	The toxic effect of thioacetamide on rat liver in vitro. <i>Toxicology in Vitro</i> , 2010, 24, 2097-2103.	1.1	70
933	Activation of phospholipase D involved in both injury and survival in A549 alveolar epithelial cells exposed to H ₂ O ₂ . <i>Toxicology Letters</i> , 2010, 196, 168-174.	0.4	4
934	Analysis of two polymorphisms of the manganese superoxide dismutase gene (Ile-58Thr and Ala-9Val) in patients with recurrent depressive disorder. <i>Psychiatry Research</i> , 2010, 179, 43-46.	1.7	30
935	Antioxidant Capacity of Macaronesian Traditional Medicinal Plants. <i>Molecules</i> , 2010, 15, 2576-2592.	1.7	43
936	Consumption of a palatable diet by chronically stressed rats prevents effects on anxiety-like behavior but increases oxidative stress in a sex-specific manner. <i>Appetite</i> , 2010, 55, 108-116.	1.8	41

#	ARTICLE	IF	CITATIONS
937	A case report on the distended gut syndrome (DGS) in cultured larvae of Atlantic cod (<i>Gadus</i>) Tj ETQq0 0 0 rgBT /Oygrlock 10 Tf 50 742	1.7	6
938	Differential roles of phospholipases A2 in neuronal death and neurogenesis: Implications for Alzheimer disease. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2010, 34, 1381-1389.	2.5	29
939	Design, synthesis and anti-Parkinsonian evaluation of 3-alkyl/aryl-8-(furan-2-yl)thiazolo[5,4- <i>e</i>][1,2,4]triazolo[1,5- <i>c</i>]pyrimidine-2(3- <i>H</i>)-thiones against neuroleptic-induced catalepsy and oxidative stress in mice. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2010, 25, 818-826.	2.5	31
940	Redox Dysregulation and Oxidative Stress in Schizophrenia: Nutrigenetics as a Challenge in Psychiatric Disease Prevention. <i>Journal of Nutrigenetics and Nutrigenomics</i> , 2010, 3, 267-289.	1.8	8
941	MC1R stimulation by α -MSH induces catalase and promotes its re-distribution to the cell periphery and dendrites. <i>Pigment Cell and Melanoma Research</i> , 2010, 23, 263-275.	1.5	33
942	Lipid peroxidation levels, total oxidant status and superoxide dismutase in serum, saliva and gingival crevicular fluid in chronic periodontitis patients before and after periodontal therapy. <i>Australian Dental Journal</i> , 2010, 55, 70-78.	0.6	197
943	Redox-Regulation. Ein Netzwerk zur flexiblen Adaptation von Stoffwechsel und Entwicklung bei Pflanzen. <i>Biologie in Unserer Zeit</i> , 2010, 40, 92-100.	0.3	1
944	Quantitative Analysis and Simultaneous Activity Measurements of Cu,Zn-Superoxide Dismutase in Red Blood Cells by HPLC-ICPMS. <i>Analytical Chemistry</i> , 2010, 82, 2387-2394.	3.2	53
945	Senile cataracts and oxidative stress. <i>Journal of Clinical Gerontology and Geriatrics</i> , 2010, 1, 17-21.	0.7	34
946	Targeting mitochondrial dysfunction in neurodegenerative disease: Part I. Expert Opinion on Therapeutic Targets, 2010, 14, 369-385.	1.5	56
947	Renal aging in WKY rats: Changes in Na ⁺ ,K ⁺ -ATPase function and oxidative stress. <i>Experimental Gerontology</i> , 2010, 45, 977-983.	1.2	11
948	Pathogenetic mechanisms in radiation fibrosis. <i>Radiotherapy and Oncology</i> , 2010, 97, 149-161.	0.3	498
949	Nanomaterial-assisted laser desorption ionization for mass spectrometry-based biomedical analysis. <i>Nanomedicine</i> , 2010, 5, 1641-1652.	1.7	23
950	Improvement of Insulin Resistance by Removal of Systemic Hydrogen Peroxide by PEGylated Catalase in Obese Mice. <i>Molecular Pharmaceutics</i> , 2010, 7, 2069-2076.	2.3	23
951	Behavioral Effects Induced by Mitochondria-Targeted Antioxidant SkQ1 in Wistar and Senescence-Accelerated OXYS Rats. <i>Journal of Alzheimer's Disease</i> , 2010, 21, 479-491.	1.2	72
952	Antiproliferative Activity, Antioxidant Capacity and Tannin Content in Plants of Semi-Arid Northeastern Brazil. <i>Molecules</i> , 2010, 15, 8534-8542.	1.7	87
954	Clinical Features and Pathogenesis of Alzheimer's Disease: Involvement of Mitochondria and Mitochondrial DNA. <i>Advances in Experimental Medicine and Biology</i> , 2010, 685, 34-44.	0.8	59
955	Silencing of the JNK pathway maintains progesterone receptor activity in decidualizing human endometrial stromal cells exposed to oxidative stress signals. <i>FASEB Journal</i> , 2010, 24, 1541-1551.	0.2	88

#	ARTICLE	IF	CITATIONS
956	Calcium and Mitochondrial Reactive Oxygen Species Generation: How to Read the Facts. <i>Journal of Alzheimer's Disease</i> , 2010, 20, S413-S426.	1.2	209
957	Bio-Farms for Nutraceuticals. <i>Advances in Experimental Medicine and Biology</i> , 2010, , .	0.8	12
958	Protein Misfolding and Cellular Stress in Disease and Aging. <i>Methods in Molecular Biology</i> , 2010, , .	0.4	6
959	Advanced Protocols in Oxidative Stress II. <i>Methods in Molecular Biology</i> , 2010, , .	0.4	49
960	Mammalian Mitochondrial Complex I: Biogenesis, Regulation, and Reactive Oxygen Species Generation. <i>Antioxidants and Redox Signaling</i> , 2010, 12, 1431-1470.	2.5	353
962	Age and Breeding Effort as Sources of Individual Variability in Oxidative Stress Markers in a Bird Species. <i>Physiological and Biochemical Zoology</i> , 2010, 83, 110-118.	0.6	75
963	Poor maternal nutrition leads to alterations in oxidative stress, antioxidant defense capacity, and markers of fibrosis in rat islets: potential underlying mechanisms for development of the diabetic phenotype in later life. <i>FASEB Journal</i> , 2010, 24, 2762-2771.	0.2	81
964	Robinetinidol-(4 β)-epigallocatechin 3-O-gallate, A Galloyl Dimer Prorobinetinidin From <i>Acacia Mearnsii</i> De Wild, Effectively Protects Human Neuroblastoma SH-SY5Y Cells Against Acrolein-Induced Oxidative Damage. <i>Journal of Alzheimer's Disease</i> , 2010, 21, 493-506.	1.2	13
965	Post-translational activation of human phenylalanine 4-monooxygenase from an endobiotic to a xenobiotic enzyme by reactive oxygen and reactive nitrogen species. <i>Xenobiotica</i> , 2010, 40, 319-330.	0.5	3
966	Highly efficient catalase activity of metalloporphyrins. <i>Chemical Communications</i> , 2010, 46, 7040.	2.2	55
967	Formation of 5 β ,8-cyclo-2 β -deoxyadenosine in single strand DNA. Theoretical quantum mechanics study. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 1603.	1.5	7
968	Sample preparation strategies for quantitative analysis of catalase in red blood cells by elemental mass spectrometry. <i>Metallomics</i> , 2010, 2, 638.	1.0	4
969	The effect of nutritionally induced hyperlipidaemia on in vitro bovine embryo quality. <i>Human Reproduction</i> , 2010, 25, 768-778.	0.4	75
970	Gender-dependent variations in systemic biomarkers of oxidative protein, DNA, and lipid damage in aged rats. <i>Aging Male</i> , 2010, 13, 51-58.	0.9	39
971	Species specific isotope dilution versus internal standardization strategies for the determination of Cu, Zn-superoxide dismutase in red blood cells. <i>Journal of Analytical Atomic Spectrometry</i> , 2011, 26, 150-155.	1.6	18
972	Determination of intracellular glutathione and glutathione disulfide using high performance liquid chromatography with acidic potassium permanganate chemiluminescence detection. <i>Analyst</i> , The, 2011, 136, 2578.	1.7	77
973	The importance of developing metal complexes with pronounced catalase-like activity. <i>Catalysis Science and Technology</i> , 2011, 1, 535.	2.1	40
974	Similarities and differences of hyperbaric oxygen and medical ozone applications. <i>Free Radical Research</i> , 2011, 45, 1267-1278.	1.5	4

#	ARTICLE	IF	CITATIONS
975	Intact skin analysis by desorption electrospray ionization mass spectrometry. <i>Analyst, The</i> , 2011, 136, 835-840.	1.7	19
976	Antioxidant and anticancer activities of supramolecularly controlled magnetostructural halo-oximes of lawsone. <i>New Journal of Chemistry</i> , 2011, 35, 1615.	1.4	15
977	Hydrogen peroxide modulates immunoglobulin expression by targeting the κ regulatory region through an NF κ B-dependent mechanism. <i>Free Radical Research</i> , 2011, 45, 796-809.	1.5	6
978	Effect of captopril and the bradykinin κ 1 receptor pathway on ROS production in type 1 diabetic rats. <i>Canadian Journal of Physiology and Pharmacology</i> , 2011, 89, 923-933.	0.7	5
979	The Level of Orally Ingested Vitamin C Affected the Expression of Vitamin C Transporters and Vitamin C Accumulation in the Livers of ODS Rats. <i>Bioscience, Biotechnology and Biochemistry</i> , 2011, 75, 2394-2397.	0.6	1
980	Dinuclear copper(II) complexes of Fenoprofen: synthesis, spectroscopic, thermal, and SOD-mimic activity studies. <i>Journal of Coordination Chemistry</i> , 2011, 64, 2246-2261.	0.8	5
981	Triggered Cargo Release by Encapsulated Enzymatic Catalysis in Capsosomes. <i>Nano Letters</i> , 2011, 11, 4958-4963.	4.5	82
982	Dietary Grape-Seed Procyanidins Decreased Postweaning Diarrhea by Modulating Intestinal Permeability and Suppressing Oxidative Stress in Rats. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 6227-6232.	2.4	105
983	Defective Adaption of Erythrocytes During Acute Hypoxia Injury in an Elderly Population. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2011, 66A, 376-384.	1.7	11
984	Silymarin selectively protects human renal cells from cisplatin-induced cell death. <i>Pharmaceutical Biology</i> , 2011, 49, 1082-1090.	1.3	26
985	Modulatory Effects and Molecular Mechanisms of Olive Oil and Other Dietary Lipids in Breast Cancer. <i>Current Pharmaceutical Design</i> , 2011, 17, 813-830.	0.9	74
986	A dendrimer-based platform for simultaneous dual fluorescence imaging of hydrogen peroxide and pH gradients produced in living cells. <i>Chemical Science</i> , 2011, 2, 1156.	3.7	75
987	An Antihypertensive Peptide from Tilapia Gelatin Diminishes Free Radical Formation in Murine Microglial Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 12193-12197.	2.4	26
988	Antioxidant supplementation and endurance training: Win or loss?. <i>European Journal of Sport Science</i> , 2011, 11, 27-32.	1.4	18
989	Gene Expression Profiles of Yeast <i>Saccharomyces cerevisiae</i> κ 1 Caused by Patulin Toxicity and Evaluation of Recovery Potential of Ascorbic Acid. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 7145-7154.	2.4	21
990	Neuronal Death and Oxidative Stress in the Developing Brain. <i>Antioxidants and Redox Signaling</i> , 2011, 14, 1535-1550.	2.5	207
991	Age-altered susceptibility in hexavalent chromium-exposed <i>Daphnia schodleri</i> (Anomopoda:). <i>Environmental Toxicology and Chemistry</i> , 2011, 30, 102-110.	1.9	30
992	Introducing a New Journal: Free Radicals Antioxidants. <i>Free Radicals and Antioxidants</i> , 2011, 1, 1-3.	0.2	1

#	ARTICLE	IF	CITATIONS
993	Modification in redox status of diabetes mellitus type 1 patients after insulin transition. <i>Biomedicine and Preventive Nutrition</i> , 2011, 1, 12-18.	0.9	0
994	C-phycoerythrin from <i>Spirulina maxima</i> protects hepatocytes against oxidative damage induced by H ₂ O ₂ in vitro. <i>Biomedicine and Preventive Nutrition</i> , 2011, 1, 8-11.	0.9	4
995	Oxidative Stress and Blood-Brain Barrier Dysfunction Under Particular Consideration of Matrix Metalloproteinases. <i>Antioxidants and Redox Signaling</i> , 2011, 15, 1305-1323.	2.5	145
996	Antioxidant Supplementation during Exercise Training. <i>Sports Medicine</i> , 2011, 41, 1043-1069.	3.1	251
997	A review of the use of <i>in silico</i> methods to predict the chemistry of molecular initiating events related to drug toxicity. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2011, 7, 1481-1495.	1.5	34
998	SOD/catalase mimetic platinum nanoparticles inhibit heat-induced apoptosis in human lymphoma U937 and HH cells. <i>Free Radical Research</i> , 2011, 45, 326-335.	1.5	60
999	Spin-Trapping Reactions of a Novel Gauchetype Radical Trapper G-CYPMPO. <i>Analytical Chemistry</i> , 2011, 83, 9600-9604.	3.2	41
1000	Osteoblast Differentiation of Amniotic Fluid-Derived Stem Cells Irradiated with Visible Light. <i>Tissue Engineering - Part A</i> , 2011, 17, 2593-2602.	1.6	30
1001	Memecylon edule leaf extract mediated green synthesis of silver and gold nanoparticles. <i>International Journal of Nanomedicine</i> , 2011, 6, 1265.	3.3	279
1002	Free Radicals and Tissue Damage: Role of Antioxidants. <i>Free Radicals and Antioxidants</i> , 2011, 1, 2-7.	0.2	87
1003	Modulation of the apoptotic pathway in skeletal muscle models: the role of growth hormone. <i>Growth Factors</i> , 2011, 29, 21-35.	0.5	3
1005	Calcium Dysregulation and Homeostasis of Neural Calcium in the Molecular Mechanisms of Neurodegenerative Diseases Provide Multiple Targets for Neuroprotection. <i>Antioxidants and Redox Signaling</i> , 2011, 14, 1275-1288.	2.5	319
1006	Heterofucans from the Brown Seaweed <i>Canistrocarpus cervicornis</i> with Anticoagulant and Antioxidant Activities. <i>Marine Drugs</i> , 2011, 9, 124-138.	2.2	116
1007	Molecular Pathways for Cancer Chemoprevention by Dietary Phytochemicals. <i>Nutrition and Cancer</i> , 2011, 63, 495-505.	0.9	129
1009	Oxidative Stress in Fibromyalgia: Pathophysiology and Clinical Implications. <i>Reumatología Clínica (English Edition)</i> , 2011, 7, 281-283.	0.2	5
1010	A beetroot juice shot is a significant and convenient source of bioaccessible antioxidants. <i>Journal of Functional Foods</i> , 2011, 3, 329-334.	1.6	152
1011	Evidence of microglial activation in autism and its possible role in brain underconnectivity. <i>Neuron Glia Biology</i> , 2011, 7, 205-213.	2.0	164
1012	Autophagy Signaling Through Reactive Oxygen Species. <i>Antioxidants and Redox Signaling</i> , 2011, 14, 2215-2231.	2.5	209

#	ARTICLE	IF	CITATIONS
1013	Production and Detection of Reactive Oxygen Species (ROS) in Cancers. Journal of Visualized Experiments, 2011, , .	0.2	166
1015	Structural Concept of Nitroxide As a Lipid Peroxidation Inhibitor. Journal of Organic Chemistry, 2011, 76, 4144-4148.	1.7	22
1017	Exercise-induced protection of bone marrow cells following exposure to radiation. Applied Physiology, Nutrition and Metabolism, 2011, 36, 80-87.	0.9	18
1018	The Role of Antioxidants in Human Health. ACS Symposium Series, 2011, , 1-37.	0.5	82
1020	Development of a Highly Sensitive Fluorescence Probe for Hydrogen Peroxide. Journal of the American Chemical Society, 2011, 133, 10629-10637.	6.6	340
1021	Antiradical, Chelating and Antioxidant Activities of Hydroxamic Acids and Hydroxyureas. Molecules, 2011, 16, 6232-6242.	1.7	59
1022	Copper-induced hepatitis: the COMMD1 deficient dog as a translational animal model for human chronic hepatitis. Veterinary Quarterly, 2011, 31, 49-60.	3.0	10
1024	Antioxidative Mechanisms of Whole-Apple Antioxidants Employing Different Varieties from Luxembourg. Journal of Medicinal Food, 2011, 14, 1631-1637.	0.8	24
1025	Roles of Oxidative Stress, Apoptosis, PGC-1 α and Mitochondrial Biogenesis in Cerebral Ischemia. International Journal of Molecular Sciences, 2011, 12, 7199-7215.	1.8	273
1026	Initial studies on quantitative DNA induced oxidation by gel electrophoresis (GE)-ICP-MS. Journal of Analytical Atomic Spectrometry, 2011, 26, 195-200.	1.6	12
1027	Advances in Carcinogenic Metal Toxicity and Potential Molecular Markers. International Journal of Molecular Sciences, 2011, 12, 9576-9595.	1.8	144
1028	Intracerebral Hemorrhage Research. Acta Neurochirurgica Supplementum, 2011, , .	0.5	4
1029	Tyrosinase inhibitory effect of quercetin 4 α -O- β -D-glucopyranoside from dried skin of red onion (Allium) Tj ETQqQ 0 0 rgBT /Overlock 18	1.0	18
1030	Oxidative Stress and Free Radical Damage in Neurology. , 2011, , .		26
1031	Edible Neotropical Blueberries: Antioxidant and Compositional Fingerprint Analysis. Journal of Agricultural and Food Chemistry, 2011, 59, 3020-3026.	2.4	50
1032	Uptake of Antioxidants by Natural Nutrition and Supplementation: Pros and Cons from the Dermatological Point of View. Skin Pharmacology and Physiology, 2011, 24, 269-273.	1.1	39
1033	Increase of the Activity of Phase II Antioxidant Enzymes in Rats after a Single Dose of Coffee. Journal of Agricultural and Food Chemistry, 2011, 59, 10887-10892.	2.4	16
1035	Sirt3, Mitochondrial ROS, Ageing, and Carcinogenesis. International Journal of Molecular Sciences, 2011, 12, 6226-6239.	1.8	92

#	ARTICLE	IF	CITATIONS
1037	Glutathione Deficit and Redox Dysregulation in Animal Models of Schizophrenia. <i>Neuromethods</i> , 2011, , 149-188.	0.2	2
1038	Importance of mitochondrial dysfunction in oxidative stress response: A comparative study of gene expression profiles. <i>Free Radical Research</i> , 2011, 45, 672-680.	1.5	35
1039	Environmentally induced oxidative stress in aquatic animals. <i>Aquatic Toxicology</i> , 2011, 101, 13-30.	1.9	1,898
1040	Biphasic modulation of fatty acid synthase by hydrogen peroxide in <i>Saccharomyces cerevisiae</i> . <i>Archives of Biochemistry and Biophysics</i> , 2011, 515, 107-111.	1.4	11
1041	Setting the Tone: Reactive Oxygen Species and the Control of Appetitive Melanocortin Neurons. <i>Cell Metabolism</i> , 2011, 14, 573-574.	7.2	2
1042	NOD-like receptors and the innate immune system: Coping with danger, damage and death. <i>Cytokine and Growth Factor Reviews</i> , 2011, 22, 257-276.	3.2	170
1043	Stability of the total antioxidant capacity and total polyphenol content of 23 commercially available vegetable juices before and after in vitro digestion measured by FRAP, DPPH, ABTS and Folinâ€“Ciocalteu methods. <i>Food Research International</i> , 2011, 44, 217-224.	2.9	439
1044	Identification and quantification of phenols, carotenoids, and vitamin C from papaya (<i>Carica papaya</i> L.,) Tj ETQq1 1,0784314, rgBT /Ove 2.9 146	2.9	146
1045	Influence of strawberry tree (<i>Arbutus unedo</i> L.) fruit ripening stage on chemical composition and antioxidant activity. <i>Food Research International</i> , 2011, 44, 1401-1407.	2.9	65
1046	Comparison of the effects of different types of soya milk on the total antioxidant capacity of black tea infusions. <i>Food Research International</i> , 2011, 44, 3115-3117.	2.9	11
1047	Improving public health?: The role of antioxidant-rich fruit and vegetable beverages. <i>Food Research International</i> , 2011, 44, 3135-3148.	2.9	176
1048	Transcriptional regulation of extracellular copper zinc superoxide dismutase from white shrimp <i>Litopenaeus vannamei</i> following <i>Vibrio alginolyticus</i> and WSSV infection. <i>Fish and Shellfish Immunology</i> , 2011, 30, 234-240.	1.6	55
1049	Oxidative stress contributes to the induction and persistence of TGF-Î²1 induced pulmonary fibrosis. <i>International Journal of Biochemistry and Cell Biology</i> , 2011, 43, 1122-1133.	1.2	71
1050	Osteoblast/osteocyte-specific inactivation of Stat3 decreases load-driven bone formation and accumulates reactive oxygen species. <i>Bone</i> , 2011, 49, 404-411.	1.4	83
1051	C-Phycocyanin is neuroprotective against global cerebral ischemia/reperfusion injury in gerbils. <i>Brain Research Bulletin</i> , 2011, 86, 42-52.	1.4	72
1052	H2O2 scavenging inhibits G1/S transition by increasing nuclear levels of p27KIP1. <i>Cancer Letters</i> , 2011, 305, 58-68.	3.2	15
1053	Myocardial oxidative stress following sub-chronic and chronic oral cadmium exposure in rats. <i>Environmental Toxicology and Pharmacology</i> , 2011, 32, 17-26.	2.0	28
1054	Effect of feeding blended and interesterified vegetable oils on antioxidant enzymes in rats. <i>Food and Chemical Toxicology</i> , 2011, 49, 136-143.	1.8	9

#	ARTICLE	IF	CITATIONS
1055	Antioxidant and antiproliferative properties of water extract from Mahonia bealei (Fort.) Carr. leaves. Food and Chemical Toxicology, 2011, 49, 799-806.	1.8	53
1056	Comparative antioxidant capacities of quercetin and butylated hydroxyanisole in cholesterol-modified erythrocytes damaged by tert-butylhydroperoxide. Food and Chemical Toxicology, 2011, 49, 2212-2221.	1.8	16
1057	Comparative analysis of the antioxidant and DNA protection capacities of Anadenanthera colubrina, Libidibia ferrea and Pityrocarpa moniliformis fruits. Food and Chemical Toxicology, 2011, 49, 2222-2228.	1.8	39
1058	The antioxidant protection of CELLFOOD® against oxidative damage in vitro. Food and Chemical Toxicology, 2011, 49, 2292-2298.	1.8	18
1059	Dietary antioxidant supplements: Benefits of their combined use. Food and Chemical Toxicology, 2011, 49, 3232-3237.	1.8	30
1060	Characterization of bioactive compounds and ameliorative effects of Ceratonia siliqua leaf extract against CCl4 induced hepatic oxidative damage and renal failure in rats. Food and Chemical Toxicology, 2011, 49, 3183-3191.	1.8	66
1061	Assessment of lipid peroxidation and antioxidant status in rheumatoid arthritis and osteoarthritis patients. Egyptian Rheumatologist, 2011, 33, 179-185.	0.5	48
1062	Aging and amyloid beta-induced oxidative DNA damage and mitochondrial dysfunction in Alzheimer's disease: Implications for early intervention and therapeutics. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2011, 1812, 1359-1370.	1.8	252
1063	Hydrogen-rich medium protects human skin fibroblasts from high glucose or mannitol induced oxidative damage. Biochemical and Biophysical Research Communications, 2011, 409, 350-355.	1.0	41
1064	The Role of Oxidative Stress in the Pathophysiology of Gestational Diabetes Mellitus. Antioxidants and Redox Signaling, 2011, 15, 3061-3100.	2.5	302
1065	The Role of Carotenoids in Human Skin. Molecules, 2011, 16, 10491-10506.	1.7	129
1066	Electrodeposited acetaminophen as a bifunctional electrocatalyst for simultaneous determination of ascorbic acid, glutathione, adrenaline and tryptophan. Analyst, The, 2011, 136, 4595.	1.7	17
1067	Plasma protein carbonylation and physical exercise. Molecular BioSystems, 2011, 7, 640-650.	2.9	25
1068	Simultaneous determination of ascorbic acid, aminothiols, and methionine in biological matrices using ion-pairing RP-HPLC coupled with electrochemical detector. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2011, 879, 2567-2575.	1.2	26
1069	Interaction between oxidative stress and chemokines: Possible pathogenic role in systemic lupus erythematosus and rheumatoid arthritis. Immunobiology, 2011, 216, 1010-1017.	0.8	107
1070	C-Phycocyanin ameliorates experimental autoimmune encephalomyelitis and induces regulatory T cells. International Immunopharmacology, 2011, 11, 29-38.	1.7	46
1071	ROS production in neutrophils from alloxan-induced diabetic rats treated in vivo with astaxanthin. International Immunopharmacology, 2011, 11, 103-109.	1.7	62
1072	Mechanisms and consequences of bacterial targeting by the autophagy pathway. Current Opinion in Microbiology, 2011, 14, 68-75.	2.3	67

#	ARTICLE	IF	CITATIONS
1073	The role of mitochondrial membrane potential in ischemic heart failure. <i>Mitochondrion</i> , 2011, 11, 700-706.	1.6	85
1074	Cytotoxicity and genotoxicity studies of two free-radical generators (AAPH and SIN-1) in human microvascular endothelial cells (HMEC-1) and human peripheral lymphocytes. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2011, 722, 69-77.	0.9	11
1075	A modified alkaline Comet assay for in vivo detection of oxidative DNA damage in <i>Drosophila melanogaster</i> . <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2011, 726, 222-226.	0.9	44
1076	Modeling neurodegenerative disease pathophysiology in thiamine deficiency: Consequences of impaired oxidative metabolism. <i>Neurochemistry International</i> , 2011, 58, 248-260.	1.9	87
1077	Glutathione metabolism is modulated by postmortem interval, gender difference and agonal state in postmortem human brains. <i>Neurochemistry International</i> , 2011, 59, 1029-1042.	1.9	34
1078	Central antioxidant therapy inhibits parasympathetic baroreflex control in conscious rats. <i>Neuroscience Letters</i> , 2011, 489, 115-118.	1.0	16
1079	Diphenyl diselenide and analogs are substrates of cerebral rat thioredoxin reductase: A pathway for their neuroprotective effects. <i>Neuroscience Letters</i> , 2011, 503, 1-5.	1.0	59
1080	Antioxidant and anti-platelet properties of milk from goat, donkey and cow: An in vitro, ex vivo and in vivo study. <i>International Dairy Journal</i> , 2011, 21, 901-906.	1.5	46
1081	Hemoxygenase-1 expression in response to arecoline-induced oxidative stress in human umbilical vein endothelial cells. <i>International Journal of Cardiology</i> , 2011, 151, 187-194.	0.8	33
1082	The Effects of Hydrogen-Rich Saline on the Contractile and Structural Changes of Intestine Induced by Ischemia-Reperfusion in Rats. <i>Journal of Surgical Research</i> , 2011, 167, 316-322.	0.8	58
1083	<i>Ganoderma atrum</i> polysaccharide attenuates oxidative stress induced by d-galactose in mouse brain. <i>Life Sciences</i> , 2011, 88, 713-718.	2.0	39
1084	Reactive oxygen and nitrogen species modulate the ex-vivo effects of LPS on platelet adhesion to fibrinogen. <i>Life Sciences</i> , 2011, 89, 773-778.	2.0	5
1085	Formulation and characterization of α -tocopherol loaded poly ϵ -caprolactone (PCL) nanoparticles. <i>LWT - Food Science and Technology</i> , 2011, 44, 24-28.	2.5	47
1086	A comparative study of tocopherols composition and antioxidant properties of in vivo and in vitro ectomycorrhizal fungi. <i>LWT - Food Science and Technology</i> , 2011, 44, 820-824.	2.5	23
1087	Nutrition in centenarians. <i>Maturitas</i> , 2011, 68, 203-209.	1.0	45
1088	Reactive oxygen and nitrogen species balance in the determination of thyroid hormones-induced cardiac hypertrophy mediated by renin-angiotensin system. <i>Molecular and Cellular Endocrinology</i> , 2011, 333, 78-84.	1.6	30
1089	Insulin and growth hormone-releasing peptide-6 (GHRP-6) have differential beneficial effects on cell turnover in the pituitary, hypothalamus and cerebellum of streptozotocin (STZ)-induced diabetic rats. <i>Molecular and Cellular Endocrinology</i> , 2011, 337, 101-113.	1.6	9
1090	Dehydroepiandrosterone improves hepatic antioxidant reserve and stimulates Akt signaling in young and old rats. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2011, 127, 331-336.	1.2	15

#	ARTICLE	IF	CITATIONS
1091	Methanolic extract of Hibiscus asper leaves improves spatial memory deficits in the 6-hydroxydopamine-lesion rodent model of Parkinson's disease. <i>Journal of Ethnopharmacology</i> , 2011, 133, 773-779.	2.0	70
1092	Studies on the antioxidant and hepatoprotective activities of polysaccharides from <i>Talinum triangulare</i> . <i>Journal of Ethnopharmacology</i> , 2011, 136, 316-321.	2.0	78
1093	A new HPLC method for the simultaneous determination of ascorbic acid and amino thiols in human plasma and erythrocytes using electrochemical detection. <i>Talanta</i> , 2011, 84, 789-801.	2.9	94
1094	Aflatoxin B1 and fumonisin B1 affect the oxidative status of bovine peripheral blood mononuclear cells. <i>Toxicology in Vitro</i> , 2011, 25, 684-691.	1.1	46
1095	Comparison between the antiproliferative effect and intracellular glutathione depletion induced by Casiopeana llygly and cisplatin in murine melanoma B16 cells. <i>Toxicology in Vitro</i> , 2011, 25, 868-873.	1.1	31
1096	Oxidative stress in human lymphocytes treated with fatty acid mixture: Role of carotenoid astaxanthin. <i>Toxicology in Vitro</i> , 2011, 25, 1448-1456.	1.1	40
1097	Size-dependent cytotoxicity of amorphous silica nanoparticles in human hepatoma HepG2 cells. <i>Toxicology in Vitro</i> , 2011, 25, 1343-1352.	1.1	167
1098	Discovery and development of integrative biological markers for schizophrenia. <i>Progress in Neurobiology</i> , 2011, 95, 686-702.	2.8	28
1099	Effects of long-term antidepressant treatment on oxidative status in major depressive disorder: A 24-week follow-up study. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2011, 35, 1284-1290.	2.5	119
1100	Effects of enoxaparin in the rat hippocampus following traumatic brain injury. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2011, 35, 1846-1856.	2.5	18
1101	Positive correlation between elevated plasma cholesterol levels and cognitive impairments in LDL receptor knockout mice: relevance of cortico-cerebral mitochondrial dysfunction and oxidative stress. <i>Neuroscience</i> , 2011, 197, 99-106.	1.1	86
1102	A High Antioxidant Spice Blend Attenuates Postprandial Insulin and Triglyceride Responses and Increases Some Plasma Measures of Antioxidant Activity in Healthy, Overweight Men. <i>Journal of Nutrition</i> , 2011, 141, 1451-1457.	1.3	33
1103	Effect of chronic supplementation with methylsulfonylmethane on oxidative stress following acute exercise in untrained healthy men. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 63, 1290-1294.	1.2	35
1104	Ovine corpus luteum proteins, with functions including oxidative stress and lipid metabolism, show complex alterations during implantation. <i>Journal of Endocrinology</i> , 2011, 210, 47-58.	1.2	27
1105	Antioxidant Therapy in Acute Pancreatitis: Experimental and Clinical Evidence. <i>Antioxidants and Redox Signaling</i> , 2011, 15, 2767-2777.	2.5	39
1106	The Contributions Of Antioxidant Activity Of Lipoic Acid In Reducing Neurogenerative Progression Of Parkinson's Disease: A Review. <i>International Journal of Neuroscience</i> , 2011, 121, 51-57.	0.8	47
1107	Polyphenols and Human Health: A Prospectus. <i>Critical Reviews in Food Science and Nutrition</i> , 2011, 51, 524-546.	5.4	286
1108	The green tea polyphenol (âˆ“)-epigallocatechin-3-gallate ameliorates experimental immune-mediated glomerulonephritis. <i>Kidney International</i> , 2011, 80, 601-611.	2.6	50

#	ARTICLE	IF	CITATIONS
1109	Antioxidant activities of extracts and metabolites isolated from the fungus <i>Antrodia cinnamomea</i> . <i>Natural Product Research</i> , 2011, 25, 1488-1496.	1.0	31
1110	The Antioxidant Activity and Thermal Stability of Lemon Verbena (<i>Aloysia triphylla</i>) Infusion. <i>Journal of Medicinal Food</i> , 2011, 14, 517-527.	0.8	27
1111	Amelioration of scopolamine induced cognitive dysfunction and oxidative stress by <i>Inonotus obliquus</i> a medicinal mushroom. <i>Food and Function</i> , 2011, 2, 320.	2.1	34
1112	Fullerenes for Applications in Biology and Medicine. <i>Current Medicinal Chemistry</i> , 2011, 18, 2045-2059.	1.2	173
1113	Expression of thioredoxin system and related peroxiredoxin proteins is associated with clinical outcome in radiotherapy treated early stage breast cancer. <i>Radiotherapy and Oncology</i> , 2011, 100, 308-313.	0.3	41
1114	Furazolidone induced oxidative DNA damage via up-regulating ROS that caused cell cycle arrest in human hepatoma G2 cells. <i>Toxicology Letters</i> , 2011, 201, 205-212.	0.4	57
1115	Oxidant mechanisms in childhood obesity: the link between inflammation and oxidative stress. <i>Translational Research</i> , 2011, 158, 369-384.	2.2	136
1116	Supplementation of green tea catechins in dentifrices suppresses gingival oxidative stress and periodontal inflammation. <i>Archives of Oral Biology</i> , 2011, 56, 48-53.	0.8	79
1117	593 HEPATOPROTECTIVE AND ANTIHEPATOFIBROTIC EFFECTS OF YI GUAN JIAN IN RATS WITH DIMETHYLNITROSAMINE-INDUCED LIVER FIBROSIS. <i>Journal of Hepatology</i> , 2011, 54, S241.	1.8	0
1119	Antioxidant activities, α -glucosidase inhibitory effect in vitro and antihyperglycemic of <i>Trapa acornis</i> shell in alloxan-induced diabetic rats. <i>Journal of Medicinal Plants Research</i> , 2011, 5, .	0.2	5
1120	Selenium (Se), Blood Glutathione Peroxidases and DNA Damage in Chronic Kidney Disease Patients on Hemodialysis and After Kidney Transplantation - The Effect of Se Supplementation. , 2011, , .		0
1121	The concentration of thiobarbituric acid reactive substances (TBARS) and paraoxonase activity in blood of patients with osteoarthritis after endoprosthesis implantation. <i>Medical Science Monitor</i> , 2011, 17, CR498-CR504.	0.5	22
1122	By-Products from Plant Foods are Sources of Dietary Fibre and Antioxidants. , 0, , .		9
1123	IL-6 promotes nonthyroidal illness syndrome by blocking thyroxine activation while promoting thyroid hormone inactivation in human cells. <i>Journal of Clinical Investigation</i> , 2011, 121, 1834-1845.	3.9	122
1124	Dynamic expression of manganese superoxide dismutase during mouse embryonic organogenesis. <i>International Journal of Developmental Biology</i> , 2011, 55, 327-334.	0.3	11
1125	Effect of Fruit and Vegetable Intake on Oxidative Stress and Dyslipidemia Markers in Human and Animal Models. , 0, , .		1
1126	Molecular Mechanisms of Pesticide Toxicity. , 0, , .		20
1127	Relationship Between Oxidative Stress and Anxiety: Emerging Role of Antioxidants Within Therapeutic or Preventive Approaches. , 0, , .		8

#	ARTICLE	IF	CITATIONS
1128	Oxidative Stress Pathway Driven by Inflammation in Gastric Mucosa. , 2011, , .		2
1129	Antioxidant effect of Iloprost: current knowledge and therapeutic implications for systemic sclerosis. Reumatismo, 2011, 61, 90-7.	0.4	12
1130	Oxidative Stress and Neurodegenerative Disease. , 2011, , .		5
1131	Agrochemicals: Horticulture Use Conditions Determine Genotoxic Effects and Oxidative Damage in Rural Populations in Santa Fe, Argentina. , 2011, , .		0
1132	Acute Phase Proteins: Structure and Function Relationship. , 0, , .		9
1133	Salvianolic Acid B, a Potential Chemopreventive Agent, for Head and Neck Squamous Cell Cancer. Journal of Oncology, 2011, 2011, 1-8.	0.6	38
1134	Phytochemical and Antioxidant Properties of Pericap of <i>Garcinia kola</i> Extract. Bayero Journal of Pure and Applied Sciences, 2011, 4, .	0.1	0
1135	Cigarette smoking induces overexpression of c-Met receptor in microvessels of oral lichen planus. Archives of Medical Science, 2011, 4, 706-712.	0.4	11
1136	Metabolismo mitocondrial, radicais livres e envelhecimento. Revista Brasileira De Geriatria E Gerontologia, 2011, 14, 441-451.	0.1	18
1137	Expression of calbindin-D28k is inversely correlated with proapoptotic gene expression in hydrogen peroxide-induced cell death in endometrial cancer cells. International Journal of Oncology, 2011, 38, 1059-66.	1.4	10
1138	The Role of Reactive Nitrogen and Oxygen Intermediates in Systemic Lupus Erythematosus. , 2011, , 199-211.		3
1139	Antioxidant and Antiradical Activities of Manihot esculenta Crantz (Euphorbiaceae) Leaves and Other Selected Tropical Green Vegetables Investigated on Lipoperoxidation and Phorbol-12-myristate-13-acetate (PMA) Activated Monocytes. Nutrients, 2011, 3, 818-838.	1.7	30
1140	Licocalchone-C Extracted from Glycyrrhiza Glabra Inhibits Lipopolysaccharide-Interferon- β Inflammation by Improving Antioxidant Conditions and Regulating Inducible Nitric Oxide Synthase Expression. Molecules, 2011, 16, 5720-5734.	1.7	64
1141	Total Antioxidant Capacity of Venous Blood, Blood Plasma, and Serum of Patients With Periodontitis, and the Effect of Traumeel S on These Characteristics. Medicina (Lithuania), 2011, 47, 27.	0.8	7
1142	Targeting Glycogen Synthase Kinase-3 for Therapeutic Benefit against Oxidative Stress in Alzheimer's Disease: Involvement of the Nrf2-ARE Pathway. International Journal of Alzheimer's Disease, 2011, 2011, 1-9.	1.1	46
1143	Reproductive Benefit of Oxidative Damage: An Oxidative Stress "Malevolence". Oxidative Medicine and Cellular Longevity, 2011, 2011, 1-9.	1.9	19
1144	Oxidative Stress and Inflammation in Heart Disease: Do Antioxidants Have a Role in Treatment and/or Prevention?. International Journal of Inflammation, 2011, 2011, 1-9.	0.9	187
1145	Liposomal Antioxidants for Protection against Oxidant-Induced Damage. Journal of Toxicology, 2011, 2011, 1-16.	1.4	103

#	ARTICLE	IF	CITATIONS
1146	Mitogen-Activated Protein Kinases and Reactive Oxygen Species: How Can ROS Activate MAPK Pathways?. <i>Journal of Signal Transduction</i> , 2011, 2011, 1-6.	2.0	824
1147	Lipid profile, apolipoprotein A-I and oxidative stress in professional footballers, sedentary individuals, and their relatives. <i>Arquivos Brasileiros De Endocrinologia E Metabologia</i> , 2011, 55, 121-126.	1.3	10
1148	Increased oxidative stress in patients with familial Mediterranean fever during attack period. <i>African Health Sciences</i> , 2011, 11, S6-13.	0.3	10
1149	Neuroprotective actions of ghrelin and growth hormone secretagogues. <i>Frontiers in Molecular Neuroscience</i> , 2011, 4, 23.	1.4	48
1151	Electromagnetic Waves and Human Health. , 0, , .		17
1152	Determination of antioxidant activity of saffron taken from the flower of <i>Crocus sativus</i> grown in Lebanon. <i>African Journal of Biotechnology</i> , 2011, 10, 8093-8100.	0.3	44
1153	Biomolecule Profiles in Inedible Wild Mushrooms with Antioxidant Value. <i>Molecules</i> , 2011, 16, 4328-4338.	1.7	60
1154	Intracellular ROS Protection Efficiency and Free Radical-Scavenging Activity of Curcumin. <i>PLoS ONE</i> , 2011, 6, e26012.	1.1	266
1155	Antioxidant Defenses Predict Long-Term Survival in a Passerine Bird. <i>PLoS ONE</i> , 2011, 6, e19593.	1.1	87
1156	Acidic Environment Leads to ROS-Induced MAPK Signaling in Cancer Cells. <i>PLoS ONE</i> , 2011, 6, e22445.	1.1	119
1157	Tumor-Associated Macrophages (TAMs) Form an Interconnected Cellular Supportive Network in Anaplastic Thyroid Carcinoma. <i>PLoS ONE</i> , 2011, 6, e22567.	1.1	147
1158	Hyperbaric Oxygen: Its Mechanisms and Efficacy. <i>Plastic and Reconstructive Surgery</i> , 2011, 127, 131S-141S.	0.7	433
1159	Effects of reactive oxygen species on metabolism monitored by longitudinal 1H single voxel MRS follow-up in patients with mitochondrial disease or cerebral tumors. <i>Journal of Physics: Conference Series</i> , 2011, 261, 012011.	0.3	2
1160	Associations between Diet and Both High and Low Pure Tone Averages and Transient Evoked Otoacoustic Emissions in an Older Adult Population-Based Study. <i>Journal of the American Academy of Audiology</i> , 2011, 22, 049-058.	0.4	47
1161	Gender Specific Aspects of Cell Death in the Cardiovascular System. <i>Current Pharmaceutical Design</i> , 2011, 17, 1046-1055.	0.9	18
1162	Intracellular Redox Signaling as Therapeutic Target for Novel Antiviral Strategy. <i>Current Pharmaceutical Design</i> , 2011, 17, 3898-3904.	0.9	55
1163	Schizophrenia: Redox Regulation and Volume Neurotransmission. <i>Current Neuropharmacology</i> , 2011, 9, 289-300.	1.4	23
1164	Mitophagy in Neurodegeneration: An Opportunity for Therapy?. <i>Current Drug Targets</i> , 2011, 12, 790-799.	1.0	26

#	ARTICLE	IF	CITATIONS
1165	The Principle and the Potential Approach to ROS-dependent Cytotoxicity by Non-pharmaceutical Therapies: Optimal Use of Medical Gases with Antioxidant Properties. <i>Current Pharmaceutical Design</i> , 2011, 17, 2253-2263.	0.9	11
1166	Oxidative Stress and Mitochondrial Impairment After Treatment with Anti-HIV Drugs: Clinical Implications. <i>Current Pharmaceutical Design</i> , 2011, 17, 4076-4086.	0.9	43
1167	Cordyceps as an Herbal Drug. <i>Oxidative Stress and Disease</i> , 2011, , 73-105.	0.3	10
1168	Methods for Analysis of Free Radicals in Cigarette Smoke. <i>Mini-Reviews in Organic Chemistry</i> , 2011, 8, 401-411.	0.6	10
1169	Low but sustained coagulation activation ameliorates glucose-induced podocyte apoptosis: protective effect of factor V Leiden in diabetic nephropathy. <i>Blood</i> , 2011, 117, 5231-5242.	0.6	45
1170	Do reactive oxygen species play a role in myeloid leukemias?. <i>Blood</i> , 2011, 117, 5816-5826.	0.6	201
1172	High-throughput Total Cupric Ion Reducing Antioxidant Capacity of Biological Samples Determined Using Flow Injection Analysis and Microplate-based Methods. <i>Analytical Sciences</i> , 2011, 27, 483-488.	0.8	34
1173	Dynamics of Reactive Oxygen Metabolites and Biological Antioxidant Potential in the Acute Stage of Kawasaki Disease. <i>Circulation Journal</i> , 2011, 75, 2453-2459.	0.7	30
1174	Comparative Study of <i>Puerariae lobatae</i> and <i>Puerariae thomsonii</i> by HPLC-Diode Array Detection-Flow Injection-Chemiluminescence Coupled with HPLC-Electrospray Ionization-MS. <i>Chemical and Pharmaceutical Bulletin</i> , 2011, 59, 541-545.	0.6	14
1175	Antifatigue and Antioxidant Activity of Alcoholic Extract from <i>Saussurea involucreta</i> . <i>Journal of Traditional and Complementary Medicine</i> , 2011, 1, 64-68.	1.5	16
1176	Reactive Oxygen Species Scavenger Inhibits STAT3 Activation After Transient Focal Cerebral Ischemiaâ€“Reperfusion Injury in Rats. <i>Anesthesia and Analgesia</i> , 2011, 113, 153-159.	1.1	47
1177	Oxidative Stress and Antioxidant Status during Transition Period in Dairy Cows. <i>Asian-Australasian Journal of Animal Sciences</i> , 2011, 24, 479-484.	2.4	113
1178	Developmental Programming in Response to Maternal Overnutrition. <i>Frontiers in Genetics</i> , 2011, 2, 27.	1.1	260
1179	Pancreatistatin induces apoptosis and autophagy in metastatic prostate cancer cells. <i>International Journal of Oncology</i> , 2011, 38, 1549-56.	1.4	17
1180	Isolated Mitochondrial Complex I Deficiency: Explorative Data Analysis of Patient Cell Parameters. <i>Current Pharmaceutical Design</i> , 2011, 17, 4023-4033.	0.9	28
1182	Effects of transient overexpression or knockdown of cytochrome P450 reductase on reactive oxygen species generation and hypoxia reoxygenation injury in liver cells. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2011, 38, 846-853.	0.9	11
1183	Pterin-based ornamental coloration predicts yolk antioxidant levels in female striped plateau lizards (<i>Sceloporus virgatus</i>). <i>Journal of Animal Ecology</i> , 2011, 80, 519-527.	1.3	49
1184	The responsive expression of a caspase gene in Chinese shrimp <i>Fenneropenaeus chinensis</i> against pH stress. <i>Aquaculture Research</i> , 2011, 42, 1214-1230.	0.9	16

#	ARTICLE	IF	CITATIONS
1185	Antioxidant mechanism of isoflavone metabolites in hydrogen peroxide-stimulated rat primary astrocytes: critical role of hemoxygenase-1 and NQO1 expression. <i>Journal of Neurochemistry</i> , 2011, 119, 909-919.	2.1	64
1186	The phosphorylation status of extracellular-regulated kinase 1/2 in astrocytes and neurons from rat hippocampus determines the thrombin-induced calcium release and ROS generation. <i>Journal of Neurochemistry</i> , 2011, 119, 1194-1204.	2.1	12
1187	Modulation of reactive oxygen species in skeletal muscle by myostatin is mediated through NF- κ B. <i>Aging Cell</i> , 2011, 10, 931-948.	3.0	149
1188	Synthesis and Biological Evaluation of New Quinoxaline Derivatives as Antioxidant and Anti-inflammatory Agents. <i>Chemical Biology and Drug Design</i> , 2011, 77, 255-267.	1.5	75
1189	Effect of pre-breathing oxygen at different depth on oxidative status and calcium concentration in lymphocytes of scuba divers. <i>Acta Physiologica</i> , 2011, 202, 69-78.	1.8	35
1190	THE EFFECT OF PROCESS VARIABLES FOR PRODUCTION OF COBIA (RACHYCENTRON CANADUM) SKIN GELATIN HYDROLYSATES WITH ANTIOXIDANT PROPERTIES. <i>Journal of Food Biochemistry</i> , 2011, 35, 715-734.	1.2	7
1191	Evaluation of oxidative stress and antioxidant profile in patients with oral lichen planus. <i>Journal of Oral Pathology and Medicine</i> , 2011, 40, 286-293.	1.4	94
1192	FoxOs, Wnts and oxidative stress-induced bone loss: new players in the periodontitis arena?. <i>Journal of Periodontal Research</i> , 2011, 46, 397-406.	1.4	59
1193	Melatonin as a natural ally against oxidative stress: a physicochemical examination. <i>Journal of Pineal Research</i> , 2011, 51, 1-16.	3.4	963
1194	Genistein attenuates genioglossus muscle fatigue under chronic intermittent hypoxia by down-regulation of oxidative stress level and up-regulation of antioxidant enzyme activity through ERK1/2 signaling pathway. <i>Oral Diseases</i> , 2011, 17, 677-684.	1.5	25
1195	Copeptin and Peroxiredoxin-4 Independently Predict Mortality in Patients With Nonspecific Complaints Presenting to the Emergency Department. <i>Academic Emergency Medicine</i> , 2011, 18, 851-859.	0.8	38
1196	Broccoli sprouts reduce oxidative stress in type 2 diabetes: a randomized double-blind clinical trial. <i>European Journal of Clinical Nutrition</i> , 2011, 65, 972-977.	1.3	80
1197	Periodontitis and risk of diabetes mellitus. <i>Journal of Diabetes</i> , 2011, 3, 21-28.	0.8	78
1198	Oxidative stress and oxidative damage in chemical carcinogenesis. <i>Toxicology and Applied Pharmacology</i> , 2011, 254, 86-99.	1.3	355
1199	Association of the clusterin gene polymorphisms with type 2 diabetes mellitus. <i>Metabolism: Clinical and Experimental</i> , 2011, 60, 815-822.	1.5	46
1200	The basic and applied aspects of superoxide dismutase. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2011, 68, 129-138.	1.8	80
1201	Molecular profiling of the gilthead sea bream (<i>Sparus aurata</i> L.) response to chronic exposure to the myxosporean parasite <i>Enteromyxum leei</i> . <i>Molecular Immunology</i> , 2011, 48, 2102-2112.	1.0	57
1202	Potent protection of gallic acid against DNA oxidation: Results of human and animal experiments. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2011, 715, 61-71.	0.4	47

#	ARTICLE	IF	CITATIONS
1203	ROS formation and antioxidant status in brain areas of rats exposed to sodium metavanadate. <i>Neurotoxicology and Teratology</i> , 2011, 33, 297-302.	1.2	33
1204	Dyslipidemic high-fat diet affects adversely bone metabolism in mice associated with impaired antioxidant capacity. <i>Nutrition</i> , 2011, 27, 214-220.	1.1	41
1205	Highly selective in-vivo imaging of tumor as an inflammation site by ROS detection using hydrocyanine-conjugated, functional nano-carriers. <i>Journal of Controlled Release</i> , 2011, 156, 398-405.	4.8	38
1206	Iron binding of 3-hydroxychromone, 5-hydroxychromone, and sulfonated morin: Implications for the antioxidant activity of flavonols with competing metal binding sites. <i>Journal of Inorganic Biochemistry</i> , 2011, 105, 1314-1322.	1.5	42
1207	Procyanidin B2 and a cocoa polyphenolic extract inhibit acrylamide-induced apoptosis in human Caco-2 cells by preventing oxidative stress and activation of JNK pathway. <i>Journal of Nutritional Biochemistry</i> , 2011, 22, 1186-1194.	1.9	123
1208	Either Called "Chemobrain" or "Chemofog," the Long-Term Chemotherapy-Induced Cognitive Decline in Cancer Survivors Is Real. <i>Journal of Pain and Symptom Management</i> , 2011, 41, 126-139.	0.6	155
1209	N-(2-mercaptopropionyl)-glycine but not Allopurinol prevented cigarette smoke-induced alveolar enlargement in mouse. <i>Respiratory Physiology and Neurobiology</i> , 2011, 175, 322-330.	0.7	11
1210	Sensing pulmonary oxidative stress by lung vagal afferents. <i>Respiratory Physiology and Neurobiology</i> , 2011, 178, 406-413.	0.7	61
1211	Mitochondrial dysfunction: A crucial event in okadaic acid (ICV) induced memory impairment and apoptotic cell death in rat brain. <i>Pharmacology Biochemistry and Behavior</i> , 2011, 100, 311-319.	1.3	71
1212	Pathways linking the early environment to long-term health and lifespan. <i>Progress in Biophysics and Molecular Biology</i> , 2011, 106, 323-336.	1.4	124
1213	Polyphenols as small molecular inhibitors of signaling cascades in carcinogenesis. , 2011, 130, 310-324.		139
1214	Intra-peritoneal application of catechins and EGCG as in vivo inhibitors of ozone-induced oxidative stress. <i>Phytomedicine</i> , 2011, 18, 579-585.	2.3	12
1215	Corpuscular oxidation in newborn crossbred calves naturally infected with <i>Theileria annulata</i> . <i>Veterinary Parasitology</i> , 2011, 182, 193-200.	0.7	17
1216	Oxidative stress elicited by insecticides: A role for the adipokinetic hormone. <i>General and Comparative Endocrinology</i> , 2011, 172, 77-84.	0.8	52
1217	Beyond platinum: synthesis, characterization, and in vitro toxicity of Cu(II)-releasing polymer nanoparticles for potential use as a drug delivery vector. <i>Nanoscale Research Letters</i> , 2011, 6, 445.	3.1	6
1218	Association between inducible and neuronal nitric oxide synthase polymorphisms and recurrent depressive disorder. <i>Journal of Affective Disorders</i> , 2011, 129, 175-182.	2.0	53
1219	Micronutrients in pregnancy: Current knowledge and unresolved questions. <i>Clinical Nutrition</i> , 2011, 30, 689-701.	2.3	111
1220	Free radicals in breast carcinogenesis, breast cancer progression and cancer stem cells. Biological bases to develop oxidative-based therapies. <i>Critical Reviews in Oncology/Hematology</i> , 2011, 80, 347-368.	2.0	97

#	ARTICLE	IF	CITATIONS
1221	ATM protects against oxidative stress induced by oxidized low-density lipoprotein. <i>DNA Repair</i> , 2011, 10, 848-860.	1.3	29
1222	Synthesis, structural and spectroscopic characterization, inÂvitro cytotoxicity and inÂvivo activity as free radical scavengers of chlorido(p-cymene) complexes of ruthenium(II) containing N-alkylphenothiazines. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 4168-4177.	2.6	15
1223	Solvent-free, microwave assisted Knoevenagel condensation of novel 2,5-disubstituted indole analogues and their biological evaluation. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 6112-6118.	2.6	58
1224	Effect of long term, non cholesterol lowering dose of fluvastatin treatment on oxidative stress in brain and peripheral tissues of streptozotocin-diabetic rats. <i>European Journal of Pharmacology</i> , 2011, 654, 80-85.	1.7	24
1225	Electrochemistry behavior of endogenous thiols on fluorine doped tin oxide electrodes. <i>Electrochimica Acta</i> , 2011, 56, 8711-8717.	2.6	13
1226	Hepatoprotective effect of acetonic and methanolic extracts of <i>Heterotheca inuloides</i> against CCl ₄ -induced toxicity in rats. <i>Experimental and Toxicologic Pathology</i> , 2011, 63, 363-370.	2.1	36
1227	Effects of exercise training on gingival oxidative stress in obese rats. <i>Archives of Oral Biology</i> , 2011, 56, 768-774.	0.8	28
1228	Prophylactic effect of green tea and <i>Nigella sativa</i> extracts against fenitrothion-induced toxicity in rat parotid gland. <i>Archives of Oral Biology</i> , 2011, 56, 1339-1346.	0.8	16
1229	The biological significance of methionine sulfoxide stereochemistry. <i>Free Radical Biology and Medicine</i> , 2011, 50, 221-227.	1.3	114
1230	Interaction of GAG trinucleotide repeat and Câ ¹²⁹ T polymorphisms impairs expression of the glutamateâ€cysteine ligase catalytic subunit gene. <i>Free Radical Biology and Medicine</i> , 2011, 50, 617-623.	1.3	9
1231	Oxidative stress, insulin signaling, and diabetes. <i>Free Radical Biology and Medicine</i> , 2011, 50, 567-575.	1.3	1,064
1232	The role of the Golgi apparatus in oxidative stress: is this organelle less significant than mitochondria?. <i>Free Radical Biology and Medicine</i> , 2011, 50, 907-917.	1.3	104
1233	S-allylmercapto-N-acetylcysteine up-regulates cellular glutathione and protects vascular endothelial cells from oxidative stress. <i>Free Radical Biology and Medicine</i> , 2011, 50, 1131-1139.	1.3	28
1234	NADPH-oxidase activation and cognition in Alzheimer disease progression. <i>Free Radical Biology and Medicine</i> , 2011, 51, 171-178.	1.3	117
1235	Removal of H ₂ O ₂ and generation of superoxide radical: Role of cytochrome c and NADH. <i>Free Radical Biology and Medicine</i> , 2011, 51, 160-170.	1.3	53
1236	Arsenic-induced oxidative stress and its reversibility. <i>Free Radical Biology and Medicine</i> , 2011, 51, 257-281.	1.3	677
1237	Secoiridoid glucosides and related compounds from <i>Syringa reticulata</i> and their antioxidant activities. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 6426-6429.	1.0	37
1238	Beneficial role of naringin, a flavanoid on nickel induced nephrotoxicity in rats. <i>Chemico-Biological Interactions</i> , 2011, 193, 57-64.	1.7	50

#	ARTICLE	IF	CITATIONS
1239	Differential antioxidant protection in tissues from marine mammals with distinct diving capacities. Shallow/short vs. deep/long divers. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2011, 158, 438-443.	0.8	56
1240	Peophorbide a: A photosensitizer with immunostimulating activities on mouse macrophage RAW 264.7 cells in the absence of irradiation. <i>Cellular Immunology</i> , 2011, 269, 60-67.	1.4	15
1241	QCAR models to predict wild mushrooms radical scavenging activity, reducing power and lipid peroxidation inhibition. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2011, 109, 192-196.	1.8	9
1242	Predicting the free radical scavenging activity of curcumin derivatives. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2011, 109, 207-216.	1.8	47
1243	Oxidative stress, endothelial dysfunction and inflammatory response in rat heart to NO ₂ inhalation exposure. <i>Chemosphere</i> , 2011, 82, 1589-1596.	4.2	40
1244	Lipid mobilization and inflammatory responses during the transition period of dairy cows. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2011, 34, 281-289.	0.7	177
1245	Thermodynamics of Free Radical Reactions and the Redox Environment of a Cell. <i>ACS Symposium Series</i> , 2011, , 71-82.	0.5	14
1246	Agonist- and Hydrogen Peroxide-Mediated Oxidation of the β_2 Adrenergic Receptor: Evidence of Receptor S-Sulfenation as Detected by a Modified Biotin-Switch Assay. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2011, 339, 914-921.	1.3	11
1247	Expression of global oxidative stress and matrix metalloproteinases is associated with rett syndrome. <i>Neurochemical Journal</i> , 2011, 5, 141-145.	0.2	1
1248	Diabetes mellitus: Metabolic effects and oxidative stress. <i>Biochemistry (Moscow) Supplement Series A: Membrane and Cell Biology</i> , 2011, 5, 101-110.	0.3	0
1249	Total polyphenolic compounds contents (TPC), total antioxidant activities (TAA) and HPLC determination of individual polyphenolic compounds in selected Moravian and Austrian wines. <i>Open Chemistry</i> , 2011, 9, 677-687.	1.0	11
1250	2-deoxy-D-glucose combined with ferulic acid enhances radiation response in non-small cell lung carcinoma cells. <i>Open Life Sciences</i> , 2011, 6, 743-755.	0.6	6
1251	Exploring the Biology of Lipid Peroxidation-Derived Protein Carbonylation. <i>Chemical Research in Toxicology</i> , 2011, 24, 1411-1419.	1.7	102
1252	Treatment with iron oxide nanoparticles induces ferritin synthesis but not oxidative stress in oligodendroglial cells. <i>Acta Biomaterialia</i> , 2011, 7, 3946-3954.	4.1	68
1253	Methimazole-induced hypothyroidism causes cellular damage in the spleen, heart, liver, lung and kidney. <i>Acta Histochemica</i> , 2011, 113, 1-5.	0.9	47
1254	Antioxidant Properties of Probiotics and Their Protective Effects in the Pathogenesis of Radiation-Induced Enteritis and Colitis. <i>Digestive Diseases and Sciences</i> , 2011, 56, 285-294.	1.1	109
1255	Inhibition of pro-inflammatory mediators: role of <i>Bacopa monniera</i> (L.) Wettst. <i>Inflammopharmacology</i> , 2011, 19, 283-291.	1.9	31
1256	<i>Chlorella vulgaris</i> administration prevents HgCl ₂ -caused oxidative stress and cellular damage in the kidney. <i>Journal of Applied Phycology</i> , 2011, 23, 53-58.	1.5	23

#	ARTICLE	IF	CITATIONS
1257	Role of endogenous salicylic acid in Arabidopsis response to elevated sulfur dioxide concentration. <i>Biologia Plantarum</i> , 2011, 55, 297-304.	1.9	14
1258	Oxidative Stress in Phenylketonuria: What is the Evidence?. <i>Cellular and Molecular Neurobiology</i> , 2011, 31, 653-662.	1.7	67
1259	Suppressive effects of electrolyzed reduced water on alloxan-induced apoptosis and type 1 diabetes mellitus. <i>Cytotechnology</i> , 2011, 63, 119-131.	0.7	40
1260	Inorganic Nanoparticles in Cancer Therapy. <i>Pharmaceutical Research</i> , 2011, 28, 237-259.	1.7	323
1261	Strategies to Target Mitochondria and Oxidative Stress by Antioxidants: Key Points and Perspectives. <i>Pharmaceutical Research</i> , 2011, 28, 2771-2779.	1.7	26
1262	Antioxidant Properties of <i>Amaranthus hypochondriacus</i> Seeds and their Effect on the Liver of Alcohol-Treated Rats. <i>Plant Foods for Human Nutrition</i> , 2011, 66, 157-162.	1.4	36
1263	Glutathione (GSH) Determination by a Very Simple Electrochemical Method. <i>International Journal of Peptide Research and Therapeutics</i> , 2011, 17, 87-92.	0.9	10
1264	The organochalcogen 3-methyl-1-phenyl-2-(phenylseleno)oct-2-en-1-one induces oxidative stress in heart, liver, and kidney of rats. <i>Molecular and Cellular Biochemistry</i> , 2011, 355, 167-172.	1.4	6
1265	Cigarette Smoke Inhibits Brain Mitochondrial Adaptations of Exercised Mice. <i>Neurochemical Research</i> , 2011, 36, 1056-61.	1.6	7
1266	Circulating oxidative stress status in dromedary camels infested with sarcoptic mange. <i>Veterinary Research Communications</i> , 2011, 35, 35-45.	0.6	42
1267	The curative and antioxidative efficiency of ivermectin and ivermectin + vitamin E-selenium treatment on canine <i>Sarcoptes scabiei</i> infestation. <i>Veterinary Research Communications</i> , 2011, 35, 237-244.	0.6	30
1268	Candidate genes involving in tumorigenesis of cholangiocarcinoma induced by <i>Opisthorchis viverrini</i> infection. <i>Parasitology Research</i> , 2011, 109, 657-673.	0.6	22
1269	Pre-treatment with N-acetylcysteine upregulates superoxide dismutase 2 and catalase genes in cadmium-induced oxidative stress in the chick omphalocele model. <i>Pediatric Surgery International</i> , 2011, 27, 131-136.	0.6	7
1270	Carbon dioxide pneumoperitoneum induces anti-inflammatory response and hepatic oxidative stress in young rats with bacterial peritonitis. <i>Pediatric Surgery International</i> , 2011, 27, 289-294.	0.6	8
1271	Increasing levels of serum antioxidant status, total antioxidant power, in systemic sclerosis. <i>Clinical Rheumatology</i> , 2011, 30, 921-925.	1.0	29
1272	The relationship between serum antioxidant vitamins, magnesium levels, and clinical parameters in patients with primary fibromyalgia syndrome. <i>Clinical Rheumatology</i> , 2011, 30, 1039-1043.	1.0	18
1273	Antioxidant activity of the differentially processed seeds of Jack bean (<i>Canavalia ensiformis</i> L. DC). <i>Food Science and Biotechnology</i> , 2011, 20, 585-591.	1.2	14
1274	Anti-aging effects and mechanisms of kimchi during fermentation under stress-induced premature senescence cellular system. <i>Food Science and Biotechnology</i> , 2011, 20, 643-649.	1.2	28

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1275	Effect of defatting and enzyme type on antioxidative activity of shrimp processing byproducts hydrolysate. <i>Food Science and Biotechnology</i> , 2011, 20, 651-657.	1.2	27
1276	Homeorhetic adaptation to lactation: comparative transcriptome analysis of mammary, liver, and adipose tissue during the transition from pregnancy to lactation in rats. <i>Functional and Integrative Genomics</i> , 2011, 11, 193-202.	1.4	23
1277	Training increases peroxiredoxin 2 contents in the erythrocytes of overweight/obese men suffering from type 2 diabetes. <i>Wiener Medizinische Wochenschrift</i> , 2011, 161, 511-518.	0.5	15
1278	Association of the C47T polymorphism in SOD2 with diabetes mellitus and diabetic microvascular complications: a meta-analysis. <i>Diabetologia</i> , 2011, 54, 803-811.	2.9	58
1279	In Vitro and In Vivo Antioxidant Activity of <i>Bifidobacterium animalis</i> O1 Isolated from Centenarians. <i>Current Microbiology</i> , 2011, 62, 1097-1103.	1.0	122
1280	Highly reactive oxygen species: detection, formation, and possible functions. <i>Cellular and Molecular Life Sciences</i> , 2011, 68, 2067-2079.	2.4	133
1281	Î±-Glucosidase inhibitory and antioxidant properties and antidiabetic activity of <i>Hypericum ascyron</i> L.. <i>Medicinal Chemistry Research</i> , 2011, 20, 809-816.	1.1	62
1282	In vivo antioxidative effect of isoquercitrin on cadmium-induced oxidative damage to mouse liver and kidney. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2011, 383, 437-445.	1.4	79
1283	Phenol and para-substituted phenols electrochemical oxidation pathways. <i>Journal of Electroanalytical Chemistry</i> , 2011, 655, 9-16.	1.9	384
1284	TPP and singlet oxygen quenching by carotene in solution. <i>Journal of Molecular Structure</i> , 2011, 993, 474-476.	1.8	8
1285	Chromium (VI) Can Activate and Impair Antioxidant Defense System. <i>Biological Trace Element Research</i> , 2011, 142, 388-397.	1.9	13
1286	Fluoride-Induced Oxidative Stress in Three-Dimensional Culture of OS732 Cells and Rats. <i>Biological Trace Element Research</i> , 2011, 143, 446-456.	1.9	14
1287	Continuous Positive Airway Pressure Therapy Reduces Oxidative Stress Markers and Blood Pressure in Sleep Apnea/Hypopnea Syndrome Patients. <i>Biological Trace Element Research</i> , 2011, 143, 1289-1301.	1.9	16
1288	Reactive Oxygen Species Production and Antioxidant Enzyme Expression after Epstein-Barr Virus Lytic Cycle Induction in Raji Cell Line. <i>Biological Trace Element Research</i> , 2011, 144, 1449-1457.	1.9	25
1289	A Combination of Melatonin and Alpha Lipoic Acid has Greater Cardioprotective Effect than Either of them Singly Against Cadmium-Induced Oxidative Damage. <i>Cardiovascular Toxicology</i> , 2011, 11, 78-88.	1.1	34
1290	Screening and Identification of Antioxidant Components in the Extract of <i>Puerariae radix</i> Using HPLC Coupled with MS. <i>Food Analytical Methods</i> , 2011, 4, 373-380.	1.3	9
1291	Structure and bio-properties of extracellular polysaccharide from <i>Bacillus</i> sp. strain LBP32 Isolated from LUOBOPO desert. <i>Biotechnology and Bioprocess Engineering</i> , 2011, 16, 761-768.	1.4	9
1292	Inhibitory effect of 2-arylbenzofurans from the Mori Cortex Radicis (Moraceae) on oxygen glucose deprivation (OGD)-induced cell death of SH-SY5Y cells. <i>Archives of Pharmacal Research</i> , 2011, 34, 1373-1380.	2.7	26

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1293	Combinatorial Determination of Ischemia Modified Albumin and Protein Carbonyl in the Diagnosis of NonST-Elevation Myocardial Infarction. <i>Indian Journal of Clinical Biochemistry</i> , 2011, 26, 389-395.	0.9	25
1294	Dietary restriction of lycopene for a period of one month resulted in significantly increased biomarkers of oxidative stress and bone resorption in postmenopausal women. <i>Journal of Nutrition, Health and Aging</i> , 2011, 15, 133-138.	1.5	51
1295	The hepatoprotective effect of coumarin and coumarin derivatives on carbon tetrachloride-induced hepatic injury by antioxidative activities in rats. <i>Journal of Physiology and Biochemistry</i> , 2011, 67, 569-576.	1.3	71
1296	Part I. Development of a model system for studying nitric oxide in tumors: high nitric oxide-adapted head and neck squamous cell carcinoma cell lines. <i>Tumor Biology</i> , 2011, 32, 77-85.	0.8	8
1297	Advances in stroke therapy. <i>Drug Delivery and Translational Research</i> , 2011, 1, 409-419.	3.0	82
1298	Role of reactive oxygen species in triptolide-induced apoptosis of renal tubular cells and renal injury in rats. <i>Journal of Huazhong University of Science and Technology [Medical Sciences]</i> , 2011, 31, 335-341.	1.0	25
1299	Plant-based Rasayana drugs from Ayurveda. <i>Chinese Journal of Integrative Medicine</i> , 2011, 17, 88-94.	0.7	82
1300	In Vitro Assessment of Tobacco Smoke Toxicity at the BBB: Do Antioxidant Supplements Have a Protective Role?. <i>BMC Neuroscience</i> , 2011, 12, 92.	0.8	38
1301	Preliminary study of the antioxidant properties of flowers and roots of <i>Pyrostegia venusta</i> (Ker) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 42	3.7	58
1302	Induction of epstein-barr virus (EBV) lytic cycle in vitro causes lipid peroxidation, protein oxidation and DNA damage in lymphoblastoid B cell lines. <i>Lipids in Health and Disease</i> , 2011, 10, 111.	1.2	9
1303	Reduction in oxidatively generated DNA damage following smoking cessation. <i>Tobacco Induced Diseases</i> , 2011, 9, 5.	0.3	5
1304	Reactive oxygen species drive herpes simplex virus (HSV)-1-induced proinflammatory cytokine production by murine microglia. <i>Journal of Neuroinflammation</i> , 2011, 8, 123.	3.1	80
1305	<i>Zingiber officinale</i> acts as a nutraceutical agent against liver fibrosis. <i>Nutrition and Metabolism</i> , 2011, 8, 40.	1.3	56
1306	Dietary total antioxidant capacity is inversely related to central adiposity as well as to metabolic and oxidative stress markers in healthy young adults. <i>Nutrition and Metabolism</i> , 2011, 8, 59.	1.3	119
1307	Biomarkers of oxidative stress and its association with the urinary reducing capacity in bus maintenance workers. <i>Journal of Occupational Medicine and Toxicology</i> , 2011, 6, 18.	0.9	39
1308	The Optimisation of Analytical Parameters for Routine Profiling of Antioxidants in Complex Mixtures by <sc>HPLC</sc> Coupled Postâ€column Derivatisation. <i>Phytochemical Analysis</i> , 2011, 22, 392-402.	1.2	40
1309	Selenoproteinâ€P is downâ€regulated in prostate cancer, which results in lack of protection against oxidative damage. <i>Prostate</i> , 2011, 71, 824-834.	1.2	32
1310	Acrolein scavengers: Reactivity, mechanism and impact on health. <i>Molecular Nutrition and Food Research</i> , 2011, 55, 1375-1390.	1.5	64

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1311	Irradiation enhances hippocampusâ€dependent cognition in mice deficient in extracellular superoxide dismutase. <i>Hippocampus</i> , 2011, 21, 72-80.	0.9	55
1312	Oxidatively Activated DNAâ€Modifying Agents for Selective Cytotoxicity. <i>ChemMedChem</i> , 2011, 6, 869-875.	1.6	15
1313	Threeâ€dimensional EPR/NMR image coregistration using a MATLABâ€based software. <i>Concepts in Magnetic Resonance Part B</i> , 2011, 39B, 180-190.	0.3	2
1314	Cytotoxic effects induced by unmodified and organically modified nanoclays in the human hepatic HepG2 cell line. <i>Journal of Applied Toxicology</i> , 2011, 31, 27-35.	1.4	108
1315	Arsenic: toxicity, oxidative stress and human disease. <i>Journal of Applied Toxicology</i> , 2011, 31, 95-107.	1.4	1,038
1316	Antioxidant and Proâ€Oxidant Evaluation of a <i>Potentilla alba</i> L. Rhizome Extract. <i>Chemistry and Biodiversity</i> , 2011, 8, 1344-1356.	1.0	15
1317	Free radical scavenging abilities of flavonylâ€thiazolidineâ€2,4â€dione compounds. <i>Luminescence</i> , 2011, 26, 10-16.	1.5	3
1318	Radical scavenging ability of some compounds isolated from <i>Piper cubeba</i> towards free radicals. <i>Luminescence</i> , 2011, 26, 202-207.	1.5	9
1319	Thyroid hormoneâ€induced haemoglobin changes and antioxidant enzymes response in erythrocytes. <i>Cell Biochemistry and Function</i> , 2011, 29, 408-413.	1.4	20
1320	Antioxidative and anti-inflammatory properties of <i>Citrus sulcata</i> extracts. <i>Food Chemistry</i> , 2011, 124, 958-963.	4.2	44
1321	Chemical composition of wild edible mushrooms and antioxidant properties of their water soluble polysaccharidic and ethanolic fractions. <i>Food Chemistry</i> , 2011, 126, 610-616.	4.2	157
1322	Evaluation of the antioxidant activity of five endemic <i>Ligustrum</i> species leaves from Taiwan flora in vitro. <i>Food Chemistry</i> , 2011, 127, 564-571.	4.2	43
1323	Redox Protein Expression Predicts Radiotherapeutic Response in Early-Stage Invasive Breast Cancer Patients. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011, 79, 1532-1540.	0.4	25
1324	The redoxome. <i>Current Opinion in Chemical Biology</i> , 2011, 15, 113-119.	2.8	71
1325	Relevance of the ability of fructose 1,6-bis(phosphate) to sequester ferrous but not ferric ions. <i>Carbohydrate Research</i> , 2011, 346, 416-420.	1.1	18
1326	Screening for antioxidants in complex matrices using high performance liquid chromatography with acidic potassium permanganate chemiluminescence detection. <i>Analytica Chimica Acta</i> , 2011, 684, 134-141.	2.6	33
1327	Synthesis and evaluation of quinonoid compounds against tumor cell lines. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 399-410.	2.6	74
1328	Protective effects of the crude extracts from yam (<i>Dioscorea alata</i>) peel on tert-butylhydroperoxide-induced oxidative stress in mouse liver cells. <i>Food Chemistry</i> , 2011, 126, 429-434.	4.2	16

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1329	Inhibitory effect of <i>Lavandula viridis</i> on Fe ²⁺ -induced lipid peroxidation, antioxidant and anti-cholinesterase properties. <i>Food Chemistry</i> , 2011, 126, 1779-1786.	4.2	51
1330	Chemical, biochemical and electrochemical assays to evaluate phytochemicals and antioxidant activity of wild plants. <i>Food Chemistry</i> , 2011, 127, 1600-1608.	4.2	128
1331	New and unconventional approaches for advancing resolution in biological transmission electron microscopy by improving macromolecular specimen preparation and preservation. <i>Micron</i> , 2011, 42, 141-151.	1.1	20
1332	Oxidative stress in schizophrenia: An integrated approach. <i>Neuroscience and Biobehavioral Reviews</i> , 2011, 35, 878-893.	2.9	375
1333	Effects of resveratrol and other wine polyphenols on vascular function: an update. <i>Journal of Nutritional Biochemistry</i> , 2011, 22, 201-211.	1.9	144
1334	7-b, a novel amonafide analogue, cause growth inhibition and apoptosis in Raji cells via a ROS-mediated mitochondrial pathway. <i>Leukemia Research</i> , 2011, 35, 646-656.	0.4	12
1335	Antiproliferative potential and DNA scission inhibitory activity of phenolics from whole millet grains. <i>Journal of Functional Foods</i> , 2011, 3, 159-170.	1.6	143
1336	The effects of ferulic acid on nucleus pulposus cells under hydrogen peroxide-induced oxidative stress. <i>Process Biochemistry</i> , 2011, 46, 1670-1677.	1.8	17
1337	PEP-1-SOD1 protects brain from ischemic insult following asphyxial cardiac arrest in rats. <i>Resuscitation</i> , 2011, 82, 1081-1086.	1.3	17
1338	Advances in metal-induced oxidative stress and human disease. <i>Toxicology</i> , 2011, 283, 65-87.	2.0	2,397
1339	Olive oil hydroxytyrosol reduces toxicity evoked by acrylamide in human Caco-2 cells by preventing oxidative stress. <i>Toxicology</i> , 2011, 288, 43-48.	2.0	58
1340	Deficiency of Prdx6 in lens epithelial cells induces ER stress response-mediated impaired homeostasis and apoptosis. <i>American Journal of Physiology - Cell Physiology</i> , 2011, 301, C954-C967.	2.1	49
1341	Elevated oxidative stress and endothelial dysfunction in right coronary artery of right ventricular hypertrophy. <i>Journal of Applied Physiology</i> , 2011, 110, 1674-1681.	1.2	20
1342	Nanodetoxification: emerging role of nanomaterials in drug intoxication treatment. <i>Nanomedicine</i> , 2011, 6, 921-928.	1.7	37
1343	HPV-DNA integration and carcinogenesis: putative roles for inflammation and oxidative stress. <i>Future Virology</i> , 2011, 6, 45-57.	0.9	147
1344	Specificity protein, Sp1-mediated increased expression of Prdx6 as a curcumin-induced antioxidant defense in lens epithelial cells against oxidative stress. <i>Cell Death and Disease</i> , 2011, 2, e234-e234.	2.7	54
1345	Compliance, tolerability and safety of two antioxidant-rich diets: a randomised controlled trial in male smokers. <i>British Journal of Nutrition</i> , 2011, 106, 557-571.	1.2	13
1346	Importance of Iron Chelation in Free Radical-Induced Oxidative Stress and Human Disease. <i>Current Pharmaceutical Design</i> , 2011, 17, 3460-3473.	0.9	204

#	ARTICLE	IF	CITATIONS
1347	New Insights into Redox-Modulated Cell Signaling. <i>Current Pharmaceutical Design</i> , 2011, 17, 3994-4006.	0.9	33
1348	ROS Signaling by NOX4 Drives Fibroblast-to-Myofibroblast Differentiation in the Diseased Prostatic Stroma. <i>Molecular Endocrinology</i> , 2011, 25, 503-515.	3.7	140
1349	Pulmonary Arterial Responses to Reactive Oxygen Species Are Altered in Newborn Piglets With Chronic Hypoxia-Induced Pulmonary Hypertension. <i>Pediatric Research</i> , 2011, 70, 136-141.	1.1	16
1350	Sleep Fragmentation Induces Cognitive Deficits Via Nicotinamide Adenine Dinucleotide Phosphate Oxidase-dependent Pathways in Mouse. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011, 184, 1305-1312.	2.5	150
1351	Contribution of Catecholamine Reactive Intermediates and Oxidative Stress to the Pathologic Features of Heart Diseases. <i>Current Medicinal Chemistry</i> , 2011, 18, 2272-2314.	1.2	93
1352	Antioxidant Properties and Associated Mechanisms of Salicylates. <i>Current Medicinal Chemistry</i> , 2011, 18, 3252-3264.	1.2	45
1353	Redox Control of the Ubiquitin-Proteasome System: From Molecular Mechanisms to Functional Significance. <i>Antioxidants and Redox Signaling</i> , 2011, 15, 2265-2299.	2.5	62
1354	Phantom pain reduction by low-frequency and low-intensity electromagnetic fields. <i>Electromagnetic Biology and Medicine</i> , 2011, 30, 115-127.	0.7	10
1355	Epoxyeicosatrienoic Acids Attenuate Reactive Oxygen Species Level, Mitochondrial Dysfunction, Caspase Activation, and Apoptosis in Carcinoma Cells Treated with Arsenic Trioxide. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2011, 339, 451-463.	1.3	73
1356	Aging Linked to Type 2 Diabetes Increases Oxidative Stress and Chronic Inflammation. <i>Rejuvenation Research</i> , 2011, 14, 25-31.	0.9	25
1357	Stimulation of Activity and Expression of Antioxidant Enzymes by Solvent Fractions and Isolated Compound from <i>Cedrela sinensis</i> Leaves in HepG2 Cells. <i>Journal of Medicinal Food</i> , 2011, 14, 405-412.	0.8	10
1358	Antioxidant Potential of Different Dill (<i>Anethum Graveolens</i> L.) Leaf Extracts. <i>International Journal of Food Properties</i> , 2011, 14, 894-902.	1.3	20
1359	<i>In vitro</i> evaluation of the antioxidant activity of liposomal flavonols by the HRP-H ₂ O ₂ -luminol system. <i>Journal of Microencapsulation</i> , 2011, 28, 258-267.	1.2	24
1360	Is oxidative stress a physiological cost of reproduction? An experimental test in house mice. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 1098-1106.	1.2	108
1361	Oxidative Stress Induces Reactivation of Kaposi's Sarcoma-Associated Herpesvirus and Death of Primary Effusion Lymphoma Cells. <i>Journal of Virology</i> , 2011, 85, 715-724.	1.5	80
1362	Kinetics of carotenoid distribution in human skin in vivo after exogenous stress: disinfectant and wIRA-induced carotenoid depletion recovers from outside to inside. <i>Journal of Biomedical Optics</i> , 2011, 16, 035002.	1.4	29
1363	N-Acetylcysteine Ameliorates ¹³⁷ I-Radiation-Induced Deterioration of Bone Quality in the Rat Femur. <i>Journal of International Medical Research</i> , 2011, 39, 2393-2401.	0.4	5
1364	An increase of oxidative stress markers and the alteration of the antioxidant enzymatic system are associated with spleen damage caused by methimazole-induced hypothyroidism. <i>Drug and Chemical Toxicology</i> , 2011, 34, 180-188.	1.2	14

#	ARTICLE	IF	CITATIONS
1365	<i>In vitro</i> and <i>in vivo</i> evaluation of the anticarcinogenic and cancer chemopreventive potential of a flavonoid-rich fraction from a traditional Indian herb <i>Selaginella bryopteris</i>. British Journal of Nutrition, 2011, 106, 1154-1168.	1.2	34
1366	The role of FOXO3 in DNA damage response in thyrocytes. Endocrine-Related Cancer, 2011, 18, 555-564.	1.6	12
1367	Chronic fluoride toxicity and myocardial damage: Antioxidant offered protection in second generation rats. Toxicology International, 2011, 18, 99.	0.1	33
1368	Antimutagenic and Antioxidant Characteristics of Chukrasia tabularis A Juss Extracts. International Journal of Toxicology, 2011, 30, 21-34.	0.6	8
1369	Age-Related Blood Antioxidant Capacity in Men and Women. Journal of Medical Biochemistry, 2011, 30, 103-108.	0.7	15
1370	Consequences of Hyperoxia and the Toxicity of Oxygen in the Lung. Nursing Research and Practice, 2011, 2011, 1-7.	0.4	126
1371	Phytochemical Analysis and Antioxidant Property of Leaf Extracts of <i>Vitex doniana</i> and <i>Mucuna pruriens</i>. Biochemistry Research International, 2011, 2011, 1-4.	1.5	67
1372	Acute Mitochondrial Actions of Glitazones on the Liver: a Crucial Parameter for their Antidiabetic Properties. Cellular Physiology and Biochemistry, 2011, 28, 899-910.	1.1	24
1373	The effect of acetylsalicylic acid as a radioprotector. Turk Onkoloji Dergisi, 2011, 26, 45-53.	0.0	0
1374	Chronic Inflammatory Disorders and Their Redox Control: From Molecular Mechanisms to Therapeutic Opportunities. Antioxidants and Redox Signaling, 2011, 15, 2605-2641.	2.5	140
1375	The Oxidative Stress Balance Measured in Humans with Different Markers, Following a Single Oral Antioxidants Supplementation or a Diet Poor of Antioxidants. Journal of Cosmetics Dermatological Sciences and Applications, 2011, 01, 64-70.	0.1	4
1376	E4F1 deficiency results in oxidative stress-mediated cell death of leukemic cells. Journal of Experimental Medicine, 2011, 208, 1403-1417.	4.2	20
1377	Postoperative Adhesion Development Following Cesarean and Open Intra-Abdominal Gynecological Operations. Reproductive Sciences, 2011, 18, 1166-1185.	1.1	78
1378	Nuclear receptor CAR-regulated expression of the FAM84A gene during the development of mouse liver tumors. International Journal of Oncology, 2011, 38, 1511-20.	1.4	11
1379	Impact of anti-oxidant status and apoptosis on the induction phase of chemotherapy in childhood acute lymphoblastic leukemia. Hematology, 2011, 16, 14-19.	0.7	4
1380	Control of hyperglycemia significantly improves oxidative stress profile of pancreatic islets. Islets, 2011, 3, 234-240.	0.9	8
1381	EMERGENCE OF INTRINSIC REPRESENTATIONS OF IMAGES BY FEEDFORWARD AND FEEDBACK PROCESSES AND BIOLUMINESCENT PHOTONS IN EARLY RETINOTOPIC AREAS. Journal of Integrative Neuroscience, 2011, 10, 47-64.	0.8	7
1382	A Review on the Dietary Flavonoid Kaempferol. Mini-Reviews in Medicinal Chemistry, 2011, 11, 298-344.	1.1	937

#	ARTICLE	IF	CITATIONS
1383	Hormesis and a Chemical Raison D'Ätre for Secondary Plant Metabolites. Dose-Response, 2011, 9, dose-response.0.	0.7	59
1384	Glutathione peroxidase, superoxide dismutase and catalase genotypes and activities and the progression of chronic kidney disease. Nephrology Dialysis Transplantation, 2011, 26, 2806-2813.	0.4	55
1385	Alzheimers Disease and Intelligence. Current Alzheimer Research, 2011, 8, 345-353.	0.7	24
1386	Oxidative Stress Treatment for Clinical Trials in Neurodegenerative Diseases. Journal of Alzheimer's Disease, 2011, 24, 111-126.	1.2	39
1387	Uroporphyrinogen Decarboxylase Is a Radiosensitizing Target for Head and Neck Cancer. Science Translational Medicine, 2011, 3, 67ra7.	5.8	32
1388	Hsp90 Regulates NADPH Oxidase Activity and Is Necessary for Superoxide but Not Hydrogen Peroxide Production. Antioxidants and Redox Signaling, 2011, 14, 2107-2119.	2.5	78
1389	The Cystine/Cysteine Cycle and GSH Are Independent and Crucial Antioxidant Systems in Malignant Melanoma Cells and Represent Druggable Targets. Antioxidants and Redox Signaling, 2011, 15, 2439-2453.	2.5	41
1390	The plausibility of a role for mercury in the etiology of autism: a cellular perspective. Toxicological and Environmental Chemistry, 2011, 93, 1251-1273.	0.6	40
1391	Effect of Storage Time, Postmortem Interval, Agonal State, and Gender on the Postmortem Preservation of Glial Fibrillary Acidic Protein and Oxidatively Damaged Proteins in Human Brains. Biopreservation and Biobanking, 2011, 9, 379-387.	0.5	17
1392	Immunochemical Detection of Food-Derived Polyphenols in the Aorta: Macrophages as a Major Target Underlying the Anti-Atherosclerotic Activity of Polyphenols. Bioscience, Biotechnology and Biochemistry, 2011, 75, 609-617.	0.6	26
1393	Preventive and protective effects of turkish propolis on H ₂ O ₂ -induced DNA damage in foreskin fibroblast cell lines. Acta Biologica Hungarica, 2011, 62, 388-396.	0.7	39
1394	Diosgenin Ameliorates Cognition Deficit and Attenuates Oxidative Damage in Senescent Mice Induced by D-Galactose. The American Journal of Chinese Medicine, 2011, 39, 551-563.	1.5	50
1395	Empetrum nigrum var. japonicum Extract Suppresses Î³-Ray Radiation-Induced Cell Damage via Inhibition of Oxidative Stress. The American Journal of Chinese Medicine, 2011, 39, 161-170.	1.5	14
1396	EMISSION OF MITOCHONDRIAL BIOPHOTONS AND THEIR EFFECT ON ELECTRICAL ACTIVITY OF MEMBRANE VIA MICROTUBULES. Journal of Integrative Neuroscience, 2011, 10, 65-88.	0.8	81
1397	CENTRAL N-ACETYLCYSTEINE EFFECTS ON BAROREFLEX IN JUVENILE SPONTANEOUSLY HYPERTENSIVE RATS. Journal of Integrative Neuroscience, 2011, 10, 161-176.	0.8	9
1398	Cerebral Oxygenation in Wake and During Sleep and Its Relationship to Cognitive Function in Community-Dwelling Older Adults Without Sleep Disordered Breathing. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2011, 66A, 150-156.	1.7	27
1399	Administration of a nitric oxide donor inhibits mgIA expression by intracellular Francisella tularensis and counteracts phagosomal escape and subversion of TNF-Î± secretion. Journal of Medical Microbiology, 2011, 60, 1570-1583.	0.7	1
1400	Phagocyte-like NADPH oxidase promotes cytokine-induced mitochondrial dysfunction in pancreatic Î²-cells: evidence for regulation by Rac1. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2011, 300, R12-R20.	0.9	58

#	ARTICLE	IF	CITATIONS
1401	Biological Activities of Chinese Propolis and Brazilian Propolis on Streptozotocin-Induced Type 1 Diabetes Mellitus in Rats. Evidence-based Complementary and Alternative Medicine, 2011, 2011, 1-8.	0.5	64
1402	Studies on Veterinary Medicine. Oxidative Stress in Applied Basic Research and Clinical Practice, 2011, , .	0.4	3
1403	Enhanced Oxidative Stress and Platelet Activation Combined with Reduced Antioxidant Capacity in Obese Prepubertal and Adolescent Girls with Full or Partial Metabolic Syndrome. Hormone and Metabolic Research, 2011, 43, 607-613.	0.7	39
1404	Electron Transfer Initiated Reactions Photoinduced by Pterins. Pteridines, 2011, 22, 111-119.	0.5	22
1405	Ferulic acid protects lymphocytes from radiation-predisposed oxidative stress through extracellular regulated kinase. International Journal of Radiation Biology, 2011, 87, 130-140.	1.0	40
1406	Supercritical Carbon Dioxide Extraction of Bioactive Compounds from Ampelopsis grossedentata Stems: Process Optimization and Antioxidant Activity. International Journal of Molecular Sciences, 2011, 12, 6856-6870.	1.8	29
1407	Antioxidant Properties of Aminoethylcysteine Ketimine Decarboxylated Dimer: A Review. International Journal of Molecular Sciences, 2011, 12, 3072-3084.	1.8	12
1408	Effect of a mitochondria-targeted vitamin E derivative on mitochondrial alteration and systemic oxidative stress in mice. British Journal of Nutrition, 2011, 106, 87-95.	1.2	28
1409	Assessment of Impact on Health of Children Working in the Garbage Dumping Site in Dhaka, Bangladesh. Journal of Tropical Pediatrics, 2011, 57, 472-475.	0.7	5
1410	Xanthine oxidase inhibitory activity of the methanolic extracts of selected Jordanian medicinal plants. Pharmacognosy Magazine, 2011, 7, 320.	0.3	48
1411	<i>N</i> -acetylcysteine protects pancreatic islet against glucocorticoid toxicity. Redox Report, 2011, 16, 173-180.	1.4	18
1412	Cardiovascular Complications in CKD Patients: Role of Oxidative Stress. Cardiology Research and Practice, 2011, 2011, 1-8.	0.5	45
1413	Interactions between CKD and MetS and the Development of CVD. Cardiology Research and Practice, 2011, 2011, 1-2.	0.5	3
1414	Medium-mediated effects increase cell killing in a human keratinocyte cell line exposed to solar-simulated radiation. International Journal of Radiation Biology, 2011, 87, 98-111.	1.0	13
1415	A Chinese Herbal Decoction, Modified Yi Guan Jian, Induces Apoptosis in Hepatic Stellate Cells through an ROS-Mediated Mitochondrial/Caspase Pathway. Evidence-based Complementary and Alternative Medicine, 2011, 2011, 1-8.	0.5	27
1416	Total oxidant/antioxidant status in sera of patients with thyroid cancers. Endocrine-Related Cancer, 2011, 18, 773-782.	1.6	87
1417	The Use of Endophytes to Obtain Bioactive Compounds and Their Application in Biotransformation Process. Biotechnology Research International, 2011, 2011, 1-11.	1.4	177
1418	Oxidative depolymerization of polysaccharides by reactive oxygen/nitrogen species. Glycobiology, 2011, 21, 401-409.	1.3	207

#	ARTICLE	IF	CITATIONS
1419	<i>Ocimum gratissimum</i> Aqueous Extract Protects H9c2 Myocardial Cells from H ₂ O ₂ -Induced Cell Apoptosis through Akt Signalling. Evidence-based Complementary and Alternative Medicine, 2011, 2011, 1-8.	0.5	27
1420	Modulation of Acetylation: Creating a Pro-survival and Anti-Inflammatory Phenotype in Lethal Hemorrhagic and Septic Shock. Journal of Biomedicine and Biotechnology, 2011, 2011, 1-15.	3.0	55
1421	Î±-Tocopherol ameliorates nickel induced testicular oxidative and nitrosative stress in albino rats. Journal of Basic and Clinical Physiology and Pharmacology, 2012, 23, 77-82.	0.7	10
1422	Mesenchymal stromal cells in renal ischemia/reperfusion injury. Frontiers in Immunology, 2012, 3, 162.	2.2	26
1423	Time- and dose-dependent differential regulation of copper-zinc superoxide dismutase and manganese superoxide dismutase enzymatic activity and mRNA level by vitamin E in rat blood cells. Redox Report, 2012, 17, 101-107.	1.4	14
1424	Alpha-mangostin induces changes in glutathione levels associated with glutathione peroxidase activity in rat brain synaptosomes. Nutritional Neuroscience, 2012, 15, 13-19.	1.5	25
1425	Measurement Of Urinary Malondialdehyde Levels As An Indicator Of Oxidative Stress And Free Radical Injury In Schizophrenic Patients. Marmara Medical Journal, 2012, , .	0.1	0
1426	Risks and benefits of oxygen in the delivery room. Journal of Maternal-Fetal and Neonatal Medicine, 2012, 25, 41-44.	0.7	12
1427	<i>Scutellaria baicalensis</i> Extracts and Flavonoids Protect Rat L6 Cells from Antimycin A-Induced Mitochondrial Dysfunction. Evidence-based Complementary and Alternative Medicine, 2012, 2012, 1-8.	0.5	21
1428	Reactive Oxygen Species and Inhibitors of Inflammatory Enzymes, NADPH Oxidase, and iNOS in Experimental Models of Parkinson's Disease. Mediators of Inflammation, 2012, 2012, 1-16.	1.4	83
1429	Antidiabetic Properties of Germinated Brown Rice: A Systematic Review. Evidence-based Complementary and Alternative Medicine, 2012, 2012, 1-12.	0.5	71
1430	Changes in the Nasopharyngeal Carcinoma Nuclear Proteome Induced by the EBNA1 Protein of Epstein-Barr Virus Reveal Potential Roles for EBNA1 in Metastasis and Oxidative Stress Responses. Journal of Virology, 2012, 86, 382-394.	1.5	63
1431	Antioxidant and Anti-Inflammatory Properties of Longan (<i>Dimocarpus longan</i> Lour.) Pericarp. Evidence-based Complementary and Alternative Medicine, 2012, 2012, 1-10.	0.5	23
1432	Reactive Oxygen Species and the MEK/ERK Pathway Are Involved in the Toxicity of Clostridium perfringens A-Toxin, a Prototype Bacterial Phospholipase C. Journal of Infectious Diseases, 2012, 206, 1218-1226.	1.9	22
1433	Understanding Redox Homeostasis and Its Role in Cancer. Journal of Clinical and Diagnostic Research JCDR, 2012, 6, 1796-802.	0.8	27
1434	Cardiac mitochondrial network excitability: insights from computational analysis. American Journal of Physiology - Heart and Circulatory Physiology, 2012, 302, H2178-H2189.	1.5	33
1435	The Role of Oxidative Stress on the Pathogenesis of Graves' Disease. Journal of Thyroid Research, 2012, 2012, 1-5.	0.5	52
1436	Electromagnetic Fields, Oxidative Stress, and Neurodegeneration. International Journal of Cell Biology, 2012, 2012, 1-16.	1.0	126

#	ARTICLE	IF	CITATIONS
1437	Predicting Retention Times of Naturally Occurring Phenolic Compounds in Reversed-Phase Liquid Chromatography: A Quantitative Structure-Retention Relationship (QSRR) Approach. <i>International Journal of Molecular Sciences</i> , 2012, 13, 15387-15400.	1.8	16
1438	Hepatoprotective Activity of <i>Elephantopus scaber</i> on Alcohol-Induced Liver Damage in Mice. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-8.	0.5	25
1439	Topiramate Treatment Protects Blood-Brain Barrier Pericytes from Hyperglycemia-Induced Oxidative Damage in Diabetic Mice. <i>Endocrinology</i> , 2012, 153, 362-372.	1.4	104
1440	Complementary and Alternative Medicine and Cancer Survivorship. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-2.	0.5	2
1441	Protective Effect of Recombinant Hirudin Variant III against Galactose-Mediated Rat Lens Epithelial Cell Damage. <i>Current Eye Research</i> , 2012, 37, 187-194.	0.7	9
1442	Honey and Cancer: Sustainable Inverse Relationship Particularly for Developing Nations—A Review. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-10.	0.5	46
1443	Polyphenol Content and Modulatory Activities of Some Tropical Dietary Plant Extracts on the Oxidant Activities of Neutrophils and Myeloperoxidase. <i>International Journal of Molecular Sciences</i> , 2012, 13, 628-650.	1.8	44
1444	Mechanisms Involved in the Aging-Induced Vascular Dysfunction. <i>Frontiers in Physiology</i> , 2012, 3, 132.	1.3	163
1445	Modulation of myocardial contraction by peroxynitrite. <i>Frontiers in Physiology</i> , 2012, 3, 468.	1.3	15
1446	Ascorbic acid supplementation causes faster restoration of reduced glutathione content in the regression of alcohol-induced hepatotoxicity in male guinea pigs. <i>Redox Report</i> , 2012, 17, 72-79.	1.4	15
1447	Effect of percutaneous transthoracic lung biopsy on oxidative metabolism in sheep. <i>Journal of the South African Veterinary Association</i> , 2012, 83, 14.	0.2	4
1448	Oxidative stress as a cofactor in spinocerebellar ataxia type 2. <i>Redox Report</i> , 2012, 17, 84-89.	1.4	16
1450	Persistent oxidative stress in patients with chronic active hepatitis-C infection after antiviral therapy failure. <i>Saudi Journal of Gastroenterology</i> , 2012, 18, 375.	0.5	12
1451	Elevated Hepatic Iron Activates NF-E2-Related Factor 2-Regulated Pathway in a Dietary Iron Overload Mouse Model. <i>Toxicological Sciences</i> , 2012, 129, 74-85.	1.4	25
1452	The Effect of Bioactive Compounds on In Vitro and In Vivo Antioxidant Activity of Different Berry Juices. <i>PLoS ONE</i> , 2012, 7, e47880.	1.1	67
1453	Rutin, a Flavonoid That Is a Main Component of <i>Saussurea involucrata</i> , Attenuates the Senescence Effect in D-Galactose Aging Mouse Model. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-10.	0.5	30
1454	Phospholipase D participates in H ₂ O ₂ -induced A549 alveolar epithelial cell migration. <i>Experimental Lung Research</i> , 2012, 38, 427-433.	0.5	8
1455	Yno1p/Aim14p, a NADPH-oxidase ortholog, controls extramitochondrial reactive oxygen species generation, apoptosis, and actin cable formation in yeast. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 8658-8663.	3.3	126

#	ARTICLE	IF	CITATIONS
1456	ROS-dependent regulation of Parkin and DJ-1 localization during oxidative stress in neurons. <i>Human Molecular Genetics</i> , 2012, 21, 4888-4903.	1.4	186
1457	In Vitro Antimicrobial and Antioxidant Activities of Ethanolic Extract of Lyophilized Mycelium of <i>Pleurotus ostreatus</i> PQMZ91109. <i>Molecules</i> , 2012, 17, 3653-3671.	1.7	45
1458	Oxidative stress and condition-dependent sexual signals: more than just seeing red. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 3121-3130.	1.2	82
1459	Effect of the Intake of Resveratrol, Resveratrol Phosphate, and Catechin-Rich Grape Seed Extract on Markers of Oxidative Stress and Gene Expression in Adult Obese Subjects. <i>Annals of Nutrition and Metabolism</i> , 2012, 61, 15-24.	1.0	65
1460	Terpene Compounds in Nature: A Review of Their Potential Antioxidant Activity. <i>Current Medicinal Chemistry</i> , 2012, 19, 5319-5341.	1.2	250
1461	Oxidative Stress-Regulated Lentiviral TK/GCV Gene Therapy for Lung Cancer Treatment. <i>Cancer Research</i> , 2012, 72, 6227-6235.	0.4	41
1462	Anti-Inflammatory <i>Lactobacillus rhamnosus</i> CNCM I-3690 Strain Protects against Oxidative Stress and Increases Lifespan in <i>Caenorhabditis elegans</i> . <i>PLoS ONE</i> , 2012, 7, e52493.	1.1	139
1463	Curcumin, Oxidative Stress, and Cancer Therapy. , 2012, , 233-256.		4
1464	Relationship of advanced oxidative protein products in human saliva and plasma: age- and gender-related changes and stability during storage. <i>Free Radical Research</i> , 2012, 46, 1201-1206.	1.5	12
1465	Oxidative stress due to radiation in CD34+ Hematopoietic progenitor cells: protection by IGF-1. <i>Journal of Radiation Research</i> , 2012, 53, 672-685.	0.8	20
1466	The Redox Biology of Schistosome Parasites and Applications for Drug Development. <i>Current Pharmaceutical Design</i> , 2012, , .	0.9	18
1467	The Tumor Suppressor Gene ARF as a Sensor of Oxidative Stress. <i>Current Molecular Medicine</i> , 2012, 12, 704-715.	0.6	19
1468	Role of Oxidative Stress and Molecular Changes in Liver Fibrosis: A Review. <i>Current Medicinal Chemistry</i> , 2012, 19, 4850-4860.	1.2	438
1469	Hypoxia induces unique proliferative response in adventitial fibroblasts by activating PDGF β receptor-JNK1 signalling. <i>Cardiovascular Research</i> , 2012, 95, 356-365.	1.8	39
1470	Ginsenoside Rb1 Directly Scavenges Hydroxyl Radical and Hypochlorous Acid. <i>Current Pharmaceutical Design</i> , 2012, 18, 6339-6347.	0.9	41
1471	The 18 kDa Translocator Protein (TSPO): A New Perspective in Mitochondrial Biology. <i>Current Molecular Medicine</i> , 2012, 12, 356-368.	0.6	0
1472	Targeting Oxidative Stress Component in the Therapeutics of Epilepsy. <i>Current Topics in Medicinal Chemistry</i> , 2012, 12, 994-1007.	1.0	35
1473	Biomarkers of Protein Oxidation in Human Disease. <i>Current Molecular Medicine</i> , 2012, 12, 681-697.	0.6	34

#	ARTICLE	IF	CITATIONS
1475	Assessment of reactive oxygen species production in cultured equine skeletal myoblasts in response to conditions of anoxia followed by reoxygenation with or without exposure to peroxidases. American Journal of Veterinary Research, 2012, 73, 426-434.	0.3	11
1476	Pulmonary Endothelial Cell NOX. American Journal of Respiratory Cell and Molecular Biology, 2012, 47, 129-139.	1.4	25
1477	Reactive Oxygen Species, Inflammation, and Lung Diseases. Current Pharmaceutical Design, 2012, 18, 3889-3900.	0.9	157
1478	Redox Processes in Neurodegenerative Disease Involving Reactive Oxygen Species. Current Neuropharmacology, 2012, 10, 289-302.	1.4	39
1479	Water-Soluble Antioxidant Potential of Melon Lines Grown in Turkey. International Journal of Food Properties, 2012, 15, 145-156.	1.3	5
1480	Role of GSH/GSSG redox couple in osteogenic activity and osteoclastogenic markers of human osteoblast-like SaOS-2 cells. FEBS Journal, 2013, 280, 867-879.	2.2	57
1481	Extremely Low Frequency Magnetic Fields Do Not Elicit Oxidative Stress in MCF10A Cells. Journal of Radiation Research, 2012, 53, 79-86.	0.8	25
1482	Antioxidant, xanthine oxidase and lipoxygenase inhibitory activities and phenolics of <i>Bauhinia rufescens</i> Lam. (Caesalpinaceae). Natural Product Research, 2012, 26, 1069-1074.	1.0	13
1483	Effects of natural antioxidants in neurodegenerative disease. Nutritional Neuroscience, 2012, 15, 1-9.	1.5	222
1484	Development of a new hydrogen peroxide-based vaccine platform. Nature Medicine, 2012, 18, 974-979.	15.2	101
1485	Effect of rugby training on blood antioxidant defenses in able-bodied and spinal cord injured players. Spinal Cord, 2012, 50, 253-256.	0.9	11
1486	Chemical Characteristics and Antioxidant Properties of Crude Water Soluble Polysaccharides from Four Common Edible Mushrooms. Molecules, 2012, 17, 4373-4387.	1.7	69
1487	PALB2 Interacts with KEAP1 To Promote NRF2 Nuclear Accumulation and Function. Molecular and Cellular Biology, 2012, 32, 1506-1517.	1.1	164
1488	Symmetry-adapted perturbation theory based on unrestricted Kohn-Sham orbitals for high-spin open-shell van der Waals complexes. Journal of Chemical Physics, 2012, 137, 164104.	1.2	42
1489	Expression of NADPH Oxidase by Trophoblast Cells: Potential Implications for the Postimplanting Mouse Embryo. Biology of Reproduction, 2012, 86, 56.	1.2	8
1490	Pancreatitis in Hyperlipemic Mink (<i>Mustela vison</i>). Veterinary Pathology, 2012, 49, 557-561.	0.8	11
1491	Annatto extract and Î²-carotene enhances antioxidant status and regulate gene expression in neutrophils of diabetic rats. Free Radical Research, 2012, 46, 329-338.	1.5	15
1492	High Fat Mixed Lipid Diet Modifies Protective Effects of Exercise on 1,2 Dimethylhydrazine Induced Colon Cancer in Rats. Technology in Cancer Research and Treatment, 2012, 11, 289-299.	0.8	11

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1493	<i>Pistacia chinensis</i> Inhibits NO Production and Upregulates HO-1 Induction via PI-3K/Akt Pathway in LPS Stimulated Macrophage Cells. <i>The American Journal of Chinese Medicine</i> , 2012, 40, 1085-1097.	1.5	21
1494	Evaluation of three simple direct or indirect carbonyl detection methods for characterization of oxidative modifications of proteins. <i>Toxicology Mechanisms and Methods</i> , 2012, 22, 296-304.	1.3	4
1495	Mitochondria-Derived Reactive Intermediate Species Mediate Asbestos-Induced Genotoxicity and Oxidative Stress—Responsive Signaling Pathways. <i>Environmental Health Perspectives</i> , 2012, 120, 840-847.	2.8	34
1496	Biology of Endophytic Fungi. <i>Current Research in Environmental and Applied Mycology</i> , 2012, 2, 31-82.	0.3	115
1497	Mitochondrial Oxidative Phosphorylation. <i>Advances in Experimental Medicine and Biology</i> , 2012, , .	0.8	10
1498	The Suppressive Effects of Bursopentine (BP5) on Oxidative Stress and NF- κ B Activation in Lipopolysaccharide-activated Murine Peritoneal Macrophages. <i>Cellular Physiology and Biochemistry</i> , 2012, 29, 9-20.	1.1	47
1499	Association of Serum Ferritin and the Development of Metabolic Syndrome in Middle-Aged Korean Men. <i>Diabetes Care</i> , 2012, 35, 2521-2526.	4.3	74
1500	Free Radical Scavenging Activity and Anti-Inflammatory Property of the Saponin from Seeds of <i>Camellia oleifera</i> Abel. <i>Advanced Materials Research</i> , 0, 550-553, 1262-1265.	0.3	8
1501	Flower extract of <i>Nyctanthes arbor-tristis</i> modulates glutathione level in hydrogen peroxide treated lymphocytes. <i>Pharmacognosy Research (discontinued)</i> , 2012, 4, 230.	0.3	8
1502	Quercetin, a Powerful Antioxidant Bioflavonoid, Prevents Oxidative Damage in Different Tissues of Long-Term Diabetic Rats. <i>Balkan Medical Journal</i> , 2012, 29, 49-55.	0.3	10
1503	Research progress in the radioprotective effect of superoxide dismutase. <i>Drug Discoveries and Therapeutics</i> , 2012, , .	0.6	9
1504	Mushrooms Collected from Deogyu Mountain, Muju, Korea and Their Antioxidant Activity. <i>Mycobiology</i> , 2012, 40, 134-137.	0.6	8
1505	Nitric Oxide Induced Damage and Preventive Effect of Curcumin and Quercetin on Buffalo Brain Cystatin. <i>Current Proteomics</i> , 2012, 9, 9-17.	0.1	2
1506	Antioxidant and Antiradical Properties of Esculin, and its Effect in A Model of Epirubicin-Induced Bone Marrow Toxicity. <i>Folia Medica</i> , 2012, 54, 42-49.	0.2	19
1507	Nuclear Transport: A Switch for the Oxidative Stress—Signaling Circuit?. <i>Journal of Signal Transduction</i> , 2012, 2012, 1-18.	2.0	56
1508	The Interplay between ROS and Ras GTPases: Physiological and Pathological Implications. <i>Journal of Signal Transduction</i> , 2012, 2012, 1-9.	2.0	56
1509	Potential Antioxidant Role of Tridham in Managing Oxidative Stress against Aflatoxin-B ₁ -Induced Experimental Hepatocellular Carcinoma. <i>International Journal of Hepatology</i> , 2012, 2012, 1-9.	0.4	30
1510	Reactive Oxygen Species: Friends and Foes of Signal Transduction. <i>Journal of Signal Transduction</i> , 2012, 2012, 1-1.	2.0	12

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1511	The Influence of Autonomic Dysfunction Associated with Aging and Type 2 Diabetes on Daily Life Activities. <i>Experimental Diabetes Research</i> , 2012, 2012, 1-12.	3.8	22
1512	Molecular Crosstalk between Integrins and Cadherins: Do Reactive Oxygen Species Set the Talk?. <i>Journal of Signal Transduction</i> , 2012, 2012, 1-12.	2.0	55
1513	Activation Level of JNK and Akt/ERK Signaling Pathways Determinates Extent of DNA Damage in the Liver of Diabetic Rats. <i>Cellular Physiology and Biochemistry</i> , 2012, 30, 723-734.	1.1	9
1514	Serum uric acid and acute stroke outcome in Nigerian Africans. <i>Annals of Nigerian Medicine</i> , 2012, 6, 75.	0.0	0
1515	Increased Oxidative Stress and Imbalance in Antioxidant Enzymes in the Brains of Alloxan-Induced Diabetic Rats. <i>Experimental Diabetes Research</i> , 2012, 2012, 1-8.	3.8	71
1516	NMR Structure of <i>Carcinoscorpius rotundicauda</i> Thioredoxin-related Protein 16 and Its Role in Regulating Transcription Factor NF- κ B Activity. <i>Journal of Biological Chemistry</i> , 2012, 287, 29417-29428.	1.6	5
1517	Does ionizing radiation influence Alzheimer's disease risk?. <i>Journal of Radiation Research</i> , 2012, 53, 815-822.	0.8	45
1518	Antioxidant and hepatoprotective activity of an ethanol extract of <i>Syzygium jambos</i> (L.) leaves. <i>Drug Discoveries and Therapeutics</i> , 2012, , .	0.6	10
1519	Ultrasensitive system for the real-time detection of H ₂ O ₂ based on strong coupling in a bioplasmonic system. , 2012, , .		4
1520	Deficiency of inducible nitric oxide synthase attenuates immobilization-induced skeletal muscle atrophy in mice. <i>Journal of Applied Physiology</i> , 2012, 113, 114-123.	1.2	20
1521	Oxidative Stress in Graves' Disease. <i>European Thyroid Journal</i> , 2012, 1, 80-87.	1.2	74
1522	Hyperoxia preconditioning: the next frontier in neurology?. <i>Neurological Research</i> , 2012, 34, 415-421.	0.6	16
1523	Carbon nanotube-cellular interactions: macrophages, epithelial and mesothelial cells. , 2012, , 174-209.		0
1524	Kinases and Mitochondrial Cycling. <i>Oxidative Stress and Disease</i> , 2012, , 189-212.	0.3	0
1525	Mitochondrial Abnormalities and Oxidative Stress in Alzheimer's Disease. <i>Oxidative Stress and Disease</i> , 2012, , 391-414.	0.3	0
1526	Atorvastatin Sensitises Vascular Smooth Muscle Cells, but not Endothelial Cells, to TNF- α -induced Cell Death. <i>Current Pharmaceutical Design</i> , 2012, 18, 6331-6338.	0.9	5
1527	Impact of weaning and an antioxidant blend on intestinal barrier function and antioxidant status in pigs1. <i>Journal of Animal Science</i> , 2012, 90, 2581-2589.	0.2	207
1528	Nitrite reduces ischemia/reperfusion-induced muscle damage and improves survival rates in rat crush injury model. <i>Journal of Trauma and Acute Care Surgery</i> , 2012, 72, 1548-1554.	1.1	28

#	ARTICLE	IF	CITATIONS
1529	Vitamin A. Obstetrical and Gynecological Survey, 2012, 67, 122-128.	0.2	20
1530	Antioxidant, Antibacterial activity and Brine shrimp toxicity test of some Mountainous Lichens from Nepal. Biological Research, 2012, 45, 387-391.	1.5	30
1531	Simultaneous analysis of eight phenolic compounds in Phyllanthus simplex Retz by HPLC-DAD-ESI/MS. Journal of Medicinal Plants Research, 2012, 6, .	0.2	13
1532	Oxidative Stress and Epilepsy: Literature Review. Oxidative Medicine and Cellular Longevity, 2012, 2012, 1-12.	1.9	191
1533	Moringa oleifera Hydroethanolic Extracts Effectively Alleviate Acetaminophen-Induced Hepatotoxicity in Experimental Rats through Their Antioxidant Nature. Molecules, 2012, 17, 8334-8350.	1.7	90
1534	Antioxidant Activity and Phytochemical Composition of the Leaves of Solanum guaraniticum A. St.-Hil. Molecules, 2012, 17, 12560-12574.	1.7	33
1535	Evaluation of Antioxidative Activity for Extracts from Defatted Rice Bran Using 5-Axe Cobweb Chart. Food Science and Technology Research, 2012, 18, 789-793.	0.3	1
1536	Green Synthesis and Bioactivity of 2-Amino-4<i>H</i>-chromen-4-yl-phosphonates. Chemical and Pharmaceutical Bulletin, 2012, 60, 854-858.	0.6	30
1537	In Vivo Brain Oxidative Stress Model Induced by Microinjection of Sodium Nitroprusside in Mice. Journal of Pharmacological Sciences, 2012, 120, 105-111.	1.1	23
1538	Effects of gambogic acid on the activation of caspase-3 and downregulation of SIRT1 in RPMI-8226 multiple myeloma cells via the accumulation of ROS. Oncology Letters, 2012, 3, 1159-1165.	0.8	50
1539	Heat shock proteins (HSP): dermatological implications and perspectives. European Journal of Dermatology, 2012, 22, 8-13.	0.3	19
1540	Determination of antioxidant activities of berries and resveratrol. Green Chemistry Letters and Reviews, 2012, 5, 147-153.	2.1	41
1541	Maternal lipopolysaccharide alters the newborn oxidative stress and C-reactive protein levels in response to an inflammatory stress. Journal of Developmental Origins of Health and Disease, 2012, 3, 358-363.	0.7	12
1542	Adjunctive antioxidants for bipolar disorder. The Cochrane Library, 0, , .	1.5	0
1543	Effect of Hydrogen Gas on the Survival Rate of Mice Following Global Cerebral Ischemia. Shock, 2012, 37, 645-652.	1.0	48
1544	Does Honey Have the Characteristics of Natural Cancer Vaccine?. Journal of Traditional and Complementary Medicine, 2012, 2, 276-283.	1.5	22
1545	Free radical biology of the cardiovascular system. Clinical Science, 2012, 123, 73-91.	1.8	132
1546	Generation of reactive oxygen species mediates butein-induced apoptosis in neuroblastoma cells. Oncology Reports, 2012, 27, 1233-1237.	1.2	41

#	ARTICLE	IF	CITATIONS
1547	Bioavailability and Metabolism of Ellagic Acid and Ellagitannins. , 2012, , 203-220.		0
1548	Hepatoprotective and Anti-Hepatitis C Viral Activity of Platycodon grandiflorum Extract on Carbon Tetrachloride-Induced Acute Hepatic Injury in Mice. Journal of Nutritional Science and Vitaminology, 2012, 58, 187-194.	0.2	11
1549	Fifty years in the thioredoxin field and a bountiful harvest. Biochimica Et Biophysica Acta - General Subjects, 2012, 1820, 1822-1829.	1.1	67
1550	Statins lower calcium-induced oxidative stress in isolated mitochondria. Human and Experimental Toxicology, 2012, 31, 355-363.	1.1	25
1551	Toxicity Issues Related to Biomedical Applications of Carbon Nanotubes. Journal of Nanomedicine & Nanotechnology, 2012, 03, .	1.1	37
1552	Oxidative stress effects of fullerene-porphyrin derivatives in photodynamic therapy. Journal of Porphyrins and Phthalocyanines, 2012, 16, 870-877.	0.4	7
1553	Peripheral markers in neurodegenerative patients and their first-degree relatives. Journal of the Neurological Sciences, 2012, 314, 48-56.	0.3	75
1554	Antioxidant and DNA-Protective Activities of Chlorogenic Acid Isomers. Journal of Agricultural and Food Chemistry, 2012, 60, 11625-11630.	2.4	256
1555	Hepatoprotective and cytoprotective properties of Hyptis suaveolens against oxidative stress-induced damage by CCl4 and H2O2. Asian Pacific Journal of Tropical Medicine, 2012, 5, 868-874.	0.4	30
1556	Resveratrol protects adult cardiomyocytes against oxidative stress mediated cell injury. Archives of Biochemistry and Biophysics, 2012, 527, 74-80.	1.4	77
1557	Tianeptine exerts neuroprotective effects in the brain tissue of rats exposed to the chronic stress model. Pharmacology Biochemistry and Behavior, 2012, 103, 395-402.	1.3	33
1558	A Perspective on Dietary Phytochemicals and Cancer Chemoprevention: Oxidative Stress, Nrf2, and Epigenomics. Topics in Current Chemistry, 2012, 329, 133-162.	4.0	113
1559	Critical Evaluation of Ayurvedic Plants for Stimulating Intrinsic Antioxidant Response. Frontiers in Neuroscience, 2012, 6, 112.	1.4	16
1560	Changes in lymphocyte oxidant/antioxidant parameters after carbonyl and antioxidant exposure. International Immunopharmacology, 2012, 14, 690-697.	1.7	14
1561	Marine Cyanobacteria Compounds with Anticancer Properties: A Review on the Implication of Apoptosis. Marine Drugs, 2012, 10, 2181-2207.	2.2	116
1562	Evaluation of Erythrocytes. , 2012, , 49-121.		26
1563	Post-Trapping Derivatization of Radical-Derived EPR-Silent Adducts: Application to Free Radical Detection by HPLC/LIV in Chemical, Biochemical, and Biological Systems and Comparison with EPR Spectroscopy. Analytical Chemistry, 2012, 84, 6739-6746.	3.2	21
1564	Maternal insulin resistance causes oxidative stress and mitochondrial dysfunction in mouse oocytes. Human Reproduction, 2012, 27, 2130-2145.	0.4	115

#	ARTICLE	IF	CITATIONS
1565	Mitochondria and Reactive Oxygen Species. Which Role in Physiology and Pathology?. <i>Advances in Experimental Medicine and Biology</i> , 2012, 942, 93-136.	0.8	169
1566	A novel lignan glycoside with antioxidant activity from <i>Tinospora sagittata</i> var. <i>yunnanensis</i> . <i>Natural Product Research</i> , 2012, 26, 1876-1880.	1.0	9
1567	Antioxidant activities of <i>Indigofera cassioides</i> Rottl. Ex. DC. using various in vitro assay models. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2012, 2, 256-261.	0.5	82
1568	Ligustrazine Phosphate Ethosomes for Treatment of Alzheimer's Disease, In Vitro and in Animal Model Studies. <i>AAPS PharmSciTech</i> , 2012, 13, 485-492.	1.5	50
1571	Antioxidant, cytotoxicity, and QSAR study of 1-adamantylthio derivatives of 3-picoline and phenylpyridines. <i>Medicinal Chemistry Research</i> , 2012, 21, 3514-3522.	1.1	32
1572	Oxidative stress in hypertensive children before and after 1 year of antihypertensive therapy. <i>Pediatric Nephrology</i> , 2012, 27, 1943-1951.	0.9	28
1573	Mangiferin, a natural polyphenol protects the hepatic damage in mice caused by CCl4 intoxication. <i>Comparative Clinical Pathology</i> , 2012, 21, 865-872.	0.3	7
1574	Antioxidant activity of cyanidins isolated from <i>Ogopy</i> (<i>Acanthopanax divaricatus</i> var. <i>albeofructus</i>) fruits in U937 macrophages. <i>Food Science and Biotechnology</i> , 2012, 21, 1445-1450.	1.2	4
1575	Inhibitory effects of chestnut inner skin extracts on melanogenesis. <i>Food Science and Biotechnology</i> , 2012, 21, 1571-1576.	1.2	11
1576	Age-associated differences in gene expression in response to delayed anesthetic preconditioning. <i>Age</i> , 2012, 34, 1459-1472.	3.0	4
1577	Serum of <i>Babesia rodhaini</i> infected mice down regulates catalase activity of healthy erythrocytes. <i>Experimental Parasitology</i> , 2012, 132, 327-333.	0.5	1
1578	Genetic toxicology evaluation of essential oil of <i>Alpinia zerumbet</i> and its chemoprotective effects against H ₂ O ₂ -induced DNA damage in cultured human leukocytes. <i>Food and Chemical Toxicology</i> , 2012, 50, 4051-4061.	1.8	33
1579	Antioxidant activity and protective effect of <i>Turnera ulmifolia</i> Linn. var. <i>elegans</i> against carbon tetrachloride-induced oxidative damage in rats. <i>Food and Chemical Toxicology</i> , 2012, 50, 4340-4347.	1.8	22
1580	Antioxidant and anti-inflammatory activities of <i>Ribes nigrum</i> extracts. <i>Food Chemistry</i> , 2012, 131, 1116-1122.	4.2	102
1581	Bio-functionalities of proteins derived from marine algae – A review. <i>Food Research International</i> , 2012, 48, 948-960.	2.9	231
1582	Effects of isolation, enzymatic hydrolysis, heating, hydration and Maillard reaction on the antioxidant capacity of cereal and legume proteins. <i>Food Research International</i> , 2012, 49, 1-6.	2.9	51
1583	Antioxidant, anti-acetylcholinesterase and cytotoxic activities of ethanol extracts of peel, pulp and seeds of exotic Brazilian fruits. <i>Food Research International</i> , 2012, 49, 334-344.	2.9	83
1584	Effect of solid-medium coupled with reactive oxygen species on ganoderic acid biosynthesis and MAP kinase phosphorylation in <i>Ganoderma lucidum</i> . <i>Food Research International</i> , 2012, 49, 634-640.	2.9	23

#	ARTICLE	IF	CITATIONS
1585	The control of histone methylation and gene expression by oxidative stress, hypoxia, and metals. <i>Free Radical Biology and Medicine</i> , 2012, 53, 1041-1047.	1.3	138
1586	Tetrathiatriarylmethyl radical with a single aromatic hydrogen as a highly sensitive and specific superoxide probe. <i>Free Radical Biology and Medicine</i> , 2012, 53, 2081-2091.	1.3	43
1587	Oxidative stress and nitrosative stress are involved in different stages of proteolytic pulmonary emphysema. <i>Free Radical Biology and Medicine</i> , 2012, 53, 1993-2001.	1.3	55
1588	Selenium-dependent glutathione peroxidase gene expression during gonad development and its response to LPS and H ₂ O ₂ challenge in <i>Scylla paramamosain</i> . <i>Fish and Shellfish Immunology</i> , 2012, 33, 532-542.	1.6	18
1589	TBARs and non-enzymatic antioxidant parameters in Tunisian bipolar I patients. <i>Immuno-Analyse Et Biologie Specialisee</i> , 2012, 27, 315-324.	0.0	4
1590	HIV-1 gp120 induces antioxidant response element-mediated expression in primary astrocytes: Role in HIV associated neurocognitive disorder. <i>Neurochemistry International</i> , 2012, 61, 807-814.	1.9	55
1591	Synergist effects of n-acetylcysteine and deferoxamine treatment on behavioral and oxidative parameters induced by chronic mild stress in rats. <i>Neurochemistry International</i> , 2012, 61, 1072-1080.	1.9	38
1592	Moderate superoxide production is an early promoter of mitochondrial biogenesis in differentiating N2a neuroblastoma cells. <i>Neurochemistry International</i> , 2012, 61, 1333-1343.	1.9	16
1593	NADPH oxidase as an important source of reactive oxygen species at the mouse maternal-fetal interface: putative biological roles. <i>Reproductive BioMedicine Online</i> , 2012, 25, 31-43.	1.1	26
1594	Roles of antioxidant enzymes in corpus luteum rescue from reactive oxygen species-induced oxidative stress. <i>Reproductive BioMedicine Online</i> , 2012, 25, 551-560.	1.1	85
1595	Pycnogenol® prevents hexavalent chromium-induced spermatotoxicity in rats. <i>Molecular and Cellular Toxicology</i> , 2012, 8, 249-256.	0.8	7
1596	Behavior of 4-Hydroxynonenal in Phospholipid Membranes. <i>Journal of Physical Chemistry B</i> , 2012, 116, 6411-6415.	1.2	31
1597	Diabetes induced testicular dysfunction amelioration by ethyl acetate fraction of hydromethanolic extract of root of <i>Musa paradisiaca</i> L. in streptozotocin-induced diabetic rat. <i>Asian Pacific Journal of Tropical Disease</i> , 2012, 2, S233-S241.	0.5	2
1598	Influence of <i>Punica granatum</i> L. on region specific responses in rat brain during Alloxan-Induced diabetes. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2012, 2, S905-S909.	0.5	16
1599	Chemopreventive effect of <i>Fumaria indica</i> that modulates the oxidant-antioxidant imbalance during N-nitrosodiethylamine and CC14-induced hepatocarcinogenesis in Wistar rats. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2012, 2, S995-S1001.	0.5	10
1600	The effect of molecular weights on the survivability of casein-derived antioxidant peptides after the simulated gastrointestinal digestion. <i>Innovative Food Science and Emerging Technologies</i> , 2012, 16, 341-348.	2.7	95
1601	Polyphenols decreased liver NADPH oxidase activity, increased muscle mitochondrial biogenesis and decreased gastrocnemius age-dependent autophagy in aged rats. <i>Free Radical Research</i> , 2012, 46, 1140-1149.	1.5	25
1602	Oxidative stress induced by 1.8 GHz radio frequency electromagnetic radiation and effects of garlic extract in rats. <i>International Journal of Radiation Biology</i> , 2012, 88, 799-805.	1.0	53

#	ARTICLE	IF	CITATIONS
1603	Coordination of copper(ii) ions by the fragments of neuropeptide gamma containing D1, H9, H12 residues and products of copper-catalyzed oxidation. Dalton Transactions, 2012, 41, 1683-1694.	1.6	7
1604	Effect of Norcantharidin on the Human Breast Cancer Bcap-37 Cells. Connective Tissue Research, 2012, 53, 508-512.	1.1	15
1605	Combined Effect of Longevity-Associated Mitochondrial DNA 5178 C/A Polymorphism and Green Tea Consumption on Risk of Hypertension in Middle-Aged Japanese Men. Human Biology, 2012, 84, 307-318.	0.4	6
1606	Pro-oxidant and antioxidant effects of N-acetylcysteine regulate doxorubicin-induced NF-kappa B activity in leukemic cells. Molecular BioSystems, 2012, 8, 650-662.	2.9	46
1607	NOTCH1 promotes T cell leukemia-initiating activity by RUNX-mediated regulation of PKC- ζ and reactive oxygen species. Nature Medicine, 2012, 18, 1693-1698.	15.2	81
1608	Recent Updates in Redox Regulation and Free Radical Scavenging Effects by Herbal Products in Experimental Models of Parkinson's Disease. Molecules, 2012, 17, 11391-11420.	1.7	29
1609	EMOST: Report about the application of low-frequency and intensity electromagnetic fields in disaster situation and commando training. Electromagnetic Biology and Medicine, 2012, 31, 394-403.	0.7	0
1610	Oxidative damage to DNA constituents by iron-mediated Fenton reactions: the deoxyadenosine family. Journal of Biomolecular Structure and Dynamics, 2012, 30, 394-406.	2.0	11
1611	Dissociation energies of X-H bonds in amino acids. Physical Chemistry Chemical Physics, 2012, 14, 3148.	1.3	38
1612	Flow injection analysis for nitric oxide quantification based on reduced fluoresceinamine. Analytical Methods, 2012, 4, 1089.	1.3	2
1613	Iron, oxidative stress and the example of solar ultraviolet A radiation. Photochemical and Photobiological Sciences, 2012, 11, 118-134.	1.6	58
1614	Neuroprotective Effects of Bacopa monnieri in Experimental Model of Dementia. Neurochemical Research, 2012, 37, 1928-1937.	1.6	73
1615	A reversible near-infrared fluorescence probe for reactive oxygen species based on Te-rhodamine. Chemical Communications, 2012, 48, 3091.	2.2	147
1616	Changes in the levels of thioredoxin and indoleamine-2,3-dioxygenase activity in plasma of patients with colorectal cancer treated with chemotherapy. Biochemistry and Cell Biology, 2012, 90, 173-178.	0.9	12
1617	Biologically Relevant Oxidants Cause Bound Proteins To Readily Oxidatively Cross-Link at Guanine. Chemical Research in Toxicology, 2012, 25, 326-336.	1.7	18
1618	Antioxidant Activity of Related Compounds Besides Polyphenols in Chinese Herbs. , 2012, , .		0
1619	Cytotoxicity of Ascorbic Acid in a Human Colorectal Adenocarcinoma Cell Line (WiDr): In Vitro and In Vivo Studies. Nutrition and Cancer, 2012, 64, 1049-1057.	0.9	31
1620	Life with Oxidative Stress. Chemical and Process Engineering - Inzynieria Chemiczna I Procesowa, 2012, 33, 509-528.	0.7	1

#	ARTICLE	IF	CITATIONS
1621	Lysosomal membrane leakiness and metabolic biomethylation play key roles in methyl tertiary butyl ether-induced toxicity and detoxification. <i>Toxicological and Environmental Chemistry</i> , 2012, 94, 281-293.	0.6	10
1622	Biological indicators in response to radiofrequency/microwave exposure. <i>Arhiv Za Higijenu Rada I Toksikologiju</i> , 2012, 63, 407-416.	0.4	23
1623	Dual Role of Selected Antioxidants Found in Dietary Supplements: Crossover between Anti- and Pro-Oxidant Activities in the Presence of Copper. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 2554-2561.	2.4	56
1624	Automated Electrochemical Free Radical Scavenger Screening in Dietary Samples. <i>Analytical Chemistry</i> , 2012, 84, 6767-6774.	3.2	22
1625	Stereoselective Synthesis of Acortatarins A and B. <i>Organic Letters</i> , 2012, 14, 4442-4445.	2.4	30
1626	Antiradical efficiency of 20 selected medicinal plants. <i>Natural Product Research</i> , 2012, 26, 1054-1062.	1.0	16
1627	The prognostic and predictive power of redox protein expression for anthracycline-based chemotherapy response in locally advanced breast cancer. <i>Modern Pathology</i> , 2012, 25, 1106-1116.	2.9	24
1628	Oxidative stress markers in canine atopic dermatitis. <i>Research in Veterinary Science</i> , 2012, 92, 469-470.	0.9	33
1629	Myoglobin and mitochondria: A relationship bound by oxygen and nitric oxide. <i>Nitric Oxide - Biology and Chemistry</i> , 2012, 26, 251-258.	1.2	66
1630	Supplementation of broccoli or Bifidobacterium longum fermented broccoli suppresses serum lipid peroxidation and osteoclast differentiation on alveolar bone surface in rats fed a high-cholesterol diet. <i>Nutrition Research</i> , 2012, 32, 301-307.	1.3	42
1631	A new approach on valproic acid induced hepatotoxicity: Involvement of lysosomal membrane leakiness and cellular proteolysis. <i>Toxicology in Vitro</i> , 2012, 26, 545-551.	1.1	72
1632	Direct and indirect effects of particulate matter on the cardiovascular system. <i>Toxicology Letters</i> , 2012, 208, 293-299.	0.4	169
1633	The emerging role of reactive oxygen and nitrogen species in redox biology and some implications for plasma applications to medicine and biology. <i>Journal Physics D: Applied Physics</i> , 2012, 45, 263001.	1.3	1,170
1634	Therapeutic potential of targeting hydrogen peroxide metabolism in the treatment of brain ischaemia. <i>British Journal of Pharmacology</i> , 2012, 166, 1211-1224.	2.7	58
1635	Role of H ₂ O ₂ in hypertension, renin-angiotensin system activation and renal medullary dysfunction caused by angiotensin II. <i>British Journal of Pharmacology</i> , 2012, 166, 2386-2401.	2.7	37
1636	Gel Properties of Hyaluronic Acid Dermal Fillers. <i>Dermatologic Surgery</i> , 2012, 38, 1170-1179.	0.4	133
1637	Glutathione mediated reductive activation and mitochondrial dysfunction play key roles in lithium induced oxidative stress and cytotoxicity in liver. <i>BioMetals</i> , 2012, 25, 863-873.	1.8	50
1638	Lanthionine Synthetase C-like Protein 1 Interacts with and Inhibits Cystathionine β -Synthase. <i>Journal of Biological Chemistry</i> , 2012, 287, 34189-34201.	1.6	42

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1639	Free radical scavenging activity of Eagle tea and their flavonoids. <i>Acta Pharmaceutica Sinica B</i> , 2012, 2, 246-249.	5.7	19
1640	Salivary antioxidants and oral health in children with autism. <i>Archives of Oral Biology</i> , 2012, 57, 1116-1120.	0.8	44
1641	Antiinflammatory, analgesic and antioxidant activities of <i>Cyathula prostrata</i> (Linn.) Blume (Amaranthaceae). <i>Journal of Ethnopharmacology</i> , 2012, 141, 282-289.	2.0	73
1642	Protective effect of Bojungikki-tang, a traditional herbal formula, against alcohol-induced gastric injury in rats. <i>Journal of Ethnopharmacology</i> , 2012, 142, 346-353.	2.0	38
1643	Activity, thermostability and isozymes of superoxide dismutase in 17 edible mushrooms. <i>Journal of Food Composition and Analysis</i> , 2012, 26, 136-143.	1.9	9
1644	Histone Deacetylase Inhibitor Treatment Attenuates MAP Kinase Pathway Activation and Pulmonary Inflammation Following Hemorrhagic Shock in a Rodent Model. <i>Journal of Surgical Research</i> , 2012, 176, 185-194.	0.8	31
1645	The Role of Oxidative Stress Response Revealed in Preconditioning Heat Stimulation in Skeletal Muscle of Rats. <i>Journal of Surgical Research</i> , 2012, 176, 108-113.	0.8	7
1646	A comparative study of caffeic acid and a novel caffeic acid conjugate SMND-309 on antioxidant properties in vitro. <i>LWT - Food Science and Technology</i> , 2012, 46, 239-244.	2.5	18
1647	Detection and distribution of arginine derivatives in <i>Panax quinquefolius</i> L. and investigations of their antioxidant properties. <i>LWT - Food Science and Technology</i> , 2012, 49, 34-41.	2.5	8
1648	Assessment of the angiotensin-I-converting enzyme (ACE-I) inhibitory and antioxidant activities of hydrolysates of bovine brisket sarcoplasmic proteins produced by papain and characterisation of associated bioactive peptidic fractions. <i>Meat Science</i> , 2012, 90, 226-235.	2.7	83
1649	Redox cycling mechanisms in the colon. <i>Medical Hypotheses</i> , 2012, 79, 418-419.	0.8	4
1650	The power of life—Cytochrome c oxidase takes center stage in metabolic control, cell signalling and survival. <i>Mitochondrion</i> , 2012, 12, 46-56.	1.6	107
1651	Oxidatively damaged DNA and its repair in colon carcinogenesis. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2012, 736, 82-92.	0.4	40
1652	A long-term high-fat diet increases oxidative stress, mitochondrial damage and apoptosis in the inner ear of d-galactose-induced aging rats. <i>Hearing Research</i> , 2012, 287, 15-24.	0.9	96
1653	Protective effects of sulfated chitooligosaccharides against hydrogen peroxide-induced damage in MIN6 cells. <i>International Journal of Biological Macromolecules</i> , 2012, 50, 50-58.	3.6	31
1654	Protective effects of aminoethyl-chitooligosaccharides against oxidative stress in mouse macrophage RAW 264.7 cells. <i>International Journal of Biological Macromolecules</i> , 2012, 50, 624-631.	3.6	29
1655	Purification and antioxidant activity of a polysaccharide from bulbs of <i>Fritillaria ussuriensis</i> Maxim. <i>International Journal of Biological Macromolecules</i> , 2012, 50, 1075-1080.	3.6	33
1656	Study of biomaterial-induced macrophage activation, cell-mediated immune response and molecular oxidative damage in patients with dermal bioimplants. <i>Immunobiology</i> , 2012, 217, 44-53.	0.8	30

#	ARTICLE	IF	CITATIONS
1657	Proteomic analysis reveals oxidative stress response as the main adaptative physiological mechanism in cows under different production systems. <i>Journal of Proteomics</i> , 2012, 75, 4399-4411.	1.2	34
1658	<i>Juglans mandshurica</i> leaf extract protects skin fibroblasts from damage by regulating the oxidative defense system. <i>Biochemical and Biophysical Research Communications</i> , 2012, 421, 343-348.	1.0	36
1659	Both estrogen receptor subtypes, ER α and ER β , prevent aldosterone-induced oxidative stress in VSMC via increased NADPH bioavailability. <i>Biochemical and Biophysical Research Communications</i> , 2012, 423, 850-856.	1.0	15
1660	Overexpression of glutaredoxin protects cardiomyocytes against nitric oxide-induced apoptosis with suppressing the S-nitrosylation of proteins and nuclear translocation of GAPDH. <i>Biochemical and Biophysical Research Communications</i> , 2012, 425, 656-661.	1.0	31
1661	Tissue-specific accumulation of cadmium and its effects on antioxidative responses in Japanese flounder juveniles. <i>Environmental Toxicology and Pharmacology</i> , 2012, 33, 16-25.	2.0	87
1662	Preparation, antioxidant and antitumor activities in vitro of different derivatives of levan from endophytic bacterium <i>Paenibacillus polymyxa</i> EJS-3. <i>Food and Chemical Toxicology</i> , 2012, 50, 767-772.	1.8	123
1663	Antioxidant phenolic profile from ethyl acetate fraction of <i>Fructus Ligustri Lucidi</i> with protection against hydrogen peroxide-induced oxidative damage in SH-SY5Y cells. <i>Food and Chemical Toxicology</i> , 2012, 50, 492-502.	1.8	66
1664	Antioxidant and anti-inflammatory activities of aqueous extracts of <i>Schizonepeta tenuifolia</i> Briq.. <i>Food and Chemical Toxicology</i> , 2012, 50, 526-531.	1.8	52
1665	Antioxidant activity of the methanolic extract of the newly generated vegetable, baemuchae (<i>xBrassicoraphanus</i>). <i>Food and Chemical Toxicology</i> , 2012, 50, 848-853.	1.8	3
1666	Characterization of phenolic compounds in flowers of wild medicinal plants from Northeastern Portugal. <i>Food and Chemical Toxicology</i> , 2012, 50, 1576-1582.	1.8	118
1667	Antioxidant properties and phenolic profile of the most widely appreciated cultivated mushrooms: A comparative study between in vivo and in vitro samples. <i>Food and Chemical Toxicology</i> , 2012, 50, 1201-1207.	1.8	235
1668	Systematic comparison of nutraceuticals and antioxidant potential of cultivated, in vitro cultured and commercial <i>Melissa officinalis</i> samples. <i>Food and Chemical Toxicology</i> , 2012, 50, 1866-1873.	1.8	34
1669	Anti-inflammatory activity of Korean thistle <i>Cirsium maackii</i> and its major flavonoid, luteolin 5-O-glucoside. <i>Food and Chemical Toxicology</i> , 2012, 50, 2171-2179.	1.8	64
1670	Effects of orally administered antioxidants on micronuclei and sister chromatid exchange frequency in workers professionally exposed to antineoplastic agents. <i>Food and Chemical Toxicology</i> , 2012, 50, 2937-2944.	1.8	16
1671	Aminotriazole attenuated carbon tetrachloride-induced oxidative liver injury in mice. <i>Food and Chemical Toxicology</i> , 2012, 50, 3073-3078.	1.8	15
1672	Antioxidant effect of silymarin on paraquat-induced human lung adenocarcinoma A549 cell line. <i>Food and Chemical Toxicology</i> , 2012, 50, 3206-3214.	1.8	52
1673	Supercritical fluid extraction and hydrodistillation for the recovery of bioactive compounds from <i>Lavandula viridis</i> L. <i>Food Chemistry</i> , 2012, 135, 112-121.	4.2	57
1674	Antioxidant activity, ascorbic acid, phenolic compounds and sugars of wild and commercial <i>Tuberaria lignosa</i> samples: Effects of drying and oral preparation methods. <i>Food Chemistry</i> , 2012, 135, 1028-1035.	4.2	68

#	ARTICLE	IF	CITATIONS
1675	Thymus lotocephalus wild plants and in vitro cultures produce different profiles of phenolic compounds with antioxidant activity. Food Chemistry, 2012, 135, 1253-1260.	4.2	73
1676	Impact of lipid oxidation-derived aldehydes and ascorbic acid on the antioxidant activity of model melanoidins. Food Chemistry, 2012, 135, 1273-1283.	4.2	10
1677	Omega-3 fatty acids enhance mitochondrial superoxide dismutase activity in rat organs during post-natal development. International Journal of Biochemistry and Cell Biology, 2012, 44, 123-131.	1.2	60
1678	Intracellular redox equilibrium is essential for the constitutive expression of AP-1 dependent genes in resting cells: Studies on TGF- β 21 regulation. International Journal of Biochemistry and Cell Biology, 2012, 44, 963-971.	1.2	22
1679	Mitochondria: Omega-3 in the route of mitochondrial reactive oxygen species. International Journal of Biochemistry and Cell Biology, 2012, 44, 1569-1573.	1.2	42
1680	Novel multi-functional nitrones for treatment of ischemic stroke. Bioorganic and Medicinal Chemistry, 2012, 20, 3939-3945.	1.4	23
1681	Evaluation of novel antioxidant triterpenoid saponins from the halophyte Salicornia herbacea. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 4318-4322.	1.0	51
1682	The antioxidant effect of imine resveratrol analogues. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 5744-5747.	1.0	60
1683	Hyperoside protects cortical neurons from oxygen β glucose deprivation β reperfusion induced injury via nitric oxide signal pathway. Brain Research, 2012, 1469, 164-173.	1.1	65
1684	Effect of vitamin E and C supplements on lipid peroxidation and GSH-dependent antioxidant enzyme status in the blood of women consuming oral contraceptives. Contraception, 2012, 86, 62-66.	0.8	34
1685	Serum ferritin level is associated with the prevalence of metabolic syndrome in Korean adults: The 2007 β 2008 Korean National Health and Nutrition Examination Survey. Clinica Chimica Acta, 2012, 413, 636-641.	0.5	41
1686	Association of total iron binding capacity with coronary artery disease. Clinica Chimica Acta, 2012, 413, 1424-1429.	0.5	10
1687	QSAR study of the DPPH radical scavenging activity of di(hetero)arylamines derivatives of benzo[b]thiophenes, halophenols and caffeic acid analogues. Chemometrics and Intelligent Laboratory Systems, 2012, 116, 33-40.	1.8	17
1688	Aluminum-induced oxidative stress and neurotoxicity in grass carp (Cyprinidae β Ctenopharingodon) Tj ETQq1 1 0,784314 rgBT /Overld	2.9	48
1689	Phycobiliproteins or C-phycocyanin of Arthrospira (Spirulina) maxima protect against HgCl ₂ -caused oxidative stress and renal damage. Food Chemistry, 2012, 135, 2359-2365.	4.2	78
1690	Targeted metabolites and biological activities of Cydonia oblonga Miller leaves. Food Research International, 2012, 46, 496-504.	2.9	25
1691	Association of RAGE gene polymorphisms with type 2 diabetes mellitus, diabetic retinopathy and diabetic nephropathy. Gene, 2012, 500, 1-9.	1.0	53
1692	Relationships between single nucleotide polymorphisms of antioxidant enzymes and disease. Gene, 2012, 501, 89-103.	1.0	147

#	ARTICLE	IF	CITATIONS
1693	Alzheimer's Disease: Redox Dysregulation As a Common Denominator for Diverse Pathogenic Mechanisms. <i>Antioxidants and Redox Signaling</i> , 2012, 16, 974-1031.	2.5	163
1694	Stability and antioxidant activity of gossypol derivative immobilized on N-polyvinylpyrrolidone. <i>International Journal of Biological Macromolecules</i> , 2012, 51, 908-914.	3.6	3
1695	Unraveling Stress-Induced Toxicity Properties of Graphene Oxide and the Underlying Mechanism. <i>Advanced Materials</i> , 2012, 24, 5391-5397.	11.1	213
1696	Chronic inflammation, immune escape, and oncogenesis in the liver: A unique neighborhood for novel intersections. <i>Hepatology</i> , 2012, 56, 1567-1574.	3.6	111
1697	Time course of hydrogen peroxide-thioredoxin balance and its influence on the intracellular signalling in myocardial infarction. <i>Experimental Physiology</i> , 2012, 97, 741-749.	0.9	23
1698	A role for xanthine oxidase in the control of fetal cardiovascular function in late gestation sheep. <i>Journal of Physiology</i> , 2012, 590, 1825-1837.	1.3	31
1699	Genetic oxidative stress variants and glioma risk in a Chinese population: a hospital-based case-control study. <i>BMC Cancer</i> , 2012, 12, 617.	1.1	26
1700	Natural resistance to ascorbic acid induced oxidative stress is mainly mediated by catalase activity in human cancer cells and catalase-silencing sensitizes to oxidative stress. <i>BMC Complementary and Alternative Medicine</i> , 2012, 12, 61.	3.7	60
1701	NADPH oxidase-mediated redox signal contributes to lipoteichoic acid-induced MMP-9 upregulation in brain astrocytes. <i>Journal of Neuroinflammation</i> , 2012, 9, 110.	3.1	55
1702	Microwave-assisted synthesis and antioxidant properties of hydrazinyl thiazolyl coumarin derivatives. <i>Chemistry Central Journal</i> , 2012, 6, 32.	2.6	42
1703	Evaluation of antioxidant and cytoprotective activities of <i>Arnica montana</i> L. and <i>Artemisia absinthium</i> L. ethanolic extracts. <i>Chemistry Central Journal</i> , 2012, 6, 97.	2.6	88
1704	A Ratiometric Luminescence Probe for Highly Reactive Oxygen Species Based on Lanthanide Complexes. <i>Inorganic Chemistry</i> , 2012, 51, 2940-2946.	1.9	63
1705	Combination of astaxanthin and fish oil supplementation alters antioxidant enzyme profile of dental pulp tissue. <i>International Endodontic Journal</i> , 2012, 45, 1109-1115.	2.3	8
1706	Predicting protein oxidation sites with feature selection and analysis approach. <i>Journal of Biomolecular Structure and Dynamics</i> , 2012, 29, 1154-1162.	2.0	21
1709	Edible Films and Coatings from Whey Proteins: A Review on Formulation, and on Mechanical and Bioactive Properties. <i>Critical Reviews in Food Science and Nutrition</i> , 2012, 52, 533-552.	5.4	163
1710	Trolox-Sensitive Reactive Oxygen Species Regulate Mitochondrial Morphology, Oxidative Phosphorylation and Cytosolic Calcium Handling in Healthy Cells. <i>Antioxidants and Redox Signaling</i> , 2012, 17, 1657-1669.	2.5	63
1711	Microarray Analysis and Biochemical Correlations of Oxidative Stress Responsive Genes in Retinoblastoma. <i>Current Eye Research</i> , 2012, 37, 830-841.	0.7	13
1712	Supraphysiological Free Radical Levels and their Pathogenesis in Male Infertility. , 2012, 01, .		0

#	ARTICLE	IF	CITATIONS
1713	Mono-(2-Ethylhexyl) Phthalate Induces Oxidative Stress and Inhibits Growth of Mouse Ovarian Antral Follicles. <i>Biology of Reproduction</i> , 2012, 87, 152.	1.2	98
1714	Jackfruit and Its Many Functional Components as Related to Human Health: A Review. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2012, 11, 565-576.	5.9	151
1715	CYP2C29 Produces Superoxide in Response to Shear Stress. <i>Microcirculation</i> , 2012, 19, 696-704.	1.0	9
1716	Quantitative analysis of polyphenols and antioxidant activity in four <i>Daphne L.</i> species. <i>Open Life Sciences</i> , 2012, 7, 1092-1100.	0.6	3
1717	Antioxidants in Food: Mere Myth or Magic Medicine?. <i>Critical Reviews in Food Science and Nutrition</i> , 2012, 52, 162-171.	5.4	68
1720	Fatty acids revert the inhibition of respiration caused by the antidiabetic drug metformin to facilitate their mitochondrial β^2 -oxidation. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2012, 1817, 1768-1775.	0.5	26
1721	Platelet Function in Health and Disease: from Molecular Mechanisms, Redox Considerations to Novel Therapeutic Opportunities. <i>Antioxidants and Redox Signaling</i> , 2012, 17, 1447-1485.	2.5	57
1722	Hypoxic preconditioning modifies activity of pro- and antioxidant systems in the rat hippocampus. <i>Biochemistry (Moscow) Supplement Series B: Biomedical Chemistry</i> , 2012, 6, 333-337.	0.2	2
1723	Epigenetic Manifestation of Metabolic Syndrome and Dietary Management. <i>Antioxidants and Redox Signaling</i> , 2012, 17, 254-281.	2.5	14
1725	Age- and gender-related alteration in plasma advanced oxidation protein products (AOPP) and glycosaminoglycan (GAG) concentrations in physiological ageing. <i>Clinical Chemistry and Laboratory Medicine</i> , 2012, 50, 557-63.	1.4	17
1727	Nuclear and mitochondrial DNA oxidation in Alzheimer's disease. <i>Free Radical Research</i> , 2012, 46, 565-576.	1.5	46
1728	Cell Biology of Ischemia/Reperfusion Injury. <i>International Review of Cell and Molecular Biology</i> , 2012, 298, 229-317.	1.6	1,543
1729	Nutrigenetics and Modulation of Oxidative Stress. <i>Annals of Nutrition and Metabolism</i> , 2012, 60, 27-36.	1.0	87
1730	Antioxidant, Hepatoprotective, and Ameliorative Effects of Methanolic Extract of Leaves of <i>Grewia mollis</i> Juss. on Carbon Tetrachloride-Treated Albino Rats. <i>Journal of Medicinal Food</i> , 2012, 15, 83-88.	0.8	23
1731	Bone Repair in Diabetes. , 2012, , 59-66.		0
1732	Baicalin protects human skin fibroblasts from ultraviolet A radiation-induced oxidative damage and apoptosis. <i>Free Radical Research</i> , 2012, 46, 1458-1471.	1.5	44
1733	Mechanisms of Vascular Disease. , 2012, , 227-246.		8
1734	Carboxy terminus of heat shock protein (HSP) 70-interacting protein (CHIP) inhibits HSP70 in the heart. <i>Journal of Physiology and Biochemistry</i> , 2012, 68, 485-491.	1.3	19

#	ARTICLE	IF	CITATIONS
1735	Evidence for augmented oxidative stress in the subjects with type 1 diabetes and their siblings: a possible preventive role for antioxidants. <i>European Journal of Clinical Nutrition</i> , 2012, 66, 1054-1058.	1.3	7
1736	Natural Triterpenoids from Olive Oil: Potential Activities Against Cancer. , 2012, , 447-461.		5
1737	Insulin Therapy for the Management of Hyperglycemia in Hospitalized Patients. <i>Endocrinology and Metabolism Clinics of North America</i> , 2012, 41, 175-201.	1.2	82
1738	Radical scavenging and antibacterial activity of <i>Arnebia benthamii</i> methanol extract. <i>Asian Pacific Journal of Tropical Medicine</i> , 2012, 5, 766-772.	0.4	20
1739	Antioxidant activity and identification of bioactive compounds from leaves of <i>Anthocephalus cadamba</i> by ultra-performance liquid chromatography/electrospray ionization quadrupole time of flight mass spectrometry. <i>Asian Pacific Journal of Tropical Medicine</i> , 2012, 5, 977-985.	0.4	25
1740	In vitro inhibition activity of polyphenol-rich extracts from <i>Syzygium aromaticum</i> (L.) Merr. & Perry (Clove) buds against carbohydrate hydrolyzing enzymes linked to type 2 diabetes and Fe ²⁺ -induced lipid peroxidation in rat pancreas. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2012, 2, 774-781.	0.5	70
1741	<i>Rhinacanthus nasutus</i> – Its protective role in oxidative stress and antioxidant status in streptozotocin induced diabetic rats. <i>Asian Pacific Journal of Tropical Disease</i> , 2012, 2, 327-330.	0.5	26
1742	Protection of cells from nitric oxide-mediated apoptotic death by glutathione C ₆₀ derivative. <i>Cell Biology International</i> , 2012, 36, 677-681.	1.4	9
1743	Mimic of manganese superoxide dismutase to induce apoptosis of human non-Hodgkin lymphoma Raji cells through mitochondrial pathways. <i>International Immunopharmacology</i> , 2012, 14, 620-628.	1.7	6
1744	The role of antioxidants in photoprotection: A critical review. <i>Journal of the American Academy of Dermatology</i> , 2012, 67, 1013-1024.	0.6	296
1745	Fatty acid synthase inhibitor orlistat induces apoptosis in T cell lymphoma: Role of cell survival regulatory molecules. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2012, 1820, 1764-1773.	1.1	39
1746	Altered redox status in Cuban patients with spinocerebellar ataxia type 2. <i>Biomedicine and Aging Pathology</i> , 2012, 2, 24-29.	0.8	3
1747	Baicalein improves antioxidant status and membrane-bound enzymes during oxidative stress in benzo(a)pyrene-induced lung carcinogenesis in mice. <i>Biomedicine and Preventive Nutrition</i> , 2012, 2, 138-144.	0.9	8
1748	C-Phycocyanin protects SH-SY5Y cells from oxidative injury, rat retina from transient ischemia and rat brain mitochondria from Ca ²⁺ /phosphate-induced impairment. <i>Brain Research Bulletin</i> , 2012, 89, 159-167.	1.4	37
1749	PIG3: A novel link between oxidative stress and DNA damage response in cancer. <i>Cancer Letters</i> , 2012, 327, 97-102.	3.2	50
1750	Long-term effects of systemic cancer treatment on DNA oxidative damage: The potential for targeted therapies. <i>Cancer Letters</i> , 2012, 327, 134-141.	3.2	31
1751	Pleiotrophic effects of natural products in ROS-induced carcinogenesis: The role of plant-derived natural products in oral cancer chemoprevention. <i>Cancer Letters</i> , 2012, 327, 16-25.	3.2	49
1752	Formation of 5 ^h ,8-cyclo-2 ^h -deoxyadenosine in dA:T pairs as a model of double stranded DNA: A theoretical quantum mechanics study. <i>Computational and Theoretical Chemistry</i> , 2012, 997, 55-62.	1.1	2

#	ARTICLE	IF	CITATIONS
1753	Dual action molecules: Bioassays of combined novel antioxidants and angiotensin II receptor antagonists. <i>European Journal of Pharmacology</i> , 2012, 695, 96-103.	1.7	9
1754	Ethanol induced adaptive changes in blood for the pathological and toxicological effects of chronic ethanol consumption in humans. <i>Experimental and Toxicologic Pathology</i> , 2012, 64, 697-703.	2.1	19
1755	Propolis attenuates cobalt induced-nephrotoxicity in adult rats and their progeny. <i>Experimental and Toxicologic Pathology</i> , 2012, 64, 837-846.	2.1	23
1756	Involvement of oxidative stress in the mechanism of triptolide-induced acute nephrotoxicity in rats. <i>Experimental and Toxicologic Pathology</i> , 2012, 64, 905-911.	2.1	54
1757	The inhibitory effect of CIL-102 on the growth of human astrocytoma cells is mediated by the generation of reactive oxygen species and induction of ERK1/2 MAPK. <i>Toxicology and Applied Pharmacology</i> , 2012, 263, 73-80.	1.3	16
1758	Reactive oxygen species mediated DNA damage in human lung alveolar epithelial (A549) cells from exposure to non-cytotoxic MFI-type zeolite nanoparticles. <i>Toxicology Letters</i> , 2012, 215, 151-160.	0.4	41
1759	Subcellular targets of cisplatin cytotoxicity: An integrated view. , 2012, 136, 35-55.		148
1760	Risperidone reverses phencyclidine induced decrease in glutathione levels and alterations of antioxidant defense in rat brain. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2012, 39, 192-199.	2.5	48
1761	Increasing espresso coffee brew antioxidant capacity using phenolic extract recovered from hazelnut skin waste. <i>Journal of Functional Foods</i> , 2012, 4, 137-146.	1.6	28
1762	The impacts of silver nanoparticles and silver ions on wastewater biological phosphorous removal and the mechanisms. <i>Journal of Hazardous Materials</i> , 2012, 239-240, 88-94.	6.5	81
1763	Mitochondria and Alzheimer's disease. <i>Journal of the Neurological Sciences</i> , 2012, 322, 31-34.	0.3	35
1764	Plasma biomarkers of oxidative and AGE-mediated damage of proteins and glycosaminoglycans during healthy ageing: A possible association with ECM metabolism. <i>Mechanisms of Ageing and Development</i> , 2012, 133, 538-548.	2.2	22
1765	Molecular base of biochemical complex I deficiency. <i>Mitochondrion</i> , 2012, 12, 520-532.	1.6	34
1766	Anti-amyloidogenic activity of glutathione-covered gold nanoparticles. <i>Materials Science and Engineering C</i> , 2012, 32, 2529-2535.	3.8	31
1767	Assessment of Oxidative Parameters in Rat Spinal Cord After Chronic Constriction of the Sciatic Nerve. <i>Neurochemical Research</i> , 2012, 37, 1952-1958.	1.6	21
1768	Quercetin suppresses cytochrome P450 mediated ROS generation and NF κ B activation to inhibit the development of 7,12-dimethylbenz[a]anthracene (DMBA) induced hamster buccal pouch carcinomas. <i>Free Radical Research</i> , 2012, 46, 41-49.	1.5	42
1769	Circadian Regulation of Glutathione Levels and Biosynthesis in <i>Drosophila melanogaster</i> . <i>PLoS ONE</i> , 2012, 7, e50454.	1.1	68
1770	Chemical Insights into Ginseng as a Resource for Natural Antioxidants. <i>Chemical Reviews</i> , 2012, 112, 3329-3355.	23.0	79

#	ARTICLE	IF	CITATIONS
1771	Phytochemical screening and antioxidant activity of Lebanese <i>Eryngium creticum</i> L. Asian Pacific Journal of Tropical Biomedicine, 2012, 2, S1217-S1220.	0.5	26
1772	Role of antioxidants in phytomedicine with special reference to antidiabetic herbs. Asian Pacific Journal of Tropical Disease, 2012, 2, S969-S979.	0.5	14
1773	Screening of free radical scavengers from <i>Erigeron breviscapus</i> using on-line HPLC-ABTS/DPPH based assay and mass spectrometer detection. Free Radical Research, 2012, 46, 286-294.	1.5	15
1774	Activation of aerobic metabolism by Amaranth oil improves heart rate variability both in athletes and patients with type 2 diabetes mellitus. Archives of Physiology and Biochemistry, 2012, 118, 47-57.	1.0	29
1775	Sleep: A Health Imperative. Sleep, 2012, 35, 727-734.	0.6	586
1776	Cell Signaling and Cancer: Integrated, Fundamental Approach Involving Electron Transfer, Reactive Oxygen Species, and Antioxidants. , 2012, , 273-297.		3
1777	Molecular changes in smoking-related lung cancer. Expert Review of Molecular Diagnostics, 2012, 12, 93-106.	1.5	22
1778	Factors affecting the antioxidant potential and health benefits of plant foods. Canadian Journal of Plant Science, 2012, 92, 1101-1111.	0.3	52
1779	Role of Antioxidants in the Prevention of Cancer. Journal of Experimental and Clinical Medicine, 2012, 4, 215-222.	0.2	47
1780	<i>Chondracanthus tenellus</i> (Harvey) hommersand extract protects the human keratinocyte cell line by blocking free radicals and UVB radiation-induced cell damage. In Vitro Cellular and Developmental Biology - Animal, 2012, 48, 666-674.	0.7	6
1781	A strategy for detecting absorbed bioactive compounds for quality control in the water extract of rhubarb by ultra performance liquid chromatography with photodiode array detector. Chinese Journal of Integrative Medicine, 2012, 18, 690-698.	0.7	17
1782	Catalase and Lipid Peroxidation Values in Serum of Tunisian Patients with Pemphigus Vulgaris and Foliaceus. Biological Trace Element Research, 2012, 150, 74-80.	1.9	13
1783	Effect of long dose exposure of <i>Podophyllum hexandrum</i> methanol extract on antioxidant defense system and body and organ weight changes of albino rats. Asian Pacific Journal of Tropical Biomedicine, 2012, 2, S1600-S1605.	0.5	4
1784	<i>In Utero</i> Oxidative Stress Epigenetically Programs Antioxidant Defense Capacity and Adulthood Diseases. Antioxidants and Redox Signaling, 2012, 17, 237-253.	2.5	28
1786	Advanced Kidney Failure and Hyperuricemia. Advances in Chronic Kidney Disease, 2012, 19, 419-424.	0.6	18
1787	Getting <i>Smad</i> [™] about obesity and diabetes. Nutrition and Diabetes, 2012, 2, e29-e29.	1.5	64
1788	Performance of PNOF5 Natural Orbital Functional for Radical Formation Reactions: Hydrogen Atom Abstraction and C-C and O-O Homolytic Bond Cleavage in Selected Molecules. Journal of Chemical Theory and Computation, 2012, 8, 2646-2652.	2.3	24
1790	Principles of Bone Regeneration. , 2012, , .		11

#	ARTICLE	IF	CITATIONS
1791	Amino acid composition and antioxidant activities of hydrolysates and peptide fractions from porcine collagen. <i>Food Science and Technology International</i> , 2012, 18, 425-434.	1.1	48
1792	Approach to Cancer Diagnosis. , 2012, , 31-38.		0
1793	Water Soluble Vitamins. <i>Sub-Cellular Biochemistry</i> , 2012, , .	1.0	9
1794	Oxidative Stress. <i>Journal of Parenteral and Enteral Nutrition</i> , 2012, 36, 147-154.	1.3	122
1795	Antioxidant-Induced Stress. <i>International Journal of Molecular Sciences</i> , 2012, 13, 2091-2109.	1.8	125
1796	GSM 900 MHz microwave radiation affects embryo development of Japanese quails. <i>Electromagnetic Biology and Medicine</i> , 2012, 31, 75-86.	0.7	10
1797	Intermittent Hypoxia and Human Diseases. , 2012, , .		16
1798	Vitamin B6: Beyond Coenzyme Functions. <i>Sub-Cellular Biochemistry</i> , 2012, 56, 291-300.	1.0	28
1799	Oxidative Stress and Infection. , 2012, , 551-570.		2
1800	Aminolevulinatase (δ -ALA-D) as marker protein of intoxication with metals and other pro-oxidant situations. <i>Toxicology Research</i> , 2012, 1, 85.	0.9	97
1801	Redox biology of exercise: an integrative and comparative consideration of some overlooked issues. <i>Journal of Experimental Biology</i> , 2012, 215, 1615-1625.	0.8	116
1802	Comparative Study of the Effects of Solid-State Fermentation with Three Filamentous Fungi on the Total Phenolics Content (TPC), Flavonoids, and Antioxidant Activities of Subfractions from Oats (<i>Avena sativa</i> L.). <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 507-513.	2.4	118
1803	Cellular Protection During Oxidative Stress: A Potential Role for D-ribose and Antioxidants. <i>Journal of Dietary Supplements</i> , 2012, 9, 178-182.	1.4	15
1804	Advances in Mitochondrial Medicine. <i>Advances in Experimental Medicine and Biology</i> , 2012, , .	0.8	17
1805	Curcumin and vitamin E modulate hepatic antioxidant gene expression in PTU-induced hypothyroid rats. <i>Molecular Biology Reports</i> , 2012, 39, 9849-9861.	1.0	36
1806	In Vitro Antioxidant and Anticancer potential of Bark of <i>Costus pictus</i> D.DON. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2012, 2, S741-S749.	0.5	29
1807	Oxidative Stress in Cancer Biology and Therapy. , 2012, , .		5
1808	Capsaicin, a Tasty Free Radical Scavenger: Mechanism of Action and Kinetics. <i>Journal of Physical Chemistry B</i> , 2012, 116, 1200-1208.	1.2	91

#	ARTICLE	IF	CITATIONS
1809	Protective Effects of Extracts and Flavonoids Isolated from <i>Scutia buxifolia</i> Reissek against Chromosome Damage in Human Lymphocytes Exposed to Hydrogen Peroxide. <i>Molecules</i> , 2012, 17, 5757-5769.	1.7	38
1810	BACE1 is at the crossroad of a toxic vicious cycle involving cellular stress and β -amyloid production in Alzheimer's disease. <i>Molecular Neurodegeneration</i> , 2012, 7, 52.	4.4	131
1811	High level of oxidized nucleosides in thyroid mitochondrial DNA; damaging effects of Fenton reaction substrates. <i>Thyroid Research</i> , 2012, 5, 24.	0.7	16
1813	CART Peptide Is a Potential Endogenous Antioxidant and Preferentially Localized in Mitochondria. <i>PLoS ONE</i> , 2012, 7, e29343.	1.1	44
1814	Conformational Altered p53 as an Early Marker of Oxidative Stress in Alzheimer's Disease. <i>PLoS ONE</i> , 2012, 7, e29789.	1.1	59
1815	You Are What You Eat: Within-Subject Increases in Fruit and Vegetable Consumption Confer Beneficial Skin-Color Changes. <i>PLoS ONE</i> , 2012, 7, e32988.	1.1	91
1816	Interaction between Treg Apoptosis Pathways, Treg Function and HLA Risk Evolves during Type 1 Diabetes Pathogenesis. <i>PLoS ONE</i> , 2012, 7, e36040.	1.1	13
1817	Impact of Treadmill Running and Sex on Hippocampal Neurogenesis in the Mouse Model of Amyotrophic Lateral Sclerosis. <i>PLoS ONE</i> , 2012, 7, e36048.	1.1	29
1818	COMMD1-Deficient Dogs Accumulate Copper in Hepatocytes and Provide a Good Model for Chronic Hepatitis and Fibrosis. <i>PLoS ONE</i> , 2012, 7, e42158.	1.1	36
1819	Serial Non-Invasive Measurements of Dermal Carotenoid Concentrations in Dairy Cows following Recovery from Abomasal Displacement. <i>PLoS ONE</i> , 2012, 7, e47706.	1.1	8
1820	Disorders of erythrocyte structure and function in hypertensive patients. <i>Medical Science Monitor</i> , 2012, 18, BR331-BR336.	0.5	9
1821	Excitotoxicity and Oxidative Stress in Acute Ischemic Stroke. , 0, , .		7
1822	The effects of dietary flavonoids on the regulation of redox inflammatory networks. <i>Frontiers in Bioscience - Landmark</i> , 2012, 17, 2396.	3.0	107
1823	Independent beneficial effects of aged garlic extract intake with regular exercise on cardiovascular risk in postmenopausal women. <i>Nutrition Research and Practice</i> , 2012, 6, 226.	0.7	23
1824	Distillation time alters essential oil yield, composition, and antioxidant activity of male <i>Juniperus scopulorum</i> trees. <i>Journal of Oleo Science</i> , 2012, 61, 537-546.	0.6	35
1825	Physiological Antioxidative Network of the Bilirubin System in Aging and Age-Related Diseases. <i>Frontiers in Pharmacology</i> , 2012, 3, 45.	1.6	28
1826	Prevention of Postoperative Atrial Fibrillation: Novel and Safe Strategy Based on the Modulation of the Antioxidant System. <i>Frontiers in Physiology</i> , 2012, 3, 93.	1.3	36
1827	Hypoxia-Induced Oxidative Stress in Ischemic Retinopathy. <i>Oxidative Medicine and Cellular Longevity</i> , 2012, 2012, 1-10.	1.9	101

#	ARTICLE	IF	CITATIONS
1828	Effects of Forced Alcohol Intake Associated with Chronic Stress on the Severity of Periodontitis: An Animal Model Study. <i>International Journal of Dentistry</i> , 2012, 2012, 1-6.	0.5	5
1829	Characterization of Blood Oxidative Stress in Type 2 Diabetes Mellitus Patients: Increase in Lipid Peroxidation and SOD Activity. <i>Oxidative Medicine and Cellular Longevity</i> , 2012, 2012, 1-13.	1.9	103
1830	Metformin Rescues the Myocardium from Doxorubicin-Induced Energy Starvation and Mitochondrial Damage in Rats. <i>Oxidative Medicine and Cellular Longevity</i> , 2012, 2012, 1-13.	1.9	54
1831	Preclinical and Clinical Evidence of Antioxidant Effects of Antidepressant Agents: Implications for the Pathophysiology of Major Depressive Disorder. <i>Oxidative Medicine and Cellular Longevity</i> , 2012, 2012, 1-13.	1.9	147
1832	Oxidative Stress in Alzheimer's and Parkinson's Diseases: Insights from the Yeast <i>Saccharomyces cerevisiae</i> . <i>Oxidative Medicine and Cellular Longevity</i> , 2012, 2012, 1-9.	1.9	64
1833	Recent Advances in the Treatment of Neurodegenerative Diseases Based on GSH Delivery Systems. <i>Oxidative Medicine and Cellular Longevity</i> , 2012, 2012, 1-12.	1.9	79
1834	Redox Biology of Exercise. <i>Oxidative Medicine and Cellular Longevity</i> , 2012, 2012, 1-3.	1.9	8
1835	Lung Oxidative Damage by Hypoxia. <i>Oxidative Medicine and Cellular Longevity</i> , 2012, 2012, 1-18.	1.9	51
1836	Hypoxia-Induced Oxidative Stress in Health Disorders. <i>Oxidative Medicine and Cellular Longevity</i> , 2012, 2012, 1-2.	1.9	21
1837	Molecular Mechanisms of Diabetes Prevention by Structurally Diverse Antioxidants. , 2012, , 315-330.		1
1838	Oxidative stress – assassin behind the ischemic stroke. <i>Folia Neuropathologica</i> , 2012, 3, 219-230.	0.5	76
1839	Scavenging Capacity of Marine Carotenoids against Reactive Oxygen and Nitrogen Species in a Membrane-Mimicking System. <i>Marine Drugs</i> , 2012, 10, 1784-1798.	2.2	99
1840	An Ethanol Extract Derived from <i>Bonnemaisonia hamifera</i> Scavenges Ultraviolet B (UVB) Radiation-Induced Reactive Oxygen Species and Attenuates UVB-Induced Cell Damage in Human Keratinocytes. <i>Marine Drugs</i> , 2012, 10, 2826-2845.	2.2	27
1841	Quercetin Improves Baroreflex Sensitivity in Spontaneously Hypertensive Rats. <i>Molecules</i> , 2012, 17, 12997-13008.	1.7	46
1842	Functional Characterization of Hypertrehalosemic Hormone Receptor in Relation to Hemolymph Trehalose and to Oxidative Stress in the Cockroach <i>Blattella germanica</i> . <i>Frontiers in Endocrinology</i> , 2011, 2, 114.	1.5	21
1843	New Insights toward the Acute Non-Thyroidal Illness Syndrome. <i>Frontiers in Endocrinology</i> , 2012, 3, 8.	1.5	71
1844	Protective Effect of <i>T. violacea</i> Rhizome Extract Against Hypercholesterolemia-Induced Oxidative Stress in Wistar Rats. <i>Molecules</i> , 2012, 17, 6033-6045.	1.7	38
1845	Oxidative stress inflammation and endothelial dysfunction in obstructive sleep apnea. <i>Frontiers in Bioscience - Elite</i> , 2012, E4, 1391-1403.	0.9	90

#	ARTICLE	IF	CITATIONS
1846	Biological Activities and Effects of Food Processing on Flavonoids as Phenolic Antioxidants. , 0, , .		12
1847	All Your Eggs in One Basket: Mechanisms of Xenobiotic Induced Female Reproductive Senescence. , 0, , .		0
1848	Diabetic Nephropathy â€“ Using Herbals in Diabetic Nephropathy Prevention and Treatment â€“ The Role of Ginger (<i>Zingiber officinale</i>) and Onion (<i>Allium cepa</i>) in Diabeticsâ€™ Nephropathy. , 2012, , .		7
1849	Circulating Advanced Oxidation Protein Products, NÎµ-(Carboxymethyl) Lysine and Pro-Inflammatory Cytokines in Patients with Liver Cirrhosis: Correlations with Clinical Parameters. , 2012, , .		0
1850	Alcoholic Liver Disease and the Survival Response of the Hepatocyte Growth Factor. , 2012, , .		0
1851	Molecular alterations during female reproductive aging: Can aged oocytes remind youth?. , 2012, , .		1
1852	Oxidative Processes and Antioxidative Metaloenzymes. , 0, , .		9
1853	Antioxidant properties of aqueous extracts of <i>Selaginella willdenowii</i> . <i>Journal of Medicinal Plants Research</i> , 2012, 6, .	0.2	8
1854	Studies on the Seasonal Changes in Antioxidant Enzymes Activity on Differently, Polluted Areas along the Bay of Bengal Employing <i>Perna viridis</i> as an Animal Model. <i>American Journal of Animal and Veterinary Sciences</i> , 2012, 7, 96-103.	0.2	4
1855	Dietary Derived Antioxidants: Implications on Health. , 0, , .		9
1856	Extra-Telomeric Roles of Telomeric Proteins. , 2012, , .		1
1857	Mechanisms of Ischemic Induced Neuronal Death and Ischemic Tolerance. , 0, , .		0
1858	Mitochondrial Dysfunction in Insulin Insensitivity and Type 2 Diabetes and New Insights for Their Prevention and Management. , 0, , .		0
1859	Hypoxia-Inducible Factor-1Î± Increase is an Early and Sensitive Marker of Lung Cells Responding to Benzo[a]Pyrene. <i>Journal of Environmental Pathology, Toxicology and Oncology</i> , 2012, 31, 335-347.	0.6	13
1860	Oxidatively Modified Biomolecules: An Early Biomarker for Acute Coronary Artery Disease. , 2012, , .		0
1861	Adrenaline and Noradrenaline: Partners and Actors in the Same Play". , 0, , .		1
1862	Effect of antioxidants supplementations in salt-induced dyslipidaemia in albino rats. <i>International Journal of Biological and Chemical Sciences</i> , 2012, 6, .	0.1	0
1863	Oxidative Stress in Human Health and Disease. , 0, , .		0

#	ARTICLE	IF	CITATIONS
1864	Salicylic Acid Attenuates Gentamicin-Induced Nephrotoxicity in Rats. Scientific World Journal, The, 2012, 2012, 1-6.	0.8	31
1865	Especiarias como antioxidantes naturais: aplicações em alimentos e implicações na saúde. Revista Brasileira De Plantas Mediciniais, 2012, 14, 389-399.	0.3	31
1866	Supplementation with 0.1% and 2% vitamin e in diabetic rats: analysis of myenteric neurons immunostained for myosin-V and nNOS in the jejunum. Arquivos De Gastroenterologia, 2012, 49, 284-290.	0.3	10
1867	Effects of CoQ10 supplementation and swimming training on exhaustive exercise-induced oxidative stress in rat heart. Bratislava Medical Journal, 2012, 113, 393-399.	0.4	8
1868	Heterogeneous Responses to Antioxidants in Noradrenergic Neurons of the Locus Coeruleus Indicate Differing Susceptibility to Free Radical Content. Oxidative Medicine and Cellular Longevity, 2012, 2012, 1-10.	1.9	10
1869	Clinical immunology Whole blood neutrophil chemiluminescence in children with diabetes depending on their clinical condition. Central-European Journal of Immunology, 2012, 4, 345-349.	0.4	2
1870	Oxidative damage and carcinogenesis. Wspolczesna Onkologia, 2012, 3, 230-233.	0.7	22
1871	Base Excision Repair, the Redox Environment and Therapeutic Implications. Current Molecular Pharmacology, 2012, 5, 88-101.	0.7	21
1872	Use of CoA Biosynthesis Modulators and Selenoprotein Model Substance in Correction of Brain Ischemic and Reperfusion Injuries. , 2012, , .		0
1873	Correlation between total nitrite/nitrate concentrations and monoamine oxidase (types A and B) and semicarbazide-sensitive amine oxidase enzymatic activities in human mesenteric arteries from non-diabetic and type 2 diabetic patients. Brazilian Journal of Medical and Biological Research, 2012, 45, 20-24.	0.7	2
1874	Antioxidant and anti-inflammatory activities of hot water extract from <i>Pluchea indica</i> Less. herbal tea. Journal of Medicinal Plants Research, 2012, 6, .	0.2	8
1875	New Insights into the Role of Oxidative Stress in Scleroderma Fibrosis. Open Rheumatology Journal, 2012, 6, 87-95.	0.1	65
1876	Dietary Available Phosphorus Affected Growth Performance, Body Composition, and Hepatic Antioxidant Property of Juvenile Yellow Catfish <i>Pelteobagrus fulvidraco</i> . Scientific World Journal, The, 2012, 2012, 1-9.	0.8	33
1877	Antioxidant and Anti-Inflammatory Activities of <i>Sasa quelpaertensis</i> Leaf Extracts. , 2012, , .		1
1878	Lipid Peroxidation and Antioxidants in Arterial Hypertension. , 2012, , .		6
1879	Induction of Heat Shock Proteins and Antioxidant Enzymes in 2,3,7,8-TCDD-Induced Hepatotoxicity in Rats. Korean Journal of Physiology and Pharmacology, 2012, 16, 469.	0.6	8
1880	Compounds with Antioxidant Capacity as Potential Tools Against Several Oxidative Stress Related Disorders: Fact or Artifact?. , 0, , .		2
1881	Carmustine enhances the anticancer activity of selenite in androgen-independent prostate cancer cells. Cancer Management and Research, 2012, 4, 383.	0.9	10

#	ARTICLE	IF	CITATIONS
1882	Comparison of blood pro/antioxidant levels before and after acute exercise in athletes and non-athletes. <i>General Physiology and Biophysics</i> , 2012, 31, 211-219.	0.4	23
1883	Protein alteration of H ₂ G _{2.2.15} cells induced by iron overload. <i>Proteomics</i> , 2012, 12, 1378-1390.	1.3	11
1884	Multiple phosphorylations of cytochrome <i>c</i> oxidase and their functions. <i>Proteomics</i> , 2012, 12, 950-959.	1.3	67
1885	Protective Effects of Pine Bark Extract on Hexavalent Chromium-induced Dermatotoxicity in Rats. <i>Phytotherapy Research</i> , 2012, 26, 1534-1540.	2.8	9
1886	On the $\cdot\text{OH}$ and $\cdot\text{OOH}$ scavenging activity of 3-methyl-2-pyridinyl-5-pyrazolone: Comparisons with its parent compound, edaravone. <i>International Journal of Quantum Chemistry</i> , 2012, 112, 3441-3448.	1.0	25
1887	Free radical scavenging activity of caffeine's metabolites. <i>International Journal of Quantum Chemistry</i> , 2012, 112, 3472-3478.	1.0	17
1888	In Vivo Electrochemical Biosensors for Reactive Oxygen Species Detection: A Mini-Review. <i>Analytical Letters</i> , 2012, 45, 156-167.	1.0	23
1889	Systems biology of antioxidants. <i>Clinical Science</i> , 2012, 123, 173-192.	1.8	34
1890	Mitochondria and Diabetes. An Intriguing Pathogenetic Role. <i>Advances in Experimental Medicine and Biology</i> , 2012, 942, 235-247.	0.8	81
1891	Damage of DNA and proteins by major lipid peroxidation products in genome stability. <i>Free Radical Research</i> , 2012, 46, 442-459.	1.5	104
1892	Use of Metal Oxide Nanoparticle Band Gap To Develop a Predictive Paradigm for Oxidative Stress and Acute Pulmonary Inflammation. <i>ACS Nano</i> , 2012, 6, 4349-4368.	7.3	718
1893	DNA methylation changes in whole blood is associated with exposure to the environmental contaminants, mercury, lead, cadmium and bisphenol A, in women undergoing ovarian stimulation for IVF. <i>Human Reproduction</i> , 2012, 27, 1401-1410.	0.4	142
1894	XPD Gene rs13181 Polymorphism and DNA Damage in Human Lymphocytes. <i>Biochemical Genetics</i> , 2012, 50, 860-870.	0.8	14
1895	Adaptation to Intermittent Hypoxia/Hyperoxia Enhances Efficiency of Exercise Training. , 2012, , 191-205.		8
1896	Cancer chemotherapy reduces plasma total polyphenols and total antioxidants capacity in colorectal cancer patients. <i>Molecular Biology Reports</i> , 2012, 39, 9355-9360.	1.0	21
1897	Non-Thermal Biomarkers of Exposure to Radiofrequency/Microwave Radiation. <i>Arhiv Za Higijenu Rada I Toksikologiju</i> , 2012, 63, 67-73.	0.4	5
1898	Ameliorative effect of α -tocopherol on monosodium glutamate-induced cardiac histological alterations and oxidative stress. <i>Journal of the Science of Food and Agriculture</i> , 2012, 92, 3002-3006.	1.7	7
1899	Fibrosis-dependent mechanisms of hepatocarcinogenesis. <i>Hepatology</i> , 2012, 56, 769-775.	3.6	338

#	ARTICLE	IF	CITATIONS
1900	Comparison of two methods for noninvasive determination of carotenoids in human and animal skin: Raman spectroscopy versus reflection spectroscopy. <i>Journal of Biophotonics</i> , 2012, 5, 550-558.	1.1	49
1901	Estradiol protects adipose tissue-derived stem cells against H ₂ O ₂ -induced toxicity. <i>Journal of Biochemical and Molecular Toxicology</i> , 2012, 26, 301-307.	1.4	5
1902	Maintenance of redox state and pancreatic beta-cell function: Role of leptin and adiponectin. <i>Journal of Cellular Biochemistry</i> , 2012, 113, 1966-1976.	1.2	40
1903	Protection of prenylated flavonoids from mori cortex radices (Moraceae) against nitric oxide-induced cell death in neuroblastoma SH-SY5Y cells. <i>Archives of Pharmacal Research</i> , 2012, 35, 163-170.	2.7	45
1904	Reduced Fluoresceinamine for Peroxynitrite Quantification in the Presence of Nitric Oxide. <i>Journal of Fluorescence</i> , 2012, 22, 1127-1140.	1.3	5
1905	A Facile Synthesis of PEG-Coated Magnetite (Fe ₃ O ₄) Nanoparticles and Their Prevention of the Reduction of Cytochrome C. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 142-149.	4.0	200
1906	Oxidative stress: a new risk factor for thyroid cancer. <i>Endocrine-Related Cancer</i> , 2012, 19, C7-C11.	1.6	79
1907	Redox Regulation of Stem Cell Compartments: The Convergence of Radiation-Induced Normal Tissue Damage and Oxidative Stress. , 2012, , 169-192.		2
1908	Alzheimer's Disease and Diabetes: An Integrative View of the Role of Mitochondria, Oxidative Stress, and Insulin. <i>Journal of Alzheimer's Disease</i> , 2012, 30, S199-S215.	1.2	67
1909	How Do Cytokines Trigger Genomic Instability?. <i>Journal of Biomedicine and Biotechnology</i> , 2012, 2012, 1-12.	3.0	835
1910	Individual Biochemical Behaviour Versus Biological Robustness: Spotlight on the Regulation of Cytochrome c Oxidase. <i>Advances in Experimental Medicine and Biology</i> , 2012, 748, 265-281.	0.8	15
1911	Cytochrome c Oxidase and Its Role in Neurodegeneration and Neuroprotection. <i>Advances in Experimental Medicine and Biology</i> , 2012, 748, 305-339.	0.8	54
1912	A Hydrogen Peroxide-Responsive O ₂ Nanogenerator for Ultrasound and Magnetic-Resonance Dual Modality Imaging. <i>Advanced Materials</i> , 2012, 24, 5205-5211.	11.1	117
1913	Effects of 837 and 1950 MHz radiofrequency radiation exposure alone or combined on oxidative stress in MCF10A cells. <i>Bioelectromagnetics</i> , 2012, 33, 604-611.	0.9	21
1914	Evaluation of the antioxidant activity of tetracycline antibiotics <i>in vitro</i> . <i>Luminescence</i> , 2012, 27, 249-255.	1.5	37
1915	Free-Radical Degradation of High-Molar-Mass Hyaluronan Induced by Ascorbate <i>plus</i> Cupric Ions: Evaluation of Antioxidative Effect of Cysteine-Derived Compounds. <i>Chemistry and Biodiversity</i> , 2012, 9, 309-317.	1.0	21
1916	The effect of oxidized dextrans on generation of reactive oxygen species by murine peritoneal exudate phagocytes. <i>Biochemistry (Moscow) Supplement Series B: Biomedical Chemistry</i> , 2012, 6, 144-148.	0.2	1
1917	Yijin-tang, an oriental herbal formula reduces ethanol-induced acute gastric injury in rats. <i>Journal of the Korean Society for Applied Biological Chemistry</i> , 2012, 55, 197-204.	0.9	4

#	ARTICLE	IF	CITATIONS
1918	The anti-arthritic and anti-oxidative effect of NBD (6-nitro-1,3-benzodioxane) in adjuvant-induced arthritis (AIA) in rats. <i>Inflammation Research</i> , 2012, 61, 875-887.	1.6	15
1919	Suppressive effects of natural reduced waters on alloxan-induced apoptosis and type 1 diabetes mellitus. <i>Cytotechnology</i> , 2012, 64, 281-297.	0.7	11
1920	<i>S. choleroleuca</i> , <i>S. mirzayanii</i> and <i>S. santolinifolia</i> protect PC12 cells from H ₂ O ₂ -induced apoptosis by blocking the intrinsic pathway. <i>Cytotechnology</i> , 2012, 64, 403-419.	0.7	15
1921	Acute Oxidative Stress Affects IL-8 and TNF- α Expression in IPEC-J2 Porcine Epithelial Cells. <i>Inflammation</i> , 2012, 35, 994-1004.	1.7	47
1922	Effect of Chronic Administration of the Vinyl Chalcogenide 3-Methyl-1-phenyl-2-(phenylseleno)oct-2-en-1-one on Oxidative Stress in Different Brain Areas of Rats. <i>Neurochemical Research</i> , 2012, 37, 928-934.	1.6	16
1923	Peroxidase-ROS interactions. <i>Nonlinear Dynamics</i> , 2012, 68, 413-430.	2.7	26
1924	The stomata frontline of plant interaction with the environment-perspectives from hormone regulation. <i>Frontiers in Biology</i> , 2012, 7, 96-112.	0.7	22
1925	Dietary Magnesium Sulfate Supplementation Protects Heat Stress-Induced Oxidative Damage by Restoring the Activities of Anti-oxidative Enzymes in Broilers. <i>Biological Trace Element Research</i> , 2012, 146, 53-58.	1.9	20
1926	Synthesis, antioxidant and antimicrobial evaluation of thiazolidinone, azetidinone encompassing indolylthienopyrimidines. <i>Journal of Chemical Sciences</i> , 2012, 124, 469-481.	0.7	30
1927	Protective effect of [6]-gingerol on the ethanol-induced teratogenesis of cultured mouse embryos. <i>Archives of Pharmacal Research</i> , 2012, 35, 171-178.	2.7	6
1928	Anti-inflammatory and antioxidant activities of constituents isolated from <i>Pueraria lobata</i> roots. <i>Archives of Pharmacal Research</i> , 2012, 35, 823-837.	2.7	125
1929	NADPH oxidase-produced superoxide mediates EGFR transactivation by c-Src in arsenic trioxide-stimulated human keratinocytes. <i>Archives of Toxicology</i> , 2012, 86, 935-945.	1.9	30
1930	A quantum chemical study on the free radical scavenging activity of tyrosol and hydroxytyrosol. <i>Theoretical Chemistry Accounts</i> , 2012, 131, 1.	0.5	38
1931	Superoxide release in juvenile systemic lupus erythematosus. <i>Rheumatology International</i> , 2012, 32, 1977-1983.	1.5	3
1932	The reaction of methionine with hydroxyl radical: reactive intermediates and methanethiol production. <i>Amino Acids</i> , 2012, 42, 2439-2445.	1.2	12
1933	Oxidative stress in Phenylketonuria: future directions. <i>Journal of Inherited Metabolic Disease</i> , 2012, 35, 381-398.	1.7	47
1934	Nitric oxide and malondialdehyde levels in plasma and tissue of psoriasis patients. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2012, 26, 833-837.	1.3	50
1935	Different characteristics of reactive oxygen species production by human keratinocyte cell line cells in response to allergens and irritants. <i>Experimental Dermatology</i> , 2012, 21, 99-103.	1.4	31

#	ARTICLE	IF	CITATIONS
1936	Microvascular Reactivity in Response to Smoking and Oral Antioxidants in Humans. <i>Microcirculation</i> , 2012, 19, 86-93.	1.0	11
1937	Antioxidant effect of lemon verbena extracts in lymphocytes of university students performing aerobic training program. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2012, 22, 454-461.	1.3	39
1938	Synthesis and characteristics of chitin and chitosan with the (2-hydroxy-3-trimethylammonium)propyl functionality, and evaluation of their antioxidant activity in vitro. <i>Carbohydrate Polymers</i> , 2012, 89, 486-491.	5.1	73
1939	Oxidative stress associated with paternal care in smallmouth bass (<i>Micropterus dolomieu</i>). <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2012, 162, 212-218.	0.8	27
1940	Bioinspired functional mimics of the manganese catalases. <i>Coordination Chemistry Reviews</i> , 2012, 256, 1229-1245.	9.5	93
1941	Antioxidant activity and rosmarinic acid changes in salicylic acid-treated <i>Thymus membranaceus</i> shoots. <i>Food Chemistry</i> , 2012, 130, 362-369.	4.2	71
1942	Towards chemical and nutritional inventory of Portuguese wild edible mushrooms in different habitats. <i>Food Chemistry</i> , 2012, 130, 394-403.	4.2	139
1943	Hepatoprotective and hypolipidemic effects of water-soluble polysaccharidic extract of <i>Pleurotus eryngii</i> . <i>Food Chemistry</i> , 2012, 130, 687-694.	4.2	95
1944	Rapid antioxidant capacity screening in herbal extracts using a simple flow injection-spectrophotometric system. <i>Food Chemistry</i> , 2012, 132, 544-548.	4.2	17
1945	Effects of selected plant extracts on anti-oxidative enzyme activities in rats. <i>Food Chemistry</i> , 2012, 132, 1276-1280.	4.2	8
1946	Effect of ingestion of dark chocolates with similar lipid composition and different cocoa content on antioxidant and lipid status in healthy humans. <i>Food Chemistry</i> , 2012, 132, 1305-1310.	4.2	15
1947	Effects of nicotinic acid derivatives on tyrosinase inhibitory and antioxidant activities. <i>Food Chemistry</i> , 2012, 132, 2074-2080.	4.2	28
1948	Bioactivities of <i>Artocarpus lacucha</i> (Euterpe precatoria Mart.) fruit pulp, superior antioxidant and anti-inflammatory properties to <i>Euterpe oleracea</i> Mart.. <i>Food Chemistry</i> , 2012, 133, 671-677.	4.2	106
1949	Mangosteen xanthones, $\hat{1}\pm$ - and $\hat{1}^3$ -mangostins, inhibit allergic mediators in bone marrow-derived mast cell. <i>Food Chemistry</i> , 2012, 134, 397-400.	4.2	36
1950	Protective effect of arabinose and sugar beet pulp against high glucose-induced oxidative stress in LLC-PK1 cells. <i>Food Chemistry</i> , 2012, 134, 189-194.	4.2	17
1951	Microcapsules containing antioxidant molecules as scavengers of reactive oxygen and nitrogen species. <i>Food Chemistry</i> , 2012, 134, 704-711.	4.2	49
1952	The isolation and identification of two compounds with predominant radical scavenging activity in hempseed (seed of <i>Cannabis sativa</i> L.). <i>Food Chemistry</i> , 2012, 134, 1030-1037.	4.2	119
1953	Antioxidant activity and phenolic compounds of <i>Holotrichia parallela</i> Motschulsky extracts. <i>Food Chemistry</i> , 2012, 134, 1885-1891.	4.2	51

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1954	Varietal differences among the phenolic profiles and antioxidant properties of four cultivars of spine grape (<i>Vitis davidii</i> Foex) in Chongyi County (China). <i>Food Chemistry</i> , 2012, 134, 2049-2056.	4.2	109
1955	The redox stress hypothesis of aging. <i>Free Radical Biology and Medicine</i> , 2012, 52, 539-555.	1.3	401
1956	Noninvasive assessment of localized inflammatory responses. <i>Free Radical Biology and Medicine</i> , 2012, 52, 218-226.	1.3	35
1957	Identification of a redox-sensitive switch within the JAK2 catalytic domain. <i>Free Radical Biology and Medicine</i> , 2012, 52, 1101-1110.	1.3	33
1958	Mitochondrial compartmentalization of redox processes. <i>Free Radical Biology and Medicine</i> , 2012, 52, 2201-2208.	1.3	69
1959	The expression of antioxidant enzymes in the gingivae of type 2 diabetics with chronic periodontitis. <i>Archives of Oral Biology</i> , 2012, 57, 161-168.	0.8	33
1960	Effect of topical application of fluoride gel NaF 2% on enzymatic and non-enzymatic antioxidant parameters of saliva. <i>Archives of Oral Biology</i> , 2012, 57, 630-635.	0.8	7
1961	The expression of genes encoding for COX-2, MPO, iNOS, and sPLA2-IIA in patients with recurrent depressive disorder. <i>Journal of Affective Disorders</i> , 2012, 138, 360-366.	2.0	129
1962	Anti-nociceptive activity and toxicity evaluation of Cu(II)-fenoprofenate complexes in mice. <i>European Journal of Pharmacology</i> , 2012, 675, 32-39.	1.7	10
1963	The sigma-1 receptor protects against cellular oxidative stress and activates antioxidant response elements. <i>European Journal of Pharmacology</i> , 2012, 682, 12-20.	1.7	140
1964	Evaluation of damage to DNA induced by UV-C radiation and chemical agents using electrochemical biosensor based on low molecular weight DNA and screen-printed carbon electrode. <i>Electrochimica Acta</i> , 2012, 71, 134-139.	2.6	58
1965	Glucosylation of the flavonoid, astragalgin by <i>Leuconostoc mesenteroides</i> B-512FMCM dextranucrase acceptor reactions and characterization of the products. <i>Enzyme and Microbial Technology</i> , 2012, 50, 50-56.	1.6	41
1966	Electrochemical study of hydrogen peroxide formation in isolated mitochondria. <i>Bioelectrochemistry</i> , 2012, 85, 21-28.	2.4	22
1967	The influence of glutathione on redox regulation by antioxidant proteins and apoptosis in macrophages exposed to 2-hydroxyethyl methacrylate (HEMA). <i>Biomaterials</i> , 2012, 33, 5177-5186.	5.7	95
1968	Simplified bicyclic pyridinol analogues protect mitochondrial function. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 3584-3595.	1.4	9
1969	Antioxidant properties of seaweed polyphenol from <i>Turbinaria ornata</i> (Turner) J. Agardh, 1848. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2012, 2, S90-S98.	0.5	57
1970	Amelioration of oxidative stress induced by oxidative mutagens and COX-2 inhibitory activity of umbelliferone isolated from <i>Glycyrrhiza glabra</i> L. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2012, 2, S120-S126.	0.5	12
1971	Evidence for an adaptation in ROS scavenging systems in human testicular peritubular cells from infertility patients. <i>Journal of Developmental and Physical Disabilities</i> , 2012, 35, 793-801.	3.6	27

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1972	Acrolein effects in pulmonary cells: relevance to chronic obstructive pulmonary disease. <i>Annals of the New York Academy of Sciences</i> , 2012, 1259, 39-46.	1.8	69
1973	The role of oxidative stress in Rett syndrome: an overview. <i>Annals of the New York Academy of Sciences</i> , 2012, 1259, 121-135.	1.8	95
1974	Assessment of paraoxonase 1, xanthine oxidase and glutathione peroxidase activities, nitric oxide and thiol levels in women with polycystic ovary syndrome. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2012, 91, 326-330.	1.3	30
1975	A possible role for oxidation stress in lymphoid leukaemias and therapeutic failure. <i>Leukemia Research</i> , 2012, 36, 1041-1048.	0.4	17
1976	Redox homeostasis and posttranslational modifications/activity of phosphatase and tensin homolog in hepatocytes from rats with diet-induced hepatosteatosis. <i>Journal of Nutritional Biochemistry</i> , 2012, 23, 169-178.	1.9	14
1977	Ascorbic acid treatment, similarly to fluoxetine, reverses depressive-like behavior and brain oxidative damage induced by chronic unpredictable stress. <i>Journal of Psychiatric Research</i> , 2012, 46, 331-340.	1.5	177
1978	Modulation of CD40-activated B lymphocytes by N-acetylcysteine involves decreased phosphorylation of STAT3. <i>Molecular Immunology</i> , 2012, 49, 582-592.	1.0	9
1979	The indirect effect of radiation reduces the repair fidelity of NHEJ as verified in repair deficient CHO cell lines exposed to different radiation qualities and potassium bromate. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2012, 731, 125-132.	0.4	10
1980	Induction of thioredoxin-interacting protein is mediated by oxidative stress, calcium, and glucose after brain injury in mice. <i>Neurobiology of Disease</i> , 2012, 46, 440-449.	2.1	59
1981	Induction of apoptosis and up-regulation of cellular proliferation in oral leukoplakia cell lines inside electric field. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2012, 113, 644-654.	0.2	7
1982	Di (2-ethylhexyl) phthalate inhibits growth of mouse ovarian antral follicles through an oxidative stress pathway. <i>Toxicology and Applied Pharmacology</i> , 2012, 258, 288-295.	1.3	138
1983	Dithiocarbamate fungicide zineb induces oxidative stress and apoptosis in Chinese hamster lung fibroblasts. <i>Pesticide Biochemistry and Physiology</i> , 2012, 102, 95-101.	1.6	9
1984	Anthracyclines and ellipticines as DNA-damaging anticancer drugs: Recent advances. , 2012, 133, 26-39.		125
1985	Effects of infection intensity with <i>Strongyloides papillosus</i> and albendazole treatment on development of oxidative/nitrosative stress in sheep. <i>Veterinary Parasitology</i> , 2012, 186, 364-375.	0.7	25
1986	In vivo and in vitro antioxidant effects of three <i>Veronica</i> species. <i>Open Life Sciences</i> , 2012, 7, 559-568.	0.6	7
1987	Adverse effects of antioxidative vitamins. <i>International Journal of Occupational Medicine and Environmental Health</i> , 2012, 25, 105-21.	0.6	56
1988	Catching a cup but telomere loss: half opening the black box of growth and ageing trade-off in wild king penguin chicks. <i>Molecular Ecology</i> , 2012, 21, 1500-1510.	2.0	137
1989	Total anti-oxidant status: a biochemical predictor of human male fertility. <i>Andrologia</i> , 2012, 44, 20-25.	1.0	7

#	ARTICLE	IF	CITATIONS
1990	Protective role of chrysin against oxidative stress in galactose-induced aging in an experimental rat model. <i>Geriatrics and Gerontology International</i> , 2012, 12, 741-750.	0.7	100
1991	Chemopreventive evaluation of <i>Tephrosia purpurea</i> against <i>N</i> -nitrosodiethylamine-induced hepatocarcinogenesis in Wistar rats. <i>Journal of Pharmacy and Pharmacology</i> , 2012, 64, 1195-1205.	1.2	11
1992	Suppression of RANKL-dependent heme oxygenase-1 is required for high mobility group box 1 release and osteoclastogenesis. <i>Journal of Cellular Biochemistry</i> , 2012, 113, 486-498.	1.2	50
1993	The Influence of Silkworm Species on Cellular Interactions with Novel PVA/Silk Sericin Hydrogels. <i>Macromolecular Bioscience</i> , 2012, 12, 322-332.	2.1	54
1994	Inhibition of inflammation and oxidative stress by <i>Angelica dahuricae radix</i> extract decreases apoptotic cell death and improves functional recovery after spinal cord injury. <i>Journal of Neuroscience Research</i> , 2012, 90, 243-256.	1.3	67
1995	Trace Elements in Fingernails of Healthy Chinese Centenarians. <i>Biological Trace Element Research</i> , 2012, 145, 158-165.	1.9	15
1996	Role of intestinal microbiota in colon cancer prevention. <i>Annals of Microbiology</i> , 2012, 62, 15-30.	1.1	11
1997	<i>Monascus purpureus</i> -fermented products and oral cancer: a review. <i>Applied Microbiology and Biotechnology</i> , 2012, 93, 1831-1842.	1.7	34
1998	The effect of alpha lipoic acid on the developmental competence of mouse isolated preantral follicles. <i>Journal of Assisted Reproduction and Genetics</i> , 2012, 29, 175-183.	1.2	61
1999	ROS-induced ZNF580 expression: a key role for H ₂ O ₂ /NF- κ B signaling pathway in vascular endothelial inflammation. <i>Molecular and Cellular Biochemistry</i> , 2012, 359, 183-191.	1.4	38
2000	Epicatechin Inhibits Human Plasma Lipid Peroxidation Caused by Haloperidol In Vitro. <i>Neurochemical Research</i> , 2012, 37, 557-562.	1.6	14
2001	Elevated skeletal muscle apoptotic signaling following glutathione depletion. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2012, 17, 48-60.	2.2	30
2002	Synthetic polyamines as potential amine oxidase inhibitors: a preliminary study. <i>Amino Acids</i> , 2012, 42, 913-928.	1.2	15
2003	Cytoprotective activity of extract of roasted coffee residue on mouse embryonic fibroblasts cells against apoptosis induced by oxidative stress. <i>Food Science and Biotechnology</i> , 2012, 21, 137-143.	1.2	4
2004	The Cystine/Glutamate Antiporter System x^c in Health and Disease: From Molecular Mechanisms to Novel Therapeutic Opportunities. <i>Antioxidants and Redox Signaling</i> , 2013, 18, 522-555.	2.5	689
2005	Chamomile Confers Protection against Hydrogen Peroxide-Induced Toxicity through Activation of Nrf2-Mediated Defense Response. <i>Phytotherapy Research</i> , 2013, 27, 118-125.	2.8	17
2006	ANTIOXIDANT ACTIVITY OF INONOTUS OBLIQUUS GROWN ON GERMINATED BROWN RICE EXTRACTS. <i>Journal of Food Biochemistry</i> , 2013, 37, 456-464.	1.2	9
2007	Influence of solvent on the antioxidant and antimicrobial properties of walnut (<i>Juglans regia</i> L.) green husk extracts. <i>Industrial Crops and Products</i> , 2013, 42, 126-132.	2.5	237

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2008	Dietary phosphorus prevents oxidative damage and increases antioxidant enzyme activities in intestine and hepatopancreas of juvenile Jian carp. <i>Aquaculture Nutrition</i> , 2013, 19, 250-257.	1.1	14
2009	Antioxidant Activities of Some New Chromonyl-2,4-Thiazolidinediones and Chromonyl-2,4-Imidazolidinediones Having Chromone Cores. <i>Journal of Fluorescence</i> , 2013, 23, 1319-1327.	1.3	8
2010	NO Fluorescence Sensing by Europium Tetracyclines Complexes in the Presence of H ₂ O ₂ . <i>Journal of Fluorescence</i> , 2013, 23, 681-688.	1.3	5
2011	Imaging ROS signaling in cells and animals. <i>Journal of Molecular Medicine</i> , 2013, 91, 917-927.	1.7	142
2012	Epigallocatechin-3-gallate: a useful, effective and safe clinical approach for targeted prevention and individualised treatment of neurological diseases?. <i>EPMA Journal</i> , 2013, 4, 5.	3.3	80
2013	Defective antioxidant systems in cervical cancer. <i>Tumor Biology</i> , 2013, 34, 2003-2009.	0.8	19
2014	Cancer cachexia: impact, mechanisms and emerging treatments. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2013, 4, 95-109.	2.9	157
2015	Redox Regulation of Mitochondrial ATP Synthase. <i>Trends in Cardiovascular Medicine</i> , 2013, 23, 14-18.	2.3	63
2016	The specific features of free-radical processes and the antioxidant defense in the adult brain. <i>Neurochemical Journal</i> , 2013, 7, 89-97.	0.2	12
2017	Neuroprotective effect of 2-(4-methoxyphenyl)ethyl-2-acetamido-2-deoxy-β-d-pyranoside against sodium nitroprusside-induced neurotoxicity in HT22 cells. <i>Molecular and Cellular Biochemistry</i> , 2013, 383, 149-159.	1.4	5
2018	Brain effect of insulin and clonazepam in diabetic rats under depressive-like behavior. <i>Metabolic Brain Disease</i> , 2013, 28, 563-570.	1.4	31
2019	Ratios of biliary glutathione disulfide (GSSG) to glutathione (GSH): a potential index to screen drug-induced hepatic oxidative stress in rats and mice. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 2635-2642.	1.9	47
2020	Enhancement of In Vivo Antioxidant Ability in the Brain of Rats Fed Tannin. <i>Neurochemical Research</i> , 2013, 38, 1360-1364.	1.6	4
2021	Isolation Stress Exposure and Consumption of Palatable Diet During the Prepubertal Period Leads to Cellular Changes in the Hippocampus. <i>Neurochemical Research</i> , 2013, 38, 262-272.	1.6	6
2022	Phenolic compounds and antioxidant activity in fruits of six Diospyros kaki genotypes. <i>European Food Research and Technology</i> , 2013, 237, 923-932.	1.6	50
2023	Bioactive Dietary Factors and Plant Extracts in Dermatology. , 2013, , .		10
2024	Evaluation of protein oxidation and its association with lipid peroxidation and thyrotropin levels in overt and subclinical hypothyroidism. <i>Endocrine</i> , 2013, 44, 152-157.	1.1	54
2025	Natural Antioxidants in Cosmetics. <i>Studies in Natural Products Chemistry</i> , 2013, 40, 485-505.	0.8	87

#	ARTICLE	IF	CITATIONS
2026	Amelioration of altered oxidant/antioxidant balance of Indian water buffaloes with subclinical mastitis by vitamins A, D3, E, and H supplementation. <i>Tropical Animal Health and Production</i> , 2013, 45, 971-978.	0.5	12
2027	Effects of drying temperature on the chemical and physical properties of <i>Musa acuminata</i> Colla (AAA) Tj ETQq1 1 0,784314 rgBT /Ove	2.5	98
2028	Reactive Oxygen Species in Pulmonary Vascular Remodeling. , 2013, 3, 1011-1034.		121
2029	Studies on Arthritis and Joint Disorders. , 2013, , .		1
2030	The Heart As a Target for Xenobiotic Toxicity: The Cardiac Susceptibility to Oxidative Stress. <i>Chemical Research in Toxicology</i> , 2013, 26, 1285-1311.	1.7	70
2031	Selenocystine potentiates cancer cell apoptosis induced by 5-fluorouracil by triggering reactive oxygen species-mediated DNA damage and inactivation of the ERK pathway. <i>Free Radical Biology and Medicine</i> , 2013, 65, 305-316.	1.3	93
2032	Solvent optimization extraction of antioxidants from foxtail millet species™ insoluble fibers and their free radical scavenging properties. <i>Food Chemistry</i> , 2013, 141, 736-744.	4.2	23
2033	Antioxidant potency of phenolic phytochemicals from the root extract of <i>Acacia confusa</i> . <i>Industrial Crops and Products</i> , 2013, 49, 871-878.	2.5	19
2034	Intra-clutch variation in avian eggshell pigmentation covaries with female quality. <i>Journal of Ornithology</i> , 2013, 154, 1057-1065.	0.5	13
2035	Stable overexpression of DJê1 protects H9c2 cells against oxidative stress under a hypoxia condition. <i>Cell Biochemistry and Function</i> , 2013, 31, 643-651.	1.4	37
2036	Biomimetic Reagents for the Selective Free Radical and Acidâ€“Base Chemistry of Glycans: Application to Glycan Structure Determination by Mass Spectrometry. <i>Journal of the American Chemical Society</i> , 2013, 135, 10684-10692.	6.6	56
2037	Docosahexaenoic acid (DHA) attenuated paraquat induced lung damage in mice. <i>Inhalation Toxicology</i> , 2013, 25, 9-16.	0.8	14
2038	Oxidative stress and vascular inflammation in aging. <i>Free Radical Biology and Medicine</i> , 2013, 65, 380-401.	1.3	452
2039	Reactive Oxygen Species in the Activation of MAP Kinases. <i>Methods in Enzymology</i> , 2013, 528, 27-48.	0.4	355
2040	Heat Stress and Animal Productivity. , 2013, , .		30
2041	Identification of Inflammatory Mediators and Their Modulation by Strategies for the Management of the Systemic Inflammatory Response During Cardiac Surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2013, 27, 983-1033.	0.6	70
2042	Reactive oxygen species enhance excitatory synaptic transmission in rat spinal dorsal horn neurons by activating TRPA1 and TRPV1 channels. <i>Neuroscience</i> , 2013, 247, 201-212.	1.1	76
2043	Pollutionâ€“related changes in oxidative stress and antioxidant defense profile in the blood of white stork <i>Ciconia ciconia</i> chicks from different regions of Poland. <i>Ecological Research</i> , 2013, 28, 869-880.	0.7	1

#	ARTICLE	IF	CITATIONS
2044	The antioxidant response of the liver of male Swiss mice raised on a AIN 93 or commercial diet. <i>BMC Physiology</i> , 2013, 13, 3.	3.6	16
2045	Toxicological evaluation of Terminalia paniculata bark extract and its protective effect against CCl4-induced liver injury in rodents. <i>BMC Complementary and Alternative Medicine</i> , 2013, 13, 127.	3.7	21
2046	The effect of RHIZOMA COPTIDIS and COPTIS CHINENSIS aqueous extract on radiation-induced skin injury in a rat model. <i>BMC Complementary and Alternative Medicine</i> , 2013, 13, 105.	3.7	19
2047	Function and design of the Nox1 system in vascular smooth muscle cells. <i>BMC Systems Biology</i> , 2013, 7, 20.	3.0	10
2048	The potential role of phytochemicals in wholegrain cereals for the prevention of type-2 diabetes. <i>Nutrition Journal</i> , 2013, 12, 62.	1.5	128
2049	Insulin-induced recurrent hypoglycemia exacerbates diabetic brain mitochondrial dysfunction and oxidative imbalance. <i>Neurobiology of Disease</i> , 2013, 49, 1-12.	2.1	76
2050	Passage-dependent cancerous transformation of human mesenchymal stem cells under carcinogenic hypoxia. <i>FASEB Journal</i> , 2013, 27, 2788-2798.	0.2	29
2051	Chemical Mechanisms of the Toxicological Properties of Nanomaterials: Generation of Intracellular Reactive Oxygen Species. <i>Chemistry - an Asian Journal</i> , 2013, 8, 2342-2353.	1.7	79
2053	Kaurane diterpenes from Sideritis spp. exert a cytoprotective effect against oxidative injury that is associated with modulation of the Nrf2 system. <i>Phytochemistry</i> , 2013, 93, 116-123.	1.4	21
2054	Oxidative mechanisms of fish hepatocyte toxicity by the harmful dinoflagellate Cochlodinium polykrikoides. <i>Marine Environmental Research</i> , 2013, 87-88, 52-60.	1.1	16
2055	Effects of Cobalt on Membrane ATPases, Oxidant, and Antioxidant Values in the Cerebrum and Cerebellum of Suckling Rats. <i>Biological Trace Element Research</i> , 2013, 154, 387-395.	1.9	12
2056	The Effect of Iron-Vitamin C Co-supplementation on Biomarkers of Oxidative Stress in Iron-Deficient Female Youth. <i>Biological Trace Element Research</i> , 2013, 153, 171-177.	1.9	10
2057	Long-term effects of ionising radiation on the brain: cause for concern?. <i>Radiation and Environmental Biophysics</i> , 2013, 52, 5-16.	0.6	42
2058	Isoliquiritigenin Enhances Radiosensitivity of HepG2 Cells via Disturbance of Redox Status. <i>Cell Biochemistry and Biophysics</i> , 2013, 65, 433-444.	0.9	29
2059	Ginkgo biloba L. extract enhances the effectiveness of syngeneic bone marrow mesenchymal stem cells in lowering blood glucose levels and reversing oxidative stress. <i>Endocrine</i> , 2013, 43, 360-369.	1.1	17
2060	Magnolol Protects Against Oxidative Stress-Mediated Neural Cell Damage by Modulating Mitochondrial Dysfunction and PI3K/Akt Signaling. <i>Journal of Molecular Neuroscience</i> , 2013, 50, 469-481.	1.1	52
2061	Neuroprotective Effect of Leukemia Inhibitory Factor on Antimycin A-Induced Oxidative Injury in Differentiated PC12 Cells. <i>Journal of Molecular Neuroscience</i> , 2013, 50, 577-585.	1.1	6
2062	Multiple Factors from Bradykinin-Challenged Astrocytes Contribute to the Neuronal Apoptosis: Involvement of Astroglial ROS, MMP-9, and HO-1/CO System. <i>Molecular Neurobiology</i> , 2013, 47, 1020-1033.	1.9	28

#	ARTICLE	IF	CITATIONS
2063	Glutathione and iron at the crossroad of redox metabolism in rats infected by <i>Trypanosoma evansi</i> . <i>Parasitology Research</i> , 2013, 112, 2361-2366.	0.6	5
2064	Autocrine and paracrine interactions and neuroprotection in glaucoma. <i>Cell and Tissue Research</i> , 2013, 353, 219-230.	1.5	3
2065	Chemometric analysis of antioxidant properties of herbal products containing Ginkgo biloba extract. <i>Open Life Sciences</i> , 2013, 8, 374-385.	0.6	7
2066	Blood Biomarkers Linked to Oxidative Stress and Chronic Inflammation for Risk Assessment of Colorectal Neoplasia. <i>Current Colorectal Cancer Reports</i> , 2013, 9, 85-94.	1.0	3
2067	Sample Dilution Influences the Determination of Antioxidant Capacity in Food: How to Minimize It?. <i>Food Analytical Methods</i> , 2013, 6, 1485-1491.	1.3	7
2068	Butyric acid retention in gingival tissue induces oxidative stress in jugular blood mitochondria. <i>Cell Stress and Chaperones</i> , 2013, 18, 661-665.	1.2	20
2069	Antioxidant Status and Oxidative Stress in the Circulation of Younger and Elderly Human Subjects. <i>Indian Journal of Clinical Biochemistry</i> , 2013, 28, 426-428.	0.9	5
2070	Nitric Oxide and Interleukins are Involved in Cell Proliferation of RAW264.7 Macrophages Activated by Viili Exopolysaccharides. <i>Inflammation</i> , 2013, 36, 954-961.	1.7	18
2071	Mitochondrial superoxide mediates labile iron level: evidence from Mn-SOD-transgenic mice and heterozygous knockout mice and isolated rat liver mitochondria. <i>Free Radical Biology and Medicine</i> , 2013, 65, 143-149.	1.3	38
2072	Total phenolic, total flavonoid content, and antioxidant capacity of the leaves of <i>Meyna spinosa</i> Roxb., an Indian medicinal plant. <i>Chinese Journal of Natural Medicines</i> , 2013, 11, 149-157.	0.7	67
2073	Simvastatin rises reactive oxygen species levels and induces senescence in human melanoma cells by activation of p53/p21 pathway. <i>Experimental Cell Research</i> , 2013, 319, 2977-2988.	1.2	34
2074	Identification and characterisation of coumarins from the roots of <i>Angelica dahurica</i> and their inhibitory effects against cholinesterase. <i>Journal of Functional Foods</i> , 2013, 5, 1421-1431.	1.6	53
2075	Quantification of contributions of different molecular fragments for antioxidant activity of coumarin derivatives based on QSAR analyses. <i>Canadian Journal of Chemistry</i> , 2013, 91, 428-441.	0.6	12
2076	Protective effect of soybeans as protein source in the diet against cadmium-aorta redox and morphological alteration. <i>Toxicology and Applied Pharmacology</i> , 2013, 272, 806-815.	1.3	17
2077	Altered Activities of Antioxidant Enzymes in Patients with Metabolic Syndrome. <i>Obesity Facts</i> , 2013, 6, 39-47.	1.6	41
2078	Basis for Sensitive and Selective Time-Delayed Luminescence Detection of Hydroxyl Radical by Lanthanide Complexes. <i>Inorganic Chemistry</i> , 2013, 52, 9390-9398.	1.9	43
2079	Studies on Women's Health. , 2013, , .		7
2080	Status of antioxidant defense and lipid peroxidation in schizophrenics with positive, negative and cognitive symptoms. <i>Free Radicals and Antioxidants</i> , 2013, 3, 20-24.	0.2	3

#	ARTICLE	IF	CITATIONS
2081	Bioactivity and chemical characterization in hydrophilic and lipophilic compounds of <i>Chenopodium ambrosioides</i> L.. <i>Journal of Functional Foods</i> , 2013, 5, 1732-1740.	1.6	269
2082	Purification, chemical characterization and radical scavenging activities of alkali-extracted polysaccharide fractions isolated from the fruit bodies of <i>Tricholoma matsutake</i> . <i>World Journal of Microbiology and Biotechnology</i> , 2013, 29, 775-780.	1.7	23
2083	P2X7 receptor activation induces reactive oxygen species formation in erythroid cells. <i>Purinergic Signalling</i> , 2013, 9, 101-112.	1.1	35
2084	Levels of thioredoxin are related to the severity of obstructive sleep apnea: based on oxidative stress concept. <i>Sleep and Breathing</i> , 2013, 17, 311-316.	0.9	23
2085	Curcumin-supplemented diets increase superoxide dismutase activity and mean lifespan in <i>Drosophila</i> . <i>Age</i> , 2013, 35, 1133-1142.	3.0	104
2086	Chronic training increases blood oxidative damage but promotes health in elderly men. <i>Age</i> , 2013, 35, 407-417.	3.0	25
2087	The Pathogenesis of CRS: An Update. <i>Current Otorhinolaryngology Reports</i> , 2013, 1, 25-32.	0.2	0
2088	Neuropharmacological Review of the Nootropic Herb <i>Bacopa monnieri</i> . <i>Rejuvenation Research</i> , 2013, 16, 313-326.	0.9	198
2089	Genetic variation in oxidative stress and DNA repair genes in a Mexican population. <i>Annals of Human Biology</i> , 2013, 40, 355-359.	0.4	3
2090	Cytotoxicity evaluation and antioxidant enzyme expression related to heavy metals found in tuna by-products meal: An in vitro study in human and rat liver cell lines. <i>Experimental and Toxicologic Pathology</i> , 2013, 65, 1025-1033.	2.1	30
2091	The Antioxidant Activity of Coumarins and Flavonoids. <i>Mini-Reviews in Medicinal Chemistry</i> , 2013, 13, 318-334.	1.1	113
2092	Effects of imperatorin on nicotine-induced anxiety- and memory-related responses and oxidative stress in mice. <i>Physiology and Behavior</i> , 2013, 122, 46-55.	1.0	54
2093	Novel o-naphthoquinones induce apoptosis of EL-4 T lymphoma cells through the increase of reactive oxygen species. <i>Toxicology in Vitro</i> , 2013, 27, 2094-2104.	1.1	14
2094	Copper chaperones. The concept of conformational control in the metabolism of copper. <i>FEBS Letters</i> , 2013, 587, 1902-1910.	1.3	81
2095	The hexacarbonyldicobalt derivative of aspirin acts as a CO-releasing NSAID on malignant mesothelioma cells. <i>Metallomics</i> , 2013, 5, 1604.	1.0	19
2096	N-acetylcysteine alters substrate metabolism during high-intensity cycle exercise in well-trained humans. <i>Applied Physiology, Nutrition and Metabolism</i> , 2013, 38, 1217-1227.	0.9	19
2097	Basic concepts of medical genetics, pathogenetics, part 5. <i>Egyptian Journal of Medical Human Genetics</i> , 2013, 14, 429-431.	0.5	0
2098	Synthesis, characterization and biological evaluation of paeonol thiosemicarbazone analogues as mushroom tyrosinase inhibitors. <i>International Journal of Biological Macromolecules</i> , 2013, 62, 589-595.	3.6	61

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2099	New biomarkers and heart failure. <i>Cor Et Vasa</i> , 2013, 55, e345-e354.	0.1	5
2100	Fluoride-elicited developmental testicular toxicity in rats: Roles of endoplasmic reticulum stress and inflammatory response. <i>Toxicology and Applied Pharmacology</i> , 2013, 271, 206-215.	1.3	111
2101	Modulation of the endogenous antioxidants paraoxonase-1 and urate by pesticide exposure and genetic variants of xenobiotic-metabolizing enzymes. <i>Food and Chemical Toxicology</i> , 2013, 61, 164-170.	1.8	12
2102	Thioredoxin interacting protein and its association with clinical outcome in gastro-oesophageal adenocarcinoma. <i>Redox Biology</i> , 2013, 1, 285-291.	3.9	25
2103	ETV6/RUNX1 Induces Reactive Oxygen Species and Drives the Accumulation of DNA Damage in B Cells. <i>Neoplasia</i> , 2013, 15, 1292-IN28.	2.3	39
2104	Cytotoxic effects and changes in cytokine gene expression induced by microcystin-containing extract in fish immune cells – An <i>in vitro</i> and <i>in vivo</i> study. <i>Fish and Shellfish Immunology</i> , 2013, 34, 1524-1532.	1.6	25
2105	Serum levels of vitamin E forms and risk of cognitive impairment in a Finnish cohort of older adults. <i>Experimental Gerontology</i> , 2013, 48, 1428-1435.	1.2	99
2106	Aqueous Extract of Yerba Mate Tea Lowers Atherosclerotic Risk Factors in a Rat Hyperlipidemia Model. <i>Phytotherapy Research</i> , 2013, 27, 1225-1231.	2.8	23
2107	Regioselective synthesis of phenanthrenes and evaluation of their anti-oxidant based anti-inflammatory potential. <i>European Journal of Medicinal Chemistry</i> , 2013, 67, 454-463.	2.6	20
2108	The octadecaneuropeptide <sc>ODN</sc> prevents 6- <i>hydroxydopamine</i> -induced apoptosis of cerebellar granule neurons through a <sc>PKC</sc>- <i>MAPK</i> -dependent pathway. <i>Journal of Neurochemistry</i> , 2013, 125, 620-633.	2.1	32
2109	Effluent from an NSAID-Manufacturing Plant in Mexico Induces Oxidative Stress on <i>Cyprinus carpio</i> . <i>Water, Air, and Soil Pollution</i> , 2013, 224, 1.	1.1	29
2110	Infrared laser pulse triggers increased singlet oxygen production in tumour cells. <i>Scientific Reports</i> , 2013, 3, 3484.	1.6	55
2111	Lipid peroxidation and antioxidant responses in zebrafish brain induced by <i>Aphanizomenon flos-aquae</i> DC-1 aphantoxins. <i>Aquatic Toxicology</i> , 2013, 144-145, 250-256.	1.9	25
2112	A Novel Domain of Amino-Nogo-A Protects HT22 Cells Exposed to Oxygen Glucose Deprivation by Inhibiting NADPH Oxidase Activity. <i>Cellular and Molecular Neurobiology</i> , 2013, 33, 443-452.	1.7	11
2113	Biological importance of reactive oxygen species in relation to difficulties of treating pathologies involving oxidative stress by exogenous antioxidants. <i>Food and Chemical Toxicology</i> , 2013, 61, 240-247.	1.8	30
2114	African eggplant (<i>Solanum anguivi</i> Lam.) fruit with bioactive polyphenolic compounds exerts <i>in vitro</i> antioxidant properties and inhibits Ca ²⁺ -induced mitochondrial swelling. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2013, 3, 757-766.	0.5	31
2115	Five new eudesmane-type sesquiterpenoid lactones biotransformed from atractylenolide I by rat hepatic microsomes. <i>FÄ-toterapÄ-Aç</i> , 2013, 85, 95-100.	1.1	13
2118	Stylissatin A, a cyclic peptide that inhibits nitric oxide production from the marine sponge <i>Stylissa massa</i> . <i>Tetrahedron Letters</i> , 2013, 54, 6826-6828.	0.7	28

#	ARTICLE	IF	CITATIONS
2119	Differential expression of the proteome of myeloid dendritic cells in severe aplastic anemia. <i>Cellular Immunology</i> , 2013, 285, 141-148.	1.4	15
2120	Endothelial NO and O ₂ ^{•-} production rates differentially regulate oxidative, nitroxidative, and nitrosative stress in the microcirculation. <i>Free Radical Biology and Medicine</i> , 2013, 63, 161-174.	1.3	25
2121	Phytochemical composition, antioxidant and cytoprotective activities of essential oil of <i>Salvia lavandulifolia</i> Vahl. <i>Food Research International</i> , 2013, 54, 523-531.	2.9	25
2122	Mechanisms of radiation-induced skin injury and implications for future clinical trials. <i>International Journal of Radiation Biology</i> , 2013, 89, 311-318.	1.0	65
2123	A Density Functional Theory Investigation into the Binding of the Antioxidants Ergothioneine and Ovothiol to Copper. <i>Journal of Physical Chemistry A</i> , 2013, 117, 4057-4065.	1.1	23
2124	Effect of thymoquinone on 1,2-dimethyl-hydrazine-induced oxidative stress during initiation and promotion of colon carcinogenesis. <i>European Journal of Cancer</i> , 2013, 49, 1127-1135.	1.3	58
2125	Thymoquinone effects on DMH-induced erythrocyte oxidative stress and haematological alterations during colon cancer promotion in rats. <i>Journal of Functional Foods</i> , 2013, 5, 1310-1316.	1.6	14
2126	Bioactive microconstituents and antioxidant properties of wild edible mushrooms from the island of Lesvos, Greece. <i>Food and Chemical Toxicology</i> , 2013, 55, 378-385.	1.8	119
2127	Production of intracellular reactive oxygen species and change of cell viability induced by atmospheric pressure plasma in normal and cancer cells. <i>Applied Physics Letters</i> , 2013, 103, .	1.5	97
2128	Activation of intracellular matrix metalloproteinase-2 by reactive oxygen/nitrogen species: Consequences and therapeutic strategies in the heart. <i>Archives of Biochemistry and Biophysics</i> , 2013, 540, 82-93.	1.4	45
2129	Effects of Various Heat Treatments on Phenolic Profiles and Antioxidant Activities of <i>Pleurotus eryngii</i> Extracts. <i>Journal of Food Science</i> , 2013, 78, C1122-9.	1.5	27
2130	Inhibition of glutathione biosynthesis alters compartmental redox status and the thiol proteome in organogenesis-stage rat conceptuses. <i>Free Radical Biology and Medicine</i> , 2013, 63, 325-337.	1.3	24
2131	Wheat Germ Oil and α -Lipoic Acid Predominantly Improve the Lipid Profile of Broiler Meat. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 11158-11165.	2.4	15
2132	Tributyltin induces oxidative damage, inflammation and apoptosis via disturbance in blood-brain barrier and metal homeostasis in cerebral cortex of rat brain: An in vivo and in vitro study. <i>Toxicology</i> , 2013, 310, 39-52.	2.0	64
2133	Antioxidant properties and polyphenolic compositions of fruits from different European cranberrybush (<i>Viburnum opulus</i> L.) genotypes. <i>Food Chemistry</i> , 2013, 141, 3695-3702.	4.2	84
2134	Oxidative DNA Damage and Mammary Cell Proliferation by Alcohol-Derived Salsolinol. <i>Chemical Research in Toxicology</i> , 2013, 26, 1455-1463.	1.7	4
2135	Influence of ambient air pollution on global DNA methylation in healthy adults: A seasonal follow-up. <i>Environment International</i> , 2013, 59, 418-424.	4.8	103
2136	Protective effect of β -casomorphin-7 on cardiomyopathy of streptozotocin-induced diabetic rats via inhibition of hyperglycemia and oxidative stress. <i>Peptides</i> , 2013, 44, 120-126.	1.2	21

#	ARTICLE	IF	CITATIONS
2137	Model animals for the study of oxidative stress from complex II. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2013, 1827, 588-597.	0.5	43
2138	Influence of aging on ethanol-induced oxidative stress in digestive tract of rats. <i>Human and Experimental Toxicology</i> , 2013, 32, 698-705.	1.1	6
2139	Haptoglobin polymorphism in relation to antioxidative enzymes activity in type 2 diabetes mellitus. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , 2013, 7, 26-31.	1.8	6
2140	Protection of nicotinic acid against oxidative stress-induced cell death in hepatocytes contributes to its beneficial effect on alcohol-induced liver injury in mice. <i>Journal of Nutritional Biochemistry</i> , 2013, 24, 1520-1528.	1.9	33
2141	Chemical Analysis and Effect of Blueberry and Lingonberry Fruits and Leaves against Glutamate-Mediated Excitotoxicity. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 7769-7776.	2.4	50
2142	Protective effects of <i>Lactuca sativa</i> ethanolic extract on carbon tetrachloride induced oxidative damage in rats. <i>Asian Pacific Journal of Tropical Disease</i> , 2013, 3, 277-285.	0.5	21
2143	Health protective effects of carotenoids and their interactions with other biological antioxidants. <i>European Journal of Medicinal Chemistry</i> , 2013, 70, 102-110.	2.6	182
2144	Nitrosative Stress Plays an Important Role in Wnt Pathway Activation in Diabetic Retinopathy. <i>Antioxidants and Redox Signaling</i> , 2013, 18, 1141-1153.	2.5	51
2145	Differential responses of pancreatic β -cells to ROS and RNS. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2013, 304, E614-E622.	1.8	35
2146	Increased plasma levels of advanced oxidation protein products (AOPP) as a marker for oxidative stress in patients with active ulcerative colitis. <i>Clinics and Research in Hepatology and Gastroenterology</i> , 2013, 37, 80-85.	0.7	23
2147	Oxidative stress, neurodegeneration, and the balance of protein degradation and protein synthesis. <i>Free Radical Biology and Medicine</i> , 2013, 62, 170-185.	1.3	296
2148	In vitro lipid peroxidation of intestinal bile salt-based nanoemulsions: Potential role of antioxidants. <i>Free Radical Research</i> , 2013, 47, 1076-1087.	1.5	3
2149	Atg9 Interacts with dTRAF2/TRAF6 to Regulate Oxidative Stress-Induced JNK Activation and Autophagy Induction. <i>Developmental Cell</i> , 2013, 27, 489-503.	3.1	90
2151	Revealing silver cytotoxicity using Au nanorods/Ag shell nanostructures: disrupting cell membrane and causing apoptosis through oxidative damage. <i>RSC Advances</i> , 2013, 3, 2296.	1.7	63
2152	Efficient Synthesis and Antioxidant Evaluation of 2- <i>Ar</i> -(<i>Py</i>)- <i>Th</i> Thiazolidinones. <i>Journal of Biochemical and Molecular Toxicology</i> , 2013, 27, 445-450.	1.4	6
2153	Defining a genotoxic profile with mouse embryonic stem cells. <i>Experimental Biology and Medicine</i> , 2013, 238, 285-293.	1.1	2
2154	Inhibitory effect of naringenin (citrus flavonone) on N-nitrosodiethylamine induced hepatocarcinogenesis in rats. <i>Biochemical and Biophysical Research Communications</i> , 2013, 434, 203-209.	1.0	64
2155	Which form is that? The importance of selenium speciation and metabolism in the prevention and treatment of disease. <i>Chemical Society Reviews</i> , 2013, 42, 8870.	18.7	478

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2156	Toxicity of superparamagnetic iron oxide nanoparticles: Research strategies and implications for nanomedicine. <i>Chinese Physics B</i> , 2013, 22, 127503.	0.7	48
2157	The Role of Cyclodextrins in ORAC-Fluorescence Assays. Antioxidant Capacity of Tyrosol and Caffeic Acid with Hydroxypropyl- β -Cyclodextrin. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 12260-12264.	2.4	24
2158	Antioxidants in Brazilian Plant Species. , 2013, , 3-15.		2
2159	Effects of Mangifera pajang Kostermans juice on plasma antioxidant status and liver and kidney function in normocholesterolemic subjects. <i>Journal of Functional Foods</i> , 2013, 5, 1900-1908.	1.6	6
2160	Bioactive metabolites from macrofungi: ethnopharmacology, biological activities and chemistry. <i>Fungal Diversity</i> , 2013, 62, 1-40.	4.7	182
2161	KEAP1 Is a Redox Sensitive Target That Arbitrates the Opposing Radiosensitive Effects of Parthenolide in Normal and Cancer Cells. <i>Cancer Research</i> , 2013, 73, 4406-4417.	0.4	57
2162	Chemical composition and antioxidative and anti-inflammatory properties of ten commercial mung bean samples. <i>LWT - Food Science and Technology</i> , 2013, 54, 171-178.	2.5	62
2163	Novel antioxidants are not toxic to normal tissues but effectively kill cancer cells. <i>Cancer Biology and Therapy</i> , 2013, 14, 907-915.	1.5	9
2164	Effects of Sargassum fusiforme polysaccharides on antioxidant activities and intestinal functions in mice. <i>International Journal of Biological Macromolecules</i> , 2013, 58, 127-132.	3.6	51
2165	Receptor for advanced glycation end-product (RAGE) gene polymorphism 2245G/A is associated with pro-inflammatory, oxidative-glycation markers and sRAGE in diabetic retinopathy. <i>Gene</i> , 2013, 521, 227-233.	1.0	21
2166	Positive association between urinary levels of 8-hydroxydeoxyguanosine and the acrylamide metabolite N-acetyl-S-(propionamide)-cysteine in adolescents and young adults. <i>Journal of Hazardous Materials</i> , 2013, 261, 372-377.	6.5	27
2167	Low-toxicity complexes with nitrogen-containing ligands as promising new agents for treatment and prevention of free radical states. <i>Russian Journal of General Chemistry</i> , 2013, 83, 2701-2708.	0.3	1
2168	The chronic effects of low lead level on the expressions of Nrf2 and Mrp1 of the testes in the rats. <i>Environmental Toxicology and Pharmacology</i> , 2013, 35, 109-116.	2.0	18
2169	Metformin decreases serum 8-hydroxy-2'-deoxyguanosine levels in polycystic ovary syndrome. <i>Fertility and Sterility</i> , 2013, 99, 593-598.	0.5	20
2170	Oxidative stress response elicited by mitochondrial dysfunction: Implication in the pathophysiology of aging. <i>Experimental Biology and Medicine</i> , 2013, 238, 450-460.	1.1	267
2171	Efficacy of topical formulations containing Pimenta pseudocaryophyllus extract against UVB-induced oxidative stress and inflammation in hairless mice. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2013, 127, 153-160.	1.7	60
2172	In vivo analgesic activity, toxicity and phytochemical screening of the hydroalcoholic extract from the leaves of Psidium cattleianum Sabine. <i>Journal of Ethnopharmacology</i> , 2013, 150, 280-284.	2.0	35
2173	Involvement of Oxidative Stress and Mitochondrial Apoptosis in the Pathogenesis of Pelvic Organ Prolapse. <i>Journal of Urology</i> , 2013, 189, 588-594.	0.2	56

#	ARTICLE	IF	CITATIONS
2174	Mechanisms of methimazole cytotoxicity in isolated rat hepatocytes. <i>Drug and Chemical Toxicology</i> , 2013, 36, 403-411.	1.2	45
2175	Curbing cancer's sweet tooth: Is there a role for MnSOD in regulation of the Warburg effect?. <i>Mitochondrion</i> , 2013, 13, 170-188.	1.6	29
2176	The medical use of oxygen: a time for critical reappraisal. <i>Journal of Internal Medicine</i> , 2013, 274, 505-528.	2.7	171
2177	Human Cell Toxicogenomic Analysis Linking Reactive Oxygen Species to the Toxicity of Monohaloacetic Acid Drinking Water Disinfection Byproducts. <i>Environmental Science & Technology</i> , 2013, 47, 12514-12523.	4.6	108
2178	Protective effect of marine algae phlorotannins against AAPH-induced oxidative stress in zebrafish embryo. <i>Food Chemistry</i> , 2013, 138, 950-955.	4.2	114
2179	Circulating markers of oxidative stress and polycystic ovary syndrome (PCOS): a systematic review and meta-analysis. <i>Human Reproduction Update</i> , 2013, 19, 268-288.	5.2	399
2180	Antioxidant potential and amino acid analysis of underutilized tropical fruit <i>Limonia acidissima</i> L.. <i>Free Radicals and Antioxidants</i> , 2013, , .	0.2	11
2181	Effects of Dietary Copper on Growth, Digestive, and Brush Border Enzyme Activities and Antioxidant Defense of Hepatopancreas and Intestine for Young Grass Carp (<i>Ctenopharyngodon idella</i>). <i>Biological Trace Element Research</i> , 2013, 155, 370-380.	1.9	142
2182	The expression of redox proteins in phyllodes tumor. <i>Breast Cancer Research and Treatment</i> , 2013, 141, 365-374.	1.1	10
2183	Effect of Chronic Treatment with Conventional and Organic Purple Grape Juices (<i>Vitis labrusca</i>) on Rats Fed with High-Fat Diet. <i>Cellular and Molecular Neurobiology</i> , 2013, 33, 1123-1133.	1.7	19
2184	Sildenafil ameliorates biomarkers of genotoxicity in an experimental model of spontaneous atherosclerosis. <i>Lipids in Health and Disease</i> , 2013, 12, 128.	1.2	25
2185	Involvement of free radicals in breast cancer. <i>SpringerPlus</i> , 2013, 2, 404.	1.2	37
2186	Both a traditional and modified Daniel Fast improve the cardio-metabolic profile in men and women. <i>Lipids in Health and Disease</i> , 2013, 12, 114.	1.2	8
2187	Mechanistic insights into the superoxideâ€“cytochromeÂc reaction by lysine surface scanning. <i>Journal of Biological Inorganic Chemistry</i> , 2013, 18, 429-440.	1.1	9
2188	Protection of hepatic cell damage and antimicrobial evaluation of chitosan-catechin conjugate. <i>Journal of the Korean Society for Applied Biological Chemistry</i> , 2013, 56, 701-707.	0.9	10
2189	Free radical-scavenging activities and cytoprotective effect of polyphenol-rich ethyl acetate fraction of guava (<i>Psidium cattleianum</i>) leaves on H2O2-treated HepG2 Cell. <i>Journal of the Korean Society for Applied Biological Chemistry</i> , 2013, 56, 687-694.	0.9	9
2190	LPS-induced NO inhibition and antioxidant activities of ethanol extracts and their solvent partitioned fractions from four brown seaweeds. <i>Ocean Science Journal</i> , 2013, 48, 349-359.	0.6	7
2191	Status of antioxidant enzyme: glutathione peroxidase and total polyphenol level in plasma of Tunisian patients suffering from colorectal and gastric cancer: interaction with clinical outcome. <i>Medical Oncology</i> , 2013, 30, 731.	1.2	3

#	ARTICLE	IF	CITATIONS
2192	Application of EPR Spectroscopy to Examination of Free Radical Formation in Thermally Sterilized Flumetasone. <i>Applied Magnetic Resonance</i> , 2013, 44, 1431-1443.	0.6	2
2193	How cigarette smoking may increase the risk of anxiety symptoms and anxiety disorders: a critical review of biological pathways. <i>Brain and Behavior</i> , 2013, 3, 302-326.	1.0	126
2194	Superoxide generated by pyrogallol reduces highly water-soluble tetrazolium salt to produce a soluble formazan: A simple assay for measuring superoxide anion radical scavenging activities of biological and abiological samples. <i>Analytica Chimica Acta</i> , 2013, 793, 53-60.	2.6	41
2195	Oxidative damage induced by chlorpyrifos in the hepatic and renal tissue of Kunming mice and the antioxidant role of vitamin E. <i>Food and Chemical Toxicology</i> , 2013, 58, 177-183.	1.8	55
2196	Management of diabetic complications: A chemical constituents based approach. <i>Journal of Ethnopharmacology</i> , 2013, 150, 51-70.	2.0	101
2198	Benfotiamine Enhances Antioxidant Defenses and Protects against Cisplatin-Induced DNA Damage in Nephrotoxic Rats. <i>Journal of Biochemical and Molecular Toxicology</i> , 2013, 27, 398-405.	1.4	12
2199	Mitochondrial dysfunction in the hippocampus of rats caused by chronic oxidative stress. <i>Neuroscience</i> , 2013, 252, 384-395.	1.1	40
2200	Antioxidant and anti-inflammatory activities of <i>Pittocaulon</i> species from MÃ©xico. <i>Pharmaceutical Biology</i> , 2013, 51, 260-266.	1.3	6
2201	Effect of Antioxidant Supplementation on the Total Yield, Oxidative Stress Levels, and Multipotency of Bone Marrow-Derived Human Mesenchymal Stromal Cells. <i>Tissue Engineering - Part A</i> , 2013, 19, 928-937.	1.6	24
2202	Effects of vitamin E on expressions of eight microRNAs in the liver of Nile tilapia (<i>Oreochromis</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.6	38
2203	Antioxidant and genoprotective effects of spent coffee extracts in human cells. <i>Food and Chemical Toxicology</i> , 2013, 60, 397-403.	1.8	46
2204	N-Acetylcysteine amide: a derivative to fulfill the promises of N-Acetylcysteine. <i>Free Radical Research</i> , 2013, 47, 357-367.	1.5	83
2205	Ferulic Acid Content and Appearance Determine the Antioxidant Capacity of Arabinoxylanoligosaccharides. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 10173-10182.	2.4	37
2206	Adipokinetic hormone counteracts oxidative stress elicited in insects by hydrogen peroxide: <i>in vivo</i> and <i>in vitro</i> study. <i>Physiological Entomology</i> , 2013, 38, 54-62.	0.6	22
2207	Piperine impairs cell cycle progression and causes reactive oxygen species-dependent apoptosis in rectal cancer cells. <i>Experimental and Molecular Pathology</i> , 2013, 94, 109-114.	0.9	76
2208	The complex interplay of iron metabolism, reactive oxygen species, and reactive nitrogen species: Insights into the potential of various iron therapies to induce oxidative and nitrosative stress. <i>Free Radical Biology and Medicine</i> , 2013, 65, 1174-1194.	1.3	334
2209	Antioxidant treatment strategies for hyperphenylalaninemia. <i>Metabolic Brain Disease</i> , 2013, 28, 541-550.	1.4	14
2210	Antioxidant of protein hydrolysates produced from eel head by enzymatic hydrolysis. , 2013, , .		0

#	ARTICLE	IF	CITATIONS
2211	Differential expression of HSP90 α and heme oxygenase in cord blood RBC during preeclampsia. <i>Toxicology Mechanisms and Methods</i> , 2013, 23, 113-119.	1.3	5
2212	Evaluation of trace elements, oxidant/antioxidant status, vitamin C and β -carotene in dogs with dermatophytosis. <i>Mycoses</i> , 2014, 57, 358-365.	1.8	16
2213	Cancer chemoprevention: a rapidly evolving field. <i>British Journal of Cancer</i> , 2013, 109, 1-7.	2.9	298
2214	Phytochemical characterization and antioxidant properties of baby-leaf watercress produced under organic production system. <i>CYTA - Journal of Food</i> , 2013, 11, 343-351.	0.9	54
2215	Variability in oxidative stress biomarkers following a maximal exercise test. <i>Biomarkers</i> , 2013, 18, 446-454.	0.9	27
2216	Copper(ii)-human amylin complex protects pancreatic cells from amylin toxicity. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 12558.	1.3	50
2217	Lymphocyte Cu/ZnSOD and MnSOD Gene Expression Responses to Intensive Endurance Soccer Training. <i>Biotechnology and Biotechnological Equipment</i> , 2013, 27, 3843-3847.	0.5	3
2218	Total phenolic content, antiradical and antioxidant activities of wild and cultivated <i>Rumex acetosella</i> L. extracts. <i>Biological Agriculture and Horticulture</i> , 2013, 29, 219-226.	0.5	18
2219	Investigation of antigenotoxic potential of <i>Syzygium cumini</i> extract (SCE) on cyclophosphamide-induced genotoxicity and oxidative stress in mice. <i>Drug and Chemical Toxicology</i> , 2013, 36, 396-402.	1.2	16
2220	Hace1 controls ROS generation of vertebrate Rac1-dependent NADPH oxidase complexes. <i>Nature Communications</i> , 2013, 4, 2180.	5.8	94
2221	Antioxidative potential of folate producing probiotic <i>Lactobacillus helveticus</i> CD6. <i>Journal of Food Science and Technology</i> , 2013, 50, 26-34.	1.4	88
2222	In vitro and in vivo antioxidant activity of ethanolic extract of white button mushroom (<i>Agaricus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 229	1.8	229
2223	The phenolic content and antioxidant activity of infusions from Mediterranean medicinal plants. <i>Industrial Crops and Products</i> , 2013, 43, 465-471.	2.5	89
2224	AMP-activated protein kinase inhibits TGF- β ² , angiotensin II-, aldosterone-, high glucose-, and albumin-induced epithelial-mesenchymal transition. <i>American Journal of Physiology - Renal Physiology</i> , 2013, 304, F686-F697.	1.3	102
2225	Phytochemical characterization and in vitro antioxidant properties of <i>Lantana camara</i> L. and <i>Lantana montevidensis</i> Briq. <i>Industrial Crops and Products</i> , 2013, 43, 517-522.	2.5	14
2226	Redox Control of Cardiac Excitability. <i>Antioxidants and Redox Signaling</i> , 2013, 18, 432-468.	2.5	56
2227	Antimicrobial enzymes: An emerging strategy to fight microbes and microbial biofilms. <i>Biotechnology Journal</i> , 2013, 8, 97-109.	1.8	249
2228	EC50 estimation of antioxidant activity in DPPH assay using several statistical programs. <i>Food Chemistry</i> , 2013, 138, 414-420.	4.2	282

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2229	Cell Function and Response to Injury. , 2013, , 427-451.		0
2230	Antioxidant activity of indole-based melatonin analogues in erythrocytes and their voltammetric characterization. Journal of Enzyme Inhibition and Medicinal Chemistry, 2013, 28, 1143-1155.	2.5	23
2231	The Thioredoxin System as a Therapeutic Target in Human Health and Disease. Antioxidants and Redox Signaling, 2013, 19, 1266-1303.	2.5	255
2232	The inflammatory response in sepsis. Trends in Immunology, 2013, 34, 129-136.	2.9	406
2233	Chronic Hypoxia Impairs Cytochrome Oxidase Activity Via Oxidative Stress in Selected Fetal Guinea Pig Organs. Reproductive Sciences, 2013, 20, 299-307.	1.1	38
2234	Downregulation of Tumor Growth and Invasion by Redox-Active Nanoparticles. Antioxidants and Redox Signaling, 2013, 19, 765-778.	2.5	167
2235	Evaluation of pesticide-induced oxidative stress from a gene-environment interaction perspective. Toxicology, 2013, 307, 95-102.	2.0	66
2236	Redox Proteomics: Chemical Principles, Methodological Approaches and Biological/Biomedical Promises. Chemical Reviews, 2013, 113, 596-698.	23.0	222
2237	HYDROGEN PEROXIDE AND ECDYSONE IN THE CRYOPROTECTIVE DEHYDRATION STRATEGY OF <i>Megaphorura Arctica</i> (ONYCHIURIDAE: COLLEMBOLA). Archives of Insect Biochemistry and Physiology, 2013, 82, 59-70.	0.6	5
2238	Mitochondrial glutathione: Features, regulation and role in disease. Biochimica Et Biophysica Acta - General Subjects, 2013, 1830, 3317-3328.	1.1	160
2239	The Tumor Microenvironment: Characterization, Redox Considerations, and Novel Approaches for Reactive Oxygen Species-Targeted Gene Therapy. Antioxidants and Redox Signaling, 2013, 19, 854-895.	2.5	97
2240	Effects of novel neuroprotective and neurorestorative multifunctional drugs on iron chelation and glucose metabolism. Journal of Neural Transmission, 2013, 120, 37-48.	1.4	16
2241	The promise of N-acetylcysteine in neuropsychiatry. Trends in Pharmacological Sciences, 2013, 34, 167-177.	4.0	359
2242	Oxidative stress in surgery in an ageing population: Pathophysiology and therapy. Experimental Gerontology, 2013, 48, 45-54.	1.2	81
2243	Chemical Composition, Antioxidative and Anti-Inflammatory Activity of Extracts Prepared from Aerial Parts of <i>Oenothera biennis</i> L. and <i>Oenothera paradoxa</i> Hudziok Obtained after Seeds Cultivation. Journal of Agricultural and Food Chemistry, 2013, 61, 801-810.	2.4	75
2244	The Impact of Structure on Oxidatively Generated DNA Damage Products Resulting from the C3-thymidiny Radical. ChemBioChem, 2013, 14, 187-190.	1.3	7
2245	Dietary lipid-induced changes in enzymes of hepatic lipid metabolism. Nutrition, 2013, 29, 462-469.	1.1	7
2246	Chemical composition and antioxidant activity of dried powder formulations of <i>Agaricus blazei</i> and <i>Lentinus edodes</i> . Food Chemistry, 2013, 138, 2168-2173.	4.2	97

#	ARTICLE	IF	CITATIONS
2247	Intra- and extracellular antioxidant capacities of the new water-soluble form of curcumin (NDS27) on stimulated neutrophils and HL-60 cells. <i>Chemico-Biological Interactions</i> , 2013, 201, 49-57.	1.7	28
2248	The aryl hydrocarbon receptor nuclear translocator (ARNT) modulates the antioxidant response in AML cells. <i>Leukemia Research</i> , 2013, 37, 1750-1756.	0.4	14
2249	Oxidative stress, polyunsaturated fatty acids derived oxidation products and bisretinoids as potential inducers of CNS diseases: focus on age-related macular degeneration. <i>Pharmacological Reports</i> , 2013, 65, 288-304.	1.5	120
2250	Anthraquinone profile, antioxidant and antimicrobial activity of bark extracts of <i>Rhamnus alaternus</i> , <i>R. fallax</i> , <i>R. intermedia</i> and <i>R. pumila</i> . <i>Food Chemistry</i> , 2013, 136, 335-341.	4.2	68
2251	Extraction, antioxidant capacity and identification of Semen Astragali Complanati (<i>Astragalus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 582	4.2	26
2252	Antiproliferative Effect of H ₂ O ₂ against Human Acute Myelogenous Leukemia KG1 Cell Line. <i>JAMS Journal of Acupuncture and Meridian Studies</i> , 2013, 6, 134-141.	0.3	2
2253	Evaluation of micronuclei in mice bone marrow and antioxidant systems in erythrocytes exposed to Î±-amanitin. <i>Toxicon</i> , 2013, 63, 147-153.	0.8	8
2254	Production of reactive oxygen species by withaferin A causes loss of type collagen expression and COX-2 expression through the PI3K/Akt, p38, and JNK pathways in rabbit articular chondrocytes. <i>Experimental Cell Research</i> , 2013, 319, 2822-2834.	1.2	52
2255	Apigenin, a Bioactive Flavonoid from <i>Lycopodium clavatum</i> , Stimulates Nucleotide Excision Repair Genes to Protect Skin Keratinocytes from Ultraviolet B-Induced Reactive Oxygen Species and DNA Damage. <i>JAMS Journal of Acupuncture and Meridian Studies</i> , 2013, 6, 252-262.	0.3	59
2256	Antioxidant activity of newly discovered lineage of marine actinobacteria. <i>Asian Pacific Journal of Tropical Medicine</i> , 2013, 6, 325-332.	0.4	42
2257	Evaluation of in vitro free radical scavenging potential of <i>Streptomyces</i> sp. AM-S1 culture filtrate. <i>Saudi Journal of Biological Sciences</i> , 2013, 20, 227-233.	1.8	20
2258	Involvement of Nrf2 signaling pathway in the neuroprotective activity of natural kaurane diterpenes. <i>Neuroscience</i> , 2013, 231, 400-412.	1.1	17
2259	Chemical composition and antioxidant activities in immunosuppressed mice of polysaccharides isolated from <i>Mosla chinensis</i> Maxim cv. jiangxiangru. <i>International Immunopharmacology</i> , 2013, 17, 267-274.	1.7	27
2260	Effect of Light at Night on oxidative stress markers in Golden spiny mice (<i>Acomys russatus</i>) liver. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2013, 165, 353-357.	0.8	9
2261	Hepatoprotective effect of peptic hydrolysate from salmon pectoral fin protein byproducts on ethanol-induced oxidative stress in Spragueâ€“Dawley rats. <i>Food Research International</i> , 2013, 51, 648-653.	2.9	18
2262	Effect of myeloperoxidase and anoxia/reoxygenation on mitochondrial respiratory function of cultured primary equine skeletal myoblasts. <i>Mitochondrion</i> , 2013, 13, 410-416.	1.6	8
2263	Genotoxic effects of exposure to waterborne uranium, dietary methylmercury and hyperoxia in zebrafish assessed by the quantitative RAPD-PCR method. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2013, 755, 55-60.	0.9	22
2264	Oxidative stress markers in affective disorders. <i>Pharmacological Reports</i> , 2013, 65, 1558-1571.	1.5	110

#	ARTICLE	IF	CITATIONS
2265	Effects of Hydrogen-rich Saline on Rats with Acute Carbon Monoxide Poisoning. <i>Journal of Emergency Medicine</i> , 2013, 44, 107-115.	0.3	28
2266	Heme oxygenase-1 (HO-1) upregulation delays morphological and oxidative damage induced in an excitotoxic/pro-oxidant model in the rat striatum. <i>Neuroscience</i> , 2013, 231, 91-101.	1.1	31
2267	Modulation of melanogenesis and antioxidant defense system in melanocytes by amikacin. <i>Toxicology in Vitro</i> , 2013, 27, 1102-1108.	1.1	28
2268	Cadmium induces ultrastructural changes in the hepatopancreas of the freshwater crab <i>Sinopotamon henanense</i> . <i>Micron</i> , 2013, 47, 24-32.	1.1	24
2269	Effect of β -N-methylamino-L-alanine on oxidative stress of liver and kidney in rat. <i>Environmental Toxicology and Pharmacology</i> , 2013, 35, 193-199.	2.0	17
2270	Toll-like receptor 4 is involved in myocardial damage following paraquat poisoning in mice. <i>Toxicology</i> , 2013, 312, 115-122.	2.0	24
2271	Biochemical Markers of Aging for Longitudinal Studies in Humans. <i>Epidemiologic Reviews</i> , 2013, 35, 132-151.	1.3	62
2272	Role of AMP-Activated Protein Kinase in Ferritin H Gene Expression by Resveratrol in Human T Cells. <i>Biochemistry</i> , 2013, 52, 5075-5083.	1.2	24
2273	Oxidative stress associated to dysfunctional adipose tissue: a potential link between obesity, type 2 diabetes mellitus and breast cancer. <i>Free Radical Research</i> , 2013, 47, 243-256.	1.5	111
2274	The apelin receptor APJ: journey from an orphan to a multifaceted regulator of homeostasis. <i>Journal of Endocrinology</i> , 2013, 219, R13-R35.	1.2	268
2275	High-fat feeding, but not strenuous exercise, increases blood oxidative stress in trained men. <i>Applied Physiology, Nutrition and Metabolism</i> , 2013, 38, 33-41.	0.9	18
2276	90 kDa ribosomal S6 kinase 1 is inhibited by S-nitrosylated glutathionylation of its active site cysteine residue during oxidative stress. <i>FEBS Letters</i> , 2013, 587, 1681-1686.	1.3	10
2277	Tartary buckwheat improves cognition and memory function in an in vivo amyloid- β -induced Alzheimer model. <i>Food and Chemical Toxicology</i> , 2013, 53, 105-111.	1.8	48
2278	Low level of hydrogen peroxide induces lipid synthesis in BRL-3A cells through a CAP-independent SREBP-1a activation. <i>International Journal of Biochemistry and Cell Biology</i> , 2013, 45, 1419-1426.	1.2	16
2279	Synthesis and biological evaluation of berberine-thiophenyl hybrids as multi-functional agents: Inhibition of acetylcholinesterase, butyrylcholinesterase, and $A\beta$ aggregation and antioxidant activity. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 5830-5840.	1.4	44
2280	Superoxide dictates the mode of U937 cell ascorbic acid uptake and prevents the enhancing effects of the vitamin to otherwise nontoxic levels of reactive oxygen/nitrogen species. <i>Journal of Nutritional Biochemistry</i> , 2013, 24, 467-474.	1.9	14
2281	Preparation, characterization and antioxidant activity of phenolic acids grafted carboxymethyl chitosan. <i>International Journal of Biological Macromolecules</i> , 2013, 62, 85-93.	3.6	149
2282	Oxidative stress mediates apoptotic effects of ascorbate and dehydroascorbate in human Myelodysplasia cells in vitro. <i>Toxicology in Vitro</i> , 2013, 27, 1542-1549.	1.1	13

#	ARTICLE	IF	CITATIONS
2283	Potential of polyphenols from an aqueous extract of apple peel as inhibitors of free radicals: An experimental and computational study. <i>Journal of Molecular Structure</i> , 2013, 1035, 61-68.	1.8	13
2284	Oxidative and nitrosative stress and apoptosis in oral mucosa cells after ex vivo exposure to lead and benzo[a]pyrene. <i>Toxicology in Vitro</i> , 2013, 27, 915-921.	1.1	15
2285	Accelerated Mice Skin Acute Wound Healing In Vivo by Combined Treatment of Argon and Helium Plasma Needle. <i>Archives of Medical Research</i> , 2013, 44, 169-177.	1.5	81
2286	Copper/zinc superoxide dismutase-deficient mice show increased susceptibility to experimental autoimmune encephalomyelitis induced with myelin oligodendrocyte glycoprotein 35. <i>Journal of Neuroimmunology</i> , 2013, 256, 19-27.	1.1	7
2287	Integrin-linked kinase mediates the hydrogen peroxide-dependent transforming growth factor- β 1 up-regulation. <i>Free Radical Biology and Medicine</i> , 2013, 61, 416-427.	1.3	22
2288	PPAR α and Diosgenin a chemico biological insight in NIDDM. <i>Chemico-Biological Interactions</i> , 2013, 206, 403-410.	1.7	36
2289	ROS-major mediators of extracellular matrix remodeling during tumor progression. <i>Food and Chemical Toxicology</i> , 2013, 61, 178-186.	1.8	62
2290	The antioxidant and cytoprotective activity of <i>Ocimum gratissimum</i> extracts against hydrogen peroxide-induced toxicity in human HepG2 cells. <i>Journal of Food and Drug Analysis</i> , 2013, 21, 253-260.	0.9	35
2291	<i>Trichilia catigua</i> (Catuaba) bark extract exerts neuroprotection against oxidative stress induced by different neurotoxic agents in rat hippocampal slices. <i>Industrial Crops and Products</i> , 2013, 50, 625-632.	2.5	29
2292	Effect of reactive oxygen species overproduction on osteogenesis of porous titanium implant in the present of diabetes mellitus. <i>Biomaterials</i> , 2013, 34, 2234-2243.	5.7	91
2293	Effects of lamotrigine on behavior, oxidative parameters and signaling cascades in rats exposed to the chronic mild stress model. <i>Neuroscience Research</i> , 2013, 75, 324-330.	1.0	29
2294	Antioxidant properties of (R)-Se-aryl thiazolidine-4-carboselenoate. <i>Chemico-Biological Interactions</i> , 2013, 205, 100-107.	1.7	28
2295	Hepatoprotective and antioxidant capacity of <i>Melochia corchorifolia</i> extracts. <i>Asian Pacific Journal of Tropical Medicine</i> , 2013, 6, 537-543.	0.4	22
2296	The SOD mimic MnTM-2-PyP(5+) reduces hyaluronan degradation-induced inflammation in mouse articular chondrocytes stimulated with Fe (II) plus ascorbate. <i>International Journal of Biochemistry and Cell Biology</i> , 2013, 45, 1610-1619.	1.2	21
2297	Anti-inflammatory effects of an aqueous extract of Welsh onion green leaves in mice. <i>Food Chemistry</i> , 2013, 138, 751-756.	4.2	54
2298	Optimized Analysis of Organic Acids in Edible Mushrooms from Portugal by Ultra Fast Liquid Chromatography and Photodiode Array Detection. <i>Food Analytical Methods</i> , 2013, 6, 309-316.	1.3	142
2299	Oxidative stress: a systemic factor implicated in the pathogenesis of hepatic encephalopathy. <i>Metabolic Brain Disease</i> , 2013, 28, 175-178.	1.4	81
2300	Synthesis and dual biological effects of hydroxycinnamoyl phenylalanyl/prolyl hydroxamic acid derivatives as tyrosinase inhibitor and antioxidant. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 1136-1142.	1.0	39

#	ARTICLE	IF	CITATIONS
2301	Mitochondrial DNA Oxidative Damage and Repair in Aging and Alzheimer's Disease. <i>Antioxidants and Redox Signaling</i> , 2013, 18, 2444-2457.	2.5	138
2302	Proliferation of fibroblasts and endothelial cells is enhanced by treatment with <i>Phyllocaulis boraceiensis</i> mucus. <i>Cell Proliferation</i> , 2013, 46, 97-108.	2.4	12
2303	Tunable and dynamic soft materials for three-dimensional cell culture. <i>Soft Matter</i> , 2013, 9, 6737-6746.	1.2	29
2304	Interplay between Hepatitis C Virus and Redox Cell Signaling. <i>International Journal of Molecular Sciences</i> , 2013, 14, 4705-4721.	1.8	24
2306	Thioredoxin-mediated redox regulation of resistance to endocrine therapy in breast cancer. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2013, 1836, 60-79.	3.3	32
2307	Cardioprotective Role of <i>Syzygium cumini</i> Against Glucose-Induced Oxidative Stress in H9C2 Cardiac Myocytes. <i>Cardiovascular Toxicology</i> , 2013, 13, 278-289.	1.1	48
2308	Protection from antimycin A-induced mitochondrial dysfunction by <i>Nelumbo nucifera</i> seed extracts. <i>Environmental Toxicology and Pharmacology</i> , 2013, 36, 19-29.	2.0	8
2309	Mitochondria as a Source of Reactive Oxygen and Nitrogen Species: From Molecular Mechanisms to Human Health. <i>Antioxidants and Redox Signaling</i> , 2013, 18, 2029-2074.	2.5	344
2310	Comprehensive evaluation of biogenic amines and related drugs'™ antiradical activity using reactive 2,2-diphenyl-1-picrylhydrazyl (DPPH) radical. <i>Open Chemistry</i> , 2013, 11, 679-688.	1.0	14
2311	Free radicals, antioxidant defense systems, and schizophrenia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2013, 46, 200-206.	2.5	299
2312	Macrophage Scavenger Receptor A Promotes Tumor Progression in Murine Models of Ovarian and Pancreatic Cancer. <i>Journal of Immunology</i> , 2013, 190, 3798-3805.	0.4	107
2313	Heat Stress and Immune Function. , 2013, , 113-136.		10
2314	Hepatic, testicular and spermatozoa antioxidant status in rats chronically treated with <i>Garcinia kolaseed</i> . <i>Journal of Ethnopharmacology</i> , 2013, 146, 536-542.	2.0	37
2315	Inhibition of 6-Hydroxydopamine-Induced PC12 Cell Apoptosis by Olive (<i>Olea europaea</i> L.) Leaf Extract Is Performed by Its Main Component Oleuropein. <i>Rejuvenation Research</i> , 2013, 16, 134-142.	0.9	64
2316	Quantum dots on electrodes" new tools for bioelectroanalysis. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 3739-3752.	1.9	62
2317	Oxidative stress: the mitochondria-dependent and mitochondria-independent pathways of apoptosis. <i>Archives of Toxicology</i> , 2013, 87, 1157-1180.	1.9	1,243
2318	Glutathione Dimerization-Based Plasmonic Nanoswitch for Biodetection of Reactive Oxygen and Nitrogen Species. <i>ACS Nano</i> , 2013, 7, 2221-2230.	7.3	48
2319	Green tea supplementation increases glutathione and plasma antioxidant capacity in adults with the metabolic syndrome. <i>Nutrition Research</i> , 2013, 33, 180-187.	1.3	86

#	ARTICLE	IF	CITATIONS
2320	Aspirin Inhibits Oxidant Stress, Reduces Age-Associated Functional Declines, and Extends Lifespan of <i>Caenorhabditis elegans</i> . <i>Antioxidants and Redox Signaling</i> , 2013, 18, 481-490.	2.5	98
2321	Nickel-regulated heart rate variability: The roles of oxidative stress and inflammation. <i>Toxicology and Applied Pharmacology</i> , 2013, 266, 298-306.	1.3	32
2322	Changes in phenolic metabolism in salicylic acid-treated shoots of <i>Cistus heterophyllus</i> . <i>Plant Cell, Tissue and Organ Culture</i> , 2013, 113, 417-427.	1.2	32
2323	Modelling the hypersensitivity of cancer cells to infra-red laser pulse: breaking ROS defence machinery. <i>Proceedings of SPIE</i> , 2013, , .	0.8	3
2324	Health effects of olive oil polyphenols: Recent advances and possibilities for the use of health claims. <i>Molecular Nutrition and Food Research</i> , 2013, 57, 760-771.	1.5	216
2325	Î±-Glucosidase inhibitory terpenoids from <i>Potentilla fulgens</i> and their quantitative estimation by validated HPLC method. <i>Journal of Functional Foods</i> , 2013, 5, 1135-1141.	1.6	46
2326	Postnatal exposure to chromium through mother's milk accelerates follicular atresia in F1 offspring through increased oxidative stress and depletion of antioxidant enzymes. <i>Free Radical Biology and Medicine</i> , 2013, 61, 179-196.	1.3	37
2327	Oxidative stress in patients with cardiovascular disease and chronic renal failure. <i>Free Radical Research</i> , 2013, 47, 346-356.	1.5	124
2328	Role of redox metabolism for adaptation of aquatic animals to drastic changes in oxygen availability. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2013, 165, 384-404.	0.8	148
2329	Circadian Rhythm Connections to Oxidative Stress: Implications for Human Health. <i>Antioxidants and Redox Signaling</i> , 2013, 19, 192-208.	2.5	218
2330	Antioxidant and Anti-inflammatory Meroterpenoids from the Brown Alga <i>Cystoseira usneoides</i> . <i>Journal of Natural Products</i> , 2013, 76, 621-629.	1.5	37
2333	Surface plasmon enhanced drug efficacy using core-shell Au@SiO ₂ nanoparticle carrier. <i>Nanoscale</i> , 2013, 5, 3406.	2.8	30
2334	Protection by Taurine and Thiotaaurine Against Biochemical and Cellular Alterations Induced by Diabetes in a Rat Model. <i>Advances in Experimental Medicine and Biology</i> , 2013, 775, 321-343.	0.8	22
2335	Antioxidant enzyme activity in pacific whiteleg shrimp (<i>Litopenaeus vannamei</i>) in response to infection with white spot syndrome virus. <i>Aquaculture</i> , 2013, 380-383, 41-46.	1.7	84
2336	Prostate cancer and physical activity: Adaptive response to oxidative stress. <i>Free Radical Biology and Medicine</i> , 2013, 60, 115-124.	1.3	33
2337	Salen, reduced salen and N-alkylated salen type compounds: Spectral characterization, theoretical investigation and biological studies. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 104, 300-309.	2.0	37
2338	Spectral Marker for C [±] Damage in Beta Peptides. <i>Journal of Physical Chemistry A</i> , 2013, 117, 550-565.	1.1	8
2339	Exercising the worry away: How inflammation, oxidative and nitrogen stress mediates the beneficial effect of physical activity on anxiety disorder symptoms and behaviours. <i>Neuroscience and Biobehavioral Reviews</i> , 2013, 37, 573-584.	2.9	115

#	ARTICLE	IF	CITATIONS
2340	Valeriana officinalis attenuates the rotenone-induced toxicity in <i>Drosophila melanogaster</i> . <i>NeuroToxicology</i> , 2013, 37, 118-126.	1.4	96
2341	Substrate-free Determination of the Radical Scavenging Activity of Phenolic Compounds by Photochemical Generation of Hydroxyl Radicals and HPLC-UV Detection. <i>Separation Science and Technology</i> , 2013, 48, 1123-1131.	1.3	6
2342	Significance of Metabolic Stress, Lipid Mobilization, and Inflammation on Transition Cow Disorders. <i>Veterinary Clinics of North America - Food Animal Practice</i> , 2013, 29, 267-278.	0.5	257
2343	Potential Efficacy of Broccoli Sprouts as a Unique Supplement for Management of Type 2 Diabetes and Its Complications. <i>Journal of Medicinal Food</i> , 2013, 16, 375-382.	0.8	77
2344	Activation of ERK signaling and induction of colon cancer cell death by piperlongumine. <i>Toxicology in Vitro</i> , 2013, 27, 1626-1633.	1.1	88
2345	Lifestyle and nutritional imbalances associated with Western diseases: causes and consequences of chronic systemic low-grade inflammation in an evolutionary context. <i>Journal of Nutritional Biochemistry</i> , 2013, 24, 1183-1201.	1.9	167
2346	Effects of β -alanine administration on selected parameters of oxidative stress and phosphoryltransfer network in cerebral cortex and cerebellum of rats. <i>Molecular and Cellular Biochemistry</i> , 2013, 380, 161-170.	1.4	19
2347	Oxidant/Antioxidant Status in Cases of Snake Bite. <i>Journal of Emergency Medicine</i> , 2013, 45, 39-45.	0.3	7
2348	An overview of the chemistry and biology of reactive aldehydes. <i>Free Radical Biology and Medicine</i> , 2013, 59, 85-91.	1.3	181
2349	Tocopherol Activity Correlates with Its Location in a Membrane: A New Perspective on the Antioxidant Vitamin E. <i>Journal of the American Chemical Society</i> , 2013, 135, 7523-7533.	6.6	114
2350	Antioxidant and Metabolite Profiling of North American and Neotropical Blueberries Using LC-TOF-MS and Multivariate Analyses. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 3548-3559.	2.4	43
2351	Carvedilol alleviates adjuvant-induced arthritis and subcutaneous air pouch edema: Modulation of oxidative stress and inflammatory mediators. <i>Toxicology and Applied Pharmacology</i> , 2013, 268, 241-248.	1.3	51
2352	Novel 2-(2,4-dioxo-1,3-thiazolidin-5-yl)acetamides as antioxidant and/or anti-inflammatory compounds. <i>European Journal of Medicinal Chemistry</i> , 2013, 66, 305-313.	2.6	57
2353	<i>Carthamus red</i> from <i>Carthamus tinctorius</i> L. exerts antioxidant and hepatoprotective effect against CCl ₄ -induced liver damage in rats via the Nrf2 pathway. <i>Journal of Ethnopharmacology</i> , 2013, 148, 570-578.	2.0	67
2354	Permeability Effects on the Efficiency of Antioxidant Nanoreactors. <i>Biomacromolecules</i> , 2013, 14, 2364-2372.	2.6	83
2355	Dimerumic acid, a novel antioxidant identified from <i>Monascus</i> -fermented products exerts chemoprotective effects: Mini review. <i>Journal of Functional Foods</i> , 2013, 5, 2-9.	1.6	25
2356	A Robust Mn Catalyst for H ₂ O ₂ Disproportionation in Aqueous Solution. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 3867-3873.	1.0	24
2357	The relationship between the structure and biological actions of green tea catechins. <i>Food Chemistry</i> , 2013, 141, 3282-3289.	4.2	166

#	ARTICLE	IF	CITATIONS
2358	Nutrition and Stress. , 2013, , 347-367.		2
2359	Healthy aging and age-adjusted nutrition and physical fitness. Best Practice and Research in Clinical Obstetrics and Gynaecology, 2013, 27, 741-752.	1.4	22
2360	Relative Antioxidant Activities of Quercetin and Its Structurally Related Substances and Their Effects on NF- κ B/CRE/AP-1 Signaling in Murine Macrophages. Molecules and Cells, 2013, 35, 410-420.	1.0	46
2361	In Vitro Approaches To Evaluate Toxicity Induced by Organotin Compounds Tributyltin (TBT), Dibutyltin (DBT), and Monobutyltin (MBT) in Neuroblastoma Cells. Journal of Agricultural and Food Chemistry, 2013, 61, 4195-4203.	2.4	30
2362	Pleiotropic antioxidant potential of rosuvastatin in preventing cardiovascular disorders. European Journal of Pharmacology, 2013, 711, 57-62.	1.7	31
2363	Mapping the Biological Oxidative Damage of Engineered Nanomaterials. Small, 2013, 9, 1853-1865.	5.2	58
2364	Supra-physiological doses of testosterone affect membrane oxidation of human neutrophils monitored by the fluorescent probe C11-BODIPY581/591. European Journal of Applied Physiology, 2013, 113, 1241-1248.	1.2	8
2365	Age-related changes in nitric oxide activity, cyclic GMP, and TBARS levels in platelets and erythrocytes reflect the oxidative status in central nervous system. Age, 2013, 35, 331-342.	3.0	24
2366	Highly Reactive <i>trans</i> -Cyclooctene Tags with Improved Stability for Diels- α -Alder Chemistry in Living Systems. Bioconjugate Chemistry, 2013, 24, 1210-1217.	1.8	218
2367	Differential growth inhibition of cancer cell lines and antioxidant activity of extracts of red, brown, and green marine algae. In Vitro Cellular and Developmental Biology - Animal, 2013, 49, 324-334.	0.7	38
2368	A traditional Chinese medicine JiuHuangLian (Rhizoma coptidis steamed with rice wine) reduces oxidative stress injury in type 2 diabetic rats. Food and Chemical Toxicology, 2013, 59, 222-229.	1.8	23
2369	Willow bark extract increases antioxidant enzymes and reduces oxidative stress through activation of Nrf2 in vascular endothelial cells and Caenorhabditis elegans. Free Radical Biology and Medicine, 2013, 65, 1506-1515.	1.3	53
2370	New anti-inflammatory thiazolyl-carbonyl-thiosemicarbazides and thiazolyl-azoles with antioxidant properties as potential iNOS inhibitors. Archives of Pharmacal Research, 2013, 36, 702-714.	2.7	26
2371	The interdependence of the reactive species of oxygen, nitrogen, and carbon. Journal of Physiology and Biochemistry, 2013, 69, 147-154.	1.3	35
2372	Acute restraint stress induces rapid and prolonged changes in erythrocyte and hippocampal redox status. Psychoneuroendocrinology, 2013, 38, 2511-2519.	1.3	29
2373	Zinc oxide nanoparticles decrease the expression and activity of plasma membrane calcium ATPase, disrupt the intracellular calcium homeostasis in rat retinal ganglion cells. International Journal of Biochemistry and Cell Biology, 2013, 45, 1849-1859.	1.2	59
2374	Antimicrobial strategies centered around reactive oxygen species α bactericidal antibiotics, photodynamic therapy, and beyond. FEMS Microbiology Reviews, 2013, 37, 955-989.	3.9	785
2375	Cancer Predisposition in Diabetic Patients: Risk Assessment and Targeted Preventive Measures. Advances in Predictive, Preventive and Personalised Medicine, 2013, , 355-370.	0.6	2

#	ARTICLE	IF	CITATIONS
2376	Hepatocellular carcinoma patients with increased oxidative stress levels are prone to recurrence after curative treatment: a prospective case series study using the d-ROM test. <i>Journal of Cancer Research and Clinical Oncology</i> , 2013, 139, 845-852.	1.2	43
2377	Stress During the Pre-pubertal Period Leads to Long-Term Diet-Dependent Changes in Anxiety-Like Behavior and in Oxidative Stress Parameters in Male Adult Rats. <i>Neurochemical Research</i> , 2013, 38, 1791-1800.	1.6	7
2378	Cellular, Molecular, and Biological Perspective of Polyphenols in Chemoprevention and Therapeutic Adjunct in Cancer. , 2013, , 2175-2254.		5
2379	Puerarin mediates hepatoprotection against CCl ₄ -induced hepatic fibrosis rats through attenuation of inflammation response and amelioration of metabolic function. <i>Food and Chemical Toxicology</i> , 2013, 52, 69-75.	1.8	81
2380	Promising effects on ameliorating mitochondrial function and enhancing Akt signaling in SH-SY5Y cells by (M)-bicelaphanol A, a novel dimeric podocarpane type trinorditerpene isolated from <i>Celastrus orbiculatus</i> . <i>Phytomedicine</i> , 2013, 20, 1064-1070.	2.3	20
2381	Gold nanoparticles: A paradigm shift in biomedical applications. <i>Advances in Colloid and Interface Science</i> , 2013, 199-200, 44-58.	7.0	143
2382	Antitumor properties of a vanadyl(IV) complex with the flavonoid chrysin [VO(chrysin) ₂ EtOH] ₂ in a human osteosarcoma model: the role of oxidative stress and apoptosis. <i>Dalton Transactions</i> , 2013, 42, 11868.	1.6	72
2383	Feasibility for Microwaves Energy to Affect Biological Systems Via Nonthermal Mechanisms: A Systematic Approach. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2013, 61, 2031-2045.	2.9	84
2384	Oxidative stress causes epigenetic alteration of CDX1 expression in colorectal cancer cells. <i>Gene</i> , 2013, 524, 214-219.	1.0	72
2385	Enrichment and antioxidant properties of flavone C-glycosides from trollflowers using macroporous resin. <i>Food Chemistry</i> , 2013, 141, 533-541.	4.2	47
2386	Irrigation of <i>Solanum lycopersicum</i> L. with magnetically treated water increases antioxidant properties of its tomato fruits. <i>Electromagnetic Biology and Medicine</i> , 2013, 32, 355-362.	0.7	4
2387	Dietary Intake of Natural Antioxidants: Vitamins and Polyphenols. <i>Critical Reviews in Food Science and Nutrition</i> , 2013, 53, 706-721.	5.4	148
2388	Bond dissociation free energy as a general parameter for flavonoid radical scavenging activity. <i>Food Chemistry</i> , 2013, 141, 1562-1570.	4.2	78
2389	Elevated blood plasma antioxidant status is favourable for achieving IVF/ICSI pregnancy. <i>Reproductive BioMedicine Online</i> , 2013, 26, 345-352.	1.1	37
2390	Î±-Glucosidase and Î±-amylase inhibitory constituent of <i>Carex baccans</i> : Bio-assay guided isolation and quantification by validated RP-HPLC-MS/MS. <i>Journal of Functional Foods</i> , 2013, 5, 211-218.	1.6	42
2391	Sulforaphane enhances Nrf2 expression in prostate cancer TRAMP C1 cells through epigenetic regulation. <i>Biochemical Pharmacology</i> , 2013, 85, 1398-1404.	2.0	174
2392	Role of <i>Moringa oleifera</i> in regulation of diabetes-induced oxidative stress. <i>Asian Pacific Journal of Tropical Medicine</i> , 2013, 6, 426-432.	0.4	77
2393	High efficiency versus maximal performance – The cause of oxidative stress in eukaryotes: A hypothesis. <i>Mitochondrion</i> , 2013, 13, 1-6.	1.6	39

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2394	Antioxidant and Anti-inflammatory <i>in Vitro</i> Activities of Phenolic Compounds from Tropical Highland Blackberry (<i>Rubus adenotrichos</i>). Journal of Agricultural and Food Chemistry, 2013, 61, 5798-5804.	2.4	31
2395	Biomarkers of oxidative stress in women with pre-eclampsia. Biomarkers in Medicine, 2013, 7, 229-234.	0.6	15
2396	Targeting mitochondria in the infection strategy of the hepatitis C virus. International Journal of Biochemistry and Cell Biology, 2013, 45, 156-166.	1.2	23
2397	The use of native chemical functional groups presented by wound beds for the covalent attachment of polymeric microcarriers of bioactive factors. Biomaterials, 2013, 34, 340-352.	5.7	25
2398	Membrane lipids and nuclear DNA are differently susceptible to Fenton reaction substrates in porcine thyroid. Toxicology in Vitro, 2013, 27, 71-78.	1.1	18
2399	Davallialactone from Mushroom Reduced Premature Senescence and Inflammation on Glucose Oxidative Stress in Human Diploid Fibroblast Cells. Journal of Agricultural and Food Chemistry, 2013, 61, 7089-7095.	2.4	24
2400	Synthesis, Antioxidant, and Antiacetylcholinesterase Activities of Sulfonamide Derivatives of Dopamine-Related Compounds. Archiv Der Pharmazie, 2013, 346, 783-792.	2.1	152
2401	Combined Exposure to 3-Chloro-4-dichloromethyl-5-hydroxy-2(5H)-furanone and Microsytin-LR Increases Genotoxicity in Chinese Hamster Ovary Cells through Oxidative Stress. Environmental Science & Technology, 2013, 47, 130110124508007.	4.6	5
2402	Effects of Fe(II)/H ₂ O ₂ Oxidation on Ubiquitin Conformers Measured by Ion Mobility-Mass Spectrometry. Journal of Physical Chemistry B, 2013, 117, 164-173.	1.2	9
2403	Antioxidant and antibacterial evaluation of honey bee hive extracts using in vitro models. Mediterranean Journal of Nutrition and Metabolism, 2013, 6, 247-253.	0.2	5
2404	The MnSOD Ala16Val SNP: Relevance to human diseases and interaction with environmental factors. Free Radical Research, 2013, 47, 781-792.	1.5	70
2405	Influence of pressurised liquid extraction and solid-liquid extraction methods on the phenolic content and antioxidant activities of Irish macroalgae. International Journal of Food Science and Technology, 2013, 48, 860-869.	1.3	92
2406	Proteomics analysis of tumor microenvironment: Implications of metabolic and oxidative stresses in tumorigenesis. Mass Spectrometry Reviews, 2013, 32, 267-311.	2.8	15
2407	DNA damage and cytotoxicity in adult subjects with prediabetes. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2013, 753, 76-81.	0.9	28
2408	Insights about Î±-tocopherol and Trolox interaction with phosphatidylcholine monolayers under peroxidation conditions through Brewster angle microscopy. Colloids and Surfaces B: Biointerfaces, 2013, 111, 626-635.	2.5	12
2409	Lead exposure results in hearing loss and disruption of the cochlear blood-labyrinth barrier and the protective role of iron supplement. NeuroToxicology, 2013, 39, 173-181.	1.4	34
2410	Interaction between glutathione and apoptosis in systemic lupus erythematosus. Autoimmunity Reviews, 2013, 12, 741-751.	2.5	47
2411	Neurotoxicity of Nigerian bonny light crude oil in rats. Drug and Chemical Toxicology, 2013, 36, 187-195.	1.2	23

#	ARTICLE	IF	CITATIONS
2413	Altered redox state and apoptosis in the pathogenesis of systemic lupus erythematosus. <i>Immunobiology</i> , 2013, 218, 620-627.	0.8	39
2414	Environmental Factors in the First Trimester and Risk of Oral-Facial Clefts in the Offspring. <i>Reproductive Sciences</i> , 2013, 20, 797-803.	1.1	18
2415	Biological Activities of Freshwater Algae, <i>Spirogyra singularis</i> Nordstedt. <i>Journal of Aquatic Food Product Technology</i> , 2013, 22, 58-65.	0.6	22
2416	Oxygen therapy in acute coronary syndrome: are the benefits worth the risk?. <i>European Heart Journal</i> , 2013, 34, 1630-1635.	1.0	47
2417	High glucose enhances HIV entry into T cells through upregulation of CXCR4. <i>Journal of Leukocyte Biology</i> , 2013, 94, 769-777.	1.5	22
2418	Plasma florescent oxidation products and breast cancer risk: repeated measures in the Nursesâ€™ Health Study. <i>Breast Cancer Research and Treatment</i> , 2013, 141, 307-316.	1.1	20
2419	Characterization and Content of Flavonol Derivatives of <i>Allium ursinum</i> L. Plant. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 176-184.	2.4	39
2420	The critical role of catalase in prooxidant and antioxidant function of p53. <i>Cell Death and Differentiation</i> , 2013, 20, 117-129.	5.0	97
2421	Protective effect of <i>Azadirachta indica</i> extract against <i>Eimeria papillata</i> -induced coccidiosis. <i>Parasitology Research</i> , 2013, 112, 101-106.	0.6	44
2422	Overlapped Metabolic and Therapeutic Links between Alzheimer and Diabetes. <i>Molecular Neurobiology</i> , 2013, 47, 399-424.	1.9	71
2423	Oxidative DNA damage is important to the evolution of antibiotic resistance: evidence of mutation bias and its medicinal implications. <i>Journal of Biomolecular Structure and Dynamics</i> , 2013, 31, 729-733.	2.0	12
2424	Influence of Aflatoxin B1 on Oxidoreductive Balance in Renal Tissue of Rats. <i>Bulletin of the Veterinary Institute in Pulawy = Biuletyn Instytutu Weterynarii W Pulawach</i> , 2013, 57, 103-106.	0.4	1
2425	Aerobic Training Workload Affects Human Endothelial Cells Redox Homeostasis. <i>Medicine and Science in Sports and Exercise</i> , 2013, 45, 644-653.	0.2	46
2426	From Resveratrol to Its Derivatives: New Sources of Natural Antioxidant. <i>Current Medicinal Chemistry</i> , 2013, 20, 1005-1017.	1.2	25
2427	DJ-1/park7 protects against neointimal formation via the inhibition of vascular smooth muscle cell growth. <i>Cardiovascular Research</i> , 2013, 97, 553-561.	1.8	31
2428	New targets for the antitumor activity of gambogic acid in hematologic malignancies. <i>Acta Pharmacologica Sinica</i> , 2013, 34, 191-198.	2.8	41
2429	Electrochemical Study of DNA Damaged by Oxidation Stress. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2013, 16, 130-141.	0.6	0
2430	Blood antioxidant enzymes (SOD, GPX), biochemical and haematological parameters in pigs naturally infected with porcine reproductive and respiratory syndrome virus. <i>Polish Journal of Veterinary Sciences</i> , 2013, 16, 369-376.	0.2	25

#	ARTICLE	IF	CITATIONS
2431	Distillation time alters essential oil yield, composition and antioxidant activity of female <i>Juniperus scopulorum</i> trees. <i>Journal of Essential Oil Research</i> , 2013, 25, 62-69.	1.3	31
2432	Electrochemical Approaches Employed for Sensing the Antioxidant Capacity Exhibited by Vegetal Extracts: A Review. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2013, 16, 98-108.	0.6	1
2433	NANOMATERIALS FOR PROTEIN-MEDIATED THERAPY AND DELIVERY. <i>Nano LIFE</i> , 2013, 03, 1343001.	0.6	11
2434	Role of Redox Signaling in Neuroinflammation and Neurodegenerative Diseases. <i>BioMed Research International</i> , 2013, 2013, 1-18.	0.9	286
2435	Oxidative Stress in the Pathogenesis of Colorectal Cancer: Cause or Consequence?. <i>BioMed Research International</i> , 2013, 2013, 1-9.	0.9	162
2436	Protective Effects of Rooibos (<i>Aspalathus linearis</i>) and/or Red Palm Oil (<i>Elaeis</i>) in Wistar Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-19.	0.5	21
2437	Acetonic and Methanolic Extracts of <i>Heterotheca inuloides</i> , and Quercetin, Decrease CCl ₄ -Oxidative Stress in Several Rat Tissues. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-13.	0.5	11
2438	Effect of refinery waste effluent on tocopherol, carotenoid, phenolics and other antioxidants content in <i>Allium cepa</i> . <i>Toxicology and Industrial Health</i> , 2013, 29, 652-661.	0.6	7
2439	Protective Effect of Short-Term Genistein Supplementation on the Early Stage in Diabetes-Induced Renal Damage. <i>Mediators of Inflammation</i> , 2013, 2013, 1-14.	1.4	65
2440	Antioxidant Effects of Quercetin and Naringenin Are Associated with Impaired Neutrophil Microbicidal Activity. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-7.	0.5	24
2441	Effect of induced mild hypothermia on two pro-inflammatory cytokines and oxidative parameters during experimental acute sepsis. <i>Redox Report</i> , 2013, 18, 120-126.	1.4	20
2442	Thearubigins rich black tea fraction reveals strong antioxidant activity. <i>International Journal of Green Pharmacy</i> , 2013, 7, 336.	0.1	7
2443	Oxidative stress markers in intestinal mucosa of Tunisian inflammatory bowel disease patients. <i>Saudi Journal of Gastroenterology</i> , 2013, 19, 131.	0.5	34
2444	The role of tenascin-C and oxidative stress in rheumatic and congenital heart valve diseases: an observational study. <i>Anatolian Journal of Cardiology</i> , 2013, 13, 350-6.	0.4	9
2445	Antioxidant Properties of Brazilian Tropical Fruits by Correlation between Different Assays. <i>BioMed Research International</i> , 2013, 2013, 1-8.	0.9	19
2446	Genetic analysis of 5 α -reductase type 2 enzyme in relation to oxidative stress in cases of androgenetic alopecia in a sample of egyptian population. <i>Nasza Dermatologia Online</i> , 2013, 4, 468-474.	0.0	1
2447	Mechanisms of Tissue Damage—Free Radicals and Fibrosis. , 2013, , 175-189.		0
2448	Targeting the Redox Balance in Inflammatory Skin Conditions. <i>International Journal of Molecular Sciences</i> , 2013, 14, 9126-9167.	1.8	149

#	ARTICLE	IF	CITATIONS
2449	Adrenergic signaling and oxidative stress: a role for sirtuins?. <i>Frontiers in Physiology</i> , 2013, 4, 324.	1.3	74
2450	Reduction in Impulse Noise-Induced Permanent Threshold Shift with Intracochlear Application of an NADPH Oxidase Inhibitor. <i>Journal of the American Academy of Audiology</i> , 2013, 24, 461-473.	0.4	26
2451	Activation of Protease-Activated Receptor 2-Mediated Signaling by Mast Cell Tryptase Modulates Cytokine Production in Primary Cultured Astrocytes. <i>Mediators of Inflammation</i> , 2013, 2013, 1-10.	1.4	27
2452	Cerebrolysin attenuates cerebral and hepatic injury due to lipopolysaccharide in rats. <i>Drug Discoveries and Therapeutics</i> , 2013, 7, 261-71.	0.6	18
2453	Antidiabetic Potential of the Heme Oxygenase-1 Inducer Curcumin Analogues. <i>BioMed Research International</i> , 2013, 2013, 1-7.	0.9	15
2454	The influence of the intensity of smoking and years of work in the metallurgy on pro-oxidant/antioxidant balance in the blood of smelters. <i>Toxicology and Industrial Health</i> , 2013, 29, 149-161.	0.6	19
2455	Does the MRI or MRI contrast medium gadopentetate dimeglumine change the oxidant and antioxidant status in humans?. <i>Acta Radiologica</i> , 2013, 54, 30-34.	0.5	2
2456	The Influence of Micronutrients in Cell Culture: A Reflection on Viability and Genomic Stability. <i>BioMed Research International</i> , 2013, 2013, 1-22.	0.9	85
2457	Effects of Î±-tocopherol and ascorbic acid in the severity and management of traumatic brain injury in albino rats. <i>Journal of Neurosciences in Rural Practice</i> , 2013, 04, 292-297.	0.3	38
2458	Protective role of <i>Nigella sativa</i> against experimentally induced type-II diabetic nuclear damage in Wistar rats. <i>Veterinary World</i> , 2013, 6, 698-702.	0.7	0
2459	Soluble Receptor for Advanced Glycation End-Product (sRAGE)/Pentosidine Ratio: A Potential Risk Factor Determinant for Type 2 Diabetic Retinopathy. <i>International Journal of Molecular Sciences</i> , 2013, 14, 7480-7491.	1.8	17
2460	Insight into a neuron's preferential susceptibility to oxidative stress. <i>Biochemical Society Transactions</i> , 2013, 41, 1541-1545.	1.6	15
2461	High Glucose Level Induces Cardiovascular Dysplasia During Early Embryo Development. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2013, 121, 448-454.	0.6	23
2462	Protective Effect of <i>Paeonia anomala</i> Extracts and Constituents against tert-Butylhydroperoxide-Induced Oxidative Stress in HepG2 Cells. <i>Planta Medica</i> , 2013, 79, 116-122.	0.7	18
2463	Winter-swimming as a building-up body resistance factor inducing adaptive changes in the oxidant/antioxidant status. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2013, 73, 315-325.	0.6	30
2464	The Dendritic Cell Response to Classic, Emerging, and Homeostatic Danger Signals. Implications for Autoimmunity. <i>Frontiers in Immunology</i> , 2013, 4, 138.	2.2	149
2465	Mitochondria and Reactive Oxygen Species: Physiology and Pathophysiology. <i>International Journal of Molecular Sciences</i> , 2013, 14, 6306-6344.	1.8	211
2466	Quinolinic Acid: Neurotoxin or Oxidative Stress Modulator?. <i>International Journal of Molecular Sciences</i> , 2013, 14, 21328-21338.	1.8	32

#	ARTICLE	IF	CITATIONS
2467	Involvement of Calcium-Mediated Reactive Oxygen Species in Inductive GRP78 Expression by Geldanamycin in 9L Rat Brain Tumor Cells. <i>International Journal of Molecular Sciences</i> , 2013, 14, 19169-19185.	1.8	6
2468	Preventive or Potential Therapeutic Value of Nutraceuticals against Ionizing Radiation-Induced Oxidative Stress in Exposed Subjects and Frequent Fliers. <i>International Journal of Molecular Sciences</i> , 2013, 14, 17168-17192.	1.8	25
2469	Oxidative Stress as an Underlying Contributor in the Development of Chronic Complications in Diabetes Mellitus. <i>International Journal of Molecular Sciences</i> , 2013, 14, 3265-3284.	1.8	152
2470	Erken ve GeÃ§ Laktasyon Periyodunun KeÃ§ilerde Plazma Oksidan/Antioksidan Dengesi Ãœzerindeki Etkileri. <i>Kafkas Universitesi Veteriner Fakultesi Dergisi</i> , 2013, , .	0.0	2
2471	Oxidative Stress and Neurodegenerative Disorders. <i>International Journal of Molecular Sciences</i> , 2013, 14, 24438-24475.	1.8	332
2472	Women experience lower postprandial oxidative stress compared to men. <i>SpringerPlus</i> , 2013, 2, 553.	1.2	11
2473	Interaction between oxidative stress and smoking is associated with an increased risk of rheumatoid arthritis: a case-control study. <i>Rheumatology</i> , 2013, 52, 487-493.	0.9	17
2474	Antithyroid drug or hypothyroidism causes cellular damage in the renal cortex of adult male albino rats. <i>Egyptian Journal of Histology</i> , 2013, 36, 636-645.	0.0	2
2475	Antioxidant supplements and mortality. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2013, 17, 1.	1.3	179
2476	Metabolic regulation of Sirtuins upon fasting and the implication for cancer. <i>Current Opinion in Oncology</i> , 2013, 25, 630-636.	1.1	30
2477	A new, rapid online-HPTLC method for evaluation of DPPH reduction with ascorbic acid. <i>Journal of Planar Chromatography - Modern TLC</i> , 2013, 26, 21-25.	0.6	5
2478	Regulation of apoptosis by Bcl-2 cysteine oxidation in human lung epithelial cells. <i>Molecular Biology of the Cell</i> , 2013, 24, 858-869.	0.9	81
2479	Effects of ozone oxidative preconditioning on radiation-induced organ damage in rats. <i>Journal of Radiation Research</i> , 2013, 54, 36-44.	0.8	35
2480	Gene Expression During Early Folliculogenesis in Goats Using Microarray Analysis1. <i>Biology of Reproduction</i> , 2013, 89, 19.	1.2	27
2481	Hematopoietic Stem Cells. , 2013, , 251-277.		1
2482	Case study:in vivo stress diagnostics by spectroscopic determination of the cutaneous carotenoid antioxidant concentration in midwives depending on shift work. <i>Laser Physics Letters</i> , 2013, 10, 105701.	0.6	3
2483	Atherogenesis, the oxidative LDL modification hypothesis revisited. <i>Advances in Bioscience and Biotechnology (Print)</i> , 2013, 04, 48-61.	0.3	1
2484	Trichostatin A Inhibits Transforming Growth Factor- β -Induced Reactive Oxygen Species Accumulation and Myofibroblast Differentiation via Enhanced NF-E2-Related Factor 2-Antioxidant Response Element Signaling. <i>Molecular Pharmacology</i> , 2013, 83, 671-680.	1.0	34

#	ARTICLE	IF	CITATIONS
2485	Physical activity as antioxidant and palliative beneficial option in human immunodeficiency virus infection. <i>Oxidants and Antioxidants in Medical Science</i> , 2013, 2, 231.	0.2	1
2486	Lipoperoxyl Radical Scavenging and Antioxidative Effects of Red Beet Pigments. , 2013, , 105-124.		9
2487	Changes in COX-2 and oxidative damage factors during differentiation of human mesenchymal stem cells to hepatocyte-like cells is associated with downregulation of P53 gene. <i>Biological Chemistry</i> , 2013, 394, 1213-1222.	1.2	10
2488	Role of NAD ⁺ , Oxidative Stress, and Tryptophan Metabolism in Autism Spectrum Disorders. <i>International Journal of Tryptophan Research</i> , 2013, 6s1, IJTR.S11355.	1.0	25
2489	Epigenetic Modifications and Diabetic Retinopathy. <i>BioMed Research International</i> , 2013, 2013, 1-9.	0.9	81
2490	Nimodipine rescues N-methyl-N-nitrosourea-induced retinal degeneration in rats. <i>Pharmacognosy Magazine</i> , 2013, 9, 149.	0.3	5
2491	Influence of Acute Coffee Consumption on Postprandial Oxidative Stress. <i>Nutrition and Metabolic Insights</i> , 2013, 6, NMI.S12215.	0.8	22
2492	Low Concentration Platinum Nanoparticles Effectively Scavenge Reactive Oxygen Species in Rat Skeletal L6 Cells. <i>Nano Biomedicine and Engineering</i> , 2013, 5, .	0.3	11
2493	Gall-induced stress in the leaves of <i>Terminalia arjuna</i> , food plant of tropical&br>tasar silkworm, <i>Antheraea mylitta</i> . <i>Emirates Journal of Food and Agriculture</i> , 2013, 25, 205.	1.0	7
2494	Selenium-Dependent Regulation of Oxidative Stress and Immunity in Periparturient Dairy Cattle. <i>Veterinary Medicine International</i> , 2013, 2013, 1-8.	0.6	105
2495	Incorporation of Ortho- and Meta-Tyrosine Into Cellular Proteins Leads to Erythropoietin-Resistance in an Erythroid Cell Line. <i>Kidney and Blood Pressure Research</i> , 2013, 38, 217-225.	0.9	13
2496	Open-shell pair interaction energy decomposition analysis (PIEDA): Formulation and application to the hydrogen abstraction in tripeptides. <i>Journal of Chemical Physics</i> , 2013, 138, 074111.	1.2	39
2497	ROCK Inhibitor Y-27632 Increases the Cloning Efficiency of Limbal Stem/Progenitor Cells by Improving Their Adherence and ROS-Scavenging Capacity. <i>Tissue Engineering - Part C: Methods</i> , 2013, 19, 531-537.	1.1	25
2498	Hyperbaric oxygen for chronic wounds. <i>Dermatologic Therapy</i> , 2013, 26, 207-214.	0.8	19
2499	Combined toxicity of polycyclic aromatic hydrocarbons and heavy metals to biochemical and antioxidant responses of free and immobilized <i>Selenastrum capricornutum</i> . <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 673-683.	2.2	25
2500	Oxidative stress and cardiovascular health: therapeutic potential of polyphenols. <i>Canadian Journal of Physiology and Pharmacology</i> , 2013, 91, 198-212.	0.7	37
2501	Superoxide anion radical scavenging property of catecholamines. <i>Luminescence</i> , 2013, 28, 450-455.	1.5	14
2502	Determination of phenolic acids in plant extracts using $\langle scp \rangle CZE \langle /scp \rangle$ with on-line transient isotachophoretic preconcentration. <i>Journal of Separation Science</i> , 2013, 36, 729-735.	1.3	9

#	ARTICLE	IF	CITATIONS
2503	Biomedical Inorganic Polymers. Progress in Molecular and Subcellular Biology, 2013, , .	0.9	7
2504	Spectroscopic characterization, photoinduced processes and cytotoxic properties of substituted <i>N</i> -ethyl selenadiazoloquinolones. Journal of Physical Organic Chemistry, 2013, 26, 565-574.	0.9	16
2505	Antioxidant Properties of the Wild Edible Mushroom <i>Lactarius salmonicolor</i> . Journal of Medicinal Food, 2013, 16, 760-764.	0.8	25
2506	Protective effects of ginkgo biloba extract on ligature-induced periodontitis in rats. Acta Odontologica Scandinavica, 2013, 71, 38-44.	0.9	11
2507	Peel Effects on Phenolic Composition, Antioxidant Activity, and Making of Pomegranate Juice and Wine. Journal of Food Science, 2013, 78, C1166-72.	1.5	27
2508	Optimisation of antioxidant peptide preparation from corn gluten meal. Journal of the Science of Food and Agriculture, 2013, 93, 3264-3270.	1.7	42
2509	Changes in reactive oxygen species production and antioxidant enzyme activity of <i>Agaricus bisporus</i> harvested at different stages of maturity. Journal of the Science of Food and Agriculture, 2013, 93, 2201-2206.	1.7	28
2510	Classification and prediction of clinical diagnosis of Alzheimer's disease based on <i>s</i> MRI and plasma measures of β -tocotrienols and β -tocopherol. Journal of Internal Medicine, 2013, 273, 602-621.	2.7	67
2511	Oxytocin modulates proliferation and stress responses of human skin cells: implications for atopic dermatitis. Experimental Dermatology, 2013, 22, 399-405.	1.4	69
2512	Association between Gene Polymorphism of Manganese Superoxide Dismutase and Prostate Cancer Risk. Journal of Biochemical and Molecular Toxicology, 2013, 27, 213-218.	1.4	10
2513	Mechanisms by which maternal obesity programs offspring for obesity: evidence from animal studies. Nutrition Reviews, 2013, 71, S42-S54.	2.6	91
2514	Effect of 900 MHz radiofrequency radiation on oxidative stress in rat brain and serum. Electromagnetic Biology and Medicine, 2013, 32, 20-29.	0.7	55
2515	Oxidative DNA damage after acute exposure to arsenite and monomethylarsonous acid in biomethylation-deficient human cells. Toxicology Mechanisms and Methods, 2013, 23, 389-395.	1.3	9
2516	Molecular Mechanisms Underlying the Apoptotic Effect of KCNB1 K ⁺ Channel Oxidation. Journal of Biological Chemistry, 2013, 288, 4128-4134.	1.6	38
2517	A ROS Eliminating Nanocomposite Film Fabricated from Diselenide-Containing Polymer Micelles. Particle and Particle Systems Characterization, 2013, 30, 1034-1038.	1.2	15
2518	Relationship between oxidative stress and chronic daily headache in children. Human and Experimental Toxicology, 2013, 32, 113-119.	1.1	23
2519	A Review of Potential of Antioxidant Properties Using <i>Polygonum minus</i> . Advanced Materials Research, 0, 832, 659-664.	0.3	2
2520	Biased inheritance of mitochondria during asymmetric cell division in the mouse oocyte. Journal of Cell Science, 2013, 126, 2955-64.	1.2	123

#	ARTICLE	IF	CITATIONS
2521	MNADK, a novel liver-enriched mitochondrion-localized NAD kinase. <i>Biology Open</i> , 2013, 2, 432-438.	0.6	34
2522	Oxidative Damage in Clinical Ischemia/Reperfusion Injury: A Reappraisal. <i>Antioxidants and Redox Signaling</i> , 2013, 19, 535-545.	2.5	75
2523	Compensation of cATSCs-derived TGF β 1 and IL10 expressions was effectively modulated atopic dermatitis. <i>Cell Death and Disease</i> , 2013, 4, e497-e497.	2.7	16
2524	ROS-mediated platelet generation: a microenvironment-dependent manner for megakaryocyte proliferation, differentiation, and maturation. <i>Cell Death and Disease</i> , 2013, 4, e722-e722.	2.7	78
2525	Anti-stiffness effect of apocynin in deoxycorticosterone acetate-salt hypertensive rats via inhibition of oxidative stress. <i>Hypertension Research</i> , 2013, 36, 306-312.	1.5	20
2526	Fruit and vegetable intake and the association with glucose parameters: a cross-sectional analysis of the Letâ€™s Prevent Diabetes Study. <i>European Journal of Clinical Nutrition</i> , 2013, 67, 12-17.	1.3	46
2527	Cancer-derived immunoglobulin G promotes tumor cell growth and proliferation through inducing production of reactive oxygen species. <i>Cell Death and Disease</i> , 2013, 4, e945-e945.	2.7	62
2528	Effect of therapeutic ultrasound and diathermy on oxidantâ€™antioxidant balance in dogs suffering from hind quarter weakness. <i>Journal of Applied Animal Research</i> , 2013, 41, 82-86.	0.4	3
2529	Bioavailability of Antioxidants Applied to Stratified Human Corneal Epithelial Cells. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2013, 29, 681-687.	0.6	18
2530	Redox regulation of the immune response. <i>Redox Report</i> , 2013, 18, 88-94.	1.4	141
2531	Acquired cholesteatoma: summary of the cascade of molecular events. <i>Journal of Laryngology and Otology</i> , 2013, 127, 542-549.	0.4	28
2532	The Role of Oxidative Stress in Parkinson's Disease. <i>Journal of Parkinson's Disease</i> , 2013, 3, 461-491.	1.5	1,218
2533	Oxidative stress in oncohematologic diseases: an update. <i>Expert Review of Hematology</i> , 2013, 6, 317-325.	1.0	67
2534	Selected Functional Foods for Potential in Disease Treatment and Their Regulatory Issues. <i>International Journal of Food Properties</i> , 2013, 16, 397-415.	1.3	16
2535	Neuroprotective Effects of Curcumin and Highly Bioavailable Curcumin on Oxidative Stress Induced by Sodium Nitroprusside in Rat Striatal Cell Culture. <i>Biological and Pharmaceutical Bulletin</i> , 2013, 36, 1356-1362.	0.6	12
2536	Melatonin as a free radical scavenger in the ovarian follicle [Review]. <i>Endocrine Journal</i> , 2013, 60, 1-13.	0.7	171
2537	Effects of Ascorbic Acid Deficiency on Protein and Lipid Oxidation in Livers from SMP30/GNL Knockout Mice. <i>Journal of Nutritional Science and Vitaminology</i> , 2013, 59, 489-495.	0.2	6
2538	Vitamin C Prevents Intrauterine Programming of in vivo Cardiovascular Dysfunction in the Rat. <i>Circulation Journal</i> , 2013, 77, 2604-2611.	0.7	60

#	ARTICLE	IF	CITATIONS
2539	The Effect of Progressive Resistance Training on Oxidative Stress and Antioxidant Enzyme Activity in Erythrocytes in Untrained Men. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2013, 23, 230-238.	1.0	39
2540	Green Tea Polyphenols in Food and Nonfood Applications. , 2013, , 315-336.		1
2543	Case Study: Quality control of <i>Camellia sinensis</i> and <i>Ilex paraguariensis</i> teas marketed in Brazil based on total phenolics, flavonoids and free radical scavenging activity using chemometrics. , 2014, , 219-230.		1
2544	Glutathione and glutathione peroxidase expression in breast cancer: An immunohistochemical and molecular study. <i>Oncology Reports</i> , 2013, 30, 1119-1128.	1.2	48
2545	Antioxidant and pro-oxidant effects of oil palm (<i>Elaeis guineensis</i>) leaves extract in experimental diabetic nephropathy: a duration-dependent outcome. <i>BMC Complementary and Alternative Medicine</i> , 2013, 13, 242.	3.7	20
2546	Antioxidant properties of xanthenes from <i>Calophyllum brasiliense</i> : prevention of oxidative damage induced by FeSO ₄ . <i>BMC Complementary and Alternative Medicine</i> , 2013, 13, 262.	3.7	21
2548	Antioxidant status and its association with elevated depressive symptoms among US adults: National Health and Nutrition Examination Surveys 2005-6. <i>British Journal of Nutrition</i> , 2013, 109, 1714-1729.	1.2	43
2549	Oxidative stress markers in adults 2 years after Roux-en-Y gastric bypass. <i>European Journal of Gastroenterology and Hepatology</i> , 2013, 25, 580-586.	0.8	23
2550	Effects of Î±-lipoic Acid on mtDNA Damage after Isolated Muscle Contractions. <i>Medicine and Science in Sports and Exercise</i> , 2013, 45, 1469-1477.	0.2	17
2551	Molecular Link between Vitamin D and Cancer Prevention. <i>Nutrients</i> , 2013, 5, 3993-4021.	1.7	141
2552	Supercritical Carbon Dioxide Extraction of Seed Oil from Winter Melon (<i>Benincasa hispida</i>) and Its Antioxidant Activity and Fatty Acid Composition. <i>Molecules</i> , 2013, 18, 997-1014.	1.7	42
2553	Antioxidant, Iron Chelating and Tyrosinase Inhibitory Activities of Extracts from <i>Talinum triangulare</i> Leach Stem. <i>Antioxidants</i> , 2013, 2, 90-99.	2.2	13
2554	Pulmonary Oxidative Stress, Inflammation and Cancer: Respirable Particulate Matter, Fibrous Dusts and Ozone as Major Causes of Lung Carcinogenesis through Reactive Oxygen Species Mechanisms. <i>International Journal of Environmental Research and Public Health</i> , 2013, 10, 3886-3907.	1.2	577
2555	Overview on Oxidative Stress, Inflammation, Cancer Initiation/Progression, and How to Prevent Carcinogenesis/Cancer. , 2013, , 3-20.		0
2556	Zinc finger protein 667 expression is upregulated by cerebral ischemic preconditioning and protects cells from oxidative stress. <i>Biomedical Reports</i> , 2013, 1, 534-538.	0.9	12
2557	Brazilian propolis protects <i>Saccharomyces cerevisiae</i> cells against oxidative stress. <i>Brazilian Journal of Microbiology</i> , 2013, 44, 993-1000.	0.8	35
2558	Protective Effect of Luteolin on an Oxidative-Stress Model Induced by Microinjection of Sodium Nitroprusside in Mice. <i>Journal of Pharmacological Sciences</i> , 2013, 122, 109-117.	1.1	33
2559	Acclimatization to chronic intermittent hypoxia in mine workers: a challenge to mountain medicine in Chile. <i>Biological Research</i> , 2013, 46, 59-67.	1.5	43

#	ARTICLE	IF	CITATIONS
2560	Determinação do potencial antioxidante in vitro de frutos do Cerrado brasileiro. Revista Brasileira De Fruticultura, 2013, 35, 355-360.	0.2	25
2561	Evaluation of antioxidant potentials of <i>Monodora myristica</i> (Gaertn) dunel seeds. African Journal of Food Science, 2013, 7, 317-324.	0.4	13
2562	Bioactive Flavone-C-Glycosides of the African Medicinal Plant <i>Biophytum umbraculum</i> . Molecules, 2013, 18, 10312-10319.	1.7	19
2563	Antioxidant properties of methanol extract of a new commercial gelatinous mushrooms (white) <i>Tj ETQq1</i> . <i>Journal of Food Science</i> , 2013, 94, 103-107. <small>1.0784314 / Overlock 10</small>	0.3	13
2564	Oxidase activity of plasma ceruloplasmin in obstructive sleep apnea patients. Central-European Journal of Immunology, 2013, 4, 511-517.	0.4	0
2565	Effects of transportation and thermal stress on donkeys in the Northern Guinea Savannah zone of Nigeria: A review. Journal of Cell and Animal Biology, 2013, 7, 92-101.	0.2	4
2566	Comparison Between the Phytochemical and Antioxidant Properties of Plants Used in Plant Infusions for Medicinal Purposes. Journal of Agricultural Science, 2013, 5, .	0.1	2
2567	Clinical immunology The metabolic activity of neutrophils measured with a chemiluminescence assay in young patients with type 1 diabetes depending on the disease duration. Central-European Journal of Immunology, 2013, 2, 237-242.	0.4	0
2568	A review of oxidative stress in acute kidney injury: protective role of medicinal plants-derived antioxidants. Tropical Journal of Obstetrics and Gynaecology, 2013, 10, 88-93.	0.3	31
2569	Expression of oxidative stress and antioxidant defense genes in the kidney of inbred mice after intestinal ischemia and reperfusion. Acta Cirurgica Brasileira, 2013, 28, 848-855.	0.3	19
2570	Relationship between severity of adult community-acquired pneumonia and impairment of the antioxidant defense system. Biological Research, 2013, 46, 207-213.	1.5	15
2571	Clinical Applications of Antioxidants. Hanyang Medical Reviews, 2013, 33, 130.	0.4	12
2572	Medical Genetics: An Overview. , 2013, s5, .		0
2573	Antioxidant Substances and Trace Element Content in Macroalgae from a Subtropical Lagoon in the West Coast of the Baja California Peninsula. , 2013, 02, .		1
2574	Reduction in Blood Glutathione Levels Occurs Similarly in Patients With Primary-Open Angle or Normal Tension Glaucoma. , 2013, 54, 3333.		61
2575	The Butanol Fraction of Bitter Melon (<i>Momordica charantia</i>) Scavenges Free Radicals and Attenuates Oxidative Stress. Preventive Nutrition and Food Science, 2013, 18, 18-22.	0.7	10
2576	NMR Metabolomics Analysis of Parkinson's Disease. Current Metabolomics, 2013, 1, 191-209.	0.5	29
2577	Divergent genetic selection for residual feed intake impacts mitochondria reactive oxygen species production in pigs. Journal of Animal Science, 2013, 91, 2133-2140.	0.2	66

#	ARTICLE	IF	CITATIONS
2578	ANTIOXIDANT AND ANTIMUTAGENIC ACTIVITIES OF TAIF GRAPE (<i>VITIS VINIFERA</i>) CULTIVARS. American Journal of Biochemistry and Biotechnology, 2013, 9, 102-117.	0.1	8
2579	The Stance of Antioxidants in Brain Tumors. , 2013, , .		3
2580	Aging, Oxidative Stress and Antioxidants. , 0, , .		12
2581	Free radicals and antioxidants: Myths, facts and mysteries. African Journal of Pure and Applied Chemistry, 2013, 7, 91-113.	0.1	8
2582	An Assessment of Oxidant/Antioxidant Status and Oxidative Stress Index Levels in Patients with Carbon Monoxide Poisoning. Hong Kong Journal of Emergency Medicine, 2013, 20, 352-358.	0.4	2
2583	Role of innate immunity in cardiac inflammation after myocardial infarction. Frontiers in Bioscience - Scholar, 2013, S5, 86-104.	0.8	20
2584	Towards an Understanding of the Function of the Phytochelatin Synthase of Schistosoma mansoni. PLoS Neglected Tropical Diseases, 2013, 7, e2037.	1.3	25
2585	Hydrogen Sulfide Protects HUVECs against Hydrogen Peroxide Induced Mitochondrial Dysfunction and Oxidative Stress. PLoS ONE, 2013, 8, e53147.	1.1	141
2586	Cadmium Induces Apoptosis in Pancreatic β -Cells through a Mitochondria-Dependent Pathway: The Role of Oxidative Stress-Mediated c-Jun N-Terminal Kinase Activation. PLoS ONE, 2013, 8, e54374.	1.1	117
2587	A New Oxidative Stress Model, 2,2-Azobis(2-Amidinopropane) Dihydrochloride Induces Cardiovascular Damages in Chicken Embryo. PLoS ONE, 2013, 8, e57732.	1.1	49
2588	Oxidative Status and Lipofuscin Accumulation in Urothelial Cells of Bladder in Aging Mice. PLoS ONE, 2013, 8, e59638.	1.1	44
2589	Mitral and Tufted Cells Are Potential Cellular Targets of Nitration in the Olfactory Bulb of Aged Mice. PLoS ONE, 2013, 8, e59673.	1.1	12
2590	The Glutathione Reductase GSR-1 Determines Stress Tolerance and Longevity in Caenorhabditis elegans. PLoS ONE, 2013, 8, e60731.	1.1	41
2591	Iron-Ascorbate-Mediated Lipid Peroxidation Causes Epigenetic Changes in the Antioxidant Defense in Intestinal Epithelial Cells: Impact on Inflammation. PLoS ONE, 2013, 8, e63456.	1.1	34
2592	Dual Regulation of Cadmium-Induced Apoptosis by mTORC1 through Selective Induction of IRE1 Branches in Unfolded Protein Response. PLoS ONE, 2013, 8, e64344.	1.1	28
2593	Effects of Mild Cold Shock (25 $^{\circ}$ C) Followed by Warming Up at 37 $^{\circ}$ C on the Cellular Stress Response. PLoS ONE, 2013, 8, e69687.	1.1	81
2594	Ginsenoside Rd Attenuates Myocardial Ischemia/Reperfusion Injury via Akt/GSK-3 β Signaling and Inhibition of the Mitochondria-Dependent Apoptotic Pathway. PLoS ONE, 2013, 8, e70956.	1.1	95
2595	Retinal Vascular Caliber Is Associated with Cardiovascular Biomarkers of Oxidative Stress and Inflammation: The POLA Study. PLoS ONE, 2013, 8, e71089.	1.1	53

#	ARTICLE	IF	CITATIONS
2596	Genomic Phenotyping by Barcode Sequencing Broadly Distinguishes between Alkylating Agents, Oxidizing Agents, and Non-Genotoxic Agents, and Reveals a Role for Aromatic Amino Acids in Cellular Recovery after Quinone Exposure. PLoS ONE, 2013, 8, e73736.	1.1	2
2597	Study of the Effect of Surfactants on Extraction and Determination of Polyphenolic Compounds and Antioxidant Capacity of Fruits Extracts. PLoS ONE, 2013, 8, e57353.	1.1	63
2598	Antioxidant factors, nitric oxide levels, and cellular damage in leprosy patients. Revista Da Sociedade Brasileira De Medicina Tropical, 2013, 46, 645-649.	0.4	9
2599	Neuroprotective Actions of Flavones and Flavonols: Mechanisms and Relationship to Flavonoid Structural Features. Central Nervous System Agents in Medicinal Chemistry, 2013, 13, 30-35.	0.5	73
2600	Chemical Composition and Biological Activities of Essential Oils of Eremanthus erythropappus (DC) McLeisch (Asteraceae). Molecules, 2013, 18, 9785-9796.	1.7	41
2601	Evaluation of Sulfated Polysaccharides from the Brown Seaweed Dictyopteris Justii as Antioxidant Agents and as Inhibitors of the Formation of Calcium Oxalate Crystals. Molecules, 2013, 18, 14543-14563.	1.7	50
2602	Role of Glutathione in Cancer Progression and Chemoresistance. Oxidative Medicine and Cellular Longevity, 2013, 2013, 1-10.	1.9	886
2603	Myosins Are Differentially Expressed under Oxidative Stress in Chronic Streptozotocin-Induced Diabetic Rat Brains. ISRN Neuroscience, 2013, 2013, 1-10.	1.5	6
2604	Adduct of Malondialdehyde to Hemoglobin: A New Marker of Oxidative Stress That Is Associated with Significant Morbidity in Preterm Infants. Oxidative Medicine and Cellular Longevity, 2013, 2013, 1-8.	1.9	5
2605	Is Oxidative Stress in Mice Brain Regions Diminished by 2-[(2,6-Dichlorobenzylidene)amino]-5,6-dihydro-4 <i>H</i> -cyclopenta[<i>b</i>]thiophene-3-carbonitrile?. Oxidative Medicine and Cellular Longevity, 2013, 2013, 1-8.	1.9	6
2606	Nordihydroguaiaretic Acid Attenuates the Oxidative Stress-Induced Decrease of CD33 Expression in Human Monocytes. Oxidative Medicine and Cellular Longevity, 2013, 2013, 1-14.	1.9	12
2607	Therapeutic Roles of Heme Oxygenase-1 in Metabolic Diseases: Curcumin and Resveratrol Analogues as Possible Inducers of Heme Oxygenase-1. Oxidative Medicine and Cellular Longevity, 2013, 2013, 1-12.	1.9	85
2608	Regulation of NF- κ B-Induced Inflammatory Signaling by Lipid Peroxidation-Derived Aldehydes. Oxidative Medicine and Cellular Longevity, 2013, 2013, 1-11.	1.9	149
2609	<i>Vernonia condensata</i> Baker (Asteraceae): A Promising Source of Antioxidants. Oxidative Medicine and Cellular Longevity, 2013, 2013, 1-9.	1.9	21
2610	ROS and Brain Diseases: The Good, the Bad, and the Ugly. Oxidative Medicine and Cellular Longevity, 2013, 2013, 1-14.	1.9	281
2611	Oxidative Stress and Lipid Peroxidation – A Lipid Metabolism Dysfunction. , 0, , .		19
2612	Punica granatum L. protects mice against hexavalent chromium-induced genotoxicity. Brazilian Journal of Pharmaceutical Sciences, 2013, 49, 689-697.	1.2	5
2613	Flavonoids in Atherosclerosis: An Overview of Their Mechanisms of Action. Current Medicinal Chemistry, 2013, 20, 2641-2660.	1.2	94

#	ARTICLE	IF	CITATIONS
2614	Neuroimmune Activation in Chronic Heart Failure. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2013, 13, 68-75.	0.6	7
2615	Disease and Therapy: A Role for Oxidants. , 0, , .		0
2616	Manuka honey protects middle-aged rats from oxidative damage. <i>Clinics</i> , 2013, 68, 1446-1454.	0.6	27
2617	Antioxidant Properties of the Leaves of <i>Chromolaena odorata</i> Linn. <i>Journal of the Institute of Medicine</i> , 2013, 35, 53-57.	0.1	11
2618	<i>In Vitro</i> Anti-inflammatory and Antioxidant Potential of Si-Miao-San, its Modifications and Pure Compounds. <i>Natural Product Communications</i> , 2013, 8, 1934578X1300800.	0.2	3
2619	Identification of the Molecular Basis of Non-thermal Plasma-Induced Changes in Human Keratinocytes. <i>Plasma Medicine</i> , 2013, 3, 15-25.	0.2	13
2620	Antioxidant and antibacterial evaluation of honey bee hive extracts using in vitro models. <i>Mediterranean Journal of Nutrition and Metabolism</i> , 2013, 6, 247-253.	0.2	7
2621	Coadministration of Hydrogen Gas as Part of the Carrier Gas Mixture Suppresses Neuronal Apoptosis and Subsequent Behavioral Deficits Caused by Neonatal Exposure to Sevoflurane in Mice. <i>Anesthesiology</i> , 2013, 118, 105-113.	1.3	71
2623	The Role of Oxidative Stress in Melanoma Development, Progression and Treatment. , 2013, , .		6
2624	Foods or Bioactive Constituents of Foods as Chemopreventives in Cell Lines After Simulated Gastrointestinal Digestion: A Review. , 0, , .		4
2625	Short-term alpha- or gamma-delta-enriched tocopherol oil supplementation differentially affects the expression of proinflammatory mediators: selective impacts on characteristics of protein tyrosine nitration in vivo. <i>Veterinary Science Development</i> , 2013, 3, 6.	0.0	6
2626	The Use of Nicotinamide as a Treatment for Experimental Traumatic Brain Injury and Stroke: A Review and Evaluation. <i>Clinical Pharmacology & Biopharmaceutics</i> , 2013, S1, .	0.2	5
2627	Antioxidant Activity of the Brown Macroalgae <i>Fucus spiralis</i> Linnaeus Harvested from the West Coast of Ireland. <i>Current Research Journal of Biological Sciences</i> , 2013, 5, 81-90.	0.1	15
2628	Effect of an anorexiant on levels of 5-HIAA and GSH in brain of well-nourished and malnourished rats. <i>African Journal of Pharmacy and Pharmacology</i> , 2013, 7, 2981-2988.	0.2	0
2629	NGenetics and Environmental Stress Factor Contributions to Anterior Segment Malformations and Glaucoma. , 2013, , .		3
2630	Potential Role of <i>Parkia biglobosa</i> in the Management and Treatment of Cardiovascular Diseases. , 2014, , .		5
2631	Anti-oxidative potentials of some medicinal plants on lipid peroxidation in alloxan-induced diabetic rats. <i>African Journal of Biotechnology</i> , 2014, 13, 156-162.	0.3	1
2632	Characterization of blood redox status of early and mid-late lactating dairy cows. <i>Czech Journal of Animal Science</i> , 2014, 59, 170-181.	0.5	14

#	ARTICLE	IF	CITATIONS
2633	Protective role of <i>Telfairia occidentalis</i> in irradiation-induced oxidative stress in rat brain. International Journal of Biological and Chemical Sciences, 2014, 8, 843.	0.1	3
2634	Oxidative Stress and Diabetic Complications: The Role of Antioxidant Vitamins and Flavonoids. , 2014, , .		20
2635	Eryptosis as a marker of Parkinson's disease. Aging, 2014, 6, 788-819.	1.4	84
2636	Black rice extract protected HepG2 cells from oxidative stress-induced cell death via ERK1/2 and Akt activation. Nutrition Research and Practice, 2014, 8, 125.	0.7	22
2637	Analysis of Phenolic and Flavonoid Contents, and the Anti-Oxidative Potential and Lipid Peroxidation Inhibitory Activity of Methanolic Extract of Carissa opaca Roots and Its Fractions in Different Solvents. Antioxidants, 2014, 3, 671-683.	2.2	28
2638	Antioxidant Effects of Cranberry Powder in Lipopolysaccharide Treated Hypercholesterolemic Rats. Preventive Nutrition and Food Science, 2014, 19, 75-81.	0.7	15
2639	Involvement of miRNAs in Placental Alterations Mediated by Oxidative Stress. Oxidative Medicine and Cellular Longevity, 2014, 2014, 1-7.	1.9	33
2640	The protective role of oral consumption of N-acetyl cysteine during a single session of exhaustive exercise in untrained subjects. African Journal of Biochemistry Research, 2014, 8, 7-13.	0.2	0
2641	Isolation, Identification and Activities of Natural Antioxidants from Callicarpa kwangtungensis Chun. PLoS ONE, 2014, 9, e93000.	1.1	30
2642	Altered Antioxidant System Stimulates Dielectric Barrier Discharge Plasma-Induced Cell Death for Solid Tumor Cell Treatment. PLoS ONE, 2014, 9, e103349.	1.1	86
2643	Anti-Oxidative Effects of Rooibos Tea (<i>Aspalathus linearis</i>) on Immobilization-Induced Oxidative Stress in Rat Brain. PLoS ONE, 2014, 9, e87061.	1.1	55
2644	Hydrogen Peroxide Contributes to the Epithelial Cell Death Induced by the Oral Mitis Group of Streptococci. PLoS ONE, 2014, 9, e88136.	1.1	35
2645	Regulation of NADPH Oxidase 5 by Protein Kinase C Isoforms. PLoS ONE, 2014, 9, e88405.	1.1	75
2646	Serum Peroxiredoxin 4: A Marker of Oxidative Stress Associated with Mortality in Type 2 Diabetes (ZODIAC-28). PLoS ONE, 2014, 9, e89719.	1.1	23
2647	Neuroprotective Effects of Sevoflurane against Electromagnetic Pulse-Induced Brain Injury through Inhibition of Neuronal Oxidative Stress and Apoptosis. PLoS ONE, 2014, 9, e91019.	1.1	21
2648	Helium Generated Cold Plasma Finely Regulates Activation of Human Fibroblast-Like Primary Cells. PLoS ONE, 2014, 9, e104397.	1.1	69
2649	A Novel Reaction of Peroxiredoxin 4 towards Substrates in Oxidative Protein Folding. PLoS ONE, 2014, 9, e105529.	1.1	23
2650	Prooxidant Mechanisms in Toxicology. BioMed Research International, 2014, 2014, 1-2.	0.9	1

#	ARTICLE	IF	CITATIONS
2651	Xanthoceraside Ameliorates Mitochondrial Dysfunction Contributing to the Improvement of Learning and Memory Impairment in Mice with Intracerebroventricular Injection of AA xmlns:mml="http://www.w3.org/1998/Math/MathML" id="M1">I^2</mml:mrow></mml:math> 1-42. Evidence-based Complementary and Alternative Medicine, 2014, 2014, 1-11.	0.5	24
2652	Role of Lipid Peroxidation Products, Plasma Total Antioxidant Status, and Cu-, Zn-Superoxide Dismutase Activity as Biomarkers of Oxidative Stress in Elderly Prediabetics. Oxidative Medicine and Cellular Longevity, 2014, 2014, 1-8.	1.9	20
2653	Systemic Oxidative Stress and Conversion to Dementia of Elderly Patients with Mild Cognitive Impairment. BioMed Research International, 2014, 2014, 1-7.	0.9	49
2654	Xanthine Oxidase Activity Is Associated with Risk Factors for Cardiovascular Disease and Inflammatory and Oxidative Status Markers in Metabolic Syndrome: Effects of a Single Exercise Session. Oxidative Medicine and Cellular Longevity, 2014, 2014, 1-8.	1.9	54
2655	Dual Stimulus-Dependent Effect of <i>Oenothera paradoxa</i> Extract on the Respiratory Burst in Human Leukocytes: Suppressing for <i>Escherichia coli</i> and Phorbol Myristate Acetate and Stimulating for Formyl-Methionyl-Leucyl-Phenylalanine. Oxidative Medicine and Cellular Longevity, 2014, 2014, 1-13.	1.9	8
2656	Phytochemical and Biological Activities of Four Wild Medicinal Plants. Scientific World Journal, The, 2014, 2014, 1-7.	0.8	53
2657	Kolaviron Improved Resistance to Oxidative Stress and Inflammation in the Blood (Erythrocyte, Serum,) Tj ETQq0 0 0 rgBT /Overlock 10 0.85 24	0.85	24
2658	The Potential Protective Effect of <i>Physalis peruviana</i> L. against Carbon Tetrachloride-Induced Hepatotoxicity in Rats Is Mediated by Suppression of Oxidative Stress and Downregulation of MMP-9 Expression. Oxidative Medicine and Cellular Longevity, 2014, 2014, 1-12.	1.9	71
2659	Oxidative Modification of Proteins in Pediatric Cystic Fibrosis with Bacterial Infections. Oxidative Medicine and Cellular Longevity, 2014, 2014, 1-10.	1.9	28
2660	Punicalagin and Ellagic Acid Demonstrate Antimutagenic Activity and Inhibition of Benzo[a]pyrene Induced DNA Adducts. BioMed Research International, 2014, 2014, 1-10.	0.9	83
2661	Protective effects of pine bark extract against cisplatin-induced hepatotoxicity and oxidative stress in rats. Laboratory Animal Research, 2014, 30, 174.	1.1	39
2662	Effect of Redox Modulating NRF2 Activators on Chronic Kidney Disease. Molecules, 2014, 19, 12727-12759.	1.7	135
2663	Evaluation of the Antioxidant Activity of Cooked Gomchwi (<i>Ligularia fischeri</i>) Using the Myoglobin Methods. Preventive Nutrition and Food Science, 2014, 19, 34-39.	0.7	7
2664	Antioxidant and Free Radical Scavenging Capacity of Seed and Shell Essential Oils Extracted from <i>Abrus precatorius</i> (L). Antioxidants, 2014, 3, 278-287.	2.2	67
2665	Antioxidant and Metal Chelation-Based Therapies in the Treatment of Prion Disease. Antioxidants, 2014, 3, 288-308.	2.2	9
2666	Assessing Antioxidant Capacity in Brain Tissue: Methodologies and Limitations in Neuroprotective Strategies. Antioxidants, 2014, 3, 636-648.	2.2	11
2667	The emerging Pannexin 1 signalome: a new nexus revealed?. Frontiers in Cellular Neuroscience, 2014, 7, 287.	1.8	20
2668	Oxidative Stress Associated with Neuronal Apoptosis in Experimental Models of Epilepsy. Oxidative Medicine and Cellular Longevity, 2014, 2014, 1-12.	1.9	155

#	ARTICLE	IF	CITATIONS
2669	In Vivo and In Vitro Evidence for Placental DNA Damage in Preeclampsia. PLoS ONE, 2014, 9, e86791.	1.1	28
2670	Evaluation of Nystatin Containing Chitosan Hydrogels as Potential Dual Action Bio-Active Restorative Materials: in Vitro Approach. Journal of Functional Biomaterials, 2014, 5, 259-272.	1.8	12
2671	EPR Spectroscopy of a Clinically Active (1:2) Copper(II)-Histidine Complex Used in the Treatment of Menkes Disease: A Fourier Transform Analysis of a Fluid CW-EPR Spectrum. Molecules, 2014, 19, 980-991.	1.7	27
2672	Effects of Selected Dietary Secondary Metabolites on Reactive Oxygen Species Production Caused by Iron(II) Autoxidation. Molecules, 2014, 19, 20023-20033.	1.7	18
2673	Nano drug delivery Study of Anticancer Properties on Jackfruit using QM/MM Methods. Oriental Journal of Chemistry, 2014, 30, 1703-1718.	0.1	0
2674	Role of Antidiabetic Compounds on Glucose Metabolism – A Special Focus on Medicinal Plant: Salacia sps., 2014, 04, .		5
2675	Glutathionylation of the L-type Ca ²⁺ Channel in Oxidative Stress-Induced Pathology of the Heart. International Journal of Molecular Sciences, 2014, 15, 19203-19225.	1.8	19
2676	Protective Effect of Wheat Peptides against Indomethacin-Induced Oxidative Stress in IEC-6 Cells. Nutrients, 2014, 6, 564-574.	1.7	41
2677	Oxidative stress and its downstream signaling in aging eyes. Clinical Interventions in Aging, 2014, 9, 637.	1.3	91
2678	Defensive mechanism in cholangiocarcinoma cells against oxidative stress induced by chlorin e6-based photodynamic therapy. Drug Design, Development and Therapy, 2014, 8, 1451.	2.0	8
2679	Neuroprotection of antioxidant enzymes against transient global cerebral ischemia in gerbils. Anatomy and Cell Biology, 2014, 47, 149.	0.5	52
2680	Empirical medical therapy in idiopathic male infertility: Promise or panacea?. Clinical and Experimental Reproductive Medicine, 2014, 41, 108.	0.5	60
2681	Diabetic Autonomic Neuropathy: Pathogenesis to Pharmacological Management. Journal of Diabetes & Metabolism, 2014, 05, .	0.2	9
2682	Cardiovascular Complications of Sleep Apnea: Role of Oxidative Stress. Oxidative Medicine and Cellular Longevity, 2014, 2014, 1-10.	1.9	71
2683	Nutraceutical and health benefits of some vegetables eaten in Enugu State Nigeria. African Journal of Food Science, 2014, 8, 471-475.	0.4	1
2684	Serum lipid peroxide and antioxidant vitamins (E, C) in neonates with respiratory distress syndrome. International Journal of Nutrition and Metabolism, 2014, 6, 37-41.	0.3	2
2685	Synthesis of Putrescine Bisamides as Antimicrobial and Anti-Inflammatory Agents. , 2014, 04, .		8
2686	Inhibition of melanogenesis in murine melanoma cells by Agaricus brasiliensis methanol extract and anti-reactive oxygen species (ROS) activity. African Journal of Microbiology Research, 2014, 8, 519-524.	0.4	10

#	ARTICLE	IF	CITATIONS
2687	Effects of acute and chronic administration of methylprednisolone on oxidative stress in rat lungs. <i>Jornal Brasileiro De Pneumologia</i> , 2014, 40, 238-243.	0.4	13
2688	Oxidative Stress and Psychological Disorders. <i>Current Neuropharmacology</i> , 2014, 12, 140-147.	1.4	367
2689	Plasma adipocytokines and antioxidants-status in Korean overweight and obese females with dyslipidemia. <i>Nutrition Research and Practice</i> , 2014, 8, 417.	0.7	2
2690	Increased Oxidative DNA Damage in Seminal Plasma of Infertile Men with Varicocele. , 2014, 03, .		1
2691	Effect of Ascorbic Acid on Mental Depression Drug Therapy: Clinical Study. , 2014, 04, .		12
2692	Melanocytes and Oxidative Stress. <i>Journal of Pigmentary Disorders</i> , 2014, 1, .	0.2	8
2693	Effects of Dietary Supplementation with <i>Aspergillus Awamori</i> on Growth Performance and Antioxidative Status of Broiler Chickens Exposed to High Ambient Temperature. <i>Journal of Poultry Science</i> , 2014, 51, 281-288.	0.7	14
2694	Potential mechanisms of hepatitis B virus induced liver injury. <i>World Journal of Gastroenterology</i> , 2014, 20, 12462.	1.4	48
2695	Exercise-induced oxidative stress: A tool for "hormesis" and "adaptive response". <i>The Journal of Physical Fitness and Sports Medicine</i> , 2014, 3, 115-120.	0.2	14
2696	In Vivo Electron Paramagnetic Resonance Imaging. , 2014, , .		1
2697	Evaluation of cellular antioxidant activity of selected species of <i>Caralluma</i> and <i>Boucerosia</i> on cell lines. <i>International Journal of Applied Sciences and Biotechnology</i> , 2014, 2, 83-87.	0.4	4
2698	Altered Redox Regulation as Cofactor in Comorbidities and Accelerated Aging in HIV Infection Evolution and Antiretroviral Treatment. <i>Epidemiology (Sunnyvale, Calif)</i> , 2014, 04, .	0.3	0
2699	The Polyphenol Chlorogenic Acid Attenuates UVB-mediated Oxidative Stress in Human HaCaT Keratinocytes. <i>Biomolecules and Therapeutics</i> , 2014, 22, 136-142.	1.1	86
2700	Nitrite and Nitrate Levels of Gingival Crevicular Fluid and Saliva in Subjects with Gingivitis and Chronic Periodontitis. <i>Journal of Oral & Maxillofacial Research</i> , 2014, 5, e5.	0.3	12
2701	Antioxidant and Anti-inflammatory Activities of Broccoli Florets in LPS-stimulated RAW 264.7 Cells. <i>Preventive Nutrition and Food Science</i> , 2014, 19, 89-97.	0.7	37
2702	Antioxidant and Anti-inflammatory Effects of Yam (<i>Dioscorea batatas</i> Decne.) on Azoxymethane-induced Colonic Aberrant Crypt Foci in F344 Rats. <i>Preventive Nutrition and Food Science</i> , 2014, 19, 82-88.	0.7	17
2703	Protective Effects of Black Rice Extracts on Oxidative Stress Induced by tert-Butyl Hydroperoxide in HepG2 Cells. <i>Preventive Nutrition and Food Science</i> , 2014, 19, 348-352.	0.7	14
2706	The Role of Oxidative Stress in Carcinogenesis Induced By Metals in Breast Cancer Egyptian Females Sample at Dakahlia Governorate. , 2014, 04, .		1

#	ARTICLE	IF	CITATIONS
2707	Wpływ występowających w piwie związków polifenolowych na organizm – przegląd literatury. <i>Alkoholizm i Narkomania</i> , 2014, 27, 273-281.	0.3	1
2708	Biomarkers of oxidative/nitrosative stress and neurotoxicity. , 2014, , 863-881.		0
2709	Redefining the major contributors to superoxide production in contracting skeletal muscle. The role of NAD(P)H oxidases. <i>Free Radical Research</i> , 2014, 48, 12-29.	1.5	137
2710	Oxidative Stress and Respiratory System: Pharmacological and Clinical Reappraisal of N-Acetylcysteine. COPD: <i>Journal of Chronic Obstructive Pulmonary Disease</i> , 2014, 11, 705-717.	0.7	111
2711	Oxidative Stress, Mitochondrial Dysfunction and the Mitochondria Theory of Aging. <i>Interdisciplinary Topics in Gerontology</i> , 2014, 39, 86-107.	3.6	92
2713	Managing Oxidative Stress/Targeting ROS. , 2014, , 127-146.		0
2714	Cell Signaling and Gene Regulation by Oxidative Stress. , 2014, , 105-126.		0
2715	Quercetin protected isolated human erythrocytes against mancozeb-induced oxidative stress. <i>Toxicology and Industrial Health</i> , 2014, 30, 561-569.	0.6	15
2716	Evaluation of anti-inflammatory, immunomodulatory, chemopreventive and wound healing potentials from <i>Schinus terebinthifolius</i> methanolic extract. <i>Revista Brasileira De Farmacognosia</i> , 2014, 24, 565-575.	0.6	23
2717	Melatonin: shedding light on infertility? - a review of the recent literature. <i>Journal of Ovarian Research</i> , 2014, 7, 98.	1.3	45
2718	Edaravone Mitigates Hexavalent Chromium-Induced Oxidative Stress and Depletion of Antioxidant Enzymes while Estrogen Restores Antioxidant Enzymes in the Rat Ovary in F1 Offspring. <i>Biology of Reproduction</i> , 2014, 91, 12.	1.2	24
2719	Antioxidant activity of aminodiarylamines in the thieno[3,2- <i>b</i>]pyridine series: radical scavenging activity, lipid peroxidation inhibition and redox profile. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2014, 29, 311-316.	2.5	5
2720	Neem leaf extract inhibits mammary carcinogenesis by altering cell proliferation, apoptosis, and angiogenesis. <i>Cancer Biology and Therapy</i> , 2014, 15, 26-34.	1.5	45
2721	Radioprotective Effects of <i>Nigella Sativa</i> Oil Against Oxidative Stress in Liver Tissue of Rats Exposed to Total Head Irradiation. <i>Journal of Investigative Surgery</i> , 2014, 27, 262-266.	0.6	32
2722	Evaluation of Antioxidant Activities of Zein Protein Fractions. <i>Journal of Food Science</i> , 2014, 79, C2174-84.	1.5	50
2723	Antioxidant activity and hepatoprotective effect of <i>Schizandra chinensis</i> Baill. Extracts containing active components in alcohol-induced HepG2 cells. <i>Food Science and Biotechnology</i> , 2014, 23, 1615-1621.	1.2	7
2724	Simple DPPH-Based Electrochemical Assay for the Evaluation of the Antioxidant Capacity: a Thorough Comparison with Spectrophotometric Assays and Evaluation with Real-World Samples. <i>Electroanalysis</i> , 2014, 26, 2677-2685.	1.5	20
2725	A DFT, X- and W-band EPR and ENDOR Study of Nitrogen-Centered Species in (Nano)Hydroxyapatite. <i>Applied Magnetic Resonance</i> , 2014, 45, 1189-1203.	0.6	27

#	ARTICLE	IF	CITATIONS
2726	Dual effect of oxidative stress on leukemia cancer induction and treatment. <i>Journal of Experimental and Clinical Cancer Research</i> , 2014, 33, 106.	3.5	99
2727	Zinc Carnosine Protects Against Hydrogen Peroxide-Induced DNA Damage in WIL2-NS Lymphoblastoid Cell Line Independent of Poly (ADP-Ribose) Polymerase Expression. <i>Biological Trace Element Research</i> , 2014, 162, 8-17.	1.9	13
2728	Intracerebral Antioxidant Ability of Rats Under Hypoxia Estimated Using the Microdialysis-ESR Method. <i>Applied Magnetic Resonance</i> , 2014, 45, 1417-1425.	0.6	1
2729	Involvement of oxidative stress associated with glutathione depletion and p38 mitogen-activated protein kinase activation in arsenic disulfide-induced differentiation in HL-60 cells. <i>Leukemia and Lymphoma</i> , 2014, 55, 392-404.	0.6	23
2730	Oxidative stress in susceptibility to breast cancer: study in Spanish population. <i>BMC Cancer</i> , 2014, 14, 861.	1.1	34
2731	A study of the inhibition of catalase by dipotassium trioxohydroxytetrafluorotriborate $K_2[B_3O_3F_4OH]$. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2014, 29, 744-748.	2.5	25
2732	A new approach on methamphetamine-induced hepatotoxicity: involvement of mitochondrial dysfunction. <i>Xenobiotica</i> , 2014, 44, 70-76.	0.5	34
2733	Protective effect of a hydroethanolic extract from <i>Bowdichia virgilioides</i> on muscular damage and oxidative stress caused by strenuous resistance training in rats. <i>Journal of the International Society of Sports Nutrition</i> , 2014, 11, 58.	1.7	12
2734	Ca ²⁺ -mediated Mitochondrial Reactive Oxygen Species Metabolism Augments Wnt/ β^2 -Catenin Pathway Activation to Facilitate Cell Differentiation. <i>Journal of Biological Chemistry</i> , 2014, 289, 27937-27951.	1.6	90
2735	Antioxidant, cell-protective, and anti-melanogenic activities of leaf extracts from wild bitter melon (<i>Momordica charantia</i> Linn. var. <i>abbreviata</i> Ser.) cultivars. , 2014, 55, 78.		17
2736	The impact of early nutrition on the ageing trajectory. <i>Proceedings of the Nutrition Society</i> , 2014, 73, 289-301.	0.4	69
2737	Dysfunction of the stress-responsive FOXC1 transcription factor contributes to the earlier-onset glaucoma observed in Axenfeld-Rieger syndrome patients. <i>Cell Death and Disease</i> , 2014, 5, e1069-e1069.	2.7	27
2738	Effects of ebselen on ischemia/reperfusion injury in rat brain. <i>International Journal of Neuroscience</i> , 2014, 124, 771-776.	0.8	24
2739	A sensitive method for the analysis of glutathione in porcine hepatocytes. <i>Scandinavian Journal of Gastroenterology</i> , 2014, 49, 1359-1366.	0.6	10
2740	A genetic reduction in antioxidant function causes elevated aggression in mice. <i>Journal of Experimental Biology</i> , 2014, 218, 223-7.	0.8	17
2741	<i>In Vivo</i> Imaging of Reactive Oxygen Species in Mouse Brain by using [³ H]Hydromethidine as a Potential Radical Trapping Radiotracer. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014, 34, 1907-1913.	2.4	24
2742	The effects of alpha-lipoic acid on MMP-2 and MMP-9 activities in a rat renal ischemia and re-perfusion model. <i>Biotechnic and Histochemistry</i> , 2014, 89, 304-314.	0.7	25
2743	Diabetic encephalopathy-related depression: experimental evidence that insulin and clonazepam restore antioxidant status in rat brain. <i>Cell Biochemistry and Function</i> , 2014, 32, 711-719.	1.4	14

#	ARTICLE	IF	CITATIONS
2744	Antioxidant activity and free radical scavenging activities of <i>Streptomyces</i> sp. strain MJM 10778. <i>Asian Pacific Journal of Tropical Medicine</i> , 2014, 7, 962-967.	0.4	19
2745	Actein Isolated from Black Cohosh Promotes the Function of Osteoblastic MC3T3-E1 Cells. <i>Journal of Medicinal Food</i> , 2014, 17, 414-423.	0.8	21
2746	Antioxidant and Free Radical Scavenging Activities of N-Modified Chitosans. <i>Advanced Materials Research</i> , 2014, 1002, 91-98.	0.3	1
2747	Nutraceutical properties of chestnut flours: beneficial effects on skeletal muscle atrophy. <i>Food and Function</i> , 2014, 5, 2870-2882.	2.1	18
2748	Interplay between Nuclear Factor Erythroid 2-Related Factor 2 and Amphiregulin during Mechanical Ventilation. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2014, 51, 668-677.	1.4	14
2749	Selenium and Graves's Orbitopathy. , 2014, , 361-369.		0
2750	<i>Thymra capitata</i> Essential Oil Prevents Cell Death Induced by 4-Hydroxy-2-Nonenal in Neonatal Rat Cardiac Myocytes. <i>Planta Medica</i> , 2014, 80, 1284-1290.	0.7	10
2751	The relationship between oxidative stress and exercise. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2014, 25, 1-11.	0.7	37
2752	Polymorphisms in DNA Repair Genes (APEX1, XPD, XRCC1 and XRCC3) and Risk of Preeclampsia in a Mexican Mestizo Population. <i>International Journal of Molecular Sciences</i> , 2014, 15, 4273-4283.	1.8	13
2753	Anti-Angiogenic Therapy and Cardiovascular Diseases: Current Strategies and Future Perspectives. , 2014, , 268-308.		0
2754	Antioxidant and Antiadipogenic Activities of Galkeun-Tang, a Traditional Korean Herbal Formula. <i>Evidence-based Complementary and Alternative Medicine</i> , 2014, 2014, 1-9.	0.5	9
2755	The SK3 channel promotes placental vascularization by enhancing secretion of angiogenic factors. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014, 307, E935-E943.	1.8	10
2756	Bioassay-Guided Isolation and Antioxidant Evaluation of Flavonoid Compound from Aerial Parts of <i>Lippia nodiflora</i> L.. <i>BioMed Research International</i> , 2014, 2014, 1-10.	0.9	18
2757	Food-Derived Bioactive Peptides on Inflammation and Oxidative Stress. <i>BioMed Research International</i> , 2014, 2014, 1-11.	0.9	264
2758	Phytochemical Constituents and Toxicity of <i>Duguetia furfuracea</i> Hydroalcoholic Extract in <i>Drosophila melanogaster</i> . <i>Evidence-based Complementary and Alternative Medicine</i> , 2014, 2014, 1-11.	0.5	13
2759	Perinatal and Prenatal Disorders. <i>Oxidative Stress in Applied Basic Research and Clinical Practice</i> , 2014, , .	0.4	1
2760	Oxidative Stress in Pacific Salmon (<i>Oncorhynchus</i> spp.) during Spawning Migration. <i>Physiological and Biochemical Zoology</i> , 2014, 87, 346-352.	0.6	24
2761	Disturbance of antioxidant protection and natural resistance factors in rats with different availabilities of trivalent chromium. <i>Turkish Journal of Veterinary and Animal Sciences</i> , 2014, 38, 138-144.	0.2	5

#	ARTICLE	IF	CITATIONS
2762	Rethinking the clockwork: redox cycles and non-transcriptional control of circadian rhythms. <i>Biochemical Society Transactions</i> , 2014, 42, 1-10.	1.6	16
2763	Lutein and Oxidative Stress-Mediated Retinal Neurodegeneration in Diabetes. , 2014, , 223-229.		3
2764	Melatonin Prevents Chemical-Induced Haemopoietic Cell Death. <i>International Journal of Molecular Sciences</i> , 2014, 15, 6625-6640.	1.8	18
2765	Correlation between superoxide dismutase 1 and 2 polymorphisms and susceptibility to oral squamous cell carcinoma. <i>Experimental and Therapeutic Medicine</i> , 2014, 7, 171-178.	0.8	32
2766	Proanthocyanidin: Chemistry and Biology: From Phenolic Compounds to Proanthocyanidins. , 2014, , .		14
2767	Extracellular Redox State Regulates Catecholamine Biosynthesis in PC12 Cells with Insulin Resistance. <i>Hormone and Metabolic Research</i> , 2014, 46, 412-418.	0.7	2
2768	HSP70 Abundance and Antioxidant Capacity in Feeding and Fasting Gray Seal Pups: Suckling Is Associated with Higher Levels of Key Cellular Defenses. <i>Physiological and Biochemical Zoology</i> , 2014, 87, 663-676.	0.6	7
2769	Watermelon (<i>Citrullus lanatus</i> (Thunb.) Matsum. and Nakai) Juice Modulates Oxidative Damage Induced by Low Dose X-Ray in Mice. <i>BioMed Research International</i> , 2014, 2014, 1-6.	0.9	19
2770	Cloning and expression analysis of <i>Drosophila</i> extracellular Cu Zn superoxide dismutase. <i>Bioscience Reports</i> , 2014, 34, e00164.	1.1	26
2771	DETERMINATION OF TRACE AND MAJOR ELEMENTS IN WATER ON OIL PALM PLANTATIONS BY INDUCTIVELY COUPLED PLASMA-OPTICAL EMISSION SPECTROMETRY. <i>Instrumentation Science and Technology</i> , 2014, 42, 652-666.	0.9	2
2772	Physiological mechanisms of vascular response induced by shear stress and effect of exercise in systemic and placental circulation. <i>Frontiers in Pharmacology</i> , 2014, 5, 209.	1.6	28
2773	Oxidative Stress: A Link between Diabetes Mellitus and Periodontal Disease. <i>International Journal of Endocrinology</i> , 2014, 2014, 1-4.	0.6	45
2775	Metabolomics Network Characterization of Resuscitation after Normocapnic Hypoxia in a Newborn Piglet Model Supports the Hypothesis That Room Air Is Better. <i>BioMed Research International</i> , 2014, 2014, 1-7.	0.9	28
2776	Biomarkers to Improve Diagnosis and Monitoring of Obstructive Sleep Apnea Syndrome: Current Status and Future Perspectives. <i>Pulmonary Medicine</i> , 2014, 2014, 1-15.	0.5	38
2777	Neuroprotective Activity of Water Soluble Extract from <i>Chorisporea bungeana</i> against Focal Cerebral Ischemic/Reperfusion Injury in Mice. <i>Journal of Chemistry</i> , 2014, 2014, 1-9.	0.9	0
2778	Occupational Health Hazards among Sewage Workers: Oxidative Stress and Deranged Lung Functions. <i>Journal of Clinical and Diagnostic Research JCDR</i> , 2014, 8, BC11-2.	0.8	7
2779	The relationship between atherosclerosis and pulmonary emphysema. <i>Medicinski Pregled</i> , 2014, 67, 231-238.	0.1	5
2780	EFFECTS OF OVERNIGHT CAPTIVITY ON ANTIOXIDANT CAPACITY AND CLINICAL CHEMISTRY OF WILD SOUTHERN HAIRY-NOSED WOMBATS (<i>LASIORHINUS LATIFRONS</i>). <i>Journal of Zoo and Wildlife Medicine</i> , 2014, 45, 469-475.	0.3	4

#	ARTICLE	IF	CITATIONS
2781	Detoxifying effect of fermented black ginseng on H ₂ O ₂ -induced oxidative stress in HepG2 cells. <i>International Journal of Molecular Medicine</i> , 2014, 34, 1516-1522.	1.8	46
2782	Effects of methanolic extract from Fuzhuan brick-tea on hydrogen peroxide-induced oxidative stress in human intestinal epithelial adenocarcinoma Caco-2 cells. <i>Molecular Medicine Reports</i> , 2014, 9, 1061-1067.	1.1	14
2783	The neurobiology of bipolar disorder: identifying targets for specific agents and synergies for combination treatment. <i>International Journal of Neuropsychopharmacology</i> , 2014, 17, 1039-1052.	1.0	58
2784	A pilot double-blind randomised placebo-controlled dose-response trial assessing the effects of melatonin on infertility treatment (MIART): study protocol. <i>BMJ Open</i> , 2014, 4, e005986-e005986.	0.8	21
2785	The nexus between nutrient metabolism, oxidative stress and inflammation in transition cows. <i>Animal Production Science</i> , 2014, 54, 1204.	0.6	132
2786	Evaluation of Antioxidant, Radical-Scavenging and Acetylcholinesterase Inhibitory Activities of Various Culinary Herbs Cultivated in Southern Turkey. <i>Journal of Food Biochemistry</i> , 2014, 38, 602-611.	1.2	4
2787	Effects of diabetes on oxidative and nitrosative stress in kidney mitochondria from aged rats. <i>Journal of Bioenergetics and Biomembranes</i> , 2014, 46, 511-518.	1.0	27
2788	Antioxidant activity in cooked and simulated digested eggs. <i>Food and Function</i> , 2014, 5, 1464-1474.	2.1	39
2789	Synthesis of 4-methyl-N ² -(3-alkyl-2r,6c-diarylpiperidin-4-ylidene)-1,2,3-thiadiazole-5-carbohydrazides with antioxidant, antitumor and antimicrobial activities. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 5911-5921.	1.5	26
2790	Phytochemical screening, anti-oxidant activity and in vitro anticancer potential of ethanolic and water leaves extracts of <i>Annona muricata</i> (Graviola). <i>Asian Pacific Journal of Tropical Medicine</i> , 2014, 7, S355-S363.	0.4	147
2791	Induction of reactive oxygen species generation inhibits epithelialâ€‘mesenchymal transition and promotes growth arrest in prostate cancer cells. <i>Molecular Carcinogenesis</i> , 2014, 53, 537-547.	1.3	66
2792	Protective effect of N ² -acetylcysteine against ischemia/reperfusion injury in rat urinary bladders. <i>Cell Biochemistry and Function</i> , 2014, 32, 24-30.	1.4	6
2793	Whole Food versus Supplement: Comparing the Clinical Evidence of Tomato Intake and Lycopene Supplementation on Cardiovascular Risk Factors. <i>Advances in Nutrition</i> , 2014, 5, 457-485.	2.9	101
2794	Manganese Superoxide Dismutase Gene Expression and Cognitive Functions in Recurrent Depressive Disorder. <i>Neuropsychobiology</i> , 2014, 70, 23-28.	0.9	22
2795	Cypermethrin alters the status of oxidative stress in the peripheral blood: relevance to Parkinsonism. <i>Journal of Physiology and Biochemistry</i> , 2014, 70, 915-924.	1.3	15
2796	Effect of dietary microbially produced gammaâ€‘linolenic acid and plant extracts on enzymatic and nonâ€‘enzymatic antioxidants in various broiler chicken organs. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2014, 98, 860-866.	1.0	10
2797	Mixed Ligand Cu ^{II} N ₂ O ₂ Complexes: Biomimetic Synthesis, Activities in Vitro and Biological Models, Theoretical Calculations. <i>Inorganic Chemistry</i> , 2014, 53, 13019-13030.	1.9	15
2798	The primary cause of oxidative stress is ultra-exogenous sulfide formation (USF). <i>Medical Hypotheses</i> , 2014, 83, 766-768.	0.8	2

#	ARTICLE	IF	CITATIONS
2800	Chlorella Protects Against Hydrogen Peroxide-Induced Pancreatic Î²-Cell Damage. <i>Journal of Medicinal Food</i> , 2014, 17, 1273-1280.	0.8	5
2801	Cocoa flavonoid epicatechin protects pancreatic beta cell viability and function against oxidative stress. <i>Molecular Nutrition and Food Research</i> , 2014, 58, 447-456.	1.5	92
2802	Dielectric Barrier Discharge Plasma Efficiently Delivers an Apoptotic Response in Human Monocytic Lymphoma. <i>Plasma Processes and Polymers</i> , 2014, 11, 1175-1187.	1.6	65
2803	Treatment of hyperglycaemia in newly diagnosed diabetic patients is associated with a reduction in oxidative stress and improvement in β -cell function. <i>Diabetes/Metabolism Research and Reviews</i> , 2014, 30, 590-598.	1.7	18
2804	Reactive Oxygen Species and Reactive Nitrogen Species in Vitiligo. , 2014, , 3697-3736.		1
2805	Assessment of oxidative stress in serum by d-ROMs test. <i>Free Radical Research</i> , 2014, 48, 883-889.	1.5	53
2806	Effects of Cu-doped 45S5 bioactive glass on the lipid peroxidation-associated growth of human osteoblast-like cells <i>in vitro</i> . <i>Journal of Biomedical Materials Research - Part A</i> , 2014, 102, 3556-3561.	2.1	51
2807	Enhanced reduction in oxidative stress and altered glutathione and thioredoxin system response to unsaturated fatty acid load in familial hypercholesterolemia. <i>Clinical Biochemistry</i> , 2014, 47, 291-297.	0.8	5
2808	Functionalized graphene quantum dots loaded with free radicals combined with liquid chromatography and tandem mass spectrometry to screen radical scavenging natural antioxidants from Licorice and Scutellariae. <i>Journal of Separation Science</i> , 2014, 37, 3641-3648.	1.3	10
2809	Addition of docosahexaenoic acid, but not arachidonic acid, activates glutathione and thioredoxin antioxidant systems in murine hippocampal HT22 cells: potential implications in neuroprotection. <i>Journal of Neurochemistry</i> , 2014, 131, 470-483.	2.1	37
2810	Expression of Serum Toll-Like Receptor 9 and Oxidative Damage Markers in Benign and Malignant Breast Diseases. <i>DNA and Cell Biology</i> , 2014, 33, 630-636.	0.9	15
2811	Pathological mitochondrial copper overload in livers of Wilson's disease patients and related animal models. <i>Annals of the New York Academy of Sciences</i> , 2014, 1315, 6-15.	1.8	61
2812	Exacerbated oxidative stress in the fasting liver according to fuel partitioning. <i>Proteomics</i> , 2014, 14, 1905-1921.	1.3	27
2813	Environmental Factors, Oxidative Stress, and Adverse Developmental Outcomes. , 2014, , 581-596.		2
2814	Redox-Responsive Nanoparticles with Aggregation-Induced Emission (AIE) Characteristic for Fluorescence Imaging. <i>Macromolecular Bioscience</i> , 2014, 14, 1059-1066.	2.1	15
2815	Determination of different forms of aminothiols in red blood cells without washing erythrocytes. <i>Biomedical Chromatography</i> , 2014, 28, 327-331.	0.8	12
2816	Wheat Improvement: Historical Perspective and Mutational Approach”A Review. , 2014, , 297-322.		0
2817	EMOST: elimination of chronic constipation and diarrhea by low-frequency and intensity electromagnetic fields. <i>Electromagnetic Biology and Medicine</i> , 2014, 33, 68-74.	0.7	5

#	ARTICLE	IF	CITATIONS
2818	Antioxidant -Rich Natural Products and Diabetes Mellitus. , 0, , .		6
2819	The reduction of nNOS and ROS associated with decreased Ca ²⁺ in hippocampus of prenatally stressed female offspring. <i>Neurochemical Journal</i> , 2014, 8, 282-288.	0.2	1
2820	Telomere shortening in leukocyte subpopulations in depression. <i>BMC Psychiatry</i> , 2014, 14, 192.	1.1	56
2821	In vitro anticoagulant and antioxidant activities of <i>Jatropha gossypifolia</i> L. (Euphorbiaceae) leaves aiming therapeutical applications. <i>BMC Complementary and Alternative Medicine</i> , 2014, 14, 405.	3.7	33
2822	Lifestyle advice follow-up improve glycemic control, redox and inflammatory status in patients with type 2 diabetes. <i>Journal of Diabetes and Metabolic Disorders</i> , 2014, 13, 122.	0.8	8
2823	An assessment of oxidant/antioxidant status in patients with snake envenomation. <i>Emergency Medicine Journal</i> , 2014, 31, 48-52.	0.4	10
2824	Oxidative stress and schizophrenia. <i>Current Opinion in Psychiatry</i> , 2014, 27, 185-190.	3.1	157
2825	Vitamin C Compromises Cardiac Resuscitability in a Rat Model of Ventricular Fibrillation. <i>American Journal of Therapeutics</i> , 2014, 21, 352-357.	0.5	13
2826	Evaluation of <i>Synurus deltooides</i> for antioxidant, antimicrobial, and anti-proliferative activities using In vitro assays. <i>Food Science and Biotechnology</i> , 2014, 23, 1987-1996.	1.2	1
2827	Mechanisms of hepatitis B virus-induced hepatocellular carcinoma. <i>Reviews in Medical Microbiology</i> , 2014, 25, 20-25.	0.4	1
2828	Genetic Susceptibility, Residential Radon, and Lung Cancer in a Radon Prone Area. <i>Journal of Thoracic Oncology</i> , 2014, 9, 1073-1080.	0.5	39
2829	ASSOCIATION OF PLASMA MALONDIALDEHYDE WITH ARMS2 GENETIC VARIANTS AND PHENOTYPES IN POLYPOIDAL CHOROIDAL VASCULOPATHY AND AGE-RELATED MACULAR DEGENERATION. <i>Retina</i> , 2014, 34, 1167-1176.	1.0	9
2830	Oxidative balance score and oxidative stress biomarkers in a study of Whites, African Americans, and African immigrants. <i>Biomarkers</i> , 2014, 19, 471-480.	0.9	27
2831	Comparative Study of Magnetic Properties and Antitumor Effect of Nanocomplexes from Oxides Iron Nanoparticles and Doxorubicin During Radio-Frequency Hyperthermia of the Walker-256 Carcinosarcoma. <i>Nano LIFE</i> , 2014, 04, 1450003.	0.6	2
2832	Global Analysis of S-nitrosylation Sites in the Wild Type (APP) Transgenic Mouse Brain-Clues for Synaptic Pathology. <i>Molecular and Cellular Proteomics</i> , 2014, 13, 2288-2305.	2.5	35
2833	Flaxseed for Hypertension: Implications for Blood Pressure Regulation. <i>Current Hypertension Reports</i> , 2014, 16, 499.	1.5	44
2834	Antioxidant activity of fraxetin and its regeneration in aqueous media. A density functional theory study. <i>RSC Advances</i> , 2014, 4, 52920-52932.	1.7	33
2835	The Role of Inflammation in Gastric Cancer. <i>Advances in Experimental Medicine and Biology</i> , 2014, 816, 235-257.	0.8	15

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2836	Supplementation of Adult Rats with Moderate Amounts of β -Carotene Modulates the Redox Status in Plasma without Exerting Pro-Oxidant Effects in the Brain: A Safer Alternative to Food Fortification with Vitamin A?. <i>Nutrients</i> , 2014, 6, 5572-5582.	1.7	11
2837	Wild blackthorn (<i>Prunus spinosa</i> L.) and hawthorn (<i>Crataegus monogyna</i> Jacq.) fruits as valuable sources of antioxidants. <i>Fruits</i> , 2014, 69, 61-73.	0.3	65
2838	Oxidative Stress and Cancer. , 2014, , 129-150.		4
2839	Reactive oxygen species as mediator of tumor radiosensitivity. <i>Journal of Cancer Research and Therapeutics</i> , 2014, 10, 811.	0.3	59
2840	Studies on Periodontal Disease. <i>Oxidative Stress in Applied Basic Research and Clinical Practice</i> , 2014, , .	0.4	0
2841	Effect of Exercise on Oxidative Stress in Neurological Disorders. , 2014, , 287-327.		1
2842	Oxidative Stress Mechanisms and their Modulation. , 2014, , .		15
2843	Study of body mass index and free radicals in pulmonary tuberculosis patients. <i>National Journal of Physiology, Pharmacy and Pharmacology</i> , 2014, 4, 240.	0.0	0
2844	<i>IDH</i> Mutation in Glioma. <i>JAMA Neurology</i> , 2014, 71, 1319.	4.5	176
2845	Breaking barriers in obstructive sleep apnea . Focus on "Intermittent hypoxia-induced endothelial barrier dysfunction requires ROS-dependent MAP kinase activation" American Journal of Physiology - Cell Physiology, 2014, 306, C724-C725.	2.1	2
2846	Lipid Peroxidation: Production, Metabolism, and Signaling Mechanisms of Malondialdehyde and 4-Hydroxy-2-Nonenal. <i>Oxidative Medicine and Cellular Longevity</i> , 2014, 2014, 1-31.	1.9	3,650
2847	Antioxidant Supplementation and Therapies. <i>Oxidative Stress in Applied Basic Research and Clinical Practice</i> , 2014, , 183-209.	0.4	2
2848	Neurochemical Aspects of Oxidative and Nitrosative Stress. , 2014, , 175-206.		2
2849	Antioxidant Drug Therapy Approaches for Neuroprotection in Chronic Diseases of the Retina. <i>International Journal of Molecular Sciences</i> , 2014, 15, 1865-1886.	1.8	60
2850	Antioxidant and Free Radical Scavenging Activities of Chitosan Materials. <i>Advanced Materials Research</i> , 0, 1002, 81-90.	0.3	2
2851	Chitin, Chitosan, and Their Derivatives Against Oxidative Stress and Inflammation, and Some Applications. , 2014, , 389-405.		0
2852	Evaluation of the <i>In Vitro</i> and <i>In Vivo</i> Antioxidant Potentials of <i>Aframomum melegueta</i> Methanolic Seed Extract. <i>Journal of Tropical Medicine</i> , 2014, 2014, 1-6.	0.6	37
2853	Determination of Polyphenol Components of Korean Prostrate Spurge (<i>Euphorbia supina</i>) by Using Liquid Chromatography-Tandem Mass Spectrometry: Overall Contribution to Antioxidant Activity. <i>Journal of Analytical Methods in Chemistry</i> , 2014, 2014, 1-8.	0.7	25

#	ARTICLE	IF	CITATIONS
2854	Sleep, Plasticity and the Pathophysiology of Neurodevelopmental Disorders: The Potential Roles of Protein Synthesis and Other Cellular Processes. <i>Brain Sciences</i> , 2014, 4, 150-201.	1.1	49
2855	Antiallodynic effect of intrathecal epigallocatechin-3-gallate due to suppression of reactive oxygen species. <i>Korean Journal of Anesthesiology</i> , 2014, 67, 123.	0.9	9
2856	Silybum marianum oil attenuates oxidative stress and ameliorates mitochondrial dysfunction in mice treated with D-galactose. <i>Pharmacognosy Magazine</i> , 2014, 10, 92.	0.3	42
2857	Effects of ginsenosides-Rb1 on exercise-induced oxidative stress in forced swimming mice. <i>Pharmacognosy Magazine</i> , 2014, 10, 458.	0.3	28
2858	Comparative study of antidiabetic activity of <i>Cajanus cajan</i> and <i>Tamarindus indica</i> in alloxan-induced diabetic mice with a reference to in vitro antioxidant activity. <i>Pharmacognosy Research (discontinued)</i> , 2014, 6, 180.	0.3	29
2859	Ameliorative effect of <i>Phytoceae</i> , Cool against carbon tetrachloride-induced oxidative stress. <i>Pharmacognosy Research (discontinued)</i> , 2014, 6, 320.	0.3	9
2860	Scopolamine induced behavioral and biochemical modifications and protective effect of <i>Celastrus paniculatus</i> and <i>Angelica glauca</i> in rats. <i>International Journal of Nutrition, Pharmacology, Neurological Diseases</i> , 2014, 4, 158.	0.6	17
2861	In Vivo Antioxidant Activities of <i>Thermomyces</i> sp Pigment in Albino Mice. <i>International Journal of Agriculture Environment and Biotechnology</i> , 2014, 7, 355.	0.1	2
2862	Antioxidant properties of the extracts of <i>Talinum Triangulare</i> and its effect on antioxidant enzymes in tissue homogenate of swiss albino rat. <i>Toxicology International</i> , 2014, 21, 307.	0.1	19
2863	Possible Effects of Lycopene and Silymarin on Rat Liver Functions and Oxidative Stress Markers. <i>Turkish Journal of Biochemistry</i> , 2014, 39, 344-350.	0.3	1
2864	Allergic Contact Dermatitis Is Associated with Significant Oxidative Stress. <i>Dermatology Research and Practice</i> , 2014, 2014, 1-7.	0.3	17
2865	Preventive Effects of Dexmedetomidine on the Liver in a Rat Model of Acid-Induced Acute Lung Injury. <i>BioMed Research International</i> , 2014, 2014, 1-11.	0.9	17
2866	Mechanisms of Ascorbyl Radical Formation in Human Platelet-Rich Plasma. <i>BioMed Research International</i> , 2014, 2014, 1-10.	0.9	14
2867	Antioxidants in Asian-Korean and Caucasian Skin: The Influence of Nutrition and Stress. <i>Skin Pharmacology and Physiology</i> , 2014, 27, 293-302.	1.1	18
2868	CYP2J2 and EETs Protect against Oxidative Stress and Apoptosis <i>in Vivo</i> and <i>in Vitro</i> Following Lung Ischemia/Reperfusion. <i>Cellular Physiology and Biochemistry</i> , 2014, 33, 1663-1680.	1.1	49
2869	Soybean concentrated extract counteracts oxidative stress in the uterus of rats. <i>Climacteric</i> , 2014, 17, 402-409.	1.1	7
2870	<i>In Vivo</i> Antioxidant Activity of Black Soybean Peptide in Aging Mice Caused by D-Galactose. <i>Applied Mechanics and Materials</i> , 0, 618, 421-425.	0.2	6
2871	Comparison of cellular and molecular cytotoxic mechanisms of <i>Cochlodinium polykrikoides</i> in isolated trout and rat hepatocytes. <i>Toxicological and Environmental Chemistry</i> , 2014, 96, 917-930.	0.6	6

#	ARTICLE	IF	CITATIONS
2872	Puf3p induces translational repression of genes linked to oxidative stress. <i>Nucleic Acids Research</i> , 2014, 42, 1026-1041.	6.5	34
2873	Spices and Herbs May Improve Cardiovascular Risk Factors. <i>Nutrition Today</i> , 2014, 49, S8-S9.	0.6	1
2874	Increased ischaemia-modified albumin is associated with inflammation in acute rheumatic fever. <i>Cardiology in the Young</i> , 2014, 24, 430-436.	0.4	7
2875	<scpr>edox status evaluation in dogs affected by mast cell tumour. <i>Veterinary and Comparative Oncology</i> , 2014, 12, 120-129.	0.8	9
2876	The effect of Amaranth oil on monolayers of artificial lipids and hepatocyte plasma membranes with adrenalin-induced stress. <i>Food Chemistry</i> , 2014, 147, 152-159.	4.2	16
2877	Inflammatory lipid sphingosine-1-phosphate upregulates C-reactive protein via C/EBP β and potentiates breast cancer progression. <i>Oncogene</i> , 2014, 33, 3583-3593.	2.6	39
2878	Oxidant/antioxidant status in subjects with HIV infection in different clinical conditions. <i>Biomedicine and Aging Pathology</i> , 2014, 4, 235-242.	0.8	3
2879	Acetylation and carboxymethylation of the polysaccharide from <i>Ganoderma atrum</i> and their antioxidant and immunomodulating activities. <i>Food Chemistry</i> , 2014, 156, 279-288.	4.2	162
2880	Effect of choline on antioxidant defenses and gene expressions of Nrf2 signaling molecule in the spleen and head kidney of juvenile Jian carp (<i>Cyprinus carpio</i> var. Jian). <i>Fish and Shellfish Immunology</i> , 2014, 38, 374-382.	1.6	94
2881	$\hat{\gamma}$ -aminolevulinatase activity in lung cancer patients and its relationship with oxidative stress. <i>Biomedicine and Pharmacotherapy</i> , 2014, 68, 603-609.	2.5	11
2882	Neuroprotective effects of xanthone derivative of <i>Garcinia mangostana</i> against lead-induced acetylcholinesterase dysfunction and cognitive impairment. <i>Food and Chemical Toxicology</i> , 2014, 70, 151-156.	1.8	48
2883	Sperm DNA damage caused by oxidative stress: modifiable clinical, lifestyle and nutritional factors in male infertility. <i>Reproductive BioMedicine Online</i> , 2014, 28, 684-703.	1.1	306
2884	Large scale inkjet-printing of carbon nanotubes electrodes for antioxidant assays in blood bags. <i>Journal of Electroanalytical Chemistry</i> , 2014, 717-718, 61-68.	1.9	48
2885	Radioprotective effects of Dragon's blood and its extract against gamma irradiation in mouse bone marrow cells. <i>Physica Medica</i> , 2014, 30, 427-431.	0.4	16
2886	Association between susceptibility to advanced pelvic organ prolapse and glutathione S-transferase P1 Ile105Val polymorphism. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2014, 175, 205-208.	0.5	7
2887	Inorganic fluorescent nanoprobe for cellular and subcellular imaging. <i>TrAC - Trends in Analytical Chemistry</i> , 2014, 58, 120-129.	5.8	31
2888	COX-2 gene expression is correlated with cognitive function in recurrent depressive disorder. <i>Psychiatry Research</i> , 2014, 215, 488-490.	1.7	19
2889	Involvement of progesterone receptors in ascorbic Acid-mediated protection against ischemia-reperfusion-induced acute kidney injury. <i>Journal of Surgical Research</i> , 2014, 187, 278-288.	0.8	21

#	ARTICLE	IF	CITATIONS
2890	9-Hydroxyphorbide 1 \pm -mediated photodynamic therapy induces matrix metalloproteinase-2 (MMP-2) and MMP-9 down-regulation in Hep-2 cells via ROS-mediated suppression of the ERK pathway. <i>Photodiagnosis and Photodynamic Therapy</i> , 2014, 11, 55-62.	1.3	14
2891	The effect of Na-selenite treatment on the oxidative stress and antioxidants balance of multiple organ failure. <i>Journal of Critical Care</i> , 2014, 29, 883.e7-883.e11.	1.0	17
2892	EPR spectroscopy as a predictive tool for the assessment of marginal donor livers perfused on a normothermic ex vivo perfusion circuit. <i>Medical Hypotheses</i> , 2014, 82, 627-630.	0.8	4
2893	Tumor cell culture survival following glucose and glutamine deprivation at typical physiological concentrations. <i>Nutrition</i> , 2014, 30, 218-227.	1.1	27
2894	Oxidative damage in keratinocytes exposed to cigarette smoke and aldehydes. <i>Toxicology in Vitro</i> , 2014, 28, 485-491.	1.1	29
2895	Effects of vitamin A on the milk performance, antioxidant functions and immune functions of dairy cows. <i>Animal Feed Science and Technology</i> , 2014, 192, 15-23.	1.1	46
2896	Urethane dimethacrylate induces cytotoxicity and regulates cyclooxygenase-2, hemeoxygenase and carboxylesterase expression in human dental pulp cells. <i>Acta Biomaterialia</i> , 2014, 10, 722-731.	4.1	34
2897	Anti-ageing effects of dentifrices containing anti-oxidative, anti-inflammatory, and anti-bacterial agents (Tomarina [®]) on gingival collagen degradation in rats. <i>Archives of Oral Biology</i> , 2014, 59, 60-65.	0.8	2
2898	Effect of agro-industrial waste amendment on Cd uptake in <i>Amaranthus caudatus</i> grown under contaminated soil: An oxidative biomarker response. <i>Ecotoxicology and Environmental Safety</i> , 2014, 100, 105-113.	2.9	45
2899	Salivary biomarkers: Relationship between oxidative stress and alveolar bone loss in chronic periodontitis. <i>Acta Odontologica Scandinavica</i> , 2014, 72, 42-47.	0.9	113
2900	Antioxidant and rheological properties of guava jam with added concentrated grape juice. <i>Journal of the Science of Food and Agriculture</i> , 2014, 94, 146-152.	1.7	18
2901	Apocynin regulates cytokine production of CD8+ T cells. <i>Clinical and Experimental Medicine</i> , 2014, 14, 261-268.	1.9	10
2902	Antioxidant activities and phenolic compounds of date plum persimmon (<i>Diospyros lotus</i> L.) fruits. <i>Journal of Food Science and Technology</i> , 2014, 51, 950-956.	1.4	61
2903	Antioxidant Capacity of Hydrophilic Food Matrices: Optimization and Validation of ORAC Assay. <i>Food Analytical Methods</i> , 2014, 7, 409-416.	1.3	9
2904	Hsp70 regulation on Nox4/p22phox and cytoskeletal integrity as an effect of losartan in vascular smooth muscle cells. <i>Cell Stress and Chaperones</i> , 2014, 19, 115-134.	1.2	15
2905	Antioxidant activity of 3,4,5-trihydroxyphenylacetamide derivatives. <i>Archives of Pharmacal Research</i> , 2014, 37, 324-331.	2.7	2
2906	Oxidative Stress in Alopecia Areata: A Case Control Study. <i>American Journal of Clinical Dermatology</i> , 2014, 15, 57-64.	3.3	53
2907	Role of exercise-induced reactive oxygen species in the modulation of heat shock protein response. <i>Free Radical Research</i> , 2014, 48, 52-70.	1.5	52

#	ARTICLE	IF	CITATIONS
2908	The Relationship Between Metabolic Presbycusis and Serum Paraoxonase/Arylesterase Activity. <i>Indian Journal of Otolaryngology and Head and Neck Surgery</i> , 2014, 66, 147-152.	0.3	3
2909	Effect of 950 MHz UHF electromagnetic radiation on biomarkers of oxidative damage, metabolism of UFA and antioxidants in the livers of young rats of different ages. <i>International Journal of Radiation Biology</i> , 2014, 90, 159-168.	1.0	15
2910	Miroestrol, a phytoestrogen from <i>Pueraria mirifica</i> , improves the antioxidation state in the livers and uteri of β -naphthoflavone-treated mice. <i>Journal of Natural Medicines</i> , 2014, 68, 173-180.	1.1	10
2911	Peroxidase-like activity of magnetoferritin. <i>Mikrochimica Acta</i> , 2014, 181, 295-301.	2.5	30
2912	Tat-DJ-1 Protects Neurons from Ischemic Damage in the Ventral Horn of Rabbit Spinal Cord Via Increasing Antioxidant Levels. <i>Neurochemical Research</i> , 2014, 39, 187-193.	1.6	11
2913	Antiproliferative and apoptosis-inducing activity of an oxidovanadium(IV) complex with the flavonoid silibinin against osteosarcoma cells. <i>Journal of Biological Inorganic Chemistry</i> , 2014, 19, 59-74.	1.1	48
2914	Oleic acid promotes adaptability against oxidative stress in 3T3-L1 cells through lipohormesis. <i>Molecular and Cellular Biochemistry</i> , 2014, 386, 73-83.	1.4	27
2915	NO Fluorescence Quantification by Chitosan CdSe Quantum Dots Nanocomposites. <i>Journal of Fluorescence</i> , 2014, 24, 639-648.	1.3	9
2916	Senescence in cell oxidative status in two bird species with contrasting life expectancy. <i>Oecologia</i> , 2014, 174, 1097-1105.	0.9	29
2917	Influence of copper pre-exposure on biochemical responses of the sea anemone <i>Bunodosoma cangicum</i> to changes in oxygen availability. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2014, 162, 34-42.	1.3	3
2918	Aspidin BB, a phloroglucinol derivative, exerts its antibacterial activity against <i>Staphylococcus aureus</i> by inducing the generation of reactive oxygen species. <i>Research in Microbiology</i> , 2014, 165, 263-272.	1.0	28
2919	Astrocytes protect against diazinon- and diazoxon-induced inhibition of neurite outgrowth by regulating neuronal glutathione. <i>Toxicology</i> , 2014, 318, 59-68.	2.0	36
2920	Effect of vitamin E and C supplementation on oxidative damage and total antioxidant capacity in lead-exposed workers. <i>Environmental Toxicology and Pharmacology</i> , 2014, 37, 45-54.	2.0	44
2921	Potential role of catalase in mice with lipopolysaccharide/ β -galactosamine-induced fulminant liver injury. <i>Hepatology Research</i> , 2014, 44, 1151-1158.	1.8	19
2922	Elevated frequencies of micronuclei in pregnant women with type 1 diabetes mellitus and in their newborns. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2014, 763, 12-17.	0.9	21
2923	Designing nanoparticle carriers for enhanced drug efficacy in photodynamic therapy. <i>Biomaterials Science</i> , 2014, 2, 827-832.	2.6	20
2924	Effects of dietary supplementation of quercetin on performance, egg quality, cecal microflora populations, and antioxidant status in laying hens. <i>Poultry Science</i> , 2014, 93, 347-353.	1.5	115
2925	Mechanisms of nanotoxicity: Generation of reactive oxygen species. <i>Journal of Food and Drug Analysis</i> , 2014, 22, 64-75.	0.9	1,061

#	ARTICLE	IF	CITATIONS
2926	1,3,4-Thiadiazole: Synthesis, Reactions, and Applications in Medicinal, Agricultural, and Materials Chemistry. <i>Chemical Reviews</i> , 2014, 114, 5572-5610.	23.0	430
2927	Advances in the Pathogenesis of Adhesion Development: The Role of Oxidative Stress. <i>Reproductive Sciences</i> , 2014, 21, 823-836.	1.1	58
2928	Evaluation of in vitro antioxidant and apoptotic activities of <i>Cyperus rotundus</i> . <i>Asian Pacific Journal of Tropical Medicine</i> , 2014, 7, 105-112.	0.4	32
2929	Pyrethroid deltamethrin-induced developmental neurodegenerative cerebral injury and ameliorating effect of dietary glycoside naringin in male wistar rats. <i>Biomedicine and Aging Pathology</i> , 2014, 4, 1-8.	0.8	19
2930	Theoretical study on the peroxy radicals scavenging activity of esculetin and its regeneration in aqueous solution. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 1197-1207.	1.3	31
2931	Modulation of antioxidant, chelating and antimicrobial activity of poplar chemo-type propolis by extraction procures. <i>LWT - Food Science and Technology</i> , 2014, 57, 530-537.	2.5	53
2932	Concerted action of Nrf2-ARE pathway, MRN complex, HMGB1 and inflammatory cytokines - Implication in modification of radiation damage. <i>Redox Biology</i> , 2014, 2, 832-846.	3.9	108
2933	Indolizine: a biologically active moiety. <i>Medicinal Chemistry Research</i> , 2014, 23, 3593-3606.	1.1	188
2934	The physiological roles of apolipoprotein J/clusterin in metabolic and cardiovascular diseases. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2014, 15, 45-53.	2.6	110
2935	Composite Conjugated Polymer/Fullerene Nanoparticles as Sensitizers in Photodynamic Therapy for Cancer. <i>BioNanoScience</i> , 2014, 4, 15-26.	1.5	6
2936	DNA-based biosensors with external Nafion and chitosan membranes for the evaluation of the antioxidant activity of beer, coffee, and tea. <i>Open Chemistry</i> , 2014, 12, 604-611.	1.0	27
2937	Comparison between conventional and ultrasound-assisted extractions of natural antioxidants from walnut green husk. <i>Korean Journal of Chemical Engineering</i> , 2014, 31, 676-683.	1.2	22
2938	Protective and Therapeutic Effect of Molsidomine on Bleomycin-Induced Lung Fibrosis in Rats. <i>Inflammation</i> , 2014, 37, 1167-1178.	1.7	27
2939	Oxidative stress—implications, source and its prevention. <i>Environmental Science and Pollution Research</i> , 2014, 21, 1599-1613.	2.7	37
2940	Effect of dietary lysine on growth, intestinal enzymes activities and antioxidant status of sub-adult grass carp (<i>Ctenopharyngodon idella</i>). <i>Fish Physiology and Biochemistry</i> , 2014, 40, 659-671.	0.9	50
2942	Oxidative Stress, Inflammation and Endothelial Dysfunction: The Link Between Obstructive Sleep Apnoea and Vascular Disease in Type 2 Diabetes. <i>Oxidative Stress in Applied Basic Research and Clinical Practice</i> , 2014, , 149-171.	0.4	3
2943	Acute restraint stress induces an imbalance in the oxidative status of the zebrafish brain. <i>Neuroscience Letters</i> , 2014, 558, 103-108.	1.0	33
2944	Hypoxia and Resistance Exercise: A Comparison of Localized and Systemic Methods. <i>Sports Medicine</i> , 2014, 44, 1037-1054.	3.1	116

#	ARTICLE	IF	CITATIONS
2945	Chemopreventative effects of tetrahydrocurcumin on human diseases. <i>Food and Function</i> , 2014, 5, 12-17.	2.1	67
2946	3,5,7,3,4-Pentamethoxyflavone, a quercetin derivative protects DNA from oxidative challenges: Potential mechanism of action. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2014, 131, 96-103.	1.7	24
2947	Anthocyanins restore behavioral and biochemical changes caused by streptozotocin-induced sporadic dementia of Alzheimer's type. <i>Life Sciences</i> , 2014, 96, 7-17.	2.0	96
2948	Plasma and Erythrocyte Glutathione Peroxidase Activity, Serum Selenium Concentration, and Plasma Total Antioxidant Capacity in Cats with IRIS Stages I-IV Chronic Kidney Disease. <i>Journal of Veterinary Internal Medicine</i> , 2014, 28, 130-136.	0.6	28
2949	Hepatoprotective effect of polyphenols rich methanolic extract of <i>Amorphophallus commutatus</i> var. <i>wayanadensis</i> against CCl ₄ induced hepatic injury in swiss albino mice. <i>Food and Chemical Toxicology</i> , 2014, 67, 105-112.	1.8	26
2950	Nrf2: bane or blessing in cancer?. <i>Journal of Cancer Research and Clinical Oncology</i> , 2014, 140, 1251-1259.	1.2	49
2951	Increased 8-hydroxy-2-deoxyguanosine in plasma and decreased mRNA expression of human 8-oxoguanine DNA glycosylase 1, anti-oxidant enzymes, mitochondrial biogenesis-related proteins and glycolytic enzymes in leucocytes in patients with systemic lupus erythematosus. <i>Clinical and Experimental Immunology</i> , 2014, 176, 66-77.	1.1	52
2952	Thiol-based redox switches. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2014, 1844, 1335-1343.	1.1	189
2954	A highly selective fluorescence turn-on detection of hydrogen peroxide and d-glucose based on the aggregation/deaggregation of a modified tetraphenylethylene. <i>Tetrahedron Letters</i> , 2014, 55, 1471-1474.	0.7	79
2955	Increased oxidative stress in prefrontal cortex and hippocampus is related to depressive-like behavior in streptozotocin-diabetic rats. <i>Behavioural Brain Research</i> , 2014, 258, 52-64.	1.2	95
2956	Aβeta, oxidative stress in Alzheimer disease: Evidence based on proteomics studies. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014, 1842, 1248-1257.	1.8	158
2957	Phytochemicals in date co-products and their antioxidant activity. <i>Food Chemistry</i> , 2014, 158, 513-520.	4.2	44
2958	A comprehensive study on the synthesis and paramagnetic properties of PEG-coated Fe ₃ O ₄ nanoparticles. <i>Applied Surface Science</i> , 2014, 303, 425-432.	3.1	88
2959	Effects of storage temperature and duration on chemical properties, proximate composition and selected bioactive components of pomegranate (<i>Punica granatum</i> L.) arils. <i>LWT - Food Science and Technology</i> , 2014, 57, 508-515.	2.5	49
2960	Ethanol extract of lotus (<i>Nelumbo nucifera</i>) root exhibits an anti-adipogenic effect in human pre-adipocytes and anti-obesity and anti-oxidant effects in rats fed a high-fat diet. <i>Nutrition Research</i> , 2014, 34, 258-267.	1.3	57
2961	The Glutathione System: A New Drug Target in Neuroimmune Disorders. <i>Molecular Neurobiology</i> , 2014, 50, 1059-1084.	1.9	164
2962	Evaluation of methods of detecting cell reactive oxygen species production for drug screening and cell cycle studies. <i>Journal of Pharmacological and Toxicological Methods</i> , 2014, 70, 40-47.	0.3	33
2963	Potential antioxidant and anxiolytic effects of (+)-limonene epoxide in mice after marble-burying test. <i>Pharmacology Biochemistry and Behavior</i> , 2014, 118, 69-78.	1.3	69

#	ARTICLE	IF	CITATIONS
2964	Seafood Processing By-Products. , 2014, , .		22
2965	Evaluation of antioxidant activity and DNA cleavage protection effect of naphthyl hydroxamic acid derivatives through conventional and fluorescence microscopic methods. <i>Chemical Papers</i> , 2014, 68, .	1.0	2
2966	Isorhamnetin protects against oxidative stress by activating Nrf2 and inducing the expression of its target genes. <i>Toxicology and Applied Pharmacology</i> , 2014, 274, 293-301.	1.3	112
2967	Glial activation and post-synaptic neurotoxicity: The key events in Streptozotocin (ICV) induced memory impairment in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2014, 117, 104-117.	1.3	113
2968	Association Between Oxidative Stress and Periodontal Diseases in Animal Model Studies. <i>Oxidative Stress in Applied Basic Research and Clinical Practice</i> , 2014, , 33-51.	0.4	0
2969	Targeting Altered Metabolismâ€”Emerging Cancer Therapeutic Strategies. , 2014, , 427-448.		7
2970	Studies on the antioxidant activity of some thiazolidinedione, imidazolidinedione and rhodanine derivatives having a flavone core. <i>Luminescence</i> , 2014, 29, 1107-1112.	1.5	7
2971	6â€”Methyl 3â€”chromonyl 2,4â€”thiazolidinedione/2,4â€”imidazolidinedione/2â€”thioxoâ€”imidazolidineâ€”one compounds: novel scavengers of reactive oxygen species. <i>Luminescence</i> , 2014, 29, 367-373.	1.5	6
2972	Pathology of perinatal brain damage: background and oxidative stress markers. <i>Archives of Gynecology and Obstetrics</i> , 2014, 290, 13-20.	0.8	21
2973	Protective effects of an aqueous Pericarpium Granati extract against inflammatory damage in mice. <i>Journal of Functional Foods</i> , 2014, 9, 183-191.	1.6	7
2974	Evaluation of a dithiocarbamate derivative as a model of thiol oxidative stress in H9c2 rat cardiomyocytes. <i>Free Radical Biology and Medicine</i> , 2014, 70, 214-222.	1.3	10
2975	Targets of protein carbonylation in spontaneously hypertensive obese Koletsky rats and healthy Wistar counterparts: A potential role on metabolic disorders. <i>Journal of Proteomics</i> , 2014, 106, 246-259.	1.2	13
2976	High-fat and obesogenic diets: current and future strategies to fight obesity and diabetes. <i>Genes and Nutrition</i> , 2014, 9, 406.	1.2	26
2977	In vitro propagation and biosynthesis of steroidal sapogenins from various morphogenetic stages of <i>Moringa oleifera</i> Lam., and their antioxidant potential. <i>Acta Physiologiae Plantarum</i> , 2014, 36, 1749-1762.	1.0	18
2978	A Possible New Mechanism in the Pathophysiology of Polycystic Ovary Syndrome (PCOS): The Discovery That Leukocyte Telomere Length Is Strongly Associated With PCOS. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, E234-E240.	1.8	51
2979	Practical applications of trace minerals for dairy cattle ^{1,2} . <i>Journal of Animal Science</i> , 2014, 92, 416-426.	0.2	56
2980	Roles of sirtuins in the regulation of antioxidant defense and bioenergetic function of mitochondria under oxidative stress. <i>Free Radical Research</i> , 2014, 48, 1070-1084.	1.5	42
2981	Identification and Antiâ€”oxidant Capacity Determination of Phenolics and their Glycosides in Elderflower by Onâ€”line HPLCâ€”CUPRAC Method. <i>Phytochemical Analysis</i> , 2014, 25, 147-154.	1.2	29

#	ARTICLE	IF	CITATIONS
2982	Antioxidant properties of selected 4-phenyl hydroxycoumarins: Integrated in vitro and computational studies. <i>Chemico-Biological Interactions</i> , 2014, 214, 49-56.	1.7	40
2983	Effects of exposure to an extremely low frequency electromagnetic field on hippocampal long-term potentiation in rat. <i>Brain Research</i> , 2014, 1564, 1-8.	1.1	52
2984	Cerium Oxide Nanoparticles Inhibit Adipogenesis in Rat Mesenchymal Stem Cells: Potential Therapeutic Implications. <i>Pharmaceutical Research</i> , 2014, 31, 2952-2962.	1.7	38
2985	Obesity, diabetes mellitus, atherosclerosis and chronic periodontitis: a shared pathology via oxidative stress and mitochondrial dysfunction?. <i>Periodontology 2000</i> , 2014, 64, 139-153.	6.3	205
2986	Antioxidant effects of whey protein on muscle C2C12 cells. <i>Food Chemistry</i> , 2014, 155, 271-278.	4.2	86
2987	Management of Open Wounds. <i>Orthopedic Clinics of North America</i> , 2014, 45, 99-107.	0.5	11
2988	Protective effect of tomatine against hydrogen peroxide-induced neurotoxicity in neuroblastoma (SH-SY5Y) cells. <i>Journal of Pharmacy and Pharmacology</i> , 2014, 66, 844-854.	1.2	25
2989	Quinone propionic acid-based redox-triggered polymer nanoparticles for drug delivery: Computational analysis and <i>in vitro</i> evaluation. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	1.3	7
2990	Combined effects of dietary phytase and organic acid on growth and phosphorus utilization of juvenile yellow catfish <i>Pelteobagrus fulvidraco</i> . <i>Aquaculture</i> , 2014, 430, 1-8.	1.7	70
2991	Proteomics, oxidative stress and male infertility. <i>Reproductive BioMedicine Online</i> , 2014, 29, 32-58.	1.1	125
2992	Synthesis, characterization and biological evaluation of fused thiazolo[3,2-a]pyrimidine derivatives. <i>RSC Advances</i> , 2014, 4, 22866.	1.7	22
2993	Prophylactic and Therapeutic Effects of <i>Acanthopanax senticosus</i> Harms Extract on Murine Collagen-induced Arthritis. <i>Phytotherapy Research</i> , 2014, 28, 1513-1519.	2.8	13
2994	Camel's milk ameliorates TNBS-induced colitis in rats via downregulation of inflammatory cytokines and oxidative stress. <i>Food and Chemical Toxicology</i> , 2014, 69, 294-302.	1.8	82
2995	The role of albumin and PPAR α in differentiation-dependent change of fatty acid profile during differentiation of mesenchymal stem cells to hepatocyte-like cells. <i>Cell Biochemistry and Function</i> , 2014, 32, 410-419.	1.4	12
2996	Sulforaphane reduces the alterations induced by quinolinic acid: Modulation of glutathione levels. <i>Neuroscience</i> , 2014, 272, 188-198.	1.1	18
2997	Antioxidant and antitumor activities of 4-aryl coumarins and 4-aryl-3,4-dihydrocoumarins. <i>Biochimie</i> , 2014, 107, 203-210.	1.3	37
2998	Effects of Cilostazol on Oxidative Stress, Systemic Cytokine Release, and Spinal Cord Injury in a Rat Model of Transient Aortic Occlusion. <i>Annals of Vascular Surgery</i> , 2014, 28, 479-488.	0.4	33
2999	Caffeic acid: a review of its potential use in medications and cosmetics. <i>Analytical Methods</i> , 2014, 6, 3203-3210.	1.3	244

#	ARTICLE	IF	CITATIONS
3000	Neuroprotective Effects of Bikaverin on H ₂ O ₂ -Induced Oxidative Stress Mediated Neuronal Damage in SH-SY5Y Cell Line. <i>Cellular and Molecular Neurobiology</i> , 2014, 34, 973-985.	1.7	67
3001	Studies on Pediatric Disorders. <i>Oxidative Stress in Applied Basic Research and Clinical Practice</i> , 2014, , .	0.4	4
3002	Olmesartan protects against oxidative stress possibly through the Nrf2 signaling pathway and inhibits inflammation in daunorubicin-induced nephrotoxicity in rats. <i>International Immunopharmacology</i> , 2014, 18, 282-289.	1.7	31
3003	(E)-2-(Benzo[d]thiazol-2-yl)-3-heteroarylacrylonitriles as efficient Michael acceptors for cysteine: Real application in biological imaging. <i>Sensors and Actuators B: Chemical</i> , 2014, 193, 391-399.	4.0	8
3004	Serum Paraoxonase and Arylesterase Activities and Oxidative Stress Levels in Patients with SSRI Intoxication. <i>Journal of Membrane Biology</i> , 2014, 247, 17-21.	1.0	10
3005	Conundrum of pathogenesis of diabetic cardiomyopathy: role of vascular endothelial dysfunction, reactive oxygen species, and mitochondria. <i>Molecular and Cellular Biochemistry</i> , 2014, 386, 233-249.	1.4	65
3006	Effects of processing with dry heat and wet heat on the antioxidant profile of sorghum. <i>Food Chemistry</i> , 2014, 152, 210-217.	4.2	79
3007	Applications of inorganic nanoparticles as therapeutic agents. <i>Nanotechnology</i> , 2014, 25, 012001.	1.3	129
3008	Strawberry As a Functional Food: An Evidence-Based Review. <i>Critical Reviews in Food Science and Nutrition</i> , 2014, 54, 790-806.	5.4	194
3009	Characterization and density functional theory study of the antioxidant activity of quercetin and its sugar-containing analogues. <i>European Food Research and Technology</i> , 2014, 238, 121-128.	1.6	55
3010	Luteolin and luteolin-7-O-glucoside strengthen antioxidative potential through the modulation of Nrf2/MAPK mediated HO-1 signaling cascade in RAW 264.7 cells. <i>Food and Chemical Toxicology</i> , 2014, 65, 70-75.	1.8	75
3011	Long-term models of oxidative stress and mitochondrial damage in insulin resistance progression. <i>Journal of Theoretical Biology</i> , 2014, 340, 238-250.	0.8	5
3012	Spectroscopy investigation on chemo-catalytic, free radical scavenging and bactericidal properties of biogenic silver nanoparticles synthesized using <i>Salicornia brachiata</i> aqueous extract. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 118, 349-355.	2.0	72
3013	The Quest for Selective Nox Inhibitors and Therapeutics: Challenges, Triumphs and Pitfalls. <i>Antioxidants and Redox Signaling</i> , 2014, 20, 2741-2754.	2.5	72
3014	Metabolism and functions of copper in brain. <i>Progress in Neurobiology</i> , 2014, 116, 33-57.	2.8	351
3015	Are dopamine derivatives implicated in the pathogenesis of Parkinson's disease?. <i>Ageing Research Reviews</i> , 2014, 13, 107-114.	5.0	66
3016	Hepatoprotection of sesquiterpenoids: A quantitative structure-activity relationship (QSAR) approach. <i>Food Chemistry</i> , 2014, 146, 78-84.	4.2	53
3017	Oxidative damage and the Nrf2-ARE pathway in neurodegenerative diseases. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014, 1842, 1208-1218.	1.8	231

#	ARTICLE	IF	CITATIONS
3018	Inhibition of tumor necrosis factor-alpha and cyclooxygenase-2 by Isatin: A molecular mechanism of protection against TNBS-induced colitis in rats. <i>Chemico-Biological Interactions</i> , 2014, 209, 48-55.	1.7	33
3019	Neuroinflammation in ischemic brain injury as an adaptive process. <i>Medical Hypotheses</i> , 2014, 82, 151-158.	0.8	6
3020	Reduction of hexavalent chromium by digested oat bran proteins. <i>Food Chemistry</i> , 2014, 153, 171-176.	4.2	11
3021	The role of oxidative stress during inflammatory processes. <i>Biological Chemistry</i> , 2014, 395, 203-230.	1.2	469
3022	Rapid Method for Glutathione Quantitation Using High-Performance Liquid Chromatography with Coulometric Electrochemical Detection. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 402-408.	2.4	52
3023	Sustainable Food Production Includes Human and Environmental Health. <i>Integrated Science & Technology Program</i> , 2014, , .	0.7	4
3024	Oligomeric proanthocyanidins alleviate hexabromocyclododecane-induced cytotoxicity in HepG2 cells through regulation on ROS formation and mitochondrial pathway. <i>Toxicology in Vitro</i> , 2014, 28, 319-326.	1.1	20
3025	<i>Nigella sativa</i> L. seeds modulate mood, anxiety and cognition in healthy adolescent males. <i>Journal of Ethnopharmacology</i> , 2014, 152, 156-162.	2.0	72
3026	Scavenging capacity of coffee brews against oxygen and nitrogen reactive species and the correlation with bioactive compounds by multivariate analysis. <i>Food Research International</i> , 2014, 61, 228-235.	2.9	21
3027	Mitochondrial Ion Channels/Transporters as Sensors and Regulators of Cellular Redox Signaling. <i>Antioxidants and Redox Signaling</i> , 2014, 21, 987-1006.	2.5	63
3028	In vitro and in vivo antioxidant activities of a flavonoid isolated from celery (<i>Apium graveolens</i> L. var.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.1	68
3029	Nutritional compositions and antioxidative capacity of the silk obtained from immature and mature corn. <i>Journal of King Saud University - Science</i> , 2014, 26, 119-127.	1.6	51
3030	Protective effects of perindopril on d-galactose and aluminum trichloride induced neurotoxicity via the apoptosis of mitochondria-mediated intrinsic pathway in the hippocampus of mice. <i>Brain Research Bulletin</i> , 2014, 109, 46-53.	1.4	47
3031	8-Oxo-7,8-dihydro-2- β -deoxyguanosine, reactive oxygen species and ambulatory blood pressure in African and Caucasian men: The SABPA study. <i>Free Radical Research</i> , 2014, 48, 1291-1299.	1.5	13
3032	Oxidative damage to DNA constituents by iron-mediated Fenton reactions – the thymidine family. <i>Journal of Biomolecular Structure and Dynamics</i> , 2014, 32, 155-169.	2.0	7
3033	<i>In vitro</i> cytoprotection of modified casein hydrolysates by plastein reaction on rat hepatocyte cells. <i>CYTA - Journal of Food</i> , 2014, 12, 40-47.	0.9	18
3034	Phytochemicals, Antioxidant and Anti-Lipid Peroxidation Activities of Ethanolic Extract of a Medicinal Plant, <i>Andrographis paniculata</i> . <i>Journal of Food Biochemistry</i> , 2014, 38, 584-591.	1.2	10
3035	Effect of curcumin on hepatic heme oxygenase 1 expression in high fat diet fed rats: is there a triangular relationship?. <i>Canadian Journal of Physiology and Pharmacology</i> , 2014, 92, 805-812.	0.7	15

#	ARTICLE	IF	CITATIONS
3036	Gender-specific relationships between plasma oxidized low-density lipoprotein cholesterol, total antioxidant capacity, and central adiposity indicators. <i>European Journal of Preventive Cardiology</i> , 2014, 21, 884-891.	0.8	25
3037	Effects of vitexin-2-O-rhamnoside and vitexin-4-O-glucoside on growth and oxidative stress-induced cell apoptosis of human adipose-derived stem cells. <i>Journal of Pharmacy and Pharmacology</i> , 2014, 66, 988-997.	1.2	29
3038	Profile of antioxidant and antibacterial activities of different solvent extracts from <i>Abdosia rubescens</i> . <i>International Journal of Food Science and Technology</i> , 2014, 49, 2506-2513.	1.3	11
3039	Protective effect of resveratrol against pressure overload-induced heart failure. <i>Food Science and Nutrition</i> , 2014, 2, 218-229.	1.5	53
3040	Redox-Modulated Phenomena and Radiation Therapy: The Central Role of Superoxide Dismutases. <i>Antioxidants and Redox Signaling</i> , 2014, 20, 1567-1589.	2.5	106
3041	Effect of N-acetylmethylarginine, a metabolite accumulated in hyperargininemia, on parameters of oxidative stress in rats: protective role of vitamins and L-NAME. <i>Cell Biochemistry and Function</i> , 2014, 32, 511-519.	1.4	11
3042	Low serum concentrations of alpha-tocopherol are associated with increased risk of hip fracture. A NOREPOS study. <i>Osteoporosis International</i> , 2014, 25, 2545-2554.	1.3	23
3043	Antioxidant and Anti-Inflammatory Properties of Lower-Polymerized Polyphenols in Oolong Tea. <i>International Journal of Food Properties</i> , 2014, 17, 752-764.	1.3	13
3044	Mechanistic studies on the reactivity of sensitizing allylic hydroperoxides: investigation of the covalent modification of amino acids by carbon-radical intermediates. <i>Toxicology Research</i> , 2014, 3, 278.	0.9	22
3045	A naphthalimide based PET probe with Fe ³⁺ selective detection ability: theoretical and experimental study. <i>Analyst</i> , 2014, 139, 6352-6356.	1.7	35
3046	In vivo antiinflammatory activity and chemical composition of <i>Hypericum scabroides</i> . <i>Asian Pacific Journal of Tropical Medicine</i> , 2014, 7, S514-S520.	0.4	8
3047	Sputum containing zinc enhances carbapenem resistance, biofilm formation and virulence of <i>Pseudomonas aeruginosa</i> . <i>Microbial Pathogenesis</i> , 2014, 77, 36-41.	1.3	30
3048	Liuwei Dihuang, a traditional Chinese herbal formula, suppresses chronic inflammation and oxidative stress in obese rats. <i>Journal of Integrative Medicine</i> , 2014, 12, 447-454.	1.4	30
3049	Guanosine prevents behavioral alterations in the forced swimming test and hippocampal oxidative damage induced by acute restraint stress. <i>Pharmacology Biochemistry and Behavior</i> , 2014, 127, 7-14.	1.3	53
3050	Liriodenine enhances the apoptosis effect of valproic acid in human colon cancer cells through oxidative stress upregulation and Akt inhibition. <i>Process Biochemistry</i> , 2014, 49, 1990-2000.	1.8	5
3051	Effect of combination vitamin E and single long-acting progesterone dose on enhancing pregnancy outcomes in the first two parities of young rabbit does. <i>Animal Reproduction Science</i> , 2014, 150, 35-43.	0.5	3
3052	Diet/Nutrition, Inflammation, Cellular Senescence, Stem Cells, Diseases of Aging, and Aging. , 2014, , 125-144.		0
3053	Purification and characterization of an antioxidant peptide (GSQ) from Chinese leek (<i>Allium</i>) TJ ETQq1 1 0.784314 156 /Overlock 10 57		

#	ARTICLE	IF	CITATIONS
3054	Five new triterpenoidal saponins from the roots of <i>Ilex cornuta</i> and their protective effects against H ₂ O ₂ -induced cardiomyocytes injury. <i>FÄ-toterapÄ-Äç</i> , 2014, 99, 40-47.	1.1	13
3055	Microchip electrophoresis with amperometric detection method for profiling cellular nitrosative stress markers. <i>Analyst, The</i> , 2014, 139, 3265-3273.	1.7	29
3056	Evaluation and prediction of the antioxidant activity of <i>Epimedium</i> from multi-wavelength chromatographic fingerprints and chemometrics. <i>Analytical Methods</i> , 2014, 6, 1036.	1.3	11
3057	All-Optical Sensing of a Single-Molecule Electron Spin. <i>Nano Letters</i> , 2014, 14, 6443-6448.	4.5	83
3058	Oxy-nitroso shielding burst model of cold atmospheric plasma therapeutics. <i>Clinical Plasma Medicine</i> , 2014, 2, 38-49.	3.2	89
3059	New insights into the antioxidant activity of hydroxycinnamic and hydroxybenzoic systems: Spectroscopic, electrochemistry, and cellular studies. <i>Free Radical Research</i> , 2014, 48, 1473-1484.	1.5	23
3060	Involvement of superoxide and nitric oxide in BRAF ^{V600E} inhibitor PLX4032-induced growth inhibition of melanoma cells. <i>Integrative Biology (United Kingdom)</i> , 2014, 6, 1211-1217.	0.6	21
3061	A novel flavin derivative reveals the impact of glucose on oxidative stress in adipocytes. <i>Chemical Communications</i> , 2014, 50, 8181-8184.	2.2	32
3062	Protective effects of <i>Drynaria fortunei</i> against 6-hydroxydopamine-induced oxidative damage in B35 cells via the PI3K/AKT pathway. <i>Food and Function</i> , 2014, 5, 1956-1965.	2.1	10
3063	Evaluation Of Antioxidant Properties<i>In Vitro</i> of Plastein-Reaction-Stressed Soybean Protein Hydrolysate. <i>International Journal of Food Properties</i> , 2014, 17, 152-162.	1.3	9
3064	Potential protective effect of highly bioavailable curcumin on an oxidative stress model induced by microinjection of sodium nitroprusside in mice brain. <i>Food and Function</i> , 2014, 5, 984-989.	2.1	24
3065	<scp>AMP</scp>â€activated protein kinase mediates the antioxidant effects of resveratrol through regulation of the transcription factor FoxO1. <i>FEBS Journal</i> , 2014, 281, 4421-4438.	2.2	127
3066	Benefits of the antioxidant and antiâ€inflammatory activity of etoricoxib in the prevention of ovarian ischemia/reperfusion injury induced experimentally in rats. <i>Journal of Obstetrics and Gynaecology Research</i> , 2014, 40, 1674-1679.	0.6	11
3067	Redox Proteomics: From Bench to Bedside. <i>Advances in Experimental Medicine and Biology</i> , 2014, 806, 301-317.	0.8	17
3068	Damage induced by paracetamol compared with N -acetylcysteine. <i>Journal of the Chinese Medical Association</i> , 2014, 77, 463-468.	0.6	17
3069	Nrf2, the master redox switch: The Achilles' heel of ovarian cancer?. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2014, 1846, 494-509.	3.3	36
3070	Phenolic production and antioxidant properties of some Macedonian medicinal plants. <i>Open Life Sciences</i> , 2014, 9, 888-900.	0.6	35
3071	Potato Chip Intake Increases Ascorbic Acid Levels and Decreases Reactive Oxygen Species in SMP30/GNL Knockout Mouse Tissues. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 9286-9295.	2.4	18

#	ARTICLE	IF	CITATIONS
3072	Analysis of protein carbonylation " pitfalls and promise in commonly used methods. <i>Free Radical Research</i> , 2014, 48, 1145-1162.	1.5	50
3073	A new antioxidant beverage produced with green tea and apple. <i>International Journal of Food Sciences and Nutrition</i> , 2014, 65, 552-557.	1.3	12
3074	Free Radical Scavenging Potential of Selected Medicinal Plants: Quantitative Evaluation by a Novel Online HPTLC-DPPH Method. <i>Journal of Herbs, Spices and Medicinal Plants</i> , 2014, 20, 386-393.	0.5	1
3075	1-Acetyl-3,5-diaryl-4,5-dihydro(1 <i>H</i>)pyrazoles: Exhibiting Anticancer Activity through Intracellular ROS Scavenging and the Mitochondria-Dependent Death Pathway. <i>Archiv Der Pharmazie</i> , 2014, 347, 717-727.	2.1	19
3076	Chemical Compositions and Antioxidative and Antidiabetic Properties of Underutilized Vegetable Palm Hearts from <i>Plectocomiopsis geminiflora</i> and <i>Eugeissona insignis</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 2077-2084.	2.4	8
3077	Advancements of Mass Spectrometry in Biomedical Research. <i>Advances in Experimental Medicine and Biology</i> , 2014, , .	0.8	6
3078	Oxidative Stress in Depression. , 2014, , 2369-2395.		5
3079	Coffee Modulates Transcription Factor Nrf2 and Highly Increases the Activity of Antioxidant Enzymes in Rats. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 116-122.	2.4	38
3080	Simply combining fasudil and lipoic acid in a novel multitargeted chemical entity potentially useful in central nervous system disorders. <i>RSC Advances</i> , 2014, 4, 37266-37269.	1.7	18
3081	Enhancing permanganate chemiluminescence detection for the determination of glutathione and glutathione disulfide in biological matrices. <i>Analyst</i> , The, 2014, 139, 2416-2422.	1.7	19
3082	Characterization and hepatoprotective effect of polysaccharides from <i>Ziziphus jujuba</i> Mill. var. <i>spinosa</i> (Bunge) Hu ex H. F. Chou sarcocarp. <i>Food and Chemical Toxicology</i> , 2014, 74, 76-84.	1.8	62
3083	Effects of spice extracts on lipid fraction oxidative stability of cookies investigated by DSC. <i>Journal of Thermal Analysis and Calorimetry</i> , 2014, 118, 1697-1705.	2.0	31
3084	Differential effects of baicalein and its sulfated derivatives in inhibiting proliferation of human breast cancer MCF-7 cells. <i>Chemico-Biological Interactions</i> , 2014, 221, 99-108.	1.7	34
3085	Evaluation of antioxidant properties of major dietary polyphenols and their protective effect on 3T3-L1 preadipocytes and red blood cells exposed to oxidative stress. <i>Free Radical Research</i> , 2014, 48, 387-401.	1.5	57
3086	Differential neuromodulatory role of NO in anxiety and seizures: an experimental study. <i>Nitric Oxide - Biology and Chemistry</i> , 2014, 43, 55-61.	1.2	16
3087	Chemopreventive effects of standardized papaya leaf fraction on oxidatively stressed human liver cells. <i>Food Research International</i> , 2014, 64, 387-395.	2.9	4
3088	Iron-sulfur protein in mitochondrial complexes of <i>Spodoptera litura</i> as potential site for ROS generation. <i>Journal of Insect Physiology</i> , 2014, 71, 21-29.	0.9	8
3089	Substituent position influence on the electrochemical properties and antioxidant activity of tetra(aminophenyl)porphyrins. <i>Journal of Porphyrins and Phthalocyanines</i> , 2014, 18, 585-593.	0.4	20

#	ARTICLE	IF	CITATIONS
3090	Hydrophilic carbon clusters as therapeutic, high-capacity antioxidants. Trends in Biotechnology, 2014, 32, 501-505.	4.9	34
3091	Freeze-Dried Strawberries Lower Serum Cholesterol and Lipid Peroxidation in Adults with Abdominal Adiposity and Elevated Serum Lipids. Journal of Nutrition, 2014, 144, 830-837.	1.3	107
3092	Grafting of Gallic Acid onto Chitosan Enhances Antioxidant Activities and Alters Rheological Properties of the Copolymer. Journal of Agricultural and Food Chemistry, 2014, 62, 9128-9136.	2.4	257
3093	Nutritional and Phyto-Therapeutic Potential of Papaya (<i>Carica Papaya</i> Linn.): An Overview. International Journal of Food Properties, 2014, 17, 1637-1653.	1.3	56
3094	Di(2-ethylhexyl)phthalate exposure impairs insulin receptor and glucose transporter 4 gene expression in L6 myotubes. Human and Experimental Toxicology, 2014, 33, 685-700.	1.1	23
3095	Citric Acid Effects on Brain and Liver Oxidative Stress in Lipopolysaccharide-Treated Mice. Journal of Medicinal Food, 2014, 17, 588-598.	0.8	106
3096	Influence of exercise intensity on systemic oxidative stress and antioxidant capacity. Clinical Physiology and Functional Imaging, 2014, 34, 377-383.	0.5	80
3097	Effect of Tacrine and Caffeic Acid, A Novel Multifunctional Anti-Alzheimer's Dimer, Against Oxidative Stress-Induced Cell Death in HT-22 Hippocampal Neurons: Involvement of Nrf2/HO-1 Pathway. CNS Neuroscience and Therapeutics, 2014, 20, 840-850.	1.9	47
3098	Valproic Acid Protects Motor Neuron Death by Inhibiting Oxidative Stress and Endoplasmic Reticulum Stress-Mediated Cytochrome C Release after Spinal Cord Injury. Journal of Neurotrauma, 2014, 31, 582-594.	1.7	83
3099	Comparative Study on the Phenolic Content, Antioxidant Properties and HPLC Fingerprinting of Three Varieties of <i>C. elosia</i> Species. Journal of Food Biochemistry, 2014, 38, 575-583.	1.2	19
3100	Si/SiO ₂ quantum dots cause cytotoxicity in lung cells through redox homeostasis imbalance. Chemico-Biological Interactions, 2014, 220, 102-115.	1.7	40
3101	Chemical composition, nutritional value and antioxidant properties of autochthonous <i>Prunus avium</i> cultivars from Campania Region. Food Research International, 2014, 64, 188-199.	2.9	58
3102	Scavenging and Characterization of Short-Lived Radicals Using a Novel Stable Nitroxide Radical with a Characteristic UV-vis Absorption Spectrum. Organic Letters, 2014, 16, 3868-3871.	2.4	9
3103	Improvement of Crops in the Era of Climatic Changes. , 2014, , .		7
3104	Oxidative stress in pregnancy and fertility pathologies. Cell Biology and Toxicology, 2014, 30, 301-312.	2.4	71
3105	Methionine sulfoxide reductase B3 deficiency causes hearing loss due to stereocilia degeneration and apoptotic cell death in cochlear hair cells. Human Molecular Genetics, 2014, 23, 1591-1601.	1.4	53
3106	Reactive species and oxidative stress in optic nerve vulnerable to secondary degeneration. Experimental Neurology, 2014, 261, 136-146.	2.0	32
3107	Structural identification of compounds from <i>Toona sinensis</i> leaves with antioxidant and anticancer activities. Journal of Functional Foods, 2014, 10, 427-435.	1.6	44

#	ARTICLE	IF	CITATIONS
3108	Chemical composition, antioxidant and macromolecule damage protective effects of Picrorhiza kurroa Royle ex Benth. South African Journal of Botany, 2014, 94, 249-254.	1.2	32
3109	Melatonin: a well-documented antioxidant with conditional pro-oxidant actions. Journal of Pineal Research, 2014, 57, 131-146.	3.4	655
3110	Manipulation of Silver Nanocubes Detection Sensitivity to Radical Compounds by Modifying Their Surfaces with Anionic/Cationic Polyelectrolytes for Wide-Range Quantification of Radicals. Analytical Chemistry, 2014, 86, 6675-6682.	3.2	3
3111	Intracellular Antioxidant Detoxifying Effects of Diosmetin on 2,2-Azobis(2-amidinopropane) Dihydrochloride (AAPH)-Induced Oxidative Stress through Inhibition of Reactive Oxygen Species Generation. Journal of Agricultural and Food Chemistry, 2014, 62, 8648-8654.	2.4	150
3112	Epimeric 2-Deoxyribose Lesions: Products from the Improper Chemical Repair of 2-Deoxyribose Radicals. Chemical Research in Toxicology, 2014, 27, 470-479.	1.7	8
3113	Catalase Mimic Property of Co ₃ O ₄ Nanomaterials with Different Morphology and Its Application as a Calcium Sensor. ACS Applied Materials & Interfaces, 2014, 6, 7090-7098.	4.0	150
3114	A new illicinolide from leaves of <i>Illicium micranthum</i> Dunn. Natural Product Research, 2014, 28, 1598-1601.	1.0	5
3115	Reactions of Benzene and 3-Methylpyrrole with the •OH and •OOH Radicals: An Assessment of Contemporary Density Functional Theory Methods. Journal of Physical Chemistry A, 2014, 118, 2667-2682.	1.1	7
3116	Characterization of rock bream (<i>Oplegnathus fasciatus</i>) cytosolic Cu/Zn superoxide dismutase in terms of molecular structure, genomic arrangement, stress-induced mRNA expression and antioxidant function. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2014, 176, 18-33.	0.7	16
3117	Sulforaphane induces autophagy through ERK activation in neuronal cells. FEBS Letters, 2014, 588, 3081-3088.	1.3	55
3118	Excess ROS induced by AAPH causes myocardial hypertrophy in the developing chick embryo. International Journal of Cardiology, 2014, 176, 62-73.	0.8	34
3119	Electrochemical determination of α -lipoic acid in human serum at platinum electrode. Journal of Electroanalytical Chemistry, 2014, 729, 128-134.	1.9	23
3120	New Triterpenoid Saponins from <i>Ilex cornuta</i> and Their Protective Effects against H ₂ O ₂ -Induced Myocardial Cell Injury. Journal of Agricultural and Food Chemistry, 2014, 62, 488-496.	2.4	36
3121	Identification of Inherently Antioxidant Regions in Proteins with Radical-Directed Dissociation Mass Spectrometry. Analytical Chemistry, 2014, 86, 3653-3658.	3.2	6
3122	The Use of Antioxidants in Radiotherapy-Induced Skin Toxicity. Integrative Cancer Therapies, 2014, 13, 38-45.	0.8	32
3123	Redox active Double Wall Carbon Nanotubes show intrinsic anti-proliferative effects and modulate autophagy in cancer cells. Carbon, 2014, 78, 589-600.	5.4	9
3124	The antioxidant butylated hydroxyanisole potentiates the toxic effects of propylparaben in cultured mammalian cells. Food and Chemical Toxicology, 2014, 72, 195-203.	1.8	18
3125	Renoprotective mechanisms of chlorogenic acid in cisplatin-induced kidney injury. Toxicology, 2014, 324, 98-107.	2.0	83

#	ARTICLE	IF	CITATIONS
3126	The mitochondrial-targeted antioxidant MitoQ ameliorates metabolic syndrome features in obesogenic diet-fed rats better than Apocynin or Allopurinol. <i>Free Radical Research</i> , 2014, 48, 1232-1246.	1.5	58
3127	Interferon-gamma induced cell death: Regulation and contributions of nitric oxide, cJun N-terminal kinase, reactive oxygen species and peroxynitrite. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2014, 1843, 2645-2661.	1.9	36
3128	Phenolic extracts of <i>Rubus ulmifolius</i> Schott flowers: characterization, microencapsulation and incorporation into yogurts as nutraceutical sources. <i>Food and Function</i> , 2014, 5, 1091-1100.	2.1	69
3129	Indicaxanthin from Cactus Pear Fruit Exerts Anti-Inflammatory Effects in Carrageenin-Induced Rat Pleurisy. <i>Journal of Nutrition</i> , 2014, 144, 185-192.	1.3	67
3130	Cocoa protective effects against abnormal fat storage and oxidative stress induced by a high-fat diet involve PPAR α signalling activation. <i>Food and Function</i> , 2014, 5, 2931-2939.	2.1	16
3131	Plant Secondary Metabolites. <i>Studies in Natural Products Chemistry</i> , 2014, 42, 267-304.	0.8	38
3132	Association of the C242T polymorphism in the NAD(P)H oxidase P22 phox gene with type 2 diabetes mellitus risk: a meta-analysis. <i>Current Medical Research and Opinion</i> , 2014, 30, 415-422.	0.9	11
3133	Carbon dots from tryptophan doped glucose for peroxynitrite sensing. <i>Analytica Chimica Acta</i> , 2014, 852, 174-180.	2.6	46
3134	Metal-mediated DNA damage and cell death: mechanisms, detection methods, and cellular consequences. <i>Metallomics</i> , 2014, 6, 1358-1381.	1.0	81
3135	Anti-neurotoxicity effects of oxoisoaporphine-lipoic acid hybrids. <i>Chemico-Biological Interactions</i> , 2014, 223, 45-50.	1.7	4
3136	Naringin modulates the impairment of memory, anxiety, locomotor, and emotionality behaviors in rats exposed to deltamethrin; a possible mechanism association with oxidative stress, acetylcholinesterase and ATPase. <i>Biomedicine and Preventive Nutrition</i> , 2014, 4, 527-533.	0.9	23
3137	Oxidized forms of dietary antioxidants: Friends or foes?. <i>Trends in Food Science and Technology</i> , 2014, 39, 156-166.	7.8	12
3138	Antioxidant and hepatoprotective effects of <i>Solanum xanthocarpum</i> leaf extracts against CCl ₄ -induced liver injury in rats. <i>Pharmaceutical Biology</i> , 2014, 52, 1060-1068.	1.3	17
3139	Curcumin enhances parental reproductive lifespan and progeny viability in <i>Drosophila melanogaster</i> . <i>Age</i> , 2014, 36, 9702.	3.0	25
3140	Fatty acid synthase/oxidized low-density lipoprotein as metabolic oncogenes linking obesity to colon cancer via NF-kappa B in Egyptians. <i>Medical Oncology</i> , 2014, 31, 192.	1.2	23
3141	Evaluation of antioxidant and antiproliferative activity of <i>Flueggea leucopyrus</i> Willd (katupila). <i>BMC Complementary and Alternative Medicine</i> , 2014, 14, 274.	3.7	19
3142	Endogenous ROS levels in <i>C. elegans</i> under exogenous stress support revision of oxidative stress theory of life-history tradeoffs. <i>BMC Evolutionary Biology</i> , 2014, 14, 161.	3.2	23
3143	The biological importance of glutathione peroxidase and peroxiredoxin backup systems in bivalves during peroxide exposure. <i>Marine Environmental Research</i> , 2014, 101, 81-90.	1.1	23

#	ARTICLE	IF	CITATIONS
3144	Utilization of the photophysical and photochemical properties of phosphorescent transition metal complexes in the development of photofunctional cellular sensors, imaging reagents, and cytotoxic agents. <i>RSC Advances</i> , 2014, 4, 10560.	1.7	84
3145	Investigation of the Solution Phase Chemi-Luminescence of 1,2,4-triazole Derivatives. <i>Chemistry of Heterocyclic Compounds</i> , 2014, 50, 979-985.	0.6	1
3146	Melatonin administration decreases adipogenesis in the liver of ob/ob mice through autophagy modulation. <i>Journal of Pineal Research</i> , 2014, 56, 126-133.	3.4	26
3147	Stable selones in glutathione-peroxidase-like catalytic cycle of selenonicotinamide derivative. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 2404-2412.	1.5	48
3148	Cellular stress response and pulmonary inflammation. <i>Microbes and Infection</i> , 2014, 16, 871-876.	1.0	4
3149	Biodistribution and toxicological study of PEGylated single-wall carbon nanotubes in the zebrafish (<i>Danio rerio</i>) nervous system. <i>Toxicology and Applied Pharmacology</i> , 2014, 280, 484-492.	1.3	26
3150	In vitro synergism of antimutagenic and antioxidant activities of Phoenix dactylifera fruit. <i>Food Science and Biotechnology</i> , 2014, 23, 881-887.	1.2	4
3151	Comparison of solid-state-cultured and wood-cultured <i>Antrodia camphorata</i> in anti-inflammatory effects using NF- κ B/luciferase inducible transgenic mice. <i>Phytomedicine</i> , 2014, 21, 1708-1716.	2.3	14
3152	Role of the Keap1-Nrf2 Pathway in Cancer. <i>Advances in Cancer Research</i> , 2014, 122, 281-320.	1.9	134
3153	Marine Algae-Derived Bioactive Peptides for Human Nutrition and Health. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 9211-9222.	2.4	128
3155	Synthesis and cytotoxic evaluation of novel 2,3-di-O-alkyl derivatives of l-ascorbic acid. <i>Medicinal Chemistry Research</i> , 2014, 23, 1257-1266.	1.1	4
3156	Structure and function of BCRP, a broad specificity transporter of xenobiotics and endobiotics. <i>Archives of Toxicology</i> , 2014, 88, 1205-1248.	1.9	61
3157	Review article: the role of oxidative stress in pathogenesis and treatment of inflammatory bowel diseases. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2014, 387, 605-620.	1.4	288
3158	Oxidative stress and BDNF as possible markers for the severity of crack cocaine use in early withdrawal. <i>Psychopharmacology</i> , 2014, 231, 4031-4039.	1.5	50
3159	Profiling thiol metabolites and quantification of cellular glutathione using FT-ICR-MS spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 4371-4379.	1.9	21
3160	Assessment of adenosine deaminase (ADA) activity and oxidative stress in patients with chronic tonsillitis. <i>European Archives of Oto-Rhino-Laryngology</i> , 2014, 271, 1797-1802.	0.8	7
3161	Influence of acute exercise of varying intensity and duration on postprandial oxidative stress. <i>European Journal of Applied Physiology</i> , 2014, 114, 1913-1924.	1.2	19
3162	Effect of Silica-Based Nanomaterials and Their Derivate with PEGylation on Cementoblasts. <i>Annals of Biomedical Engineering</i> , 2014, 42, 1781-1789.	1.3	4

#	ARTICLE	IF	CITATIONS
3163	Probing the cell death signaling pathway of HepG2 cell line induced by copper-1,10-phenanthroline complex. <i>BioMetals</i> , 2014, 27, 445-458.	1.8	17
3164	Antioxidant status of serum, muscle, intestine and hepatopancreas for fish fed graded levels of biotin. <i>Fish Physiology and Biochemistry</i> , 2014, 40, 499-510.	0.9	24
3165	Effects of methylglyoxal and pyridoxamine in rat brain mitochondria bioenergetics and oxidative status. <i>Journal of Bioenergetics and Biomembranes</i> , 2014, 46, 347-355.	1.0	33
3166	Anethole prevents hydrogen peroxide-induced apoptosis and collagen metabolism alterations in human skin fibroblasts. <i>Molecular and Cellular Biochemistry</i> , 2014, 394, 217-224.	1.4	30
3167	Antiproliferative Effect of ASC-J9 Delivered by PLGA Nanoparticles against Estrogen-Dependent Breast Cancer Cells. <i>Molecular Pharmaceutics</i> , 2014, 11, 2864-2875.	2.3	33
3168	A mitochondrial strategy for safeguarding the reprogrammed genome. <i>Cell Regeneration</i> , 2014, 3, 3:5.	1.1	3
3169	Phosphorylation of serine 349 of p62 in Alzheimer's disease brain. <i>Acta Neuropathologica Communications</i> , 2014, 2, 50.	2.4	43
3170	Glutathione S-transferase Mu 2-transduced mesenchymal stem cells ameliorated anti-glomerular basement membrane antibody-induced glomerulonephritis by inhibiting oxidation and inflammation. <i>Stem Cell Research and Therapy</i> , 2014, 5, 19.	2.4	31
3171	Antioxidant activities of the oligosaccharides from the roots, flowers and leaves of <i>Panax ginseng</i> C.A. Meyer. <i>Carbohydrate Polymers</i> , 2014, 106, 293-298.	5.1	38
3172	Electrochemical Sensor and Biosensor Strategies for ROS/RNS Detection in Biological Systems. <i>Electroanalysis</i> , 2014, 26, 1277-1286.	1.5	70
3173	Bioactive compounds, <i>in vitro</i> antioxidant capacity and Maillard reaction products of raw, boiled and fried garlic (<i>Allium sativum</i> L.). <i>International Journal of Food Science and Technology</i> , 2014, 49, 1308-1314.	1.3	29
3174	Elevated risk of type 2 diabetes for development of Alzheimer disease: A key role for oxidative stress in brain. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014, 1842, 1693-1706.	1.8	286
3175	Decreased mitochondrial SIRT3 expression is a potential molecular biomarker associated with poor outcome in breast cancer. <i>Human Pathology</i> , 2014, 45, 1071-1077.	1.1	68
3176	Infusion, decoction and hydroalcoholic extracts of leaves from artichoke (<i>Cynara cardunculus</i> L.) Tj ETQq1 1 0.784314 rgBT /Overlock International, 2014, 64, 150-156.	2.9	51
3177	Essential roles of iron superoxide dismutase in photoautotrophic growth of <i>Synechocystis</i> sp. PCC 6803 and heterogeneous expression of marine <i>Synechococcus</i> sp. CC9311 copper/zinc superoxide dismutase within its sodB knockdown mutant. <i>Microbiology (United Kingdom)</i> , 2014, 160, 228-241.	0.7	14
3178	Protective effect of <i>Punica granatum</i> L. (pomegranate) fruit extracts and ellagic acid against cytotoxicity induced by methyl tertiary butyl ether in isolated rat hepatocytes. <i>Toxicological and Environmental Chemistry</i> , 2014, 96, 150-161.	0.6	3
3179	Targeting Cancer Cells via the Reactive Oxygen Species-Mediated Unfolded Protein Response with a Novel Synthetic Polyphenol Conjugate. <i>Clinical Cancer Research</i> , 2014, 20, 4302-4313.	3.2	54
3180	Purple Sweet Potato (<i>Ipomoea batatas</i> L.) Anthocyanins: Preventive Effect on Acute and Subacute Alcoholic Liver Damage and Dealcoholic Effect. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 2364-2373.	2.4	45

#	ARTICLE	IF	CITATIONS
3181	Antioxidant Properties of Wheat Bran against Oxidative Stress. , 2014, , 181-199.		26
3182	X-ray structural analysis and antitumor activity of new salicylic acid derivatives. Structural Chemistry, 2014, 25, 1747-1758.	1.0	6
3183	Ecotoxicological effects on the earthworm Eisenia fetida following exposure to soil contaminated with imidacloprid. Environmental Science and Pollution Research, 2014, 21, 12345-12353.	2.7	75
3184	Long-term high-fat consumption leads to downregulation of Akt phosphorylation of eNOS at Ser1177 and upregulation of Sirtuin-1 expression in rat cavernous tissue. Age, 2014, 36, 597-611.	3.0	13
3185	Americanin B protects cultured human keratinocytes against oxidative stress by exerting antioxidant effects. In Vitro Cellular and Developmental Biology - Animal, 2014, 50, 766-777.	0.7	4
3186	Improved Production of Poly- γ -Glutamic Acid by Bacillus subtilis D7 Isolated from Doenjang, a Korean Traditional Fermented Food, and Its Antioxidant Activity. Applied Biochemistry and Biotechnology, 2014, 173, 918-932.	1.4	23
3187	Effects on Liver Hydrogen Peroxide Metabolism Induced by Dietary Selenium Deficiency or Excess in Chickens. Biological Trace Element Research, 2014, 159, 174-182.	1.9	26
3188	Synthesis and evaluation of Tc-99m DTPA- γ -glutathione as a non-invasive tumor imaging agent in a mouse colon cancer model. Annals of Nuclear Medicine, 2014, 28, 447-454.	1.2	4
3189	Protective effects of 2,4-dihydroxy-6-methoxy-3,5-dimethylchalcone against hydrogen peroxide-induced oxidative stress in hepatic L02 cell. Archives of Pharmacal Research, 2014, 37, 1211-1218.	2.7	12
3190	Standardized Rhus verniciflua stokes extract and its major flavonoid fustin attenuate oxidative stress induced by tert-butyl hydroperoxide via activation of nuclear factor erythroid 2-related factor. Journal of the Korean Society for Applied Biological Chemistry, 2014, 57, 27-30.	0.9	8
3191	Zinc essentiality and toxicity. Biophysical aspects. Biophysics (Russian Federation), 2014, 59, 264-275.	0.2	20
3192	A new approach to analysis of participation of oxidative processes in regulation of metabolism in animal tissues. Biophysics (Russian Federation), 2014, 59, 310-315.	0.2	8
3193	mtDNA haplogroup and single nucleotide polymorphisms structure human microbiome communities. BMC Genomics, 2014, 15, 257.	1.2	81
3194	Protective effects of pomegranate (Punica granatum) juice on testes against carbon tetrachloride intoxication in rats. BMC Complementary and Alternative Medicine, 2014, 14, 164.	3.7	69
3195	Green Tea Extract (GTE) improves differentiation in human osteoblasts during oxidative stress. Journal of Inflammation, 2014, 11, 15.	1.5	35
3196	Effects of creatine supplementation associated with resistance training on oxidative stress in different tissues of rats. Journal of the International Society of Sports Nutrition, 2014, 11, 11.	1.7	24
3197	The effect of almond consumption on elements of endurance exercise performance in trained athletes. Journal of the International Society of Sports Nutrition, 2014, 11, 18.	1.7	15
3198	Expression of glutathione, glutathione peroxidase and glutathione S-transferase pi in canine mammary tumors. BMC Veterinary Research, 2014, 10, 49.	0.7	13

#	ARTICLE	IF	CITATIONS
3199	Dual Redox Responsive Coassemblies of Diselenide-Containing Block Copolymers and Polymer Lipids. <i>Langmuir</i> , 2014, 30, 5628-5636.	1.6	84
3200	Synthesis, characterization and evaluation of the antioxidant potential of vanadium encapsulated guar gum nanoparticles. <i>Food and Function</i> , 2014, 5, 535.	2.1	10
3201	The Interplay of Light and Oxygen in the Reactive Oxygen Stress Response of <i>Chlamydomonas reinhardtii</i> Dissected by Quantitative Mass Spectrometry. <i>Molecular and Cellular Proteomics</i> , 2014, 13, 969-989.	2.5	29
3202	Onion extract (<i>Allium cepa</i> L.), quercetin and catechin up-regulate paraoxonase 1 activity with concomitant protection against low-density lipoprotein oxidation in male Wistar rats subjected to oxidative stress. <i>Journal of the Science of Food and Agriculture</i> , 2014, 94, 2752-2757.	1.7	36
3203	Deltamethrin (AlphaMax [®] , [®]) reveals modulation of genes related to oxidative stress in the ectoparasite <i>Caligus rogercresseyi</i> : Implications on delousing drug effectiveness. <i>Aquaculture</i> , 2014, 433, 421-429.	1.7	22
3204	Chrysin alleviates testicular dysfunction in adjuvant arthritic rats via suppression of inflammation and apoptosis: Comparison with celecoxib. <i>Toxicology and Applied Pharmacology</i> , 2014, 279, 129-140.	1.3	45
3205	Microalgal carotenoids: beneficial effects and potential in human health. <i>Food and Function</i> , 2014, 5, 413.	2.1	145
3206	Î±-Tocopherol Supplementation, Lipid Profile, and Insulin Sensitivity in Diabetes Mellitus Type 2. , 2014, , 67-77.		2
3207	Cerebral Ischemia in Diabetics and Oxidative Stress. , 2014, , 15-23.		4
3208	Physicochemical Properties of Cells and Their Effects on Intrinsically Disordered Proteins (IDPs). <i>Chemical Reviews</i> , 2014, 114, 6661-6714.	23.0	391
3209	Preventive Effect of Chrysin on Bleomycin-Induced Lung Fibrosis in Rats. <i>Inflammation</i> , 2014, 37, 2116-2124.	1.7	21
3210	Antioxidant chemistry of graphene-based materials and its role in oxidation protection technology. <i>Nanoscale</i> , 2014, 6, 11744-11755.	2.8	325
3211	The Use of the Cre/loxP System to Study Oxidative Stress in Tissue-Specific Manganese Superoxide Dismutase Knockout Models. <i>Antioxidants and Redox Signaling</i> , 2014, 20, 1655-1670.	2.5	13
3212	Photobleaching of fluorescein as a probe for oxidative stress in single cells. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2014, 140, 306-314.	1.7	12
3213	Introduction to Free Radicals and the Body's Antioxidant Defense. , 2014, , 1-18.		1
3214	Feeding Activity and Xenobiotics Modulate Oxidative Status in <i>Daphnia magna</i> : Implications for Ecotoxicological Testing. <i>Environmental Science & Technology</i> , 2014, 48, 12886-12892.	4.6	40
3215	Increased DNA oxidation (8-OHdG) and protein oxidation (AOPP) by low level electromagnetic field (2.45 GHz) in rat brain and protective effect of garlic. <i>International Journal of Radiation Biology</i> , 2014, 90, 892-896.	1.0	28
3216	The effect of dibenzo-p-dioxin- and dibenzofuran-contaminated soil on the earthworm <i>Eisenia andrei</i> . <i>Environmental Pollution</i> , 2014, 193, 22-28.	3.7	27

#	ARTICLE	IF	CITATIONS
3217	The impact of the lacto-ovo vegetarian diet on the erythrocyte superoxide dismutase activity: a study in the Romanian population. <i>European Journal of Clinical Nutrition</i> , 2014, 68, 184-188.	1.3	3
3218	Antioxidative effects and percutaneous absorption of five polyphenols. <i>Free Radical Biology and Medicine</i> , 2014, 75, 149-155.	1.3	40
3219	Reversal, maintenance or progression: What happens to the liver after a virologic cure of hepatitis C?. <i>Antiviral Research</i> , 2014, 107, 23-30.	1.9	115
3220	Theoretical insights on the antioxidant activity of edaravone free radical scavengers derivatives. <i>Chemical Physics Letters</i> , 2014, 599, 73-79.	1.2	3
3221	Insights into the fish thioredoxin system: Expression profile of thioredoxin and thioredoxin reductase in rainbow trout (<i>Oncorhynchus mykiss</i>) during infection and in vitro stimulation. <i>Developmental and Comparative Immunology</i> , 2014, 42, 261-277.	1.0	49
3222	Heteroglucan-dendrimer glycoconjugate: a modulated construct with augmented immune responses and signaling phenomena. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014, 1840, 2794-2805.	1.1	3
3223	LDH enzyme activity in human saliva: The effect of exposure to cigarette smoke and its different components. <i>Archives of Oral Biology</i> , 2014, 59, 142-148.	0.8	28
3224	Role of ROS and HMGB1 in Contact Allergen-Induced IL-18 Production in Human Keratinocytes. <i>Journal of Investigative Dermatology</i> , 2014, 134, 2719-2727.	0.3	47
3225	Studies on the antioxidant activities of some new chromone compounds. <i>Luminescence</i> , 2014, 29, 846-853.	1.5	10
3226	Exposure to 9,10-phenanthrenequinone accelerates malignant progression of lung cancer cells through up-regulation of aldo-keto reductase 1B10. <i>Toxicology and Applied Pharmacology</i> , 2014, 278, 180-189.	1.3	25
3227	Radioprotective effects of dragon's blood and its extracts on radiation-induced myelosuppressive mice. <i>Journal of Ethnopharmacology</i> , 2014, 154, 624-634.	2.0	23
3228	Manganese(II) one-dimensional coordination polymers with nitrobenzoate or nitrosalicylate bridges: Syntheses, crystal structures, and magnetic properties. <i>Polyhedron</i> , 2014, 79, 129-137.	1.0	4
3229	Isolation during the prepubertal period associated with chronic access to palatable diets: Effects on plasma lipid profile and liver oxidative stress. <i>Physiology and Behavior</i> , 2014, 124, 23-32.	1.0	26
3230	Evaluation of oxidative stress in oral lichen planus using malonaldehyde: A systematic review. <i>Journal of Dermatology & Dermatologic Surgery</i> , 2014, 18, 2-7.	0.1	14
3231	Antioxidant effects of <i>Phyllanthus niruri</i> tea on healthy subjects. <i>Asian Pacific Journal of Tropical Medicine</i> , 2014, 7, 113-118.	0.4	16
3232	Circadian rhythms of locomotor activity and hippocampal clock genes expression are dampened in vitamin A-deficient rats. <i>Nutrition Research</i> , 2014, 34, 326-335.	1.3	21
3233	Chemical composition, antioxidant activity and hepatoprotective potential of <i>Rourea induta</i> Planch. (Connaraceae) against CCl ₄ -induced liver injury in female rats. <i>Nutrition</i> , 2014, 30, 713-718.	1.1	19
3234	Design and discovery of novel quinazolinone-based redox modulators as therapies for pancreatic cancer. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014, 1840, 332-343.	1.1	27

#	ARTICLE	IF	CITATIONS
3235	Enteral nutrition feeding alters antioxidant activity in unstimulated whole saliva composition of patients with neurological disorders. <i>Research in Developmental Disabilities</i> , 2014, 35, 1209-1215.	1.2	14
3236	Anti-oxidant and anti-apoptotic effects of luteolin on mice peritoneal macrophages stimulated by angiotensin II. <i>International Immunopharmacology</i> , 2014, 20, 346-351.	1.7	24
3237	Altered metabolic profile in early and late onset preeclampsia: An FTIR spectroscopic study. <i>Pregnancy Hypertension</i> , 2014, 4, 70-80.	0.6	15
3238	Mild exposure of RIN-5F β 2-cells to human islet amyloid polypeptide aggregates upregulates antioxidant enzymes via NADPH oxidase-RAGE: An hormetic stimulus. <i>Redox Biology</i> , 2014, 2, 114-122.	3.9	15
3239	Protective effect of 2-aminoethyl diphenylborinate on acute ischemia-reperfusion injury in the rat kidney. <i>Journal of Surgical Research</i> , 2014, 187, 683-689.	0.8	20
3240	Comparison of behavioral and biochemical deficits in rats with hereditary defined or d-galactose-induced accelerated senescence: Evaluating the protective effects of diosgenin. <i>Pharmacology Biochemistry and Behavior</i> , 2014, 120, 7-16.	1.3	26
3241	Proteomic profiling and post-translational modifications in human keratinocytes treated with <i>Mucuna pruriens</i> leaf extract. <i>Journal of Ethnopharmacology</i> , 2014, 151, 873-881.	2.0	7
3242	IMM-H004, a novel coumarin derivative, protects against oxygen-and glucose-deprivation/restoration-induced apoptosis in PC12 cells. <i>European Journal of Pharmacology</i> , 2014, 723, 259-266.	1.7	27
3243	Polarity of extracts and fractions of four <i>Combretum</i> (Combretaceae) species used to treat infections and gastrointestinal disorders in southern African traditional medicine has a major effect on different relevant in vitro activities. <i>Journal of Ethnopharmacology</i> , 2014, 154, 339-350.	2.0	29
3244	Therapeutic effects of dichloromethane fraction of <i>Securidaca inappendiculata</i> on adjuvant-induced arthritis in rat. <i>Journal of Ethnopharmacology</i> , 2014, 153, 352-358.	2.0	32
3245	Coffee with cinnamon - Impact of phytochemicals interactions on antioxidant and anti-inflammatory in vitro activity. <i>Food Chemistry</i> , 2014, 162, 81-88.	4.2	60
3246	Discrimination of aqueous and vinegary extracts of Shixiao San using metabolomics coupled with multivariate data analysis and evaluation of anti-hyperlipidemic effect. <i>Asian Journal of Pharmaceutical Sciences</i> , 2014, 9, 17-26.	4.3	8
3247	Antioxidant peptides from goat milk protein fractions hydrolysed by two commercial proteases. <i>International Dairy Journal</i> , 2014, 39, 28-40.	1.5	62
3248	Detection of superoxide production in stimulated and unstimulated living cells using new cyclic nitron spin traps. <i>Free Radical Biology and Medicine</i> , 2014, 71, 281-290.	1.3	75
3249	Antibacterial and antioxidant activities of aqueous extracts of eight edible mushrooms. <i>Bioactive Carbohydrates and Dietary Fibre</i> , 2014, 3, 41-51.	1.5	102
3250	Hyaluronan peroxidation is required for normal synovial function: An hypothesis. <i>Medical Hypotheses</i> , 2014, 82, 662-666.	0.8	12
3251	Parallel image-acquisition in continuous-wave electron paramagnetic resonance imaging with a surface coil array: Proof-of-concept experiments. <i>Journal of Magnetic Resonance</i> , 2014, 239, 29-33.	1.2	6
3252	Antioxidants and human diseases. <i>Clinica Chimica Acta</i> , 2014, 436, 332-347.	0.5	353

#	ARTICLE	IF	CITATIONS
3253	Relationship Between Redox Status and Cell Fate in Immunity and Autoimmunity. <i>Antioxidants and Redox Signaling</i> , 2014, 21, 103-122.	2.5	26
3254	Naringin Mitigates Erythrocytes Aging Induced by Paclitaxel: An In Vitro Study. <i>Journal of Biochemical and Molecular Toxicology</i> , 2014, 28, 129-136.	1.4	9
3255	Reductive activation and structural rearrangement in superoxide reductase: a combined infrared spectroscopic and computational study. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 14220-14230.	1.3	10
3256	Rapamycin inhibits acrolein-induced apoptosis by alleviating ROS-driven mitochondrial dysfunction in male germ cells. <i>Cell Proliferation</i> , 2014, 47, 161-171.	2.4	30
3257	Molecular mechanisms of the circadian clockwork in mammals. <i>FEBS Letters</i> , 2014, 588, 2477-2483.	1.3	74
3258	Blood Substitutes. <i>Annual Review of Biomedical Engineering</i> , 2014, 16, 77-101.	5.7	44
3259	Stimuli-responsive polymers for anti-cancer drug delivery. <i>Materials Science and Engineering C</i> , 2014, 45, 600-608.	3.8	112
3260	Hesperidin protects against cyclophosphamide-induced hepatotoxicity by upregulation of PPAR β and abrogation of oxidative stress and inflammation. <i>Canadian Journal of Physiology and Pharmacology</i> , 2014, 92, 717-724.	0.7	106
3261	Lipid Peroxidation in Membranes: The Peroxyl Radical Does Not "Float". <i>Journal of Physical Chemistry Letters</i> , 2014, 5, 1653-1658.	2.1	67
3262	White Tea as a Promising Antioxidant Medium Additive for Sperm Storage at Room Temperature: A Comparative Study with Green Tea. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 608-617.	2.4	55
3263	Cytoprotective and anti-diabetic effects of <i>Derris reticulata</i> aqueous extract. <i>Journal of Physiology and Biochemistry</i> , 2014, 70, 675-684.	1.3	8
3264	Conformational Change in Transfer RNA Is an Early Indicator of Acute Cellular Damage. <i>Journal of the American Society of Nephrology: JASN</i> , 2014, 25, 2316-2326.	3.0	88
3265	The effect of maternal low-protein diet on the heart of adult offspring: role of mitochondria and oxidative stress. <i>Applied Physiology, Nutrition and Metabolism</i> , 2014, 39, 880-887.	0.9	42
3266	Circadian gene variants in cancer. <i>Annals of Medicine</i> , 2014, 46, 208-220.	1.5	100
3267	Pro-oxidative and Antioxidative Controls and Signaling Modification of Polyphenolic Phytochemicals: Contribution to Health Promotion and Disease Prevention?. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 4026-4038.	2.4	31
3268	Uncatalyzed and copper(II) catalyzed oxidation of glutathione by Co(III) $_2$ bound superoxide complex. <i>Inorganica Chimica Acta</i> , 2014, 418, 51-58.	1.2	10
3269	Green coffee hydroxycinnamic acids but not caffeine protect human HepG2 cells against oxidative stress. <i>Food Research International</i> , 2014, 62, 1038-1046.	2.9	75
3270	Antioxidant effect of imperatorin from <i>Angelica dahurica</i> in hypertension via inhibiting NADPH oxidase activation and MAPK pathway. <i>Journal of the American Society of Hypertension</i> , 2014, 8, 527-536.	2.3	45

#	ARTICLE	IF	CITATIONS
3271	Assessment of the role of DNA repair in damaged forensic samples. <i>International Journal of Legal Medicine</i> , 2014, 128, 913-921.	1.2	25
3272	Acute hypertension induces brain injury and blood-brain barrier disruption through reduction of claudins mRNA expression in rat. <i>Pathology Research and Practice</i> , 2014, 210, 985-990.	1.0	41
3273	Methanolic extract of <i>Hypericum perforatum</i> cells elicited with <i>Agrobacterium tumefaciens</i> provides protection against oxidative stress induced in human HepG2 cells. <i>Industrial Crops and Products</i> , 2014, 59, 177-183.	2.5	11
3274	Chronic intermittent hypoxia causes endothelial dysfunction in a mouse model of diet-induced obesity. <i>Sleep Medicine</i> , 2014, 15, 596-602.	0.8	49
3275	Caloric restriction and the aging process: a critique. <i>Free Radical Biology and Medicine</i> , 2014, 73, 366-382.	1.3	150
3276	Protective effects of glucosamine hydrochloride against free radical-induced erythrocytes damage. <i>Environmental Toxicology and Pharmacology</i> , 2014, 38, 212-219.	2.0	28
3277	Screening and comparison of antioxidant activities of polysaccharides from <i>Coriolus versicolor</i> . <i>International Journal of Biological Macromolecules</i> , 2014, 69, 12-19.	3.6	27
3278	Long-term recovery from hippocampal-related behavioral and biochemical abnormalities induced by noise exposure during brain development. Evaluation of auditory pathway integrity. <i>International Journal of Developmental Neuroscience</i> , 2014, 37, 41-51.	0.7	14
3279	Insights into obstructive sleep apnea research. <i>Sleep Medicine</i> , 2014, 15, 485-495.	0.8	46
3280	Relationship of cytokines, oxidative stress and GI motility with bacterial overgrowth in ulcerative colitis patients. <i>Journal of Crohn's and Colitis</i> , 2014, 8, 859-865.	0.6	56
3281	Epalrestat increases intracellular glutathione levels in Schwann cells through transcription regulation. <i>Redox Biology</i> , 2014, 2, 15-21.	3.9	27
3282	Serum superoxide dismutase activity in acute and chronic paediatric liver diseases. <i>Arab Journal of Gastroenterology</i> , 2014, 15, 72-75.	0.4	5
3283	Environmental pollutants and lifestyle factors induce oxidative stress and poor prenatal development. <i>Reproductive BioMedicine Online</i> , 2014, 29, 17-31.	1.1	172
3284	Role of oxidative and nitrosative stress in autogenous bone grafts to the mandible using Guided Bone Regeneration and a Deproteinized Bovine Bone Material. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2014, 42, 560-567.	0.7	12
3285	Effect of maternal micronutrients (folic acid and vitamin B12) and omega 3 fatty acids on indices of brain oxidative stress in the offspring. <i>Brain and Development</i> , 2014, 36, 219-227.	0.6	32
3286	Serum and salivary levels of albumin as diagnostic tools for oral pre-malignancy and oral malignancy. <i>Biotechnic and Histochemistry</i> , 2014, 89, 8-13.	0.7	30
3287	Protein damage, repair and proteolysis. <i>Molecular Aspects of Medicine</i> , 2014, 35, 1-71.	2.7	189
3288	<i>Salvia macilenta</i> exhibits antiglycating activity and protects PC12 cells against H ₂ O ₂ -induced apoptosis. <i>Cytotechnology</i> , 2014, 66, 169-179.	0.7	6

#	ARTICLE	IF	CITATIONS
3290	The Effect of Soybean Trypsin Inhibitor on the Generation of Oxygen Free Radical in Pancreas of Mice during Different Growth Periods. <i>Food Science and Technology Research</i> , 2014, 20, 431-438.	0.3	1
3291	Mangaba (<i>Hancornia speciosa</i> Gomes) from the Brazilian Cerrado: nutritional value, carotenoids and antioxidant vitamins. <i>Fruits</i> , 2014, 69, 89-99.	0.3	30
3292	Green Tea Extract Induces the Resistance of <i>Caenorhabditis elegans</i> against Oxidative Stress. <i>Antioxidants</i> , 2014, 3, 129-143.	2.2	50
3293	Enhanced Antioxidant Capacity and Anti-Ageing Biomarkers after Diet Micronutrient Supplementation. <i>Molecules</i> , 2014, 19, 14794-14808.	1.7	27
3294	A Molecular Web: Endoplasmic Reticulum Stress, Inflammation, and Oxidative Stress. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 213.	1.8	496
3295	Antioxidants, inflammation and cardiovascular disease. <i>World Journal of Cardiology</i> , 2014, 6, 462.	0.5	262
3296	Impact of oxidative/nitrosative stress and inflammation on cognitive functions in patients with recurrent depressive disorders. <i>Medical Science Monitor</i> , 2014, 20, 110-115.	0.5	38
3297	Antioxidative Dietary Compounds Modulate Gene Expression Associated with Apoptosis, DNA Repair, Inhibition of Cell Proliferation and Migration. <i>International Journal of Molecular Sciences</i> , 2014, 15, 16226-16245.	1.8	38
3298	Effect of N-methyl-D-aspartic acid on activity of superoxide dismutase, catalase, glutathione peroxidase and reduced glutathione level in selected organs of the mouse. <i>Acta Physiologica Hungarica</i> , 2014, 101, 377-387.	0.9	10
3299	Metal-induced histidine deprotonation in biocatalysis? Experimental and theoretical insights into superoxide reductase. <i>RSC Advances</i> , 2014, 4, 54091-54095.	1.7	10
3300	The Influence of Crystalline Morphology on Fractal Space Formation for Nanocomposites Polymer/Organoclay. , 2014, , 233-240.		0
3301	Expression of Reactive Oxygen Species-Related Proteins according to Androgen and HER-2 Status in Estrogen Receptor-Negative Breast Cancer. <i>Pathobiology</i> , 2014, 81, 215-225.	1.9	1
3302	Associations Between hOGG1 Ser326Cys Polymorphism and Increased Body Mass Index and Fasting Glucose Level in the Japanese General Population. <i>Journal of Epidemiology</i> , 2014, 24, 379-384.	1.1	4
3303	Endothelial cell oxidative stress in diabetes: a key driver of cardiovascular complications?. <i>Biochemical Society Transactions</i> , 2014, 42, 928-933.	1.6	31
3304	Cerium dioxide nanoparticles selectively up-regulate C-C chemokine receptor 2 and CD16 expression on human monocytes. <i>EURO-NanoTox-Letters</i> , 2014, 5, 1-16.	1.0	2
3305	Pomegranate from Oman Alleviates the Brain Oxidative Damage in Transgenic Mouse Model of Alzheimer's Disease. <i>Journal of Traditional and Complementary Medicine</i> , 2014, 4, 232-238.	1.5	68
3306	Reactive Species and Mechanisms of Cell Injury. , 2014, , 88-96.		0
3307	<i>Salvia fruticosa</i> reduces intrinsic cellular and H ₂ O ₂ -induced DNA oxidation in HEK 293 cells; assessment using flow cytometry. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2014, 4, 399-403.	0.5	26

#	ARTICLE	IF	CITATIONS
3309	Regulation of N-acetyl cysteine on gut redox status and major microbiota in weaned piglets ¹ . <i>Journal of Animal Science</i> , 2014, 92, 1504-1511.	0.2	45
3310	Green Tea Catechins and Sport Performance. , 2014, , 123-140.		2
3311	The antioxidant activity of daidzein metabolites, O-desmethylangolensin and equol, in HepG2 cells. <i>Molecular Medicine Reports</i> , 2014, 9, 328-332.	1.1	82
3312	Effect of storage time and temperature on the generation of reactive oxygen species in peripheral blood leukocytes. <i>Clinical Chemistry and Laboratory Medicine</i> , 2015, 53, e333-6.	1.4	0
3313	Sodium selenite supplementation does not fully restore oxidative stress-induced deiodinase dysfunction: Implications for the nonthyroidal illness syndrome. <i>Redox Biology</i> , 2015, 6, 436-445.	3.9	23
3314	iNOS null MRL+/+ mice show attenuation of trichloroethene-mediated autoimmunity: contribution of reactive nitrogen species and lipid-derived reactive aldehydes. <i>Free Radical Biology and Medicine</i> , 2015, 89, 770-776.	1.3	16
3315	Comparison of antioxidant activity between green and roasted coffee beans using molecular methods. <i>Molecular Medicine Reports</i> , 2015, 12, 7293-7302.	1.1	76
3316	Evaluation of antioxidant activities and phenolic subtype contents of ethanolic bran extracts of Thai pigmented rice varieties through chemical and cellular assays. <i>International Journal of Food Science and Technology</i> , 2015, 50, 990-998.	1.3	17
3317	Seven new triterpenoids from the aerial parts of <i>Ilex cornuta</i> and protective effects against H ₂ O ₂ -induced myocardial cell injury. <i>Phytochemistry Letters</i> , 2015, 14, 178-184.	0.6	4
3318	The role of oxidative stress in citreoviridin-induced DNA damage in human liver-derived HepG2 cells. <i>Environmental Toxicology</i> , 2015, 30, 530-537.	2.1	15
3321	Antioxidant-mediated preventative effect of Dragon-pearl tea crude polyphenol extract on reserpine-induced gastric ulcers. <i>Experimental and Therapeutic Medicine</i> , 2015, 10, 338-344.	0.8	21
3322	Association of catalase (rs7943316) and glutathione peroxidase-1 (rs1050450) polymorphisms with the risk of type 2 diabetes (T2DM). <i>Molecular Genetics, Microbiology and Virology</i> , 2015, 30, 216-220.	0.0	13
3323	The importance of antioxidants which play the role in cellular response against oxidative/nitrosative stress: current state. <i>Nutrition Journal</i> , 2015, 15, 71.	1.5	1,273
3324	Effects of ghrelin, leptin and melatonin on the levels of reactive oxygen species, antioxidant enzyme activity and viability of the HCT 116 human colorectal carcinoma cell line. <i>Molecular Medicine Reports</i> , 2015, 12, 2275-2282.	1.1	38
3325	Sestrin2: A Promising Therapeutic Target for Liver Diseases. <i>Biological and Pharmaceutical Bulletin</i> , 2015, 38, 966-970.	0.6	22
3326	DJ-1 upregulates anti-oxidant enzymes and attenuates hypoxia/re-oxygenation-induced oxidative stress by activation of the nuclear factor erythroid 2-like 2 signaling pathway. <i>Molecular Medicine Reports</i> , 2015, 12, 4734-4742.	1.1	25
3329	The Synergetic Coupling among the Cellular Antioxidants Glutathione Peroxidase/Peroxiredoxin and Other Antioxidants and its Effect on the Concentration of H ₂ O ₂ . <i>Scientific Reports</i> , 2015, 5, .	1.6	32
3330	Influence of SkQ1 on expression of Nrf2 gene, ARE-controlled genes of antioxidant enzymes and their activity in rat blood leukocytes under oxidative stress. <i>Biochemistry (Moscow)</i> , 2015, 80, 1598-1605.	0.7	7

#	ARTICLE	IF	CITATIONS
3331	In vitro model suggests oxidative stress involved in keratoconus disease. <i>Scientific Reports</i> , 2014, 4, 4608.	1.6	80
3332	Dysregulation of the Keap1-Nrf2 pathway in cancer. <i>Biochemical Society Transactions</i> , 2015, 43, 645-649.	1.6	72
3334	NADPH oxidase 3-associated oxidative stress and caspase 3-dependent apoptosis in the cochleae of D-galactose-induced aged rats. <i>Molecular Medicine Reports</i> , 2015, 12, 7883-7890.	1.1	11
3339	Oxidative stress and mitochondrial dysfunction as key players in neurological disorders of childhood. <i>Journal of Pediatric Biochemistry</i> , 2015, 02, 225-239.	0.2	3
3340	Ototoxicity. , 0, , 1241-1246.		0
3341	Mitochondrial reactive oxygen species and complex II levels are associated with the outcome of hepatocellular carcinoma. <i>Oncology Letters</i> , 2015, 10, 2347-2350.	0.8	5
3342	Leishmanicidal, cytotoxicity and wound healing potential of <i>Arrabidaea chica</i> Verlot. <i>BMC Complementary and Alternative Medicine</i> , 2015, 16, 1.	3.7	104
3343	Potential neuroprotective properties of epigallocatechin-3-gallate (EGCG). <i>Nutrition Journal</i> , 2015, 15, 60.	1.5	200
3344	Using the decision tree for emphasizing the benefits of associating antioxidants in the therapy of the metabolic syndrome. , 2015, , .		0
3345	Antioxidant and in vitro anticancer activities of phenolics isolated from sugar beet molasses. <i>BMC Complementary and Alternative Medicine</i> , 2015, 15, 313.	3.7	45
3346	Grape pomace extract exerts antioxidant effects through an increase in GCS levels and GST activity in muscle and endothelial cells. <i>International Journal of Molecular Medicine</i> , 2015, 36, 433-441.	1.8	33
3347	Intracerebral Antioxidant Ability of Neonatal Rats After Acute Hypoxic-Ischemic Brain Injury Estimated Using the Brain Homogenate-ESR Method. <i>Applied Magnetic Resonance</i> , 2015, 46, 1079-1088.	0.6	0
3348	Pharmacological basis for the use of <i>Hypericum oblongifolium</i> as a medicinal plant in the management of pain, inflammation and pyrexia. <i>BMC Complementary and Alternative Medicine</i> , 2015, 16, 41.	3.7	15
3349	Investigation into the antioxidant role of arginine in the treatment and the protection for intralipid-induced non-alcoholic steatohepatitis. <i>Lipids in Health and Disease</i> , 2015, 14, 128.	1.2	16
3350	Combined incubation of Cadmium, docosahexaenoic and eicosapentaenoic acid results in increased uptake of cadmium and elevated docosapentaenoic acid content in Hepatocytes in vitro. <i>Lipids in Health and Disease</i> , 2015, 14, 156.	1.2	9
3351	Genetic modification of human mesenchymal stem cells helps to reduce adiposity and improve glucose tolerance in an obese diabetic mouse model. <i>Stem Cell Research and Therapy</i> , 2015, 6, 242.	2.4	34
3352	Reactivity of pyruvic acid and its derivatives towards reactive oxygen species. <i>Luminescence</i> , 2015, 30, 1153-1158.	1.5	30
3353	Boldine Ameliorates Vascular Oxidative Stress and Endothelial Dysfunction. <i>Journal of Cardiovascular Pharmacology</i> , 2015, 65, 522-531.	0.8	42

#	ARTICLE	IF	CITATIONS
3354	Eukaryotic translation initiation factor 6 is a novel regulator of reactive oxygen species-dependent megakaryocyte maturation. <i>Journal of Thrombosis and Haemostasis</i> , 2015, 13, 2108-2118.	1.9	13
3356	Intracerebral antioxidant ability of mature rats after neonatal hypoxic-ischemic brain injury estimated using the microdialysis-electron spin resonance method. <i>Journal of Obstetrics and Gynaecology Research</i> , 2015, 41, 884-889.	0.6	2
3357	Lycopene Dietary Intervention. <i>Journal of Cardiovascular Nursing</i> , 2015, 30, 205-212.	0.6	39
3358	Electrophysiological, haemodynamic, and mitochondrial alterations induced by levobupivacaine during myocardial ischemia in a pig model: protection by lipid emulsions?. <i>Fundamental and Clinical Pharmacology</i> , 2015, 29, 439-449.	1.0	1
3359	Biological and physiological role of reactive oxygen species - the good, the bad and the ugly. <i>Acta Physiologica</i> , 2015, 214, 329-348.	1.8	318
3360	Dietary Intake of Purple Corn Extract Reduces Fat Body Content and Improves Antioxidant Capacity and ω -3 Polyunsaturated Fatty Acid Profile in Plasma of Rainbow Trout, <i>Oncorhynchus mykiss</i> . <i>Journal of the World Aquaculture Society</i> , 2015, 46, 381-394.	1.2	19
3361	Advances in the development of novel antioxidant therapies as an approach for fetal alcohol syndrome prevention. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2015, 103, 163-177.	1.6	37
3362	Studies on the antioxidant activity of some chromonylrhodanine derivatives. <i>Luminescence</i> , 2015, 30, 556-563.	1.5	1
3363	Regulatory role of estrogen-induced reactive oxygen species in the modulatory function of $UCP-2$ in papillary thyroid cancer cells. <i>IUBMB Life</i> , 2015, 67, 837-846.	1.5	7
3364	Effects of Kramacyne on LPS Induced Chronic Inflammation and Gastric Ulcers. <i>Drug Development Research</i> , 2015, 76, 185-193.	1.4	3
3365	Visualization of oxidative stress in ex vivo biopsies using electron paramagnetic resonance imaging. <i>Magnetic Resonance in Medicine</i> , 2015, 73, 1682-1691.	1.9	9
3366	Catalase Nanocapsules Protected by Polymer Shells for Scavenging Free Radicals of Tobacco Smoke. <i>Advanced Functional Materials</i> , 2015, 25, 5159-5165.	7.8	21
3367	A Water-soluble Conjugated Polymer for Thiol Detection Based on "Turn-off" Effect. <i>Chinese Journal of Chemistry</i> , 2015, 33, 881-887.	2.6	4
3368	Life history traits and the activity of antioxidative enzymes in <i>Lymantria dispar</i> L. (Lepidoptera). <i>Tj ETQq1 1 0.784314 rgBT /Ove</i> 34, 2618-2624.	2.2	12
3369	Oxidant and Inflammatory Mechanisms and Targeted Therapy in Atrial Fibrillation. <i>Journal of Cardiovascular Pharmacology</i> , 2015, 66, 523-529.	0.8	57
3370	Oxidative stress in neonatology: Role of reactive oxygen species. <i>Journal of Pediatric Biochemistry</i> , 2015, 02, 063-078.	0.2	0
3371	Antioxidant evaluations of polar and non-polar fractions of <i>Cajanus cajan</i> seeds. <i>Journal of Medicinal Plants Research</i> , 2015, 9, 193-198.	0.2	9
3372	Antioxidant and α -Glucosidase Inhibitory Constituents from <i>Hornstedtia</i> Species of Malaysia. <i>Natural Product Communications</i> , 2015, 10, 1934578X1501000.	0.2	2

#	ARTICLE	IF	CITATIONS
3375	Oxidative Stress, Redox Regulation and Elite Controllers of HIV Infection: Towards a Functional Cure. , 2015, , .		4
3376	OXIDANT STATUS OF CHILDREN INFECTED WITH PLASMODIUM FALCIPARUM MALARIA IN KATSINA METROPOLIS, NORTHWESTERN NIGERIA. African Journal of Infectious Diseases, 2015, 10, 17-20.	0.5	0
3377	Hormone therapy with tamoxifen reduces plasma levels of NT-B-type natriuretic peptide but does not change ventricular ejection fraction after chemotherapy in women with breast cancer. Brazilian Journal of Medical and Biological Research, 2015, 48, 154-160.	0.7	9
3378	Reactive Oxygen Species and Nuclear Factor Erythroid 2-Related Factor 2 Activation in Diabetic Nephropathy: A Hidden Target. Journal of Diabetes & Metabolism, 2015, 06, .	0.2	21
3379	Polyphenolic constituents and antioxidant/antiradical activity in different extracts of Alstonia scholaris (Linn.). African Journal of Biotechnology, 2015, 14, 3190-3197.	0.3	1
3380	Comparative studies between the chemical constituents and biological properties of the extracts from the leaves and barks of Myracrodruon urundeuva Fr. All.. Journal of Medicinal Plants Research, 2015, 9, 159-168.	0.2	6
3381	Protective action of green tea catechins in neuronal mitochondria during aging. Frontiers in Bioscience - Landmark, 2015, 20, 247-262.	3.0	19
3382	Antioxidant and toxicological studies of ethanolic root extract of Byrsocarpus coccineus. Journal of Medicinal Plants Research, 2015, 9, 940-949.	0.2	8
3383	Physicochemical Properties and Antioxidant Activity of Milk Samples Collected from Five Goat Breeds in Malaysia. Advance Journal of Food Science and Technology, 2015, 7, 235-241.	0.1	13
3384	The relation between oxidative stress parameters, ischemic stroke, and hemorrhagic stroke. Turkish Journal of Medical Sciences, 2015, 45, 947-953.	0.4	19
3385	Determination of Free Radical Scavenging, Antioxidative DNA Damage Activities and Phytochemical Components of Active Fractions from Lansium domesticum Corr. Fruit. Nutrients, 2015, 7, 6852-6873.	1.7	20
3386	Remifentanil protects uterus against ischemia-reperfusion injury in rats. Acta Cirurgica Brasileira, 2015, 30, 756-761.	0.3	16
3387	Antioxidants as a Preventive Treatment for Epileptic Process: A Review of the Current Status. Current Neuropharmacology, 2015, 12, 527-550.	1.4	89
3388	Rooibos (Aspalathus linearis) and its Major Flavonoids " Potential Against Oxidative Stress-Induced Conditions. , 0, , .		10
3389	Avaliao do potencial antioxidante frente  oxidao lipdica e da toxicidade preliminar do extrato e fraes obtidas das frondes de Dicksonia sellowiana (Presl.) Hook. Revista Brasileira De Plantas Medicinai, 2015, 17, 614-621.	0.3	6
3390	Ameliorative effect of Leflunomide on lung injury following an aspiration. Bratislava Medical Journal, 2015, 116, 177-183.	0.4	0
3391	Nutritional Properties and Toxicological Assessment of High Nutrient Biscuit Developed from Blends of Some Cereals and Legume. , 2015, 05, .		1
3392	Magnetic Bead-Based Serum Peptidome Profiling in Patients with Gestational Diabetes Mellitus. BioMed Research International, 2015, 2015, 1-8.	0.9	14

#	ARTICLE	IF	CITATIONS
3393	Protective effect of butylated hydroxyanisole against hydrogen peroxide-induced apoptosis in primary cultured mouse hepatocytes. <i>Journal of Veterinary Science</i> , 2015, 16, 17.	0.5	15
3394	Quercetin, a Flavonoid Antioxidant, Ameliorated Procarbazine-Induced Oxidative Damage to Murine Tissues. <i>Antioxidants</i> , 2015, 4, 304-321.	2.2	23
3395	State of the art paper The cardioprotective power of leaves. <i>Archives of Medical Science</i> , 2015, 4, 819-839.	0.4	8
3396	EVALUATION OF THE ANTI DIABETIC ACTIVITY OF ETHANOL EXTRACT OF ANCHOMANES DIFFORMIS (ARACEAE) LEAVES IN ALBINO RATS. <i>International Research Journal of Pharmacy</i> , 2015, 6, 90-93.	0.0	2
3397	Oxidative stress and the unfulfilled promises of antioxidant agents. <i>Ecancermedicalsecience</i> , 2015, 9, 556.	0.6	19
3398	Thin-layer chromatographic investigation of <i>L</i> -cysteine in solution. <i>Journal of Planar Chromatography - Modern TLC</i> , 2015, 28, 144-151.	0.6	6
3399	Comparison of Antioxidant and Antiproliferation Activities of Polysaccharides from Eight Species of Medicinal Mushrooms. <i>International Journal of Medicinal Mushrooms</i> , 2015, 17, 287-295.	0.9	40
3400	Oxidant status of children infected with <i>Plasmodium falciparum</i> ; malaria in Katsina metropolis, Northwestern Nigeria. <i>African Journal of Infectious Diseases</i> , 2015, 10, 17.	0.5	5
3401	Evaluation of Lipid Parameters , Liver Function Test , CRP and MDA (as a marker of lipid peroxidation) in Chronic Cigarette Smokers. <i>International Journal of Biomedical and Advance Research</i> , 2015, 6, 115.	0.1	1
3402	Effects of Different Cooking Methods on Improving Total Antioxidant Activity in Selected Vegetables. <i>Advance Journal of Food Science and Technology</i> , 2015, 9, 183-187.	0.1	2
3403	The Role of Oxidative Stress in Neurodegenerative Diseases. <i>Experimental Neurobiology</i> , 2015, 24, 325-340.	0.7	1,035
3404	Protective Effects of Kaempferol against Myocardial Ischemia/Reperfusion Injury in Isolated Rat Heart via Antioxidant Activity and Inhibition of Glycogen Synthase Kinase-3 ^β . <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-8.	1.9	85
3405	Isolation and Characterisation of in Vitro and Cellular Free Radical Scavenging Peptides from Corn Peptide Fractions. <i>Molecules</i> , 2015, 20, 3221-3237.	1.7	52
3406	Nrf2 activation as target to implement therapeutic treatments. <i>Frontiers in Chemistry</i> , 2015, 3, 4.	1.8	91
3407	Understanding DNA under oxidative stress and sensitization: the role of molecular modeling. <i>Frontiers in Chemistry</i> , 2015, 3, 43.	1.8	48
3408	Evaluating the Oxidative Stress in Inflammation: Role of Melatonin. <i>International Journal of Molecular Sciences</i> , 2015, 16, 16981-17004.	1.8	113
3409	Evaluation of Antioxidant, Antidiabetic and Anticholinesterase Activities of <i>Smallanthus sonchifolius</i> Landraces and Correlation with Their Phytochemical Profiles. <i>International Journal of Molecular Sciences</i> , 2015, 16, 17696-17718.	1.8	92
3410	Biological Activities and Chemical Composition of Methanolic Extracts of Selected Autochthonous Microalgae Strains from the Red Sea. <i>Marine Drugs</i> , 2015, 13, 3531-3549.	2.2	44

#	ARTICLE	IF	CITATIONS
3411	Ameliorative Effect of Gallic Acid on Cyclophosphamide-Induced Oxidative Injury and Hepatic Dysfunction in Rats. <i>Medical Sciences (Basel, Switzerland)</i> , 2015, 3, 78-92.	1.3	25
3412	Chemical Composition, Antioxidative and Anticancer Activities of the Essential Oil: <i>Curcuma Rhizoma</i> and <i>Sparganii Rhizoma</i> , a Traditional Herb Pair. <i>Molecules</i> , 2015, 20, 15781-15796.	1.7	43
3413	Short-Term and Sub-Chronic Dietary Exposure to Aspalathin-Enriched Green Rooibos (<i>Aspalathus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.7	23
3414	Hen Egg as an Antioxidant Food Commodity: A Review. <i>Nutrients</i> , 2015, 7, 8274-8293.	1.7	137
3415	Salivary markers of oxidative stress in oral diseases. <i>Frontiers in Cellular and Infection Microbiology</i> , 2015, 5, 73.	1.8	120
3416	Alternative kynurenic acid synthesis routes studied in the rat cerebellum. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 178.	1.8	37
3417	Activation of the hypothalamic-pituitary-adrenal stress axis induces cellular oxidative stress. <i>Frontiers in Neuroscience</i> , 2014, 8, 456.	1.4	172
3418	Impact of hypothalamic reactive oxygen species in the regulation of energy metabolism and food intake. <i>Frontiers in Neuroscience</i> , 2015, 9, 56.	1.4	69
3419	Oxidative DNA Damage, Oxidative Stress and Genetic Susceptibility-Prognostic Scores in "Missing"™ COPD Cases. <i>International Journal of Human Genetics</i> , 2015, 15, 97-119.	0.1	1
3420	Astaxanthin as a Potential Neuroprotective Agent for Neurological Diseases. <i>Marine Drugs</i> , 2015, 13, 5750-5766.	2.2	144
3421	<i>Curcuma purpurascens</i> Bl. rhizome accelerates rat excisional wound healing: involvement of Hsp70/Bax proteins, antioxidant defense, and angiogenesis activity. <i>Drug Design, Development and Therapy</i> , 2015, 9, 5805.	2.0	15
3422	Influence of TNF- α inhibition on oxidative stress of rheumatoid arthritis patients. <i>Reumatismo</i> , 2015, 67, 97-102.	0.4	12
3423	Volatile Compounds and Antioxidant Capacity of the Bio-Oil Obtained by Pyrolysis of Japanese Red Pine (<i>Pinus densiflora</i> Siebold and Zucc.). <i>Molecules</i> , 2015, 20, 3986-4006.	1.7	22
3424	Computational Studies of Free Radical-Scavenging Properties of Phenolic Compounds. <i>Current Topics in Medicinal Chemistry</i> , 2015, 15, 85-104.	1.0	75
3425	Mitochondrial Reactive Oxygen Species Regulate Adipocyte Differentiation of Mesenchymal Stem Cells in Hematopoietic Stress Induced by Arabinosylcytosine. <i>PLoS ONE</i> , 2015, 10, e0120629.	1.1	67
3426	Smyd1 Facilitates Heart Development by Antagonizing Oxidative and ER Stress Responses. <i>PLoS ONE</i> , 2015, 10, e0121765.	1.1	47
3427	The Extracellular Redox State Modulates Mitochondrial Function, Gluconeogenesis, and Glycogen Synthesis in Murine Hepatocytes. <i>PLoS ONE</i> , 2015, 10, e0122818.	1.1	33
3428	Increased Zn/Glutathione Levels and Higher Superoxide Dismutase-1 Activity as Biomarkers of Oxidative Stress in Women with Long-Term Dental Amalgam Fillings: Correlation between Mercury/Aluminium Levels (in Hair) and Antioxidant Systems in Plasma. <i>PLoS ONE</i> , 2015, 10, e0126339.	1.1	9

#	ARTICLE	IF	CITATIONS
3429	Intermittent Fasting Results in Tissue-Specific Changes in Bioenergetics and Redox State. PLoS ONE, 2015, 10, e0120413.	1.1	57
3430	Antioxidant Properties of Whole Body Periodic Acceleration (pGz). PLoS ONE, 2015, 10, e0131392.	1.1	24
3431	Administration of a CXCL12 Analog in Endotoxemia Is Associated with Anti-Inflammatory, Anti-Oxidative and Cytoprotective Effects In Vivo. PLoS ONE, 2015, 10, e0138389.	1.1	11
3432	Effects of Mountain Ultra-Marathon Running on ROS Production and Oxidative Damage by Micro-Invasive Analytic Techniques. PLoS ONE, 2015, 10, e0141780.	1.1	84
3433	Thioredoxin-2 Modulates Neuronal Programmed Cell Death in the Embryonic Chick Spinal Cord in Basal and Target-Deprived Conditions. PLoS ONE, 2015, 10, e0142280.	1.1	4
3434	Melamine Induces Oxidative Stress in Mouse Ovary. PLoS ONE, 2015, 10, e0142564.	1.1	19
3435	Effects of Camphorquinone on Cytotoxicity, Cell Cycle Regulation and Prostaglandin E2 Production of Dental Pulp Cells: Role of ROS, ATM/Chk2, MEK/ERK and Hemeoxygenase-1. PLoS ONE, 2015, 10, e0143663.	1.1	44
3436	The Expression of Porcine Prdx6 Gene Is Up-Regulated by C/EBP β and CREB. PLoS ONE, 2015, 10, e0144851.	1.1	17
3437	Syzygium cumini (L.) skeels: a prominent source of bioactive molecules against cardiometabolic diseases. Frontiers in Pharmacology, 2015, 6, 259.	1.6	69
3438	Role of nitric oxide and related molecules in schizophrenia pathogenesis: biochemical, genetic and clinical aspects. Frontiers in Physiology, 2015, 6, 139.	1.3	64
3439	Docosahexaenoic (DHA) modulates phospholipid-hydroperoxide glutathione peroxidase (Gpx4) gene expression to ensure self-protection from oxidative damage in hippocampal cells. Frontiers in Physiology, 2015, 6, 203.	1.3	45
3440	Vitamin C in Health and Disease: Its Role in the Metabolism of Cells and Redox State in the Brain. Frontiers in Physiology, 2015, 6, 397.	1.3	158
3441	Grape seed oil: a potential functional food?. Food Science and Technology, 2015, 35, 399-406.	0.8	80
3442	Cytotoxicity of various types of gold-mesoporous silica nanoparticles in human breast cancer cells. International Journal of Nanomedicine, 2015, 10, 6075.	3.3	28
3443	The effect of melatonin on the liver of rats exposed to microwave radiation. Bratislava Medical Journal, 2015, 116, 96-100.	0.4	9
3444	Cardiac Oxidative Stress and Inflammatory Cytokines Response after Myocardial Infarction. Current Vascular Pharmacology, 2015, 13, 26-36.	0.8	220
3445	Chemical composition and hepatoprotective activity of ethanolic root extract of Taraxacum Syriacum Boiss against acetaminophen intoxication in rats. Bratislava Medical Journal, 2015, 116, 41-46.	0.4	6
3446	Quercetin and Resveratrol Decrease the Inflammatory and Oxidative Responses in Human Ocular Surface Epithelial Cells. , 2015, 56, 2709.		37

#	ARTICLE	IF	CITATIONS
3447	Xanthine Oxidase Inhibitors and the Analytical Methods to Screen Them: A Review. <i>Current Traditional Medicine</i> , 2015, 1, 41-50.	0.1	4
3448	Variation in Phenolics, Flavanoids, Antioxidant and Tyrosinase Inhibitory Activity of Peach Blossoms at Different Developmental Stages. <i>Molecules</i> , 2015, 20, 20460-20472.	1.7	13
3449	Simvastatin, atorvastatin, and pravastatin equally improve the hemodynamic status of diabetic rats. <i>World Journal of Diabetes</i> , 2015, 6, 1168.	1.3	20
3450	The Influence of α -Lipoic Acid and Garlic Administration on Biomarkers of Oxidative Stress and Inflammation in Rabbits Exposed to Oxidized Nutrition Oils. <i>BioMed Research International</i> , 2015, 2015, 1-11.	0.9	8
3451	Hepatotoxicity, Nephrotoxicity and Oxidative Stress in Rat Testis Following Exposure to Haloxyfop-p-methyl Ester, an Aryloxyphenoxypropionate Herbicide. <i>Toxics</i> , 2015, 3, 373-389.	1.6	22
3452	Advanced glycation end-products: modifiable environmental factors profoundly mediate insulin resistance. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2015, 57, 1-12.	0.6	73
3453	pCramoll and rCramoll as New Preventive Agents against the Oxidative Dysfunction Induced by Hydrogen Peroxide. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-9.	1.9	5
3454	Influence of Moxifloxacin on Hepatic Redox Status and Plasma Biomarkers of Hepatotoxicity and Nephrotoxicity in Rat. <i>Biochemistry Research International</i> , 2015, 2015, 1-8.	1.5	8
3455	<i>Saraca indica</i> Bark Extract Shows <i>In Vitro</i> Antioxidant, Anticancer Activity and Does Not Exhibit Toxicological Effects. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-15.	1.9	15
3456	The Utility of Iron Chelators in the Management of Inflammatory Disorders. <i>Mediators of Inflammation</i> , 2015, 2015, 1-12.	1.4	39
3457	Assessment of Water Pollution Signs in the Brazilian Pampa Biome Using Stress Biomarkers in Fish (<i>Astyanax</i> sp.). <i>Journal of Ecosystems</i> , 2015, 2015, 1-7.	0.7	8
3458	<i>Bacopa monnieri</i> as an Antioxidant Therapy to Reduce Oxidative Stress in the Aging Brain. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-9.	0.5	54
3459	Training Effects on ROS Production Determined by Electron Paramagnetic Resonance in Master Swimmers. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-8.	1.9	32
3460	Optimization of a CUPRAC-Based HPLC Postcolumn Assay and Its Applications for <i>Ginkgo biloba</i> L. Extracts. <i>Journal of Analytical Methods in Chemistry</i> , 2015, 2015, 1-7.	0.7	3
3461	Quercetin Reduces Ehrlich Tumor-Induced Cancer Pain in Mice. <i>Analytical Cellular Pathology</i> , 2015, 2015, 1-18.	0.7	33
3462	An Update on Oligosaccharides and Their Esters from Traditional Chinese Medicines: Chemical Structures and Biological Activities. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-23.	0.5	13
3463	Rimonabant Improves Oxidative/Nitrosative Stress in Mice with Nonalcoholic Fatty Liver Disease. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-11.	1.9	17
3464	Aqueous Date Flesh or Pits Extract Attenuates Liver Fibrosis via Suppression of Hepatic Stellate Cell Activation and Reduction of Inflammatory Cytokines, Transforming Growth Factor- β 1 and Angiogenic Markers in Carbon Tetrachloride-Intoxicated Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-19.	0.5	25

#	ARTICLE	IF	CITATIONS
3465	Reactive Oxygen Species Donors Increase the Responsiveness of Dorsal Horn Neurons and Induce Mechanical Hyperalgesia in Rats. <i>Neural Plasticity</i> , 2015, 2015, 1-10.	1.0	26
3466	Essential Oil from Clove Bud (<i>Eugenia aromatica</i> Kuntze) Inhibit Key Enzymes Relevant to the Management of Type-2 Diabetes and Some Pro-oxidant Induced Lipid Peroxidation in Rats Pancreas <i>in vitro</i>. <i>Journal of Oleo Science</i> , 2015, 64, 775-782.	0.6	40
3467	Antioxidant Strategies in the Management of Diabetic Neuropathy. <i>BioMed Research International</i> , 2015, 2015, 1-15.	0.9	116
3468	Enhanced Oxidative Stress and Other Potential Biomarkers for Retinopathy in Type 2 Diabetics: Beneficial Effects of the Nutraceutical Supplements. <i>BioMed Research International</i> , 2015, 2015, 1-12.	0.9	26
3469	Interrelation of Oxidative Stress and Inflammation in Neurodegenerative Disease: Role of TNF. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-18.	1.9	486
3470	Anti-Inflammatory Activity and Changes in Antioxidant Properties of Leaf and Stem Extracts from <i>Vitex mollis</i> Kunth during <i>In Vitro</i> Digestion. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-8.	0.5	5
3471	Systematic review/Meta-analysis Lipid profile and glucose changes after supplementation with astaxanthin: a systematic review and meta-analysis of randomized controlled trials. <i>Archives of Medical Science</i> , 2015, 2, 253-266.	0.4	72
3472	Nitric Oxide Bioavailability in Obstructive Sleep Apnea: Interplay of Asymmetric Dimethylarginine and Free Radicals. <i>Sleep Disorders</i> , 2015, 2015, 1-10.	0.8	16
3473	Antidepressant-Like and Antioxidant Effects of <i>Plinia trunciflora</i> in Mice. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-9.	0.5	17
3474	Early Steroid-Induced Osteonecrosis of Rabbit Femoral Head and Panax notoginseng Saponins: Mechanism and Protective Effects. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-10.	0.5	15
3475	Seizure-Induced Oxidative Stress in Temporal Lobe Epilepsy. <i>BioMed Research International</i> , 2015, 2015, 1-20.	0.9	160
3476	Role of Oxidative Stress in Thyroid Hormone-Induced Cardiomyocyte Hypertrophy and Associated Cardiac Dysfunction: An Undisclosed Story. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-16.	1.9	44
3477	Regulation of the Redox Environment. , 2015, , .		2
3479	Estimate of consumption of phenolic compounds by Brazilian population. <i>Revista De Nutricao</i> , 2015, 28, 185-196.	0.4	32
3480	Antioxidant and Free Radical Scavenging Capacity of Crude and Refined Oil Extracted From <i>Azadirachta indica</i> A. Juss.. <i>International Journal of Biology</i> , 2015, 7, .	0.1	1
3481	Comparative Study on Antioxidant Activity of Vegetable Oils under in vitro and Cellular System. <i>Journal of Agricultural Science</i> , 2015, 7, .	0.1	8
3483	Pathological Aspects with Global Impact Induced by Toxicants at Cellular Level. , 2015, , .		1
3484	The Impact of Processing on Antioxidant Activity of Faba Bean (<i>Vicia faba</i> L.). <i>Advance Journal of Food Science and Technology</i> , 2015, 7, 361-367.	0.1	2

#	ARTICLE	IF	CITATIONS
3485	Antioxidants and Natural Compounds in Mexican Foods. , 2015, , .		0
3486	Nuts and legume seeds for cardiovascular risk reduction: scientific evidence and mechanisms of action. <i>Nutrition Reviews</i> , 2015, 73, 335-347.	2.6	81
3487	Reactive Oxygen and Nitrogen Species. <i>Nursing Research</i> , 2015, 64, 53-66.	0.8	99
3488	Simultaneous Determination of Endogenous Antioxidants and Malondialdehyde by RP-HPLC Coupled with Electrochemical Detector in Serum Samples. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2015, 38, 1052-1060.	0.5	10
3489	Rapid assay for testing superoxide anion radical scavenging activities to natural pigments by ultra-high performance liquid chromatography-diode-array detection method. <i>Analytical Methods</i> , 2015, 7, 1535-1542.	1.3	17
3490	Chronic toxicity of crude ricinine in rats assessed by ¹ H NMR metabolomics analysis. <i>RSC Advances</i> , 2015, 5, 27018-27028.	1.7	14
3491	Characterization of phenolic compounds and antioxidant properties of <i>Glycyrrhiza glabra</i> L. rhizomes and roots. <i>RSC Advances</i> , 2015, 5, 26991-26997.	1.7	61
3492	Antioxidant effect of a fermented powder of Lady Joy bean in primary rat hepatocytes. <i>Cellular and Molecular Biology Letters</i> , 2015, 20, 102-116.	2.7	7
3493	Oxidative stress and mitochondrial dysfunction play a role in myelodysplastic syndrome development, diagnosis, and prognosis: A pilot study. <i>Free Radical Research</i> , 2015, 49, 1081-1094.	1.5	39
3494	Sigma-1 receptor directly interacts with Rac1-GTPase in the brain mitochondria. <i>BMC Biochemistry</i> , 2015, 16, 11.	4.4	64
3495	Oxidative damage and cell signaling transduction in patients of chronic myeloid leukemia. <i>Acta Biochimica Et Biophysica Sinica</i> , 2015, 47, 474-476.	0.9	1
3496	Novel relationships between oxidative stress and angiogenesis-related factors in sepsis: New biomarkers and therapies. <i>Annals of Medicine</i> , 2015, 47, 289-300.	1.5	31
3497	Antioxidant Supplements: Friend or Foe?. , 2015, , 293-322.		4
3498	Hippocampal Proteomic and Metabonomic Abnormalities in Neurotransmission, Oxidative Stress, and Apoptotic Pathways in a Chronic Phencyclidine Rat Model. <i>Journal of Proteome Research</i> , 2015, 14, 3174-3187.	1.8	14
3499	Oxidative Stress Mechanisms in Hepatocarcinogenesis. <i>Oxidative Stress in Applied Basic Research and Clinical Practice</i> , 2015, , 449-477.	0.4	0
3500	Radical Scavenging Activity of Instant Grits with Addition of Chamomile Flowers Determined by TLCâ€“DPPH [•] Test and by Spectrophotometric Method. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2015, 38, 1142-1146.	0.5	7
3501	Evaluation of the reproductive toxicity of naproxen sodium and meloxicam in male rats. <i>Human and Experimental Toxicology</i> , 2015, 34, 415-429.	1.1	13
3502	Bisphenol A exposure inhibits germ cell nest breakdown by reducing apoptosis in cultured neonatal mouse ovaries. <i>Reproductive Toxicology</i> , 2015, 57, 87-99.	1.3	42

#	ARTICLE	IF	CITATIONS
3503	Free Radicals and Oxidative Stress: Basic Concepts and Misconceptions. <i>Oxidative Stress in Applied Basic Research and Clinical Practice</i> , 2015, , 9-20.	0.4	2
3504	Developmental retardation, reduced fecundity, and modulated expression of the defensome in the intertidal copepod <i>Tigriopus japonicus</i> exposed to BDE-47 and PFOS. <i>Aquatic Toxicology</i> , 2015, 165, 136-143.	1.9	53
3505	Proteomics of fruits and beverages. <i>Current Opinion in Food Science</i> , 2015, 4, 76-85.	4.1	13
3506	Activity of phenolic compounds from plant origin against <i>Candida</i> species. <i>Industrial Crops and Products</i> , 2015, 74, 648-670.	2.5	108
3507	Trace elements as predictors of preeclampsia in type 1 diabetic pregnancy. <i>Nutrition Research</i> , 2015, 35, 421-430.	1.3	27
3508	Pharmacological evaluation of nasal delivery of selegiline hydrochloride-loaded thiolated chitosan nanoparticles for the treatment of depression. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 1-13.	1.9	32
3509	Impact of Air Pollutants on Oxidative Stress in Common Autophagy-Mediated Aging Diseases. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 2289-2305.	1.2	25
3510	Biomarkers of oxidative stress and acetylcholinesterase activity in the blood of grass snake (<i>Natrix</i>) Tj ETQq1 1 0.784314 rgBT /Overl Technology, 2015, 58, 443-453.	0.5	10
3511	Oxidative Stress and Hepatocellular Injury Induced by Oral Administration of Cr ³⁺ in Chicken. <i>Journal of Biochemical and Molecular Toxicology</i> , 2015, 29, 280-287.	1.4	19
3513	An electrochemical DNA-based biosensor to study the effects of CdTe quantum dots on UV-induced damage of DNA. <i>Mikrochimica Acta</i> , 2015, 182, 1715-1722.	2.5	21
3514	In Situ EPR Detection of Reactive Oxygen Species in Adherent Cells Using Polylysine-Coated Glass Plate. <i>Applied Magnetic Resonance</i> , 2015, 46, 977-986.	0.6	11
3515	A Potential New Mechanism of Arsenic Carcinogenesis: Depletion of Stem-Loop Binding Protein and Increase in Polyadenylated Canonical Histone H3.1 mRNA. <i>Biological Trace Element Research</i> , 2015, 166, 72-81.	1.9	41
3516	Decreased basal activity of HDL associated enzyme: Paraoxonase (PON) during uncompensated oxidative stress among type 2 diabetes mellitus patients. <i>International Journal of Diabetes in Developing Countries</i> , 2015, 35, 483-490.	0.3	3
3517	Cold plasma treatment for the microbiological safety of cabbage, lettuce, and dried figs. <i>Food Microbiology</i> , 2015, 51, 74-80.	2.1	122
3518	Insulin resistance in Alzheimer disease: Is heme oxygenase-1 an Achille's heel?. <i>Neurobiology of Disease</i> , 2015, 84, 69-77.	2.1	26
3519	A near-infrared fluorescent probe for rapid detection of hydrogen peroxide in living cells. <i>Tetrahedron</i> , 2015, 71, 4842-4845.	1.0	39
3520	Piroxicam, a traditional non-steroidal anti-inflammatory drug (NSAID) causes apoptosis by ROS mediated Akt activation. <i>Pharmacological Reports</i> , 2015, 67, 1215-1223.	1.5	22
3521	Comparative Analysis of Phenolics, Flavonoids, and Antioxidant and Antibacterial Potential of Methanolic, Hexanic and Aqueous Extracts from <i>Adiantum caudatum</i> Leaves. <i>Antioxidants</i> , 2015, 4, 394-409.	2.2	141

#	ARTICLE	IF	CITATIONS
3522	Recombinant HDL (Milano) protects endotoxin-challenged rats from multiple organ injury and dysfunction. <i>Biological Chemistry</i> , 2015, 396, 53-60.	1.2	28
3523	Vitamin E and selenium in broiler breeder diets: Effect on live performance, hatching process, and chick quality. <i>Poultry Science</i> , 2015, 94, 976-983.	1.5	63
3524	Oxidative Stress Status and Placental Implications in Diabetic Rats Undergoing Swimming Exercise After Embryonic Implantation. <i>Reproductive Sciences</i> , 2015, 22, 602-608.	1.1	23
3525	Extension of the established period of diacetyl adaptation by oxygen intermediates in the nematode <i>Caenorhabditis elegans</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2015, 184, 156-162.	0.8	1
3526	Effects of Industrial Processes on Antioxidant Power and Polyphenols Profile in Cherry Tomato Cultivar. <i>Journal of Medicinal Food</i> , 2015, 18, 1173-1178.	0.8	6
3527	Mitochondrially targeted redox probe reveals the variations in oxidative capacity of the haematopoietic cells. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 6686-6689.	1.5	37
3528	Biological effects of chitosan and its derivatives. <i>Food Hydrocolloids</i> , 2015, 51, 200-216.	5.6	197
3529	Effect of daily drinking of <i>Aloe vera</i> gel extract on plasma total antioxidant capacity and oral pathogenic bacteria in healthy volunteer: a short-term study. <i>Journal of Complementary and Integrative Medicine</i> , 2015, 12, 159-164.	0.4	10
3530	Bioactive components and properties of ethanolic extract and its fractions from <i>Gynura procumbens</i> leaves. <i>Industrial Crops and Products</i> , 2015, 74, 271-278.	2.5	37
3531	Polycyclic Aromatic Hydrocarbon, Haematological and Oxidative Stress Levels in Commercial Photocopier Operators In Lagos, Nigeria. <i>Ghana Medical Journal</i> , 2015, 49, 37.	0.2	13
3532	Manganese-Superoxide Dismutase (MnSOD) Polymorphisms. <i>Turkish Journal of Biochemistry</i> , 0, , .	0.3	0
3533	Oxidative Stress and Nitric Oxide in Sedentary Older Adults with Intellectual and Developmental Disabilities. <i>Advances in Experimental Medicine and Biology</i> , 2015, 884, 21-27.	0.8	6
3534	Treatment with Mesna and ω -3 polyunsaturated fatty acids ameliorates experimental ulcerative colitis in rats. <i>International Journal of Experimental Pathology</i> , 2015, 96, 433-443.	0.6	19
3535	8 Metal Ions Affecting the Immune System. , 2015, , 157-186.		1
3536	Biomarkers of oxidative stress following continuous positive airway pressure withdrawal: data from two randomised trials. <i>European Respiratory Journal</i> , 2015, 46, 1065-1071.	3.1	34
3537	Feed supplemented with polyphenolic byproduct from olive mill wastewater processing improves the redox status in blood and tissues of piglets. <i>Food and Chemical Toxicology</i> , 2015, 86, 319-327.	1.8	61
3538	The nutrigenetic influence of the interaction between dietary vitamin E and TXN and COMT gene polymorphisms on waist circumference: a case control study. <i>Journal of Translational Medicine</i> , 2015, 13, 286.	1.8	14
3539	Plant-Derived Polyphenols. <i>Advances in Molecular Toxicology</i> , 2015, 9, 161-214.	0.4	27

#	ARTICLE	IF	CITATIONS
3540	Detection of oxidative stress in neurodegenerative diseases. , 2015, , .		1
3541	Synthesis and biological efficacy of novel piperazine analogues bearing quinoline and pyridine moieties. Russian Journal of Bioorganic Chemistry, 2015, 41, 554-561.	0.3	7
3542	Complex I and complex III inhibition specifically increase cytosolic hydrogen peroxide levels without inducing oxidative stress in HEK293 cells. Redox Biology, 2015, 6, 607-616.	3.9	60
3543	Effects of chronic exposure to 950 MHz ultra-high-frequency electromagnetic radiation on reactive oxygen species metabolism in the right and left cerebral cortex of young rats of different ages. International Journal of Radiation Biology, 2015, 91, 891-897.	1.0	10
3544	Evaluation of in vitro antioxidant and anti-inflammatory activities of Ximenia americana extracts. Asian Pacific Journal of Tropical Disease, 2015, 5, 918-923.	0.5	18
3545	The influence of graded levels of available phosphorus on growth performance, muscle antioxidant and flesh quality of young grass carp (<i>Ctenopharyngodon idella</i>). Animal Nutrition, 2015, 1, 77-84.	2.1	89
3546	Leukotriene C4 is the major trigger of stress-induced oxidative DNA damage. Nature Communications, 2015, 6, 10112.	5.8	80
3547	Inhibition of reactive oxygen species downregulates the MAPK pathway in rat spinal cord after limb ischemia reperfusion injury. International Journal of Surgery, 2015, 22, 74-78.	1.1	17
3548	Purification of Glutathione S-Transferase pi from Erythrocytes and Evaluation of the Inhibitory Effect of Hypericin. Protein Journal, 2015, 34, 434-443.	0.7	9
3549	The potential cytotoxicity and mechanism of VO ₂ thin films for intelligent thermochromic windows. RSC Advances, 2015, 5, 106315-106324.	1.7	19
3551	Perspectives for thiamin as a preparation for correction of free radical states of different origin. Russian Journal of General Chemistry, 2015, 85, 2886-2897.	0.3	0
3552	Effects of Aging and Cardiovascular Disease Risk Factors on the Expression of Sirtuins in the Human Corpus Cavernosum. Journal of Sexual Medicine, 2015, 12, 2141-2152.	0.3	14
3553	Butein suppresses cervical cancer growth through the PI3K/AKT/mTOR pathway. Oncology Reports, 2015, 33, 3085-3092.	1.2	43
3554	Schisandrae semen essential oil attenuates oxidative stress-induced cell damage in C2C12 murine skeletal muscle cells through Nrf2-mediated upregulation of HO-1. International Journal of Molecular Medicine, 2015, 35, 453-459.	1.8	22
3555	Serum paraoxonase and arylesterase activities in patients with chronic otitis media. Redox Report, 2015, 20, 241-245.	1.4	2
3556	Free Radical Threshold Value: A New Universal Body Constant. Skin Pharmacology and Physiology, 2015, 28, 264-268.	1.1	22
3557	A brief history of circadian time: The emergence of redox oscillations as a novel component of biological rhythms. Perspectives in Science, 2015, 6, 27-37.	0.6	22
3558	Biology-inspired AMO physics. Journal of Physics B: Atomic, Molecular and Optical Physics, 2015, 48, 022001.	0.6	9

#	ARTICLE	IF	CITATIONS
3559	Visible assay for glycosylase based on intrinsic catalytic ability of graphene/gold nanoparticles hybrids. <i>Biosensors and Bioelectronics</i> , 2015, 68, 7-13.	5.3	37
3560	Diabetes and alcohol: Double jeopardy with regard to oxidative toxicity and sexual dysfunction in adult male Wistar rats. <i>Reproductive Toxicology</i> , 2015, 51, 57-63.	1.3	10
3561	Quantification of Major Compounds from <i>Ixeris dentata</i> , <i>Ixeris dentata</i> Var. <i>albiflora</i> , and <i>Ixeris sonchifolia</i> and Their Comparative Anti-Inflammatory Activity in Lipopolysaccharide-Stimulated RAW 264.7 Cells. <i>Journal of Medicinal Food</i> , 2015, 18, 83-94.	0.8	21
3562	Effect of Daily Chewing Soft Buds and Leaves of <i>Catha edulis</i> (Khat) on the Antioxidant Defense System and Oxidative Stress Markers in Blood. <i>Arabian Journal for Science and Engineering</i> , 2015, 40, 1-6.	1.1	10
3563	Oxidative Stress and Diabetes. , 2015, , 241-257.		1
3564	Acetyl- and butyryl-cholinesterase inhibitory activities of the edible brown alga <i>Eisenia bicyclis</i> . <i>Archives of Pharmacal Research</i> , 2015, 38, 1477-1487.	2.7	28
3565	Differential oxidative stress levels in mothers with preeclampsia delivering male and female babies. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2015, 28, 1973-1980.	0.7	21
3566	Antioxidant and anti-inflammatory activities of methanol extract and its fractions from the brown seaweed <i>Spatoglossum schroederi</i> . <i>Journal of Applied Phycology</i> , 2015, 27, 2367-2376.	1.5	11
3567	Cyanidin 3-O- β -D-Glucoside Improves Bone Indices. <i>Journal of Medicinal Food</i> , 2015, 18, 690-697.	0.8	14
3568	The importance of the oxidative status of dairy cattle in the periparturient period: revisiting antioxidant supplementation. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2015, 99, 1003-1016.	1.0	142
3569	Evaluation of antioxidant enzyme activity and antioxidant capacity in patients with newly diagnosed pemphigus vulgaris. <i>Clinical and Experimental Dermatology</i> , 2015, 40, 313-317.	0.6	19
3570	Protective effects of unsaponifiable matter from rice bran on oxidative damage by modulating antioxidant enzyme activities in HepG2 cells. <i>LWT - Food Science and Technology</i> , 2015, 61, 602-608.	2.5	26
3571	Antioxidants and biomarkers of oxidative damage in the saliva of patients with Down's syndrome. <i>Archives of Oral Biology</i> , 2015, 60, 600-605.	0.8	26
3572	Major depression induces oxidative stress and platelet hyperaggregability. <i>Journal of Psychiatric Research</i> , 2015, 61, 19-24.	1.5	28
3573	A single dose of PPAR α agonist pioglitazone reduces cortical oxidative damage and microglial reaction following lateral fluid percussion brain injury in rats. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2015, 59, 8-20.	2.5	30
3574	The role of oxidative stress in anticancer activity of sesquiterpene lactones. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2015, 388, 477-486.	1.4	84
3575	Protective Effects of Glucosamine on Oxidative-Stress and Ischemia/Reperfusion-Induced Retinal Injury. <i>Investigative Ophthalmology and Visual Science</i> , 2015, 56, 1506-1516.	3.3	45
3576	Epalrestat increases glutathione, thioredoxin, and heme oxygenase-1 by stimulating Nrf2 pathway in endothelial cells. <i>Redox Biology</i> , 2015, 4, 87-96.	3.9	32

#	ARTICLE	IF	CITATIONS
3577	Reactive oxygen species (ROS)-responsive tellurium-containing hyperbranched polymer. <i>Polymer Chemistry</i> , 2015, 6, 2817-2821.	1.9	60
3578	The detoxification process, bioaccumulation and damage effect in juvenile white shrimp <i>Litopenaeus vannamei</i> exposed to chrysene. <i>Ecotoxicology and Environmental Safety</i> , 2015, 114, 44-51.	2.9	29
3579	Highly efficient conversion of superoxide to oxygen using hydrophilic carbon clusters. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 2343-2348.	3.3	173
3580	Detection of Biomarkers for Different Diseases on Biosensor Surfaces Part II. , 2015, , 525-558.		0
3581	Phytochemical analysis, antioxidant and antilipid peroxidation effects of a medicinal plant, <i>Adhatoda vasica</i> . <i>Frontiers in Life Science: Frontiers of Interdisciplinary Research in the Life Sciences</i> , 2015, 8, 305-312.	1.1	16
3582	Thin-layer chromatography coupled with biological detection to screen natural mixtures for potential drug leads. <i>Phytochemistry Letters</i> , 2015, 11, 445-454.	0.6	35
3583	Bioactivity, stability and phenolic characterization of <i>Filipendula ulmaria</i> (L.) Maxim.. <i>Food and Function</i> , 2015, 6, 1164-1175.	2.1	33
3584	Two Novel Exopolysaccharides from <i>Bacillus amyloliquefaciens</i> C-1: Antioxidation and Effect on Oxidative Stress. <i>Current Microbiology</i> , 2015, 70, 298-306.	1.0	39
3585	Oxidative stress as an etiological factor and a potential treatment target of psychiatric disorders. Part 1. Chemical aspects and biological sources of oxidative stress in the brain. <i>Pharmacological Reports</i> , 2015, 67, 560-568.	1.5	53
3586	Hepatoprotective and Antioxidant Effects of Wheat, Carrot, and Mango as Nutraceutical Agents against CCl ₄ -Induced Hepatocellular Toxicity. <i>Journal of the American College of Nutrition</i> , 2015, 34, 228-231.	1.1	20
3587	Cocoa intake ameliorates hepatic oxidative stress in young Zucker diabetic fatty rats. <i>Food Research International</i> , 2015, 69, 194-201.	2.9	30
3588	Free Radicals: Properties, Sources, Targets, and Their Implication in Various Diseases. <i>Indian Journal of Clinical Biochemistry</i> , 2015, 30, 11-26.	0.9	1,694
3589	Effect of electron donating groups on polyphenol-based antioxidant dendrimers. <i>Biochimie</i> , 2015, 111, 125-134.	1.3	48
3590	Antioxidant and protective effect of inulin and catechin grafted inulin against CCl ₄ -induced liver injury. <i>International Journal of Biological Macromolecules</i> , 2015, 72, 1479-1484.	3.6	61
3591	Effects of tetrathiomolybdate and penicillamine on brain hydroxyl radical and free copper levels: A microdialysis study in vivo. <i>Biochemical and Biophysical Research Communications</i> , 2015, 458, 82-85.	1.0	21
3592	Peripheral Oxidative Stress Blood Markers in Patients With Chronic Back or Neck Pain Treated With High-Velocity, Low-Amplitude Manipulation. <i>Journal of Manipulative and Physiological Therapeutics</i> , 2015, 38, 119-129.	0.4	20
3593	Hepatoprotective effects of kaempferol 3-O-rutinoside and kaempferol 3-O-glucoside from <i>Carthamus tinctorius</i> L. on CCl ₄ -induced oxidative liver injury in mice. <i>Journal of Food and Drug Analysis</i> , 2015, 23, 310-317.	0.9	123
3594	Influence of roasting conditions on the chemical properties and antioxidant activity of perilla oils. <i>Journal of the Korean Society for Applied Biological Chemistry</i> , 2015, 58, 325-334.	0.9	12

#	ARTICLE	IF	CITATIONS
3595	Selenium and Selenium-Dependent Antioxidants in Chronic Kidney Disease. <i>Advances in Clinical Chemistry</i> , 2015, 68, 131-151.	1.8	74
3596	Effects of imperatorin on scopolamine-induced cognitive impairment and oxidative stress in mice. <i>Psychopharmacology</i> , 2015, 232, 931-942.	1.5	145
3597	ROS-Triggered Signaling Pathways Involved in the Cytotoxicity and Tumor Promotion Effects of Pentachlorophenol and Tetrachlorohydroquinone. <i>Chemical Research in Toxicology</i> , 2015, 28, 339-350.	1.7	28
3598	Three New Dimers and Two Monomers of Phenolic Amides from the Fruits of <i>Lycium barbarum</i> and Their Antioxidant Activities. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 1067-1075.	2.4	63
3599	Exploring the Aqueous Vertical Ionization of Organic Molecules by Molecular Simulation and Liquid Microjet Photoelectron Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2015, 119, 238-256.	1.2	32
3600	Re-examining the Photomediated Dissociation and Recombination Kinetics of Hexaarylbiimidazoles. <i>Industrial & Engineering Chemistry Research</i> , 2015, 54, 4203-4212.	1.8	16
3601	Blood reflects tissue oxidative stress: a systematic review. <i>Biomarkers</i> , 2015, 20, 97-108.	0.9	83
3602	Studies on phytochemical analysis, antioxidant and lipid peroxidation inhibitory effects of a medicinal plant, <i>Coleus forskohlii</i> . <i>Frontiers in Life Science: Frontiers of Interdisciplinary Research in the Life Sciences</i> , 2015, 8, 139-147.	1.1	8
3603	Modulation of hepatic lipid metabolism by olive oil and its phenols in nonalcoholic fatty liver disease. <i>IUBMB Life</i> , 2015, 67, 9-17.	1.5	49
3604	The Dysfunction of the Trabecular Meshwork During Glaucoma Course. <i>Journal of Cellular Physiology</i> , 2015, 230, 510-525.	2.0	88
3605	Oxidative stress is independent of inflammation in the neurodegenerative sanfilippo syndrome type B. <i>Journal of Neuroscience Research</i> , 2015, 93, 424-432.	1.3	23
3606	Cocoa flavonoids protect hepatic cells against high glucose-induced oxidative stress: Relevance of MAPKs. <i>Molecular Nutrition and Food Research</i> , 2015, 59, 597-609.	1.5	84
3607	Olfactory Proxy Detection of Dietary Antioxidants in <i>Drosophila</i> . <i>Current Biology</i> , 2015, 25, 455-466.	1.8	104
3608	Cystic Fibrosis-Related Oxidative Stress and Intestinal Lipid Disorders. <i>Antioxidants and Redox Signaling</i> , 2015, 22, 614-631.	2.5	23
3609	Understanding cancer and the anticancer activities of naphthoquinones – a review. <i>RSC Advances</i> , 2015, 5, 20309-20338.	1.7	240
3610	Sulfur and selenium antioxidants: Challenging radical scavenging mechanisms and developing structure-activity relationships based on metal binding. <i>Journal of Inorganic Biochemistry</i> , 2015, 145, 30-40.	1.5	100
3611	Changes in the mitochondrial antioxidant systems in neurodegenerative diseases and acute brain disorders. <i>Neurochemistry International</i> , 2015, 88, 66-72.	1.9	95
3612	Antioxidant Activity of <i>Alhagi camelorum</i> Phenolics Extracted by Automated and Standard Extraction Techniques. <i>Separation Science and Technology</i> , 2015, 50, 529-535.	1.3	2

#	ARTICLE	IF	CITATIONS
3613	Nitric oxide and antioxidant enzyme levels in blood of respiratory distress syndrome " Egyptian preterms and their mothers. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2015, 28, 41-45.	0.7	3
3614	Fatigue in psoriasis: a phenomenon to be explored. <i>British Journal of Dermatology</i> , 2015, 172, 1196-1203.	1.4	31
3616	Determination of active radical scavenging compounds in polar fruit and vegetable extracts by an on-line HPLC method. <i>LWT - Food Science and Technology</i> , 2015, 62, 152-159.	2.5	9
3617	Metabolic restructuring and cell fate conversion. <i>Cellular and Molecular Life Sciences</i> , 2015, 72, 1759-1777.	2.4	31
3618	The redox-active nanomaterial toolbox for cancer therapy. <i>Cancer Letters</i> , 2015, 359, 9-19.	3.2	55
3619	Alpha-Substituted Derivatives of Cinnamaldehyde as Tyrosinase Inhibitors: Inhibitory Mechanism and Molecular Analysis. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 716-722.	2.4	78
3620	Sustained delivery of exogenous melatonin influences biomarkers of oxidative stress and total antioxidant capacity in summer-stressed anestrus water buffalo (<i>Bubalus bubalis</i>). <i>Theriogenology</i> , 2015, 83, 1402-1407.	0.9	22
3621	Simultaneous Electrochemical Analysis of Hydrophilic and Lipophilic Antioxidants in Bicontinuous Microemulsion. <i>Analytical Chemistry</i> , 2015, 87, 1489-1493.	3.2	26
3622	Targeting copper induced oxidative damage to proteins by ligation: a novel approach towards chelation therapy for oxidative stress disorders. <i>New Journal of Chemistry</i> , 2015, 39, 2720-2727.	1.4	7
3623	The impact of resveratrol and hydrogen peroxide on muscle cell plasticity shows a dose-dependent interaction. <i>Scientific Reports</i> , 2015, 5, 8093.	1.6	59
3624	Effect of dietary glutamine on growth performance, non-specific immunity, expression of cytokine genes, phosphorylation of target of rapamycin (TOR), and anti-oxidative system in spleen and head kidney of Jian carp (<i>Cyprinus carpio</i> var. Jian). <i>Fish Physiology and Biochemistry</i> , 2015, 41, 635-649.	0.9	65
3625	Farnesoid X Receptor Antagonizes JNK Signaling Pathway in Liver Carcinogenesis by Activating SOD3. <i>Molecular Endocrinology</i> , 2015, 29, 322-331.	3.7	38
3626	Indole acetic acid modulates changes in growth, chlorophyll a fluorescence and antioxidant potential of <i>Trigonella foenum-graecum</i> L. grown under cadmium stress. <i>Acta Physiologiae Plantarum</i> , 2015, 37, 1.	1.0	63
3627	Oxidative stress in songbirds exposed to dietary methylmercury. <i>Ecotoxicology</i> , 2015, 24, 520-526.	1.1	25
3628	The lipid peroxidation and antioxidant status of type 2 diabetic patients in Kashmir (India). <i>International Journal of Diabetes in Developing Countries</i> , 2015, 35, 476-481.	0.3	4
3630	Protective Effects of Arachidonic Acid Against Paraquat-Induced Pulmonary Injury. <i>Inflammation</i> , 2015, 38, 1458-1463.	1.7	10
3631	Neurochemical, structural and neurobehavioral evidence of neuronal protection by whey proteins in diabetic albino mice. <i>Behavioral and Brain Functions</i> , 2015, 11, 7.	1.4	11
3632	Effects of physicochemical properties of nanomaterials on their toxicity. <i>Journal of Biomedical Materials Research - Part A</i> , 2015, 103, 2499-2507.	2.1	91

#	ARTICLE	IF	CITATIONS
3633	Chlorella Ethanol Extract Induced Phase II Enzyme Through NFE2L2 (Nuclear Factor) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 747 Td ([Eryth Medicinal Food, 2015, 18, 182-189.	0.8	11
3634	Regulation of the ovarian oxidative status by leptin during the ovulatory process in rats. Reproduction, 2015, 149, 357-366.	1.1	17
3635	Antioxidative effect of ginseng stem-leaf saponins on oxidative stress induced by cyclophosphamide in chickens. Poultry Science, 2015, 94, 927-933.	1.5	33
3636	Daily consumption of white tea (<i>Camellia sinensis</i> (L.)) improves the cerebral cortex metabolic and oxidative profile in prediabetic Wistar rats. British Journal of Nutrition, 2015, 113, 832-842.	1.2	31
3637	Hydrogen sulfide protects against apoptosis under oxidative stress through SIRT1 pathway in H9c2 cardiomyocytes. Nitric Oxide - Biology and Chemistry, 2015, 46, 204-212.	1.2	78
3638	Sargassum horneri methanol extract rescues C2C12 murine skeletal muscle cells from oxidative stress-induced cytotoxicity through Nrf2-mediated upregulation of heme oxygenase-1. BMC Complementary and Alternative Medicine, 2015, 15, 17.	3.7	13
3639	Inhibition of the sarco/endoplasmic reticulum Ca ²⁺ -ATPase (SERCA1) by rutin derivatives. Journal of Muscle Research and Cell Motility, 2015, 36, 183-194.	0.9	12
3640	Quercetin protects gastric epithelial cell from oxidative damage in vitro and in vivo. European Journal of Pharmacology, 2015, 754, 115-124.	1.7	77
3641	A Reactive Oxygen Species-Mediated Loop Maintains Increased Expression of NADPH Oxidases 2 and 4 in Skin Fibroblasts From Patients With Systemic Sclerosis. Arthritis and Rheumatology, 2015, 67, 1611-1622.	2.9	54
3642	Antioxidative effects of ethyl 2-(3-(benzo[d]thiazol-2-yl)ureido)acetate against amyloid β -induced oxidative cell death via NF- κ B, GSK-3 β and β -catenin signaling pathways in cultured cortical neurons. Free Radical Research, 2015, 49, 411-421.	1.5	8
3643	Folic acid supplemented goat milk has beneficial effects on hepatic physiology, haematological status and antioxidant defence during chronic Fe repletion. Journal of Dairy Research, 2015, 82, 86-94.	0.7	9
3644	Exercise and oxidative stress: Potential effects of antioxidant dietary strategies in sports. Nutrition, 2015, 31, 916-922.	1.1	304
3645	Protective Effects of <i>Turbinaria ornata</i> and <i>Padina pavonia</i> against Azoxymethane-Induced Colon Carcinogenesis through Modulation of PPAR Gamma, NF- κ B and Oxidative Stress. Phytotherapy Research, 2015, 29, 737-748.	2.8	22
3646	Effect of N-acetylcysteine plus deferoxamine on oxidative stress and inflammation in dystrophic muscle cells. Redox Report, 2015, 20, 109-115.	1.4	17
3647	Bioactive compounds and scavenging capacity of extracts from different parts of <i>Vismia cauliflora</i> against reactive oxygen and nitrogen species. Pharmaceutical Biology, 2015, 53, 1267-1276.	1.3	15
3648	Chemical Constituents and Biological Activities of <i>Zanthoxylum limonella</i> (Rutaceae): A Review. Tropical Journal of Pharmaceutical Research, 2015, 13, 2119.	0.2	29
3649	Selective inhibition of extracellular oxidants liberated from human neutrophils: A new mechanism potentially involved in the anti-inflammatory activity of hydroxychloroquine. International Immunopharmacology, 2015, 28, 175-181.	1.7	18
3650	Physicochemical characteristics of commercial coconut oils produced in India. Grasas Y Aceites, 2015, 66, e062.	0.3	24

#	ARTICLE	IF	CITATIONS
3651	Engineering the defect state and reducibility of ceria based nanoparticles for improved anti-oxidation performance. <i>Nanoscale</i> , 2015, 7, 13981-13990.	2.8	100
3652	Crystallographic and solution studies of NAD ⁺ - and NADH-bound alkylhydroperoxide reductase subunit F (AhpF) from <i>Escherichia coli</i> provide insight into sequential enzymatic steps. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2015, 1847, 1139-1152.	0.5	12
3653	The antioxidative potential of farrerol occurs via the activation of Nrf2 mediated HO-1 signaling in RAW 264.7 cells. <i>Chemico-Biological Interactions</i> , 2015, 239, 192-199.	1.7	34
3654	Carbon nanoparticles and oxidative stress: could an injection stop brain damage in minutes?. <i>Nanomedicine</i> , 2015, 10, 1677-1679.	1.7	20
3655	Association Between Thyroid Hormones, Lipids and Oxidative Stress Markers in Subclinical Hypothyroidism / Povezanost IzmeU Tireoidnih Hormona, Lipida I Markera Oksidativnog Stresa U SubkliniÅ%Koj Hipotireozi. <i>Journal of Medical Biochemistry</i> , 2015, 34, 323-331.	0.7	24
3656	Immuno-spin trapping detection of antioxidant/pro-oxidant properties of zinc or selenium on DNA and protein radical formation via hydrogen peroxide. <i>Molecular and Cellular Biochemistry</i> , 2015, 409, 23-31.	1.4	4
3657	Nanomedicine in the ROS-mediated pathophysiology: Applications and clinical advances. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015, 11, 2033-2040.	1.7	58
3658	The electrochemiluminescence of luminol on titania nanotubes functionalised indium tin oxide glass for flow injection analysis. <i>Talanta</i> , 2015, 143, 90-96.	2.9	14
3659	Solvent effects on phenolic content, composition, and antioxidant activity of extracts from florets of sunflower (<i>Helianthus annuus</i> L.). <i>Industrial Crops and Products</i> , 2015, 76, 574-581.	2.5	55
3660	The complexity of the Nrf2 pathway: beyond the antioxidant response. <i>Journal of Nutritional Biochemistry</i> , 2015, 26, 1401-1413.	1.9	325
3661	The antioxidant mechanism of nitroxide TEMPO: scavenging with glutathionyl radicals. <i>RSC Advances</i> , 2015, 5, 63655-63661.	1.7	19
3662	Shifting anaerobic to aerobic metabolism stimulates apoptosis through modulation of redox balance: A potential intervention in the pathogenesis of postoperative adhesions. <i>Fertility and Sterility</i> , 2015, 104, 1022-1029.	0.5	12
3663	The seed of the Amazonian fruit <i>Couepia bracteosa</i> exhibits higher scavenging capacity against ROS and RNS than its shell and pulp extracts. <i>Food and Function</i> , 2015, 6, 3081-3090.	2.1	12
3664	Autism, Development and Neural Plasticity. , 2015, , 119-135.		2
3665	Synthesis, characterization, and controlled release of selenium nanoparticles stabilized by chitosan of different molecular weights. <i>Carbohydrate Polymers</i> , 2015, 134, 158-166.	5.1	143
3666	Performance of PNOF6 for Hydrogen Abstraction Reactions. <i>Journal of Physical Chemistry A</i> , 2015, 119, 6981-6988.	1.1	9
3667	Modified hydroxyethyl starch protects cells from oxidative damage. <i>Carbohydrate Polymers</i> , 2015, 134, 314-323.	5.1	10
3668	Systemic lupus erythematosus onset in lupus-prone B6.MRL/lpr mice is influenced by weight gain and is preceded by an increase in neutrophil oxidative burst activity. <i>Free Radical Biology and Medicine</i> , 2015, 86, 362-373.	1.3	10

#	ARTICLE	IF	CITATIONS
3669	Astragalus polysaccharides inhibits PCV2 replication by inhibiting oxidative stress and blocking NF- κ B pathway. <i>International Journal of Biological Macromolecules</i> , 2015, 81, 22-30.	3.6	71
3670	Expression Profile of Antioxidant Enzymes in Hemocytes from Freshwater Prawn <i>Macrobrachium rosenbergii</i> Exposed to an Elevated Level of Copper. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2015, 95, 447-451.	1.3	10
3671	Improved burn wound healing by the antimicrobial peptide LLKKK18 released from conjugates with dextrin embedded in a carbopol gel. <i>Acta Biomaterialia</i> , 2015, 26, 249-262.	4.1	63
3673	Photoactivation of ROS Production In Situ Transiently Activates Cell Proliferation in Mouse Skin and in the Hair Follicle Stem Cell Niche Promoting Hair Growth and Wound Healing. <i>Journal of Investigative Dermatology</i> , 2015, 135, 2611-2622.	0.3	66
3674	Oxidative stress in preeclampsia and the role of free fetal hemoglobin. <i>Frontiers in Physiology</i> , 2014, 5, 516.	1.3	125
3675	Oxidative stress in Alzheimer disease and mild cognitive impairment: evidence from human data provided by redox proteomics. <i>Archives of Toxicology</i> , 2015, 89, 1669-1680.	1.9	155
3676	The Influence of Polymorphisms in Disease Severity in β^2 -Thalassemia. <i>Biochemical Genetics</i> , 2015, 53, 235-243.	0.8	6
3677	Investigation of the role of nitric oxide/soluble guanylyl cyclase pathway in ascorbic acid-mediated protection against acute kidney injury in rats. <i>Molecular and Cellular Biochemistry</i> , 2015, 406, 1-7.	1.4	18
3678	Lanthanide Nanoparticles: From Design toward Bioimaging and Therapy. <i>Chemical Reviews</i> , 2015, 115, 10725-10815.	23.0	946
3679	Understanding the chemistry behind the antioxidant activities of β -butylated hydroxytoluene (BHT): A review. <i>European Journal of Medicinal Chemistry</i> , 2015, 101, 295-312.	2.6	291
3680	The role of multifunctional drug therapy against carbamate induced neuronal toxicity during acute and chronic phase in rats. <i>Environmental Toxicology and Pharmacology</i> , 2015, 40, 220-229.	2.0	7
3681	Involvement of Cytochrome P450 in Reactive Oxygen Species Formation and Cancer. <i>Advances in Pharmacology</i> , 2015, 74, 35-84.	1.2	141
3682	A randomized controlled trial of 6-week <i>Chlorella vulgaris</i> supplementation in patients with major depressive disorder. <i>Complementary Therapies in Medicine</i> , 2015, 23, 598-602.	1.3	24
3683	Vitamin D deficiency and Alzheimer disease: Common links. <i>Neurobiology of Disease</i> , 2015, 84, 84-98.	2.1	48
3684	Evaluation of gatifloxacin for its potential to induce antioxidant imbalance and retinopathy in rabbits. <i>Human and Experimental Toxicology</i> , 2015, 34, 372-379.	1.1	8
3685	Spatio-temporal Model of Endogenous ROS and Raft-Dependent WNT/Beta-Catenin Signaling Driving Cell Fate Commitment in Human Neural Progenitor Cells. <i>PLoS Computational Biology</i> , 2015, 11, e1004106.	1.5	49
3686	MNADK, a Long-Awaited Human Mitochondrion-Localized NAD Kinase. <i>Journal of Cellular Physiology</i> , 2015, 230, 1697-1701.	2.0	37
3687	Biobehavioral and neuroendocrine correlates of antioxidant enzyme activity in ovarian carcinoma. <i>Brain, Behavior, and Immunity</i> , 2015, 50, 58-62.	2.0	6

#	ARTICLE	IF	CITATIONS
3688	Concepts in bio-molecular spectroscopy: vibrational case studies on metalloenzymes. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 18222-18237.	1.3	14
3689	Analgesic, anti-inflammatory, and anti-oxidant activities of <i>Phlogacanthus thyrsoiflorus</i> leaves. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2015, 26, 153-159.	0.7	7
3690	ROS Produced by NOX2 Controls <i>In Vitro</i> Development of Cerebellar Granule Neurons Development. <i>ASN Neuro</i> , 2015, 7, 175909141557871.	1.5	65
3691	Polyactives: controlled and sustained bioactive release via hydrolytic degradation. <i>Biomaterials Science</i> , 2015, 3, 1171-1187.	2.6	30
3692	<i>In Vitro</i> Protective Ability of <i>Ramaria aurea</i> Against Free Radical and Identification of Main Phenolic Acids by HPLC. <i>Journal of Herbs, Spices and Medicinal Plants</i> , 2015, 21, 380-391.	0.5	6
3693	Is tryptophan metabolism involved in sleep apnea-related cardiovascular co-morbidities and cancer progression?. <i>Medical Hypotheses</i> , 2015, 85, 415-423.	0.8	9
3694	Vanillic Acid Inhibits Inflammatory Pain by Inhibiting Neutrophil Recruitment, Oxidative Stress, Cytokine Production, and NF κ B Activation in Mice. <i>Journal of Natural Products</i> , 2015, 78, 1799-1808.	1.5	139
3695	Oxidative stress parameters of Gaucher disease type I patients. <i>Molecular Genetics and Metabolism Reports</i> , 2015, 4, 1-5.	0.4	12
3696	Pro-oxidant activity of polyphenols and its implication on cancer chemoprevention and chemotherapy. <i>Biochemical Pharmacology</i> , 2015, 98, 371-380.	2.0	209
3697	Chemoprevention of Diethylnitrosamine-Initiated and Phenobarbital-Promoted Hepatocarcinogenesis in Rats by Sulfated Polysaccharides and Aqueous Extract of <i>Ulva lactuca</i> . <i>Integrative Cancer Therapies</i> , 2015, 14, 525-545.	0.8	51
3698	Applications of the Keap1 κ Nrf2 system for gene and cell therapy. <i>Free Radical Biology and Medicine</i> , 2015, 88, 350-361.	1.3	41
3699	Low molecular weight guluronate prevents TNF α -induced oxidative damage and mitochondrial dysfunction in C2C12 skeletal muscle cells. <i>Food and Function</i> , 2015, 6, 3056-3064.	2.1	15
3700	Lipocarbazole, an efficient lipid peroxidation inhibitor anchored in the membrane. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 4866-4870.	1.4	13
3701	Sesquiterpene lactones from <i>Ambrosia</i> spp. are active against a murine lymphoma cell line by inducing apoptosis and cell cycle arrest. <i>Toxicology in Vitro</i> , 2015, 29, 1529-1536.	1.1	18
3703	Application of an optimized electrochemical sensor for monitoring astaxanthin antioxidant properties against lipoperoxidation. <i>New Journal of Chemistry</i> , 2015, 39, 6428-6436.	1.4	7
3704	Determination of antioxidant activities in fruit juices based on rapid colorimetric measurement and characterisation of gold nanoparticles. <i>International Journal of Environmental Analytical Chemistry</i> , 2015, 95, 531-541.	1.8	14
3705	Seasonality of fetal trisomy 21 κ have ambient air pollutants played a role?. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2015, 28, 552-557.	0.7	4
3706	Development and characterization of conducting polymer nanoparticles for photodynamic therapy in vitro. <i>Photodiagnosis and Photodynamic Therapy</i> , 2015, 12, 476-489.	1.3	11

#	ARTICLE	IF	CITATIONS
3707	Reactive oxygen species are involved in BMP-induced dendritic growth in cultured rat sympathetic neurons. <i>Molecular and Cellular Neurosciences</i> , 2015, 67, 116-125.	1.0	25
3708	Aroclor 1254 inhibits cell viability and induces apoptosis of human A549 lung cancer cells by modulating the intracellular Ca ²⁺ level and ROS production through the mitochondrial pathway. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2015, 50, 806-813.	0.9	11
3709	Purification, preliminary characterization and bioactivities of polysaccharides from <i>Ostrea rivularis</i> Gould. <i>International Journal of Biological Macromolecules</i> , 2015, 80, 16-22.	3.6	22
3710	Acute consumption of juÃ§ara juice (<i>Euterpe edulis</i>) and antioxidant activity in healthy individuals. <i>Journal of Functional Foods</i> , 2015, 17, 152-162.	1.6	36
3711	Fucoidan protects mesenchymal stem cells against oxidative stress and enhances vascular regeneration in a murine hindlimb ischemia model. <i>International Journal of Cardiology</i> , 2015, 198, 187-195.	0.8	48
3712	Inflammation in schizophrenia: A question of balance. <i>Neuroscience and Biobehavioral Reviews</i> , 2015, 55, 612-626.	2.9	155
3713	Swimbladder function and the spawning migration of the European eel <i>Anguilla anguilla</i> . <i>Frontiers in Physiology</i> , 2014, 5, 486.	1.3	47
3714	Piper betle extracts exhibit antitumor activity by augmenting antioxidant potential. <i>Oncology Letters</i> , 2015, 9, 863-868.	0.8	14
3715	The influence of planting and harvesting times on the total phenolic content and antioxidant activity of <i>Talinum triangulare</i> (Jacq.) Willd. <i>Acta Scientiarum - Agronomy</i> , 2015, 37, 249.	0.6	12
3716	Bone tissue engineering. , 2015, , 97-134.		7
3717	Comparative phytochemical analysis of <i>Gentiana cruciata</i> L. roots and aerial parts, and their biological activities. <i>Industrial Crops and Products</i> , 2015, 73, 49-62.	2.5	32
3718	Effect of yerba mate (<i>Ilex paraguariensis</i> A. St. Hil.) infusion obtained by freeze concentration technology on antioxidant status of healthy individuals. <i>LWT - Food Science and Technology</i> , 2015, 62, 948-954.	2.5	39
3719	The role of antioxidants in the chemistry of oxidative stress: A review. <i>European Journal of Medicinal Chemistry</i> , 2015, 97, 55-74.	2.6	1,771
3720	Dietary n-3 polyunsaturated fatty acids revert renal responses induced by a combination of 2 protocols that increase the amounts of advanced glycation end product in rats. <i>Nutrition Research</i> , 2015, 35, 512-522.	1.3	14
3721	<i>Annona muricata</i> leaves accelerate wound healing in rats via involvement of Hsp70 and antioxidant defence. <i>International Journal of Surgery</i> , 2015, 18, 110-117.	1.1	57
3722	Pasteurization of blackberry juice preserves polyphenol-dependent inhibition for lipid peroxidation and intracellular radicals. <i>Journal of Food Composition and Analysis</i> , 2015, 42, 56-62.	1.9	44
3723	Antioxidant Capacity and Bioaccessibility of Synergic Mango (cv. Ataulfo) Peel Phenolic Compounds in Edible Coatings Applied to Fresh-Cut Papaya. <i>Food and Nutrition Sciences (Print)</i> , 2015, 06, 365-373.	0.2	8
3724	Comparative analysis of antioxidative systems in malignant and benign brain tumours. <i>Redox Report</i> , 2015, 20, 69-74.	1.4	4

#	ARTICLE	IF	CITATIONS
3725	Novel approaches to identify protein adducts produced by lipid peroxidation. <i>Free Radical Research</i> , 2015, 49, 881-887.	1.5	21
3726	Ebselen by modulating oxidative stress improves hypoxia-induced macroglial M \bar{A} 1/4ller cell and vascular injury in the retina. <i>Experimental Eye Research</i> , 2015, 136, 1-8.	1.2	38
3727	New monoterpene glycosides from sunflower seeds and their protective effects against H ₂ O ₂ -induced myocardial cell injury. <i>Food Chemistry</i> , 2015, 187, 385-390.	4.2	10
3728	Angiogenesis contributes to the neuroprotection induced by hyperbaric oxygen preconditioning against focal cerebral ischemia in rats. <i>International Journal of Neuroscience</i> , 2015, 125, 625-634.	0.8	30
3729	Effects of non-toxic zinc exposure on human epidermal keratinocytes. <i>Metallomics</i> , 2015, 7, 499-507.	1.0	32
3730	Oxidative stress in the oral cavity: Sources and pathological outcomes. <i>Respiratory Physiology and Neurobiology</i> , 2015, 209, 91-94.	0.7	31
3731	Characterization and antioxidant activities of acidic polysaccharides from <i>Gynostemma pentaphyllum</i> (Thunb.) Markino. <i>Carbohydrate Polymers</i> , 2015, 127, 209-214.	5.1	37
3732	Pros and cons of fatty acids in bone biology. <i>Progress in Lipid Research</i> , 2015, 58, 121-145.	5.3	34
3733	Pulse Radiolysis and Ultraâ€Highâ€Performance Liquid Chromatography/Highâ€Resolution Mass Spectrometry Studies on the Reactions of the Carbonate Radical with Vitamin B ₁₂ Derivatives. <i>Chemistry - A European Journal</i> , 2015, 21, 6409-6419.	1.7	10
3734	Hepatoprotective effect of leaf extracts from <i>Citrus hystrix</i> and <i>C. maxima</i> against paracetamol induced liver injury in rats. <i>Food Science and Human Wellness</i> , 2015, 4, 35-41.	2.2	57
3735	Occupational exposure to chemicals and oxidative toxic stress. <i>Toxicology and Environmental Health Sciences</i> , 2015, 7, 1-24.	1.1	24
3736	Experimental colitis in mice is attenuated by topical administration of chlorogenic acid. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2015, 388, 643-651.	1.4	58
3737	Protective Effects of <i>Arctium lappa</i> L. Roots Against Hydrogen Peroxide-Induced Cell Injury and Potential Mechanisms in SH-SY5Y Cells. <i>Cellular and Molecular Neurobiology</i> , 2015, 35, 335-344.	1.7	38
3738	Bag5 Protects Neuronal Cells from Amyloid β -induced Cell Death. <i>Journal of Molecular Neuroscience</i> , 2015, 55, 815-820.	1.1	15
3739	Bioactive Properties of Mushroom (<i>Agaricus bisporus</i>) Stipe Extracts. <i>Journal of Food Processing and Preservation</i> , 2015, 39, 2225-2233.	0.9	16
3740	L-Plastin S-glutathionylation promotes reduced binding to β -actin and affects neutrophil functions. <i>Free Radical Biology and Medicine</i> , 2015, 86, 1-15.	1.3	33
3741	Antioxidant and anticancer peptides from the protein hydrolysate of blood clam (<i>Tegillarca granosa</i>) muscle. <i>Journal of Functional Foods</i> , 2015, 15, 301-313.	1.6	164
3742	Redox-Responsive Fluorescent Probes with Different Design Strategies. <i>Accounts of Chemical Research</i> , 2015, 48, 1358-1368.	7.6	433

#	ARTICLE	IF	CITATIONS
3743	Conducting polymer nanoparticles for targeted cancer therapy. RSC Advances, 2015, 5, 37943-37956.	1.7	24
3744	Improved oxidative status in major abdominal surgery patients after N-acetyl cystein supplementation. Nutrition Journal, 2015, 14, 4.	1.5	13
3745	Oxidant/antioxidant imbalance is an inherent feature of depression. BMC Psychiatry, 2015, 15, 71.	1.1	28
3746	Evaluation of antioxidant and anticancer activity of extract and fractions of Nardostachys jatamansi DC in breast carcinoma. BMC Complementary and Alternative Medicine, 2015, 15, 50.	3.7	61
3747	Association of single nucleotide polymorphisms in <i>MPO</i> and <i>COX</i> genes with oral lichen planus. International Journal of Immunogenetics, 2015, 42, 161-167.	0.8	11
3748	The effects of superoxide dismutase addition to the transport medium on cumulus oocyte complex apoptosis and IVF outcome in cats (<i>Felis catus</i>). Reproductive Biology, 2015, 15, 56-64.	0.9	24
3749	Ethanol and supercritical fluid extracts of hemp seed (<i>Cannabis sativa</i> L.) increase gene expression of antioxidant enzymes in HepG2 cells. Asian Pacific Journal of Reproduction, 2015, 4, 147-152.	0.2	23
3750	Covalent modification of DNA by α, β -unsaturated aldehydes derived from lipid peroxidation: Recent progress and challenges. Free Radical Research, 2015, 49, 905-917.	1.5	30
3751	Astaxanthin from <i>Haematococcus pluvialis</i> Prevents Oxidative Stress on Human Endothelial Cells without Toxicity. Marine Drugs, 2015, 13, 2857-2874.	2.2	114
3752	Effects of elevated parameters of subclinical ketosis on the immune system of dairy cows: in vivo and in vitro results. Archives of Animal Nutrition, 2015, 69, 113-127.	0.9	24
3753	Oxidative stress and epigenetic modifications in the pathogenesis of diabetic retinopathy. Progress in Retinal and Eye Research, 2015, 48, 40-61.	7.3	245
3754	Antioxidant, nutritional and anti-nutritional composition of <i>Garcinia kola</i> and <i>Chrysophyllum albidum</i> from rainforest ecosystem of Ondo State, Nigeria. Journal of Forestry Research, 2015, 26, 417-424.	1.7	12
3755	Studies on Phytochemicals, Antioxidant, Free Radical Scavenging and Lipid Peroxidation Inhibitory effects of <i>Trachyspermum ammi</i> seeds. Indian Journal of Pharmaceutical Education and Research, 2015, 49, 58-65.	0.3	6
3756	Phenolic contents and cellular antioxidant activity of Chinese hawthorn <i>Crataegus pinnatifida</i> . Food Chemistry, 2015, 186, 54-62.	4.2	104
3757	Phytochemical analysis, antioxidant, anti-inflammatory, and anticancer activities of the halophyte <i>Limonium densiflorum</i> extracts on human cell lines and murine macrophages. South African Journal of Botany, 2015, 99, 158-164.	1.2	62
3758	Butyrate modulates antioxidant enzyme expression in malignant and non-malignant human colon tissues. Molecular Carcinogenesis, 2015, 54, 249-260.	1.3	31
3759	Biodegradable Poly (Lactic-co-Glycolic Acid)-Polyethylene Glycol Nanocapsules: An Efficient Carrier for Improved Solubility, Bioavailability, and Anticancer Property of Lutein. Journal of Pharmaceutical Sciences, 2015, 104, 2085-2093.	1.6	54
3760	Global Analysis of Myocardial Peptides Containing Cysteines With Irreversible Sulfenic and Sulfonic Acid Post-Translational Modifications. Molecular and Cellular Proteomics, 2015, 14, 609-620.	2.5	34

#	ARTICLE	IF	CITATIONS
3761	The effects of alpha-lipoic acid on breast of female albino rats exposed to malathion: Histopathological and immunohistochemical study. <i>Pathology Research and Practice</i> , 2015, 211, 462-469.	1.0	15
3762	High-performance thin-layer chromatography linked with (bio)assays and mass spectrometry – A suited method for discovery and quantification of bioactive components? Exemplarily shown for turmeric and milk thistle extracts. <i>Journal of Chromatography A</i> , 2015, 1394, 137-147.	1.8	34
3763	Acute nitrogen dioxide inhalation induces mitochondrial dysfunction in rat brain. <i>Environmental Research</i> , 2015, 138, 416-424.	3.7	54
3764	Oxidative Stress in Cornea. <i>Oxidative Stress in Applied Basic Research and Clinical Practice</i> , 2015, , 3-22.	0.4	1
3765	Enhancement on reactive oxygen species and <i>COX</i> mRNA levels modulate the vascular relaxation induced by sodium nitroprusside in denuded mice aorta. <i>Fundamental and Clinical Pharmacology</i> , 2015, 29, 150-163.	1.0	5
3766	Oxidative Stress in Noise-Induced Hearing Loss. <i>Oxidative Stress in Applied Basic Research and Clinical Practice</i> , 2015, , 147-161.	0.4	1
3767	Multiphase Chemistry at the Atmosphere–Biosphere Interface Influencing Climate and Public Health in the Anthropocene. <i>Chemical Reviews</i> , 2015, 115, 4440-4475.	23.0	468
3768	Effects of physicochemical factors and <i>in vitro</i> gastrointestinal digestion on antioxidant activity of <i>phycoerythrin</i> from red algae <i>Bangia fusco-purpurea</i> . <i>International Journal of Food Science and Technology</i> , 2015, 50, 1445-1451.	1.3	22
3769	H ₂ O ₂ release from the very long chain acyl-CoA dehydrogenase. <i>Redox Biology</i> , 2015, 4, 375-380.	3.9	46
3770	Effect of propolis on erythrocyte rheology in experimental mercury intoxication in rats. <i>Environmental Science and Pollution Research</i> , 2015, 22, 12534-12543.	2.7	9
3771	<i>Cedrus deodara</i> pine needle as a potential source of natural antioxidants: Bioactive constituents and antioxidant activities. <i>Journal of Functional Foods</i> , 2015, 14, 605-612.	1.6	22
3772	Exploring cinnamic acid scaffold: development of promising neuroprotective lipophilic antioxidants. <i>MedChemComm</i> , 2015, 6, 1043-1053.	3.5	25
3773	Application of a new oxidation-reduction potential assessment method in strenuous exercise-induced oxidative stress. <i>Redox Report</i> , 2015, 20, 154-162.	1.4	36
3774	Effect of acetone extract from stem bark of <i>Acacia</i> species (<i>A. dealbata</i> , <i>A. ferruginea</i> and <i>A. Tj</i>) <i>ETQq1 1 0.784314 rgBT /Overlock 10</i> of <i>Biological Sciences</i> , 2015, 22, 685-691.	1.8	19
3775	In vitro effect of nanosilver on gene expression of superoxide dismutases and nitric oxide synthases in chicken sertoli cells. <i>Animal</i> , 2015, 9, 295-300.	1.3	13
3776	The effects of n-acetylcysteine and/or deferoxamine on manic-like behavior and brain oxidative damage in mice submitted to the paradoxal sleep deprivation model of mania. <i>Journal of Psychiatric Research</i> , 2015, 65, 71-79.	1.5	14
3777	Comparative determination of phytochemicals and antioxidant activity from leaf and fruit of <i>Sapindus mukorossi</i> Gaertn. – A valuable medicinal tree. <i>Industrial Crops and Products</i> , 2015, 73, 1-8.	2.5	47
3778	Delayed hyperoxic ventilation attenuates oxygen-induced free radical accumulation during early reperfusion after global brain ischemia. <i>NeuroReport</i> , 2015, 26, 131-138.	0.6	1

#	ARTICLE	IF	CITATIONS
3779	PharmGKB summary. Pharmacogenetics and Genomics, 2015, 25, 96-106.	0.7	112
3780	The treatment combination of vitamins E and C and astaxanthin prevents high-fat diet induced memory deficits in rats. Pharmacology Biochemistry and Behavior, 2015, 131, 98-103.	1.3	47
3781	Twice acting antioxidants: synthesis and antioxidant properties of selenium and sulfur-containing zingerone derivatives. Tetrahedron Letters, 2015, 56, 2243-2246.	0.7	24
3782	Probiotics as Potential Antioxidants: A Systematic Review. Journal of Agricultural and Food Chemistry, 2015, 63, 3615-3626.	2.4	295
3783	Brain oxidative damage restored by <i>Sesbania grandiflora</i> in cigarette smoke-exposed rats. Metabolic Brain Disease, 2015, 30, 959-968.	1.4	6
3784	Neuronal redox imbalance results in altered energy homeostasis and early postnatal lethality. FASEB Journal, 2015, 29, 2843-2858.	0.2	12
3785	Yacon roots (<i>Smallanthus sonchifolius</i>) improve oxidative stress in diabetic rats. Pharmaceutical Biology, 2015, 53, 1183-1193.	1.3	19
3786	Strong effect of long-term <i>Sparicotyle chrysophrii</i> infection on the cellular and innate immune responses of gilthead sea bream, <i>Sparus aurata</i> . Developmental and Comparative Immunology, 2015, 51, 185-193.	1.0	26
3787	Synergism of antioxidant action of vitamins E, C and quercetin is related to formation of molecular associations in biomembranes. Chemical Communications, 2015, 51, 7713-7716.	2.2	62
3788	Influence of multidrug resistance and drug transport proteins on chemotherapy drug metabolism. Expert Opinion on Drug Metabolism and Toxicology, 2015, 11, 795-809.	1.5	60
3789	Carvacrol inhibits atherosclerotic neointima formation by downregulating reactive oxygen species production in vascular smooth muscle cells. Atherosclerosis, 2015, 240, 367-373.	0.4	30
3790	Pyruvate dehydrogenase complex and nicotinamide nucleotide transhydrogenase constitute an energy-consuming redox circuit. Biochemical Journal, 2015, 467, 271-280.	1.7	103
3791	Protective properties of <i>Salvia lavandulifolia</i> Vahl. essential oil against oxidative stress-induced neuronal injury. Food and Chemical Toxicology, 2015, 80, 154-162.	1.8	36
3792	Hydrogen peroxide biosensor utilizing a hybrid nano-interface of iron oxide nanoparticles and carbon nanotubes to assess the quality of milk. Sensors and Actuators B: Chemical, 2015, 215, 166-173.	4.0	46
3793	Corticotropin-Releasing Factor Receptor-1 Antagonism Reduces Oxidative Damage in an Alzheimer's Disease Transgenic Mouse Model. Journal of Alzheimer's Disease, 2015, 45, 639-650.	1.2	15
3794	Identification of phenolics in litchi and evaluation of anticancer cell proliferation activity and intracellular antioxidant activity. Free Radical Biology and Medicine, 2015, 84, 171-184.	1.3	78
3795	Clinical Relevance of Biomarkers of Oxidative Stress. Antioxidants and Redox Signaling, 2015, 23, 1144-1170.	2.5	604
3796	Antidepressant-like effects of methanolic extract of <i>Bacopa monniera</i> in mice. BMC Complementary and Alternative Medicine, 2015, 15, 337.	3.7	25

#	ARTICLE	IF	CITATIONS
3797	Immune Cell Regulatory Pathways Unexplored as Host-Directed Therapeutic Targets for <i>Mycobacterium tuberculosis</i> : An Opportunity to Apply Precision Medicine Innovations to Infectious Diseases. <i>Clinical Infectious Diseases</i> , 2015, 61, S200-S216.	2.9	33
3798	Current topics in HIV-1 pathogenesis: The emergence of deregulated immuno-metabolism in HIV-infected subjects. <i>Cytokine and Growth Factor Reviews</i> , 2015, 26, 603-613.	3.2	44
3799	Chrysin as benzothiazole conjugates as antioxidant and anticancer agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 5561-5565.	1.0	37
3800	Antioxidant therapy for treatment of inflammatory bowel disease: Does it work?. <i>Redox Biology</i> , 2015, 6, 617-639.	3.9	280
3801	Oxidative Stress in Parkinson's Disease: Role in Neurodegeneration and Targets for Therapeutics. <i>ACS Symposium Series</i> , 2015, , 147-176.	0.5	3
3802	Interplay between hydrogen bond and single-electron tetrel bond: H3C-CO ₂ -HY and H3C-CSX ₂ -HY (X = F, Cl, Br, I). <i>Tetrahedron</i> , 2015, 71, 101-106.	1.1	19
3803	mtDNA damage in the development of heart failure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 309, H393-H395.	1.5	8
3804	Nutrition, rumen health and inflammation in the transition period and their role on overall health and fertility in dairy cows. <i>Research in Veterinary Science</i> , 2015, 103, 126-136.	0.9	71
3805	Insecticidal activity of chlorine dioxide gas by inducing an oxidative stress to the red flour beetle, <i>Tribolium castaneum</i> . <i>Journal of Stored Products Research</i> , 2015, 64, 88-96.	1.2	16
3806	Aging and radiation: bad companions. <i>Aging Cell</i> , 2015, 14, 153-161.	3.0	62
3807	Cell size and cancer: a new solution to Peto's paradox?. <i>Evolutionary Applications</i> , 2015, 8, 2-8.	1.5	32
3808	Effects of 8 weeks of CPAP on lipid-based oxidative markers in obstructive sleep apnea: a randomized trial. <i>Journal of Sleep Research</i> , 2015, 24, 339-345.	1.7	13
3809	Dynamic Mechanisms of the Bactericidal Action of an Al ₂ O ₃ -TiO ₂ -Ag Granular Material on an Escherichia coli Strain. <i>Applied and Environmental Microbiology</i> , 2015, 81, 7135-7142.	1.4	18
3810	Ferulic Acid-Based Polymers with Glycol Functionality as a Versatile Platform for Topical Applications. <i>Biomacromolecules</i> , 2015, 16, 2911-2919.	2.6	46
3811	1,2-Dichloroethane induced nephrotoxicity through ROS mediated apoptosis in vitro and in vivo. <i>Toxicology Research</i> , 2015, 4, 1389-1399.	0.9	8
3812	Synthesis of a Novel Nitronyl Nitroxide Radical and Determination of its Protective Effects Against Infrasonic-Induced Injury. <i>Neurochemical Research</i> , 2015, 40, 1526-1536.	1.6	7
3813	Could human cold adaptation decrease the risk of cardiovascular disease?. <i>Journal of Thermal Biology</i> , 2015, 52, 192-198.	1.1	23
3814	Biomimetic Mn-Catalases Based on Dimeric Manganese Complexes in Mesoporous Silica for Potential Antioxidant Agent. <i>Inorganic Chemistry</i> , 2015, 54, 10111-10125.	1.9	14

#	ARTICLE	IF	CITATIONS
3815	A direct comparison of methods used to measure oxidized glutathione in biological samples: 2-vinylpyridine and N-ethylmaleimide. <i>Toxicology Mechanisms and Methods</i> , 2015, 25, 589-595.	1.3	50
3816	Studies on Experimental Toxicology and Pharmacology. <i>Oxidative Stress in Applied Basic Research and Clinical Practice</i> , 2015, ,	0.4	7
3817	An Overview of Free Radicals as Causes and Consequences of Toxicity. <i>Oxidative Stress in Applied Basic Research and Clinical Practice</i> , 2015, , 21-27.	0.4	0
3818	Associations of FPG, A1C and disease duration with protein markers of oxidative damage and antioxidative defense in type 2 diabetes and diabetic retinopathy. <i>Eye</i> , 2015, 29, 1585-1593.	1.1	13
3819	Application of an Image Cytometry Protocol for Cellular and Mitochondrial Phenotyping on Fibroblasts from Patients with Inherited Disorders. <i>JIMD Reports</i> , 2015, 27, 17-26.	0.7	4
3820	Anti-adipogenic effects in 3T3-L1 cells of acetone extracts and fractions from <i>Styrax japonica</i> fruit. <i>Food Science and Biotechnology</i> , 2015, 24, 1513-1521.	1.2	3
3821	Activation of endogenous antioxidants as a common therapeutic strategy against cancer, neurodegeneration and cardiovascular diseases: A lesson learnt from DJ-1. , 2015, 156, 69-74.		63
3822	Differential oxidative stress responses in castor semilooper, <i>Achaea janata</i> . <i>Journal of Invertebrate Pathology</i> , 2015, 132, 157-164.	1.5	12
3823	Partial protection of N-acetylcysteine against MPA-capped CdTe quantum dot-induced neurotoxicity in rat primary cultured hippocampal neurons. <i>Toxicology Research</i> , 2015, 4, 1613-1622.	0.9	19
3824	Lipid peroxidation, proteins modifications, anti-oxidant enzymes activities and selenium deficiency in the plasma of hashitoxicosis patients. <i>Therapeutic Advances in Endocrinology and Metabolism</i> , 2015, 6, 181-188.	1.4	7
3825	Antioxidant and anti-tumour evaluation of compounds identified from fruit of <i>Amomum tsaoko</i> Crevost et Lemaire. <i>Journal of Functional Foods</i> , 2015, 18, 423-431.	1.6	37
3826	Vascular dysfunction in the pathogenesis of Alzheimer's disease " A review of endothelium-mediated mechanisms and ensuing vicious circles. <i>Neurobiology of Disease</i> , 2015, 82, 593-606.	2.1	219
3827	Novel Redox-Responsive Amphiphilic Copolymer Micelles for Drug Delivery: Synthesis and Characterization. <i>AAPS Journal</i> , 2015, 17, 1357-1368.	2.2	19
3828	The protective effects of beta-carotene against ischemia/reperfusion injury in rat ovarian tissue. <i>Acta Histochemica</i> , 2015, 117, 790-797.	0.9	50
3829	Kinetic and mechanistic studies of the reactions of 2-mercaptoethanol and thioglycolic acid with a Co(III)-bound superoxide complex. <i>Canadian Journal of Chemistry</i> , 2015, 93, 1276-1282.	0.6	4
3830	Impaired enzymatic defensive activity, mitochondrial dysfunction and proteasome activation are involved in RTT cell oxidative damage. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015, 1852, 2066-2074.	1.8	44
3831	Peroxynitrite and nitric oxide fluorescence sensing by ethylenediamine doped carbon dots. <i>Sensors and Actuators B: Chemical</i> , 2015, 220, 1043-1049.	4.0	29
3832	Nanoscale-alumina induces oxidative stress and accelerates amyloid beta (A β) production in ICR female mice. <i>Nanoscale</i> , 2015, 7, 15225-15237.	2.8	61

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3833	Effects of different formulations of Î±-tocopherol acetate (vitamin E) on growth performance, meat quality and antioxidant capacity in broiler chickens. <i>British Poultry Science</i> , 2015, 56, 687-695.	0.8	21
3834	Hepatoprotective mechanism of lycorine against carbon tetrachloride induced toxicity in swiss albino mice – A proteomic approach. <i>Asian Pacific Journal of Reproduction</i> , 2015, 4, 123-128.	0.2	6
3835	Interactions of temperature, salinity and diesel oil on antioxidant defense enzymes of the limpet <i>Nacella concinna</i> . <i>Marine Pollution Bulletin</i> , 2015, 97, 451-459.	2.3	8
3836	Nonylphenol exposure is associated with oxidative and nitrative stress in pregnant women. <i>Free Radical Research</i> , 2015, 49, 1469-1478.	1.5	14
3837	Unique Optical Oxygen-Sensing Performance of [Ru(IP) ₂ (HNAIP)] ²⁺ during the Groove-Binding-Induced B-to-Z DNA Conformational Transition. <i>Inorganic Chemistry</i> , 2015, 54, 8281-8287.	1.9	12
3838	Nrf2 – a therapeutic target for the treatment of neurodegenerative diseases. <i>Free Radical Biology and Medicine</i> , 2015, 88, 253-267.	1.3	262
3839	Beyond the flavour: a de-flavoured polyphenol rich extract of clove buds (<i>Syzygium aromaticum</i> L) as a novel dietary antioxidant ingredient. <i>Food and Function</i> , 2015, 6, 3373-3382.	2.1	19
3840	A fluorescent paramagnetic Mn metal-organic framework based on semi-rigid pyrene tetracarboxylic acid: sensing of solvent polarity and explosive nitroaromatics. <i>IUCr</i> , 2015, 2, 552-562.	1.0	35
3841	Recent advances in stress research: Focus on nitric oxide. <i>European Journal of Pharmacology</i> , 2015, 765, 406-414.	1.7	26
3842	Uric acid correlates to oxidation and inflammation in opposite directions in women. <i>Biomarkers</i> , 2015, 20, 225-231.	0.9	20
3843	Bioactive compounds and scavenging capacity of pulp, peel and seed extracts of the Amazonian fruit <i>Quararibea cordata</i> against ROS and RNS. <i>Food Research International</i> , 2015, 77, 236-243.	2.9	25
3844	Effects of spermine on the morphology, digestive enzyme activities, and antioxidant status of jejunum in suckling rats. <i>RSC Advances</i> , 2015, 5, 76607-76614.	1.7	39
3845	Antioxidant activities of several <i>Scutellaria</i> taxa and bioactive phytoconstituents from <i>Scutellaria hastifolia</i> L.. <i>Industrial Crops and Products</i> , 2015, 77, 196-203.	2.5	18
3846	<i>Hericium erinaceus</i> , an amazing medicinal mushroom. <i>Mycological Progress</i> , 2015, 14, 1.	0.5	119
3847	Oxidative Stress in Sleep Apnea. , 2015, , 303-309.		0
3848	Multifunctional effect of probiotic <i>Lactococcus lactis</i> KC24 isolated from kimchi. <i>LWT - Food Science and Technology</i> , 2015, 64, 1036-1041.	2.5	108
3849	Antioxidant Supplementation Modulates Age-Related Placental Bed Morphology and Reproductive Outcome in Mice1. <i>Biology of Reproduction</i> , 2015, 93, 56.	1.2	12
3850	Ameliorative effect of zinc oxide and silver nanoparticles on antioxidant system in the brain of diabetic rats. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2015, 5, 874-877.	0.5	36

#	ARTICLE	IF	CITATIONS
3851	Reactive oxygen species-activated nanomaterials as theranostic agents. <i>Nanomedicine</i> , 2015, 10, 2709-2723.	1.7	69
3852	Pinocembrin reduces cardiac arrhythmia and infarct size in rats subjected to acute myocardial ischemia/reperfusion. <i>Applied Physiology, Nutrition and Metabolism</i> , 2015, 40, 1031-1037.	0.9	30
3853	Antioxidant and antiglycation properties of different solvent extracts from Chinese olive (<i>Canarium</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.4	47
3854	Efficient Green Synthesis of Nâ€²-Benzylidene-2-(2-Fluorobiphenyl) Propanehydrazides: Crystal Structure and Anti-Oxidant Potential. <i>Journal of Chemical Research</i> , 2015, 39, 668-673.	0.6	4
3855	Acute restraint stress increases carotid reactivity in type-I diabetic rats by enhancing Nox4/NADPH oxidase functionality. <i>European Journal of Pharmacology</i> , 2015, 765, 503-516.	1.7	13
3856	The immune response of cephalopods from head to foot. <i>Fish and Shellfish Immunology</i> , 2015, 46, 145-160.	1.6	37
3857	Protection of testis through antioxidant action of <i>Mallotus roxburghianus</i> in alloxan-induced diabetic rat model. <i>Journal of Ethnopharmacology</i> , 2015, 176, 268-280.	2.0	26
3858	Blood metal levels and related antioxidant enzyme activities in patients with ataxia telangiectasia. <i>Neurobiology of Disease</i> , 2015, 81, 162-167.	2.1	13
3859	Comparative and quantitative analysis of antioxidant and scavenging potential of <i>Indigofera tinctoria</i> Linn. extracts. <i>Journal of Integrative Medicine</i> , 2015, 13, 269-278.	1.4	12
3860	A role for dietary macroalgae in the amelioration of certain risk factors associated with cardiovascular disease. <i>Phycologia</i> , 2015, 54, 649-666.	0.6	36
3861	An alternative antioxidative and enzyme inhibitory agent from Turkey: <i>Robinia pseudoacacia</i> L.. <i>Industrial Crops and Products</i> , 2015, 78, 110-115.	2.5	16
3862	Mitochondrial emitted electromagnetic signals mediate retrograde signaling. <i>Medical Hypotheses</i> , 2015, 85, 810-818.	0.8	9
3863	The Radio-protective effects of Caffeic Acid Phenethyl Ester and Thymoquinone in rats exposed to total head irradiation. <i>Wiener Klinische Wochenschrift</i> , 2015, 127, 103-108.	1.0	24
3864	Isolation, structural elucidation and <i>in vitro</i> antioxidant activity of compounds from chloroform extract of <i>Cedrus deodara</i> (Roxb.) Loud.. <i>Natural Product Research</i> , 2015, 29, 268-273.	1.0	23
3865	Chemical modification, characterization and bioactivity of a released exopolysaccharide (r-EPS1) from <i>Lactobacillus plantarum</i> 70810. <i>Glycoconjugate Journal</i> , 2015, 32, 17-27.	1.4	57
3866	A comparison of cardiomyocyte cytotoxic mechanisms for 5-fluorouracil and its pro-drug capecitabine. <i>Xenobiotica</i> , 2015, 45, 79-87.	0.5	70
3867	Type 2 diabetes mellitus: Role of melatonin and oxidative stress. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , 2015, 9, 127-131.	1.8	84
3868	DFT-based quantitative structureâ€“activity relationship studies for antioxidant peptides. <i>Structural Chemistry</i> , 2015, 26, 739-747.	1.0	21

#	ARTICLE	IF	CITATIONS
3869	Knee osteoarthritis: Clinical connections to articular cartilage structure and function. <i>Physical Therapy in Sport</i> , 2015, 16, 301-316.	0.8	45
3870	Efficient Synthesis of Î±-Aminophosphonates and Evaluation of Significance of P=O Group towards Antioxidant Activity. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2015, 190, 232-239.	0.8	17
3871	Iron, copper, and manganese complexes with in vitro superoxide dismutase and/or catalase activities that keep <i>Saccharomyces cerevisiae</i> cells alive under severe oxidative stress. <i>Free Radical Biology and Medicine</i> , 2015, 80, 67-76.	1.3	73
3872	Cytotoxic, genotoxic, and neurotoxic effects of Mg, Pb, and Fe on pheochromocytoma (PC-12) cells. <i>Environmental Toxicology</i> , 2015, 30, 1445-1458.	2.1	26
3873	Toxic effects upon exposure to benzo[a]pyrene in juvenile white shrimp <i>Litopenaeus vannamei</i> . <i>Environmental Toxicology and Pharmacology</i> , 2015, 39, 194-207.	2.0	43
3874	Ascorbic acid-functionalized Ag NPs as a probe for colorimetric sensing of glutathione. <i>Applied Nanoscience (Switzerland)</i> , 2015, 5, 747-753.	1.6	21
3875	In vitro digestion of purified Î²-casein variants A1, A2, B, and I: Effects on antioxidant and angiotensin-converting enzyme inhibitory capacity. <i>Journal of Dairy Science</i> , 2015, 98, 15-26.	1.4	65
3877	Effect of Postnatal Nutrition Restriction on the Oxidative Status of Neonates with Intrauterine Growth Restriction in a Pig Model. <i>Neonatology</i> , 2015, 107, 93-99.	0.9	31
3878	DJ-1 regulates the expression of renal (pro)renin receptor via reactive oxygen species-mediated epigenetic modification. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2015, 1850, 426-434.	1.1	12
3879	Aberrant expression of copper associated genes after copper accumulation in COMMD1-deficient dogs. <i>Journal of Trace Elements in Medicine and Biology</i> , 2015, 29, 347-353.	1.5	17
3880	Naringin prevents carbon tetrachloride-induced acute liver injury in mice. <i>Journal of Functional Foods</i> , 2015, 12, 179-191.	1.6	65
3881	Assessment of antioxidant capacity of energy drinks, energy gels and sport drinks in comparison with coffee and tea. <i>International Journal of Food Science and Technology</i> , 2015, 50, 240-248.	1.3	7
3882	Photoprotection in changing times "UV filter efficacy and safety, sensitization processes and regulatory aspects. <i>International Journal of Cosmetic Science</i> , 2015, 37, 2-30.	1.2	71
3883	Usnic acid induces apoptosis via an ROS-dependent mitochondrial pathway in human breast cancer cells in vitro and in vivo. <i>RSC Advances</i> , 2015, 5, 153-162.	1.7	34
3884	Preparation of enzymatic pretreated corn gluten meal hydrolysate and in vivo evaluation of its antioxidant activity. <i>Journal of Functional Foods</i> , 2015, 18, 1147-1157.	1.6	47
3885	Phytochemicals from wood extract of <i>Cunninghamia konishii</i> Hayata as antioxidant agents. <i>Industrial Crops and Products</i> , 2015, 64, 39-44.	2.5	4
3886	Phenolic composition, antioxidant potential and in vitro inhibitory activity of leaves and acorns of <i>Quercus suber</i> on key enzymes relevant for hyperglycemia and Alzheimer's disease. <i>Industrial Crops and Products</i> , 2015, 64, 45-51.	2.5	80
3887	Role of DNA repair in host immune response and inflammation. <i>Mutation Research - Reviews in Mutation Research</i> , 2015, 763, 246-257.	2.4	28

#	ARTICLE	IF	CITATIONS
3888	Novel applications of ubiquinone biopolymer nanocarriers for preventive and regenerative therapeutics: The <i>Saccharomyces cerevisiae</i> paradigm. <i>International Journal of Pharmaceutics</i> , 2015, 478, 416-425.	2.6	5
3889	Graphene oxide: from fundamentals to applications. <i>Journal of Physics Condensed Matter</i> , 2015, 27, 013002.	0.7	113
3890	Role of free radical in atherosclerosis, diabetes and dyslipidaemia: larger than life. <i>Diabetes/Metabolism Research and Reviews</i> , 2015, 31, 113-126.	1.7	116
3891	Variations in composition and antioxidant activity of Tunisian <i>Pistacia lentiscus</i> L. leaf essential oil. <i>Plant Biosystems</i> , 2015, 149, 38-47.	0.8	5
3892	Hyperglycemia / hypoglycemia-induced mitochondrial dysfunction and cerebral ischemic damage in diabetics. <i>Metabolic Brain Disease</i> , 2015, 30, 437-447.	1.4	30
3893	The role of oxidative DNA damage in radiation induced bystander effect. <i>Cancer Letters</i> , 2015, 356, 43-51.	3.2	96
3894	Vitamins A, C, and E and selenium in the treatment of idiopathic sudden sensorineural hearing loss. <i>European Archives of Oto-Rhino-Laryngology</i> , 2015, 272, 1119-1125.	0.8	25
3895	Biocompatibility evaluation of porous ceria foams for orthopedic tissue engineering. <i>Journal of Biomedical Materials Research - Part A</i> , 2015, 103, 8-15.	2.1	29
3896	Magnetic properties and antitumor effect of nanocomplexes of iron oxide and doxorubicin. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015, 11, 47-55.	1.7	79
3897	Nanoparticles as analytical tools for in-vitro antioxidant-capacity assessment and beyond. <i>TrAC - Trends in Analytical Chemistry</i> , 2015, 64, 1-16.	5.8	51
3898	Borax Partially Prevents Neurologic Disability and Oxidative Stress in Experimental Spinal Cord Ischemia/Reperfusion Injury. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2015, 24, 83-90.	0.7	13
3899	A mitochondrial bioenergetic basis of depression. <i>Journal of Bioenergetics and Biomembranes</i> , 2015, 47, 155-171.	1.0	109
3900	Ischemia-modified albumin and advanced oxidation protein products as potential biomarkers of protein oxidation in Alzheimer's disease. <i>Geriatrics and Gerontology International</i> , 2015, 15, 872-880.	0.7	34
3901	Free radical generation from an aniline derivative in HepG2 cells: A possible captodative effect. <i>Free Radical Biology and Medicine</i> , 2015, 78, 111-117.	1.3	2
3902	Oxidative stress and antioxidative parameters in patients with spinal cord injury: implications in the pathogenesis of disease. <i>Spinal Cord</i> , 2015, 53, 3-6.	0.9	66
3903	Cell oxidation-reduction imbalance after modulated radiofrequency radiation. <i>Electromagnetic Biology and Medicine</i> , 2015, 34, 381-386.	0.7	16
3904	Creatine and Pyruvate Prevent the Alterations Caused by Tyrosine on Parameters of Oxidative Stress and Enzyme Activities of Phosphoryltransfer Network in Cerebral Cortex of Wistar Rats. <i>Molecular Neurobiology</i> , 2015, 51, 1184-1194.	1.9	15
3905	Bioactive constituents from <i>Croton sparsiflorus</i> Morong. <i>Natural Product Research</i> , 2015, 29, 274-276.	1.0	12

#	ARTICLE	IF	CITATIONS
3906	Pyroloquinoline quinone ameliorates oxidative stress and lipid peroxidation in the brain of streptozotocin-induced diabetic mice. <i>Canadian Journal of Physiology and Pharmacology</i> , 2015, 93, 71-79.	0.7	12
3907	From Chronic Cerebral Hypoperfusion to Alzheimer-Like Brain Pathology and Neurodegeneration. <i>Cellular and Molecular Neurobiology</i> , 2015, 35, 101-110.	1.7	125
3908	Pectic polysaccharide from the green fruits of <i>Momordica charantia</i> (Karela): structural characterization and study of immunoenhancing and antioxidant properties. <i>Carbohydrate Research</i> , 2015, 401, 24-31.	1.1	60
3909	Chronic unpredictable stress impairs endogenous antioxidant defense in rat brain. <i>Neuroscience Letters</i> , 2015, 584, 208-213.	1.0	69
3910	Quantitative analysis of NRF2 pathway reveals key elements of the regulatory circuits underlying antioxidant response and proliferation of ovarian cancer cells. <i>Journal of Biotechnology</i> , 2015, 202, 12-30.	1.9	34
3911	Free Radicals in Human Health and Disease. , 2015, , .		19
3912	The known and unknown sources of reactive oxygen and nitrogen species in haemocytes of marine bivalve molluscs. <i>Fish and Shellfish Immunology</i> , 2015, 42, 91-97.	1.6	56
3913	<i>Castanea sativa</i> by-products: a review on added value and sustainable application. <i>Natural Product Research</i> , 2015, 29, 1-18.	1.0	128
3914	NEFAs activate the oxidative stress-mediated NF- κ B signaling pathway to induce inflammatory response in calf hepatocytes. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2015, 145, 103-112.	1.2	80
3915	Exercise in obese female rats has beneficial effects on maternal and male and female offspring metabolism. <i>International Journal of Obesity</i> , 2015, 39, 712-719.	1.6	131
3916	The effects of the Fenton reaction are limited by zeolites in vitro. <i>Microporous and Mesoporous Materials</i> , 2015, 201, 240-246.	2.2	3
3917	Plasmatic oxidative stress biomarkers in multiple sclerosis: Relation with clinical and demographic characteristics. <i>Clinical Biochemistry</i> , 2015, 48, 19-23.	0.8	34
3918	Involvement of Nrf2 in Development of Anxiety-Like Behavior by Linking Bcl2 to Oxidative Phosphorylation: Estimation in Rat Hippocampus, Amygdala, and Prefrontal Cortex. <i>Journal of Molecular Neuroscience</i> , 2015, 55, 492-499.	1.1	25
3919	Assessments of antioxidant effect of black tea extract and its rationals by erythrocyte haemolysis assay, plasma oxidation assay and cellular antioxidant activity (CAA) assay. <i>Journal of Functional Foods</i> , 2015, 18, 1095-1105.	1.6	56
3920	ISA virus regulates the generation of reactive oxygen species and p47phox expression in a p38 MAPK-dependent manner in <i>Salmo salar</i> . <i>Molecular Immunology</i> , 2015, 63, 227-234.	1.0	12
3921	Effect of <i>Salmonella typhimurium</i> infection on rat's cell oxidation and in vivo antioxidant activity of <i>Vitellaria paradoxa</i> and <i>Ludwigia abyssinica</i> aqueous extract. <i>Asian Pacific Journal of Tropical Disease</i> , 2015, 5, 38-46.	0.5	7
3922	Myeloperoxidase gene expression and cognitive functions in depression. <i>Advances in Medical Sciences</i> , 2015, 60, 1-5.	0.9	30
3923	Bioactivation of High-Molecular-Weight Polyphenols by the Gut Microbiome. , 2015, , 73-101.		21

#	ARTICLE	IF	CITATIONS
3924	Azerosides A and B: Two new phloroacetophenone glycosides from the roots of <i>Dorema glabrum</i> Fisch. & C.A. Mey. <i>Medicinal Chemistry Research</i> , 2015, 24, 787-796.	1.1	13
3925	The scent of human diseases: a review on specific volatile organic compounds as diagnostic biomarkers. <i>Flavour and Fragrance Journal</i> , 2015, 30, 5-25.	1.2	92
3926	Oxidative status and the severity of clinical symptoms in patients with post-traumatic stress disorder. <i>Annals of Clinical Biochemistry</i> , 2015, 52, 95-104.	0.8	25
3927	Is depression associated with increased oxidative stress? A systematic review and meta-analysis. <i>Psychoneuroendocrinology</i> , 2015, 51, 164-175.	1.3	524
3928	Evaluation of industrial based adsorbents for simultaneous removal of arsenic and fluoride from drinking water. <i>Journal of Cleaner Production</i> , 2015, 87, 882-896.	4.6	106
3929	Inhibition of UVB-induced Skin Damage by Exopolymers from <i>Aureobasidium pullulans</i> SM2001 in Hairless Mice. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2015, 116, 73-86.	1.2	31
3930	Stress, Oxidative Injury and Disease. <i>Indian Journal of Clinical Biochemistry</i> , 2015, 30, 3-10.	0.9	71
3931	Free Radical Scavenging Properties of Skin and Pulp Extracts of Different Grape Cultivars In Vitro and Attenuation of H ₂ O ₂ -Induced Oxidative Stress in Liver Tissue Ex Vivo. <i>Indian Journal of Clinical Biochemistry</i> , 2015, 30, 305-312.	0.9	10
3932	Omega-3 fatty acid obtained from <i>Nannochloropsis oceanica</i> cultures grown under low urea protect against Abeta-induced neural damage. <i>Journal of Food Science and Technology</i> , 2015, 52, 2982-2989.	1.4	13
3933	The protective effect of lycopene intake on bone loss in ovariectomized rats. <i>Journal of Bone and Mineral Metabolism</i> , 2015, 33, 270-278.	1.3	21
3934	Hypoglycemic and hypolipidemic properties of polysaccharides from <i>Enterobacter cloacae</i> Z0206 in KKAY mice. <i>Carbohydrate Polymers</i> , 2015, 117, 91-98.	5.1	83
3935	Extraction, characterization and in vitro antioxidant activity of polysaccharides from black soybean. <i>International Journal of Biological Macromolecules</i> , 2015, 72, 1182-1190.	3.6	78
3936	Immobilization of superoxide dismutase on Pt-Pd/MWCNTs hybrid modified electrode surface for superoxide anion detection. <i>Biosensors and Bioelectronics</i> , 2015, 67, 79-85.	5.3	73
3937	Oxidative stress in obstructive sleep apnea and intermittent hypoxia – Revisited – The bad ugly and good: Implications to the heart and brain. <i>Sleep Medicine Reviews</i> , 2015, 20, 27-45.	3.8	426
3938	Lipoproteins profile, acute phase proteins, proinflammatory cytokines and oxidative stress biomarkers in sheep with pneumonic pasteurellosis. <i>Comparative Clinical Pathology</i> , 2015, 24, 581-588.	0.3	21
3939	Antioxidant enzymes gene polymorphisms and hepatocellular carcinoma in hepatitis C virus-infected Egyptian patients. <i>Comparative Clinical Pathology</i> , 2015, 24, 609-615.	0.3	0
3940	Fast and reliable determination of antioxidant capacity based on the formation of gold nanoparticles. <i>Mikrochimica Acta</i> , 2015, 182, 105-111.	2.5	26
3941	Redox dysregulation, neuroinflammation, and NMDA receptor hypofunction: A central hub in schizophrenia pathophysiology?. <i>Schizophrenia Research</i> , 2016, 176, 41-51.	1.1	194

#	ARTICLE	IF	CITATIONS
3942	Î±-Mangostin from <i>Garcinia mangostana</i> Linn: An updated review of its pharmacological properties. <i>Arabian Journal of Chemistry</i> , 2016, 9, 317-329.	2.3	150
3943	Correlation analysis of reactivity in the oxidation of methionine by benzimidazolium fluorochromate in different mole fractions of acetic acid-water mixture. <i>Arabian Journal of Chemistry</i> , 2016, 9, S557-S563.	2.3	4
3944	HAEMATOCOCCUS PLUVIALIS EXTRACT PROMOTING THE RECOVERY OF MEMORY IMPAIRMENT IN ALZHEIMER'S RATS: ANTI-INFLAMMATORY AND ANTI-APOPTOTIC EFFECTS. <i>Asian Journal of Pharmaceutical and Clinical Research</i> , 2016, 9, 171.	0.3	0
3945	EVALUATION OF IN VITRO ANTIOXIDANT AND Î±-AMYLASE INHIBITORY ACTIVITY OF PHYLLANTHUS INDOFISCHERI BENNET. <i>International Journal of Pharmacy and Pharmaceutical Sciences</i> , 2016, 8, 131.	0.3	10
3946	Multidirectional Translation of Environmental Health Science in Community Settings: The Case of Oxidative Stress Pathways. <i>Progress in Community Health Partnerships: Research, Education, and Action</i> , 2016, 10, 275-284.	0.2	6
3947	Tetrahydrobiopterin Protects against Radiation-induced Growth Inhibition in H9c2 Cardiomyocytes. <i>Chinese Medical Journal</i> , 2016, 129, 2733-2740.	0.9	12
3948	Effects of the dexmedetomidine, midazolam, butorphanol, and atropine combination on plasma oxidative status and cardiorespiratory parameters in raccoon dogs (<i>Nyctereutes procyonoides</i>). <i>Veterinari Medicina</i> , 2015, 60, 450-455.	0.2	4
3949	Possible oxidative effects of isotretinoin and modulatory effects of vitamins A and C in <i>Saccharomyces cerevisiae</i> . <i>African Journal of Biotechnology</i> , 2016, 15, 145-152.	0.3	2
3950	The Levels of Cortisol and Oxidative Stress and DNA Damage in Child and Adolescent Victims of Sexual Abuse with or without Post-Traumatic Stress Disorder. <i>Psychiatry Investigation</i> , 2016, 13, 616.	0.7	21
3951	Equicarbohydrate partial exchange of kiwifruit for wheaten cereal reduces postprandial glycaemia without decreasing satiety. <i>Journal of Nutritional Science</i> , 2016, 5, e37.	0.7	7
3952	Protective effect of hesperidin on oxidative and histological liver damage following carbon tetrachloride administration in Wistar rats. <i>Archives of Medical Science</i> , 2016, 3, 486-493.	0.4	26
3953	Methionine-choline deprivation alters liver and brain acetylcholinesterase activity in C57BL6 mice. <i>General Physiology and Biophysics</i> , 2016, 35, 363-370.	0.4	4
3954	Investigation of PON1 activity and MDA levels in patients with epilepsy not receiving antiepileptic treatment. <i>Neuropsychiatric Disease and Treatment</i> , 2016, 12, 1013.	1.0	12
3955	Separation and purification of low-molecular-weight chondroitin sulfates and their anti-oxidant properties. <i>Bangladesh Journal of Pharmacology</i> , 0, 11, S61-S67.	0.1	11
3956	Molecular Link Between Alcohol and Breast Cancer: the Role of Salsolinol. , 2016, , 315-324.		1
3957	The Effects of Dietary Flavonoid Supplementation on the Antioxidant Status of Laying Hens. <i>Brazilian Journal of Poultry Science</i> , 2016, 18, 663-668.	0.3	31
3958	Association of oxidative stress and DNA damage with grafting time in patients with multiple myeloma and lymphoma submitted to autologous hematopoietic stem cell transplantation. <i>Revista Da Associação Médica Brasileira</i> , 2016, 62, 39-43.	0.3	6
3959	PHYTOCHEMICAL SCREENING AND QUANTITATIVE ESTIMATION OF TOTAL PHENOLIC CONTENT AND TOTAL FLAVONOID CONTENT OF GRAINS OF <i>PASPALUM SCROBICULATUM</i> . <i>Asian Journal of Pharmaceutical and Clinical Research</i> , 2016, 9, 73.	0.3	4

#	ARTICLE	IF	CITATIONS
3960	The Role of Nuclear Factor-E2-Related Factor 1 in the Oxidative Stress Response in MC3T3-E1 Osteoblastic Cells. <i>Endocrinology and Metabolism</i> , 2016, 31, 336.	1.3	9
3961	The Potential Protective Effects of Polyphenols in Asbestos-Mediated Inflammation and Carcinogenesis of Mesothelium. <i>Nutrients</i> , 2016, 8, 275.	1.7	22
3962	Biochemical Markers of Oxidative Stress in Saudi Women with Recurrent Miscarriage. <i>Journal of Korean Medical Science</i> , 2016, 31, 98.	1.1	43
3963	Influence of high-dose gamma radiation and particle size on antioxidant properties of Maize (<i>Zea mays</i>) Tj ETQq1 1,0.784314 rgBT /Ove 1.2		
3964	Hepatic, renal and endogenous antioxidant status modulatory effects of chronic co-supplementation of rooibos (<i>Aspalathus linearis</i>) and red palm oil (<i>Elaeis guineensis</i>) in male Wistar rats. <i>Tropical Journal of Obstetrics and Gynaecology</i> , 2016, 13, 1.	0.3	1
3965	Efeito de diferentes mÃtodos de extraÃo sobre a atividade antioxidante e o perfil de compostos fenÃlicos da folha de mandioca. <i>Brazilian Journal of Food Technology</i> , 2016, 19, .	0.8	2
3966	The Synergistic Contribution of Lactobacillus and Dietary Phytophenols in Host Health. , 0, , .		0
3967	The potential utilizations of hydrogen as a promising therapeutic strategy against ocular diseases. <i>Therapeutics and Clinical Risk Management</i> , 2016, 12, 799.	0.9	7
3968	In-Vitro Antioxidant Properties of the Leaf Extract of <i>Mimosa pudica</i> Linn. <i>Indian Journal of Science and Technology</i> , 2016, 9, .	0.5	5
3969	Effect of Heat on Antioxidant Activity of Some Tropical Leafy Vegetables. <i>Nigerian Journal of Basic and Applied Sciences</i> , 2016, 23, 93.	0.0	8
3970	Effects of hyperbaric oxygen therapy combined with platelet-rich plasma on diabetic wounds: an experimental rat model. <i>Archives of Medical Science</i> , 2016, 6, 1370-1376.	0.4	15
3971	Oxidative Stress and ParkinsonÃs Disease: Effects on Environmental Toxicology. , 2016, , .		4
3972	Amelioration of Hyperglycaemia, Oxidative Stress and Dyslipidaemia in Alloxan-Induced Diabetic Wistar Rats Treated with Probiotic and Vitamin C. <i>Nutrients</i> , 2016, 8, 151.	1.7	35
3973	Remote effect of kidney ischemia-reperfusion injury on pancreas: role of oxidative stress and mitochondrial apoptosis. <i>Archives of Medical Science</i> , 2016, 2, 252-262.	0.4	31
3974	Reactive Nitrogen Intermediates in the Pathogenesis of Systemic Lupus Erythematosus. , 2016, , 243-253.		0
3975	Low-Dose Methylmercury-Induced Genes Regulate Mitochondrial Biogenesis via miR-25 in Immortalized Human Embryonic Neural Progenitor Cells. <i>International Journal of Molecular Sciences</i> , 2016, 17, 2058.	1.8	17
3976	Echinoderms. <i>Studies in Natural Products Chemistry</i> , 2016, 49, 1-54.	0.8	10
3977	Overproduction of reactive oxygen species Ã obligatory or not for induction of apoptosis by anticancer drugs. <i>Chinese Journal of Cancer Research: Official Journal of China Anti-Cancer Association</i> , Beijing Institute for Cancer Research, 2016, 28, 383-396.	0.7	85

#	ARTICLE	IF	CITATIONS
3978	Protective Role of Curcumin Against N-Nitrosodiethylamine (NDEA) Induced Toxicity in Rats. <i>Scientia Pharmaceutica</i> , 2016, 84, 361-377.	0.7	2
3979	Hepatitis B and its Relationship With Oxidative Stress. <i>Hepatitis Monthly</i> , 2016, 16, e37973.	0.1	21
3980	Determination of antioxidant and anti-inflammatory activities, as well as in vitro cytotoxic activities of extracts of <i>Anastatica hierochuntica</i> (Kaff Maryam) against HeLa cell lines. <i>Journal of Medicinal Plants Research</i> , 2016, 10, 77-87.	0.2	6
3981	Effects of hydrogen bathing on exercise-induced oxidative stress and delayed-onset muscle soreness. <i>Japanese Journal of Physical Fitness and Sports Medicine</i> , 2016, 65, 297-305.	0.0	14
3982	Tea Flavonoids Induced Differentiation of Peripheral Blood-derived Mononuclear Cells into Peripheral Blood-derived Endothelial Progenitor Cells and Suppressed Intracellular Reactive Oxygen Species Level of Peripheral Blood-derived Endothelial Progenitor Cells. <i>Natural Product Sciences</i> , 2016, 22, 87.	0.2	3
3983	Consumo de antioxidantes em participantes do ELSA-Brasil: resultados da linha de base. <i>Revista Brasileira De Epidemiologia</i> , 2016, 19, 149-159.	0.3	12
3984	Lablab Purpureus Seeds Disrupt Hepatic and Renal Antioxidant Status in Male Rats. <i>Folia Veterinaria</i> , 2016, 60, 11-19.	0.2	2
3985	Role of Redox Dysregulation in White Matter Anomalies Associated with Schizophrenia. <i>Handbook of Behavioral Neuroscience</i> , 2016, , 481-500.	0.7	6
3987	Measuring the Antioxidant Capacity Induced by Reduced Thiols in Human Erythrocytes Using SW-Voltammetry. <i>International Journal of Electrochemical Science</i> , 2016, , 6453-6465.	0.5	1
3988	Excitotoxicity and Oxidative Stress in Acute Stroke. , 2016, , .		12
3989	Oxidative Stress, Inflammation, and Formation of Betaâ€•Amyloid 1â€•42 in Brain. , 2016, , .		2
3990	Bioactive-functionalized interpenetrating network hydrogel (BIOF-IPN). , 2016, , 287-306.		0
3991	Causes, Mechanisms and Prevention of Environmental Diseases. <i>Dual Diagnosis (Foster City)</i> , 2016, 01, .	0.0	2
3992	Oxidative Stress Related Diseases in Newborns. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-9.	1.9	140
3993	Diabetic Polyneuropathy in Type 2 Diabetes Mellitus: Inflammation, Oxidative Stress, and Mitochondrial Function. <i>Journal of Diabetes Research</i> , 2016, 2016, 1-16.	1.0	160
3994	Antioxidant Effects of Sheep Whey Protein on Endothelial Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-10.	1.9	22
3995	Sociodemographic and Lifestyle Determinants of Plasma Oxidative Stress Markers 8-OHdG and F2-Isoprostanes and Associations with Metabolic Syndrome. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-10.	1.9	53
3996	Diagnosis and Treatment of Neurological and Ischemic Disorders Employing Carbon Nanotube Technology. <i>Journal of Nanomaterials</i> , 2016, 2016, 1-19.	1.5	24

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3997	Intermittent Hypoxia-Induced Carotid Body Chemosensory Potentiation and Hypertension Are Critically Dependent on Peroxynitrite Formation. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-9.	1.9	22
3998	Potential Antioxidant Activity of New Tetracyclic and Pentacyclic Nonlinear Phenothiazine Derivatives. <i>Biochemistry Research International</i> , 2016, 2016, 1-8.	1.5	19
3999	Oxidative Stress Implications in the Affective Disorders: Main Biomarkers, Animal Models Relevance, Genetic Perspectives, and Antioxidant Approaches. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-25.	1.9	72
4000	Protective Effect of Parsley Juice (<i>Petroselinum crispum</i> , Apiaceae) against Cadmium Deleterious Changes in the Developed Albino Mice Newborns (<i>Mus musculus</i>) Brain. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-15.	1.9	18
4001	Use of Carnosine for Oxidative Stress Reduction in Different Pathologies. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-8.	1.9	87
4002	Redox Modulations, Antioxidants, and Neuropsychiatric Disorders. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-14.	1.9	19
4003	Salivary and Urinary Total Antioxidant Capacity as Biomarkers of Oxidative Stress in Humans. <i>Pathology Research International</i> , 2016, 2016, 1-14.	1.4	69
4004	Can Melatonin Act as an Antioxidant in Hydrogen Peroxide-Induced Oxidative Stress Model in Human Peripheral Blood Mononuclear Cells?. <i>Biochemistry Research International</i> , 2016, 2016, 1-8.	1.5	22
4005	Oregano Essential Oil Induces SOD1 and GSH Expression through Nrf2 Activation and Alleviates Hydrogen Peroxide-Induced Oxidative Damage in IPEC-J2 Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-13.	1.9	73
4006	Apocynin and Diphenylethylideneiodonium Induce Oxidative Stress and Modulate PI3K/Akt and MAPK/Erk Activity in Mouse Embryonic Stem Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-14.	1.9	29
4007	The Regulatory Role of Nuclear Factor Kappa B in the Heart of Hereditary Hypertriglyceridemic Rat. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-6.	1.9	10
4008	Correlations between the Memory-Related Behavior and the Level of Oxidative Stress Biomarkers in the Mice Brain, Provoked by an Acute Administration of CB Receptor Ligands. <i>Neural Plasticity</i> , 2016, 2016, 1-15.	1.0	28
4009	Mitochondrial Dysfunction in Alzheimer's Disease and the Rationale for Bioenergetics Based Therapies. , 2016, 7, 201.		207
4010	Sinapic Acid and Its Derivatives as Medicine in Oxidative Stress-Induced Diseases and Aging. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-10.	1.9	176
4011	Effects of Dietary Strawberry Supplementation on Antioxidant Biomarkers in Obese Adults with Above Optimal Serum Lipids. <i>Journal of Nutrition and Metabolism</i> , 2016, 2016, 1-9.	0.7	19
4012	The Chemical Profile of <i>Senna velutina</i> Leaves and Their Antioxidant and Cytotoxic Effects. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-12.	1.9	32
4013	Role of ROS and RNS Sources in Physiological and Pathological Conditions. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-44.	1.9	915
4014	Oxidative Stress Relevance in the Pathogenesis of the Rheumatoid Arthritis: A Systematic Review. <i>BioMed Research International</i> , 2016, 2016, 1-14.	0.9	203

#	ARTICLE	IF	CITATIONS
4015	Antioxidant Intake and Antitumor Therapy: Toward Nutritional Recommendations for Optimal Results. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-19.	1.9	111
4016	Emulsions Made of Oils from Seeds of GM Flax Protect V79 Cells against Oxidative Stress. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-12.	1.9	11
4017	In Vivo Evaluation of the Anti-Inflammatory Effect of <i>Pistacia lentiscus</i> Fruit Oil and Its Effects on Oxidative Stress. <i>Evidence-based Complementary and Alternative Medicine</i> , 2016, 2016, 1-12.	0.5	41
4018	Thyroid Hormones, Oxidative Stress, and Inflammation. <i>Mediators of Inflammation</i> , 2016, 2016, 1-12.	1.4	290
4019	Discovering Antioxidant Molecules in the Archaea Domain: Peroxiredoxin Bcp1 from <i>Sulfolobus solfataricus</i> Protects H9c2 Cardiomyoblasts from Oxidative Stress. <i>Archaea</i> , 2016, 2016, 1-10.	2.3	8
4020	Antibacterial and Antioxidant Properties of the Leaves and Stem Essential Oils of <i>Jatropha gossypifolia</i> L.. <i>BioMed Research International</i> , 2016, 2016, 1-9.	0.9	15
4021	An Integrated Review of Psychological Stress in Parkinson's Disease: Biological Mechanisms and Symptom and Health Outcomes. <i>Parkinson's Disease</i> , 2016, 2016, 1-15.	0.6	22
4022	How to Achieve High-Quality Oocytes? The Key Role of Myo-Inositol and Melatonin. <i>International Journal of Endocrinology</i> , 2016, 2016, 1-9.	0.6	63
4023	Laboratory Indicators of Aggrecan Turnover in Juvenile Idiopathic Arthritis. <i>Disease Markers</i> , 2016, 2016, 1-7.	0.6	7
4024	Pepsin Digested Oat Bran Proteins: Separation, Antioxidant Activity, and Identification of New Peptides. <i>Journal of Chemistry</i> , 2016, 2016, 1-8.	0.9	29
4025	Antioxidant and Antihyperglycemic Properties of Three Banana Cultivars (<i>Musa</i> spp.). <i>Scientifica</i> , 2016, 2016, 1-7.	0.6	23
4026	1,4-Dihydropyridine Derivatives: Dihyronicotinamide Analogues as Model Compounds Targeting Oxidative Stress. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-35.	1.9	62
4027	Anti-HMG-CoA Reductase, Antioxidant, and Anti-Inflammatory Activities of <i>Amaranthus viridis</i> Leaf Extract as a Potential Treatment for Hypercholesterolemia. <i>Evidence-based Complementary and Alternative Medicine</i> , 2016, 2016, 1-10.	0.5	33
4028	ROS-Mediated NLRP3 Inflammasome Activation in Brain, Heart, Kidney, and Testis Ischemia/Reperfusion Injury. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-10.	1.9	365
4029	Hydrogen Sulfide and Cellular Redox Homeostasis. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-12.	1.9	172
4030	BioArena system for studying key molecules as well as ingredients in biological samples. , 2016, , 397-485.		1
4031	Protective Effects of Costunolide against Hydrogen Peroxide-Induced Injury in PC12 Cells. <i>Molecules</i> , 2016, 21, 898.	1.7	33
4032	Green synthesis of multifunctional silver and gold nanoparticles from the oriental herbal adaptogen: Siberian ginseng. <i>International Journal of Nanomedicine</i> , 2016, Volume 11, 3131-3143.	3.3	78

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4033	Evaluation of Uric Acid, Total Antioxidant and Lipid Peroxidation Parameters in Serum and Saliva of Patients with Oral Lichen Planus. <i>Global Journal of Health Science</i> , 2016, 8, 225.	0.1	10
4034	Physical Training Status Determines Oxidative Stress and Redox Changes in Response to an Acute Aerobic Exercise. <i>Biochemistry Research International</i> , 2016, 2016, 1-9.	1.5	30
4035	<i>Portulaca oleracea&/i> Linn seed extract ameliorates hydrogen peroxide-induced cell death in human liver cells by inhibiting reactive oxygen species generation and oxidative stress. <i>Tropical Journal of Pharmaceutical Research</i> , 2016, 15, 1643.	0.2	5
4036	Overall skin tone and skin-lightening-improving effects with oral supplementation of lutein and zeaxanthin isomers: a double-blind, placebo-controlled clinical trial. <i>Clinical, Cosmetic and Investigational Dermatology</i> , 2016, Volume 9, 325-332.	0.8	65
4037	Vitamins C and E levels are enhanced by Azadirachta Indica leaves aqueous extract in paracetamol induced hepatotoxicity in Wistar rats. <i>Journal of Medicinal Plants Research</i> , 2016, 10, 338-343.	0.2	0
4038	New Insights into the Role of Oxidative Stress Mechanisms in the Pathophysiology and Treatment of Multiple Sclerosis. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-18.	1.9	104
4039	In Vitro Evaluation of the Antioxidant, 3,5-Dihydroxy-4-ethyl-trans-stilbene (DETS) Isolated from Bacillus cereus as a Potent Candidate against Malignant Melanoma. <i>Frontiers in Microbiology</i> , 2016, 7, 452.	1.5	4
4040	Anti-rheumatoid Activity of Secondary Metabolites Produced by Endophytic Chaetomium globosum. <i>Frontiers in Microbiology</i> , 2016, 7, 1477.	1.5	23
4041	Metabolic Changes Following Perinatal Asphyxia: Role of Astrocytes and Their Interaction with Neurons. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 116.	1.7	12
4042	Antioxidants and Cardiovascular Risk Factors. <i>Diseases (Basel, Switzerland)</i> , 2016, 4, 11.	1.0	29
4043	Hydrogen Sulfide, Oxidative Stress and Periodontal Diseases: A Concise Review. <i>Antioxidants</i> , 2016, 5, 3.	2.2	35
4044	Chemical Analysis of Extracts from Newfoundland Berries and Potential Neuroprotective Effects. <i>Antioxidants</i> , 2016, 5, 36.	2.2	12
4045	The Potential of Plant Phenolics in Prevention and Therapy of Skin Disorders. <i>International Journal of Molecular Sciences</i> , 2016, 17, 160.	1.8	434
4046	Development of an in Silico Model of DPPH's Free Radical Scavenging Capacity: Prediction of Antioxidant Activity of Coumarin Type Compounds. <i>International Journal of Molecular Sciences</i> , 2016, 17, 881.	1.8	13
4047	Neuroprotective and Therapeutic Strategies against Parkinson's Disease: Recent Perspectives. <i>International Journal of Molecular Sciences</i> , 2016, 17, 904.	1.8	146
4048	Oenocarpus bacaba and Oenocarpus bataua Leaflets and Roots: A New Source of Antioxidant Compounds. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1014.	1.8	11
4049	The Role of Cyclo(His-Pro) in Neurodegeneration. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1332.	1.8	29
4050	Saponin-Based Nanoemulsification Improves the Antioxidant Properties of Vitamin A and E in AML-12 Cells. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1406.	1.8	16

#	ARTICLE	IF	CITATIONS
4051	Effects of Astaxanthin from <i>Litopenaeus Vannamei</i> on Carrageenan-Induced Edema and Pain Behavior in Mice. <i>Molecules</i> , 2016, 21, 382.	1.7	22
4052	Antioxidant Capacities of Fractions of Bamboo Shaving Extract and Their Antioxidant Components. <i>Molecules</i> , 2016, 21, 996.	1.7	26
4053	Neuroprotective Effects of Methyl 3,4-Dihydroxybenzoate against TBHP-Induced Oxidative Damage in SH-SY5Y Cells. <i>Molecules</i> , 2016, 21, 1071.	1.7	20
4054	Phenolic Melatonin-Related Compounds: Their Role as Chemical Protectors against Oxidative Stress. <i>Molecules</i> , 2016, 21, 1442.	1.7	43
4055	Salvianolic Acid B Inhibits $A\beta^{2}$ Generation by Modulating BACE1 Activity in SH-SY5Y-APPsw Cells. <i>Nutrients</i> , 2016, 8, 333.	1.7	26
4056	Dietary Recommendations for Cyclists during Altitude Training. <i>Nutrients</i> , 2016, 8, 377.	1.7	38
4057	Quercitrin from <i>Toona sinensis</i> (Juss.) M.Roem. Attenuates Acetaminophen-Induced Acute Liver Toxicity in HepG2 Cells and Mice through Induction of Antioxidant Machinery and Inhibition of Inflammation. <i>Nutrients</i> , 2016, 8, 431.	1.7	36
4058	Selection of the Optimal Herbal Compositions of Red Clover and Pomegranate According to Their Protective Effect against Climacteric Symptoms in Ovariectomized Mice. <i>Nutrients</i> , 2016, 8, 447.	1.7	5
4059	Healthy Dietary Patterns and Oxidative Stress as Measured by Fluorescent Oxidation Products in Nurses' Health Study. <i>Nutrients</i> , 2016, 8, 587.	1.7	13
4060	High molecular weight of polysaccharides from <i>Heridium erinaceus</i> against amyloid beta-induced neurotoxicity. <i>BMC Complementary and Alternative Medicine</i> , 2016, 16, 170.	3.7	41
4061	Antioxidant Properties of Kynurenines: Density Functional Theory Calculations. <i>PLoS Computational Biology</i> , 2016, 12, e1005213.	1.5	39
4062	High-Dose Fluoride Impairs the Properties of Human Embryonic Stem Cells via JNK Signaling. <i>PLoS ONE</i> , 2016, 11, e0148819.	1.1	11
4063	Antioxidant Defenses in the Brains of Bats during Hibernation. <i>PLoS ONE</i> , 2016, 11, e0152135.	1.1	39
4064	Impact of Dietary Tomato Juice on Changes in Pulmonary Oxidative Stress, Inflammation and Structure Induced by Neonatal Hyperoxia in Mice (<i>Mus musculus</i>). <i>PLoS ONE</i> , 2016, 11, e0159633.	1.1	7
4065	Nutritional Biomarkers of Aging. , 2016, , 109-120.		9
4066	Clinical effects of an oral supplement rich in antioxidants on skin radiance in women. <i>Clinical, Cosmetic and Investigational Dermatology</i> , 2016, Volume 9, 315-324.	0.8	19
4067	Acute High-Intensity Interval Exercise-Induced Redox Signaling Is Associated with Enhanced Insulin Sensitivity in Obese Middle-Aged Men. <i>Frontiers in Physiology</i> , 2016, 7, 411.	1.3	31
4068	2,2'-Azobis (2-Amidinopropane) Dihydrochloride Is a Useful Tool to Impair Lung Function in Rats. <i>Frontiers in Physiology</i> , 2016, 7, 475.	1.3	7

#	ARTICLE	IF	CITATIONS
4069	Natural plant polyphenols for alleviating oxidative damage in man: Current status and future perspectives. <i>Tropical Journal of Pharmaceutical Research</i> , 2016, 15, 1089.	0.2	20
4070	Assessment of DNA Damage and Cell Senescence in Corneal Epithelial Cells Exposed to Airborne Particulate Matter (PM2.5) Collected in Guangzhou, China. , 2016, 57, 3093.		61
4071	The Protective Effect of Antioxidants Consumption on Diabetes and Vascular Complications. <i>Diseases (Basel, Switzerland)</i> , 2016, 4, 24.	1.0	60
4072	Anti-Aging Property of G2013 Molecule as a Novel Immunosuppressive Agent on Enzymatic and Non-Enzymatic Oxidative Stress Determinants in Rat Model. <i>Current Drug Discovery Technologies</i> , 2016, 13, 25-33.	0.6	22
4073	Photoprotective Effect of <i>Carpomitra costata</i> Extract against Ultraviolet B-Induced Oxidative Damage in Human Keratinocytes. <i>Journal of Environmental Pathology, Toxicology and Oncology</i> , 2016, 35, 11-28.	0.6	13
4074	Protective Roles of N-acetyl Cysteine and/or Taurine against Sumatriptan-Induced Hepatotoxicity. <i>Advanced Pharmaceutical Bulletin</i> , 2016, 6, 627-637.	0.6	12
4075	Targeting oxidative stress for the treatment of ischemic stroke: Upstream and downstream therapeutic strategies. <i>Brain Circulation</i> , 2016, 2, 153.	0.7	99
4076	Effect of Cooking on Isoflavones, Phenolic Acids, and Antioxidant Activity in Sprouts of Prosoy Soybean (<i>Glycine max</i>). <i>Journal of Food Science</i> , 2016, 81, C1679-91.	1.5	23
4077	Increased peroxiredoxin 4 levels in patients with prediabetes compared to normal glucose tolerance subjects. <i>Clinical Endocrinology</i> , 2016, 85, 551-555.	1.2	8
4078	Electrolysis-induced fast activation of the ABTS reagent for an antioxidant capacity assay. <i>Analytical Methods</i> , 2016, 8, 5638-5644.	1.3	15
4079	Potential anti-Alzheimer's disease activities of the roots of <i>Desmodium caudatum</i> . <i>Industrial Crops and Products</i> , 2016, 90, 94-99.	2.5	11
4080	Pt modified carbon fiber microelectrode for electrochemically catalytic reduction of hydrogen peroxide and its application in living cell H ₂ O ₂ detection. <i>Journal of Electroanalytical Chemistry</i> , 2016, 781, 233-237.	1.9	25
4081	Ameliorative effects of α -lipoic acid on high-fat diet-induced oxidative stress and glucose uptake impairment of T cells. <i>Free Radical Research</i> , 2016, 50, 1106-1115.	1.5	7
4082	Dopamine, Neurochemical Processes, and Oxygen Toxicity at Pressure. , 2016, 6, 1339-1344.		5
4083	Physiologically induced changes in bound phenolics and antioxidants, ^{sc}DNA</sup>/cytoprotective potentials in pectic poly/oligosaccharides of tomato (<i>Solanum lycopersicum</i>). <i>Journal of the Science of Food and Agriculture</i> , 2016, 96, 4874-4884.	1.7	13
4084	Phenolic Acid-based Poly(anhydride esters) as Antioxidant Biomaterials. <i>Macromolecular Bioscience</i> , 2016, 16, 214-222.	2.1	13
4085	Aceruloplasminemia With Psychomotor Excitement and Neurological Sign Was Improved by Minocycline (Case Report). <i>Medicine (United States)</i> , 2016, 95, e3594.	0.4	20
4086	Catalytic Radical Reduction in Aqueous Solution by a Ruthenium Hydride Intermediate. <i>Angewandte Chemie</i> , 2016, 128, 8698-8702.	1.6	1

#	ARTICLE	IF	CITATIONS
4087	Molecular pathways activation in coronary artery bypass surgery. <i>Journal of Cardiovascular Medicine</i> , 2016, 17, 54-61.	0.6	9
4088	Purification and characterization of a 44.3 kDa antioxidant protein with antitumor activity from <i>Pholiota nameko</i> . <i>Journal of the Science of Food and Agriculture</i> , 2016, 96, 1044-1052.	1.7	11
4089	Autophagy levels are elevated in Barrett's esophagus and promote cell survival from acid and oxidative stress. <i>Molecular Carcinogenesis</i> , 2016, 55, 1526-1541.	1.3	20
4090	TNF- α Inhibits FoxO1 by Upregulating miR-705 to Aggravate Oxidative Damage in Bone Marrow-Derived Mesenchymal Stem Cells during Osteoporosis. <i>Stem Cells</i> , 2016, 34, 1054-1067.	1.4	98
4091	A Continuous Fractionation of Ginsenosides and Polysaccharides From <i>Panax ginseng</i> Using Supercritical Carbon Dioxide Technology. <i>Journal of Food Processing and Preservation</i> , 2016, 40, 743-748.	0.9	11
4092	Mitochondrial reactive oxygen species and inflammation: Molecular mechanisms, diseases and promising therapies. <i>International Journal of Biochemistry and Cell Biology</i> , 2016, 81, 281-293.	1.2	147
4093	A new colorimetric assay for antioxidant capacity and photostability. <i>Coloration Technology</i> , 2016, 132, 195-200.	0.7	2
4094	Erythrocytes in multiple sclerosis – forgotten contributors to the pathophysiology?. <i>Multiple Sclerosis Journal - Experimental, Translational and Clinical</i> , 2016, 2, 205521731664998.	0.5	10
4095	Combined metabolomics and proteomics reveals hypoxia as a cause of lower productivity on scale-up to a 5000-liter CHO bioprocess. <i>Biotechnology Journal</i> , 2016, 11, 1190-1200.	1.8	63
4096	Combination of carmustine and selenite effectively inhibits tumor growth by targeting androgen receptor, androgen receptor variants, and Akt in preclinical models: New hope for patients with castration resistant prostate cancer. <i>International Journal of Cancer</i> , 2016, 139, 1632-1647.	2.3	9
4097	Angiogenesis is repressed by ethanol exposure during chick embryonic development. <i>Journal of Applied Toxicology</i> , 2016, 36, 692-701.	1.4	27
4098	Acute Administration of Diazepam Provokes Redox Homeostasis Imbalance in the Rat Brain: Prevention by Simvastatin. <i>Journal of Biochemical and Molecular Toxicology</i> , 2016, 30, 506-512.	1.4	11
4099	Lysosomal cystine accumulation promotes mitochondrial depolarization and induction of redox-sensitive genes in human kidney proximal tubular cells. <i>Journal of Physiology</i> , 2016, 594, 3353-3370.	1.3	21
4100	Reversible Fluoreszenzsonden für biologische Redoxzustände. <i>Angewandte Chemie</i> , 2016, 128, 1630-1643.	1.6	21
4101	Antioxidant activities and oxidative stress inhibitory effects of ethanol extracts from <i>Cornus officinalis</i> on RAW 264.7 cells. <i>BMC Complementary and Alternative Medicine</i> , 2016, 16, 196.	3.7	56
4102	Catalytic Radical Reduction in Aqueous Solution by a Ruthenium Hydride Intermediate. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 8556-8560.	7.2	14
4103	Mechanisms involved in reproductive toxicity caused by nickel nanoparticle in female rats. <i>Environmental Toxicology</i> , 2016, 31, 1674-1683.	2.1	55
4104	The polyphenolic profiles and antioxidant effects of <i>Agastache rugosa</i> (Banga) flower, leaf, stem and root. <i>Biomedical Chromatography</i> , 2016, 30, 225-231.	0.8	39

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4105	Coexistence of Aflatoxicosis with Protein Malnutrition Worsens Hepatic Oxidative Damage in Rats. <i>Journal of Biochemical and Molecular Toxicology</i> , 2016, 30, 269-276.	1.4	22
4106	Oral administration of oleuropein attenuates cisplatin-induced acute renal injury in mice through inhibition of ERK signaling. <i>Molecular Nutrition and Food Research</i> , 2016, 60, 530-541.	1.5	53
4107	Effects on detection of radical formation in skin due to solar irradiation measured by EPR spectroscopy. <i>Methods</i> , 2016, 109, 44-54.	1.9	18
4108	Electrochemical Probing through a Redox Capacitor To Acquire Chemical Information on Biothiols. <i>Analytical Chemistry</i> , 2016, 88, 7213-7221.	3.2	27
4109	A Deep Eutectic Solvent-based Amperometric Sensor for the Detection of Low Oxygen Contents in Gaseous Atmospheres. <i>Electroanalysis</i> , 2016, 28, 757-763.	1.5	17
4111	Anthocyanins abrogate glutamate-induced AMPK activation, oxidative stress, neuroinflammation, and neurodegeneration in postnatal rat brain. <i>Journal of Neuroinflammation</i> , 2016, 13, 286.	3.1	67
4112	BDE-47 induces oxidative stress, activates MAPK signaling pathway, and elevates de novo lipogenesis in the copepod <i>Paracyclops nana</i> . <i>Aquatic Toxicology</i> , 2016, 181, 104-112.	1.9	34
4113	A Bacterial Component to Alzheimer's-Type Dementia Seen via a Systems Biology Approach that Links Iron Dysregulation and Inflammagen Shedding to Disease. <i>Journal of Alzheimer's Disease</i> , 2016, 53, 1237-1256.	1.2	56
4114	Near-infrared laser increases MDPC-23 odontoblast-like cells proliferation by activating redox sensitive pathways. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 164, 283-288.	1.7	9
4115	Plasma Total Antioxidant Capacity and Activities of Blood Glutathione Peroxidase and Superoxide Dismutase Determined in Healthy Dogs by Using Commercially Available Kits. <i>Acta Veterinaria</i> , 2016, 66, 534-548.	0.2	19
4116	Stress-induced nuclear translocation of CDK5 suppresses neuronal death by downregulating ERK activation via VRK3 phosphorylation. <i>Scientific Reports</i> , 2016, 6, 28634.	1.6	16
4117	Physicochemical properties and <i>in-vitro</i> antioxidant capacity of Semen Astragali Complanati wine. <i>CYTA - Journal of Food</i> , 0, , 1-10.	0.9	0
4118	The correlation between antimutagenic activity and total phenolic content of extracts of 31 plant species with high antioxidant activity. <i>BMC Complementary and Alternative Medicine</i> , 2016, 16, 490.	3.7	66
4119	Examination of secondary metabolites and antioxidant capacity of <i>Anthyllis vulneraria</i> , <i>Fuchsia</i> sp., <i>Galium mollugo</i> and <i>Veronica beccabunga</i> . <i>Acta Biologica Hungarica</i> , 2016, 67, 442-446.	0.7	6
4120	<i>In vivo</i> ameliorative effects of methanol leaf extract of <i>Lawsonia inermis</i> Linn on experimental <i>Trypanosoma congolense</i> infection in Wistar rats. <i>International Journal of Veterinary Science and Medicine</i> , 2016, 4, 33-40.	0.8	6
4121	Biochemistry of Oxidative Stress. , 2016, , .		5
4122	Oxidative Stress, Metabolic Syndrome and Alzheimer's Disease. , 2016, , 361-374.		1
4123	Heavy metal, nutrient and antioxidant status of selected fruit samples sold in Enugu, Nigeria. <i>International Journal of Food Contamination</i> , 2016, 3, .	2.2	13

#	ARTICLE	IF	CITATIONS
4124	Poor maternal nutrition and accelerated postnatal growth induces an accelerated aging phenotype and oxidative stress in skeletal muscle of male rats. <i>DMM Disease Models and Mechanisms</i> , 2016, 9, 1221-1229.	1.2	45
4125	Chemical Composition, Antioxidant and Antimicrobial Activity of Chamomile Flowers Essential Oil (<i>Matricaria chamomilla</i> L.). <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2016, 19, 2017-2028.	0.7	71
4126	Dentate gyrus cornu ammonis (CA) 4 volume is decreased and associated with depressive episodes and lipid peroxidation in bipolar disorder: Longitudinal and cross-sectional analyses. <i>Bipolar Disorders</i> , 2016, 18, 657-668.	1.1	17
4127	Ischemia/Reperfusion. , 2016, 7, 113-170.		537
4128	Sodium butyrate protects against oxidative stress in HepG2 cells through modulating Nrf2 pathway and mitochondrial function. <i>Journal of Physiology and Biochemistry</i> , 2016, 73, 405-414.	1.3	53
4129	Investigation of the cytotoxicity, antioxidative and immune-modulatory effects of <i>Ligusticum porteri</i> (Osha) root extract on human peripheral blood lymphocytes. <i>Journal of Integrative Medicine</i> , 2016, 14, 465-472.	1.4	12
4130	NMR based metabolomic approach revealed cyclophosphamide-induced systematic alterations in a rat model. <i>RSC Advances</i> , 2016, 6, 111020-111030.	1.7	10
4131	Hydroxyalkoxy substituted tetraphenylporphyrins: Mechanism and superoxide scavenging activity. <i>Journal of Porphyrins and Phthalocyanines</i> , 2016, 20, 1477-1485.	0.4	3
4132	Systemic Oxidative Stress in Patients with Neurodegenerative Diseases. , 2016, , 345-358.		1
4133	Effects of antioxidant vitamins (A, D, E) and trace elements (Cu, Mn, Se, Zn) on some metabolic and reproductive profiles in dairy cows during transition period. <i>Polish Journal of Veterinary Sciences</i> , 2016, 19, 697-706.	0.2	25
4134	Protective Effects of Selenium, Vitamin E, and Purple Carrot Anthocyanins on d-Galactose-Induced Oxidative Damage in Blood, Liver, Heart and Kidney Rats. <i>Biological Trace Element Research</i> , 2016, 173, 433-442.	1.9	45
4135	Are iron oxide nanoparticles safe? Current knowledge and future perspectives. <i>Journal of Trace Elements in Medicine and Biology</i> , 2016, 38, 53-63.	1.5	162
4136	Variability of salivary markers of oxidative stress and antioxidant status in young healthy individuals. <i>Redox Report</i> , 2016, 21, 24-30.	1.4	15
4137	Antioxidant treatments for schizophrenia. <i>The Cochrane Library</i> , 2016, 2016, CD008919.	1.5	49
4138	Oxidative Stress and DNA Damage in Untreated First-Episode Psychosis in Adolescents. <i>Neuropsychobiology</i> , 2016, 73, 92-97.	0.9	24
4139	Mitochondrial permeabilization without caspase activation mediates the increase of basal apoptosis in cells lacking Nrf2. <i>Free Radical Biology and Medicine</i> , 2016, 95, 82-95.	1.3	10
4140	Influence of different periods of the year and age on the parameters of antioxidative status and oxidative stress in the blood serum of breeding bulls. <i>Reproductive Biology</i> , 2016, 16, 157-164.	0.9	8
4141	DPPH-HPLC-DAD analysis combined HSCCC for screening and identification of radical scavengers in <i>Cynomorium songaricum</i> Rupr.. <i>New Journal of Chemistry</i> , 2016, 40, 3885-3891.	1.4	14

#	ARTICLE	IF	CITATIONS
4142	SERS as a tool for in vitro toxicology. Faraday Discussions, 2016, 187, 501-520.	1.6	7
4143	A biomarker of tissue damage, lactate dehydrogenase, is associated with fibulin-1 and oxidative stress in blacks: the SAfrEIC study. Biomarkers, 2016, 21, 48-55.	0.9	13
4144	Atmospheric-pressure plasma-irradiation inhibits mouse embryonic stem cell differentiation to mesoderm and endoderm but promotes ectoderm differentiation. Journal Physics D: Applied Physics, 2016, 49, 165401.	1.3	11
4145	Increased levels of oxidative stress biomarkers in metal oxides nanomaterial-handling workers. Biomarkers, 2016, 21, 600-606.	0.9	17
4146	Enhanced nitric oxide generation from nitric oxide synthases as the cause of increased peroxynitrite formation during acute restraint stress: Effects on carotid responsiveness to angiotensinergic stimuli in type-1 diabetic rats. European Journal of Pharmacology, 2016, 783, 11-22.	1.7	11
4147	The pathogenesis of systemic lupus erythematosus - From the viewpoint of oxidative stress and mitochondrial dysfunction. Mitochondrion, 2016, 30, 1-7.	1.6	50
4148	Platelet Activating Factor (PAF) Receptor Deletion or Antagonism Attenuates Severe HSV-1 Meningoencephalitis. Journal of NeuroImmune Pharmacology, 2016, 11, 613-621.	2.1	7
4149	Protein pathways working in human follicular fluid: the future for tailored IVF?. Expert Reviews in Molecular Medicine, 2016, 18, e9.	1.6	55
4150	Melatonin can Ameliorate Radiation-Induced Oxidative Stress and Inflammation-Related Deterioration of Bone Quality in Rat Femur. Inflammation, 2016, 39, 1134-40.	1.7	8
4151	Rapid determination of lipid peroxidation using a novel pyridoxamine-participating ferrous oxidation-sulfosalicylic acid spectrophotometric method. Food Chemistry, 2016, 211, 637-644.	4.2	7
4152	Antioxidant and Myocardial Preservation Activities of Natural Phytochemicals from Mung Bean (<i>Vigna radiata</i> L.) Seeds. Journal of Agricultural and Food Chemistry, 2016, 64, 4648-4655.	2.4	34
4153	Citharexylum solanaceum fruit extracts: Profiles of phenolic compounds and carotenoids and their relation with ROS and RNS scavenging capacities. Food Research International, 2016, 86, 24-33.	2.9	18
4154	Protocatechuic acid grafted onto chitosan: Characterization and antioxidant activity. International Journal of Biological Macromolecules, 2016, 89, 518-526.	3.6	106
4155	<i>In vitro</i> cell-based assays for evaluation of antioxidant potential of plant-derived products. Free Radical Research, 2016, 50, 801-812.	1.5	16
4156	Aril Production. , 2016, , 101-103.		0
4157	Developmental Programming, a Pathway to Disease. Endocrinology, 2016, 157, 1328-1340.	1.4	166
4158	Follicular fluid total antioxidant capacity levels in PCOS. Journal of Obstetrics and Gynaecology, 2016, 36, 654-657.	0.4	19
4159	Use and Evaluation of Newly Synthesized Fluorescence Probes to Detect Generated OH Radicals in Fibroblast Cells. Journal of Fluorescence, 2016, 26, 919-924.	1.3	3

#	ARTICLE	IF	CITATIONS
4160	Protective role of carbon dioxide (CO ₂) in generation of reactive oxygen species. <i>Molecular and Cellular Biochemistry</i> , 2016, 411, 317-330.	1.4	18
4161	Allium hookeri root protects oxidative stress-induced inflammatory responses and β -cell damage in pancreas of streptozotocin-induced diabetic rats. <i>BMC Complementary and Alternative Medicine</i> , 2016, 16, 63.	3.7	45
4162	Nano-encapsulation of capsaicin on lipid vesicle and evaluation of their hepatocellular protective effect. <i>International Journal of Biological Macromolecules</i> , 2016, 88, 236-243.	3.6	40
4163	Superoxide dismutase activity and gene expression levels in Saudi women with recurrent miscarriage. <i>Molecular Medicine Reports</i> , 2016, 13, 2606-2612.	1.1	29
4164	Thermodynamics and Kinetics for the Free Radical Oxygen Protein Oxidation Pathway in a Model for β -Structured Peptides. <i>Journal of Physical Chemistry A</i> , 2016, 120, 2493-2503.	1.1	4
4165	Chronic unpredictable mild stress generates oxidative stress and systemic inflammation in rats. <i>Physiology and Behavior</i> , 2016, 161, 15-23.	1.0	92
4166	Protective effects of azarole polyphenolic extracts against oxidative damage using in vitro biomolecular and cellular models. <i>Industrial Crops and Products</i> , 2016, 86, 239-250.	2.5	6
4167	Triclosan (TCS) and Triclocarban (TCC) cause lifespan reduction and reproductive impairment through oxidative stress-mediated expression of the defensome in the monogonont rotifer (<i>Tj ETQq1 1 0.784314 rgBT / Overlock 10</i>) <i>Pharmacology</i> , 2016, 185-186, 131-137.	1.3	40
4168	Increased in cyclooxygenase-2 immunoreactivity and DNA damage in hippocampus of rats infected by <i>Trypanosoma evansi</i> . <i>Comparative Clinical Pathology</i> , 2016, 25, 585-591.	0.3	1
4169	Parthenolide and DMAPT exert cytotoxic effects on breast cancer stem-like cells by inducing oxidative stress, mitochondrial dysfunction and necrosis. <i>Cell Death and Disease</i> , 2016, 7, e2194-e2194.	2.7	74
4170	Antioxidant Potential of Wild Plant Foods. , 2016, , 209-232.		5
4171	Preparation, characterization and in vitro antioxidative potential of synbiotic fermented dairy products. <i>Journal of Food Science and Technology</i> , 2016, 53, 1984-1992.	1.4	11
4172	The Levels of Cortisol, Oxidative Stress, and DNA Damage in the Victims of Childhood Sexual Abuse: A Preliminary Study. <i>Journal of Child Sexual Abuse</i> , 2016, 25, 175-184.	0.7	17
4173	Antioxidant Responses in Relation to Persistent Organic Pollutants and Metals in a Low- and a High-Exposure Population of Seabirds. <i>Environmental Science & Technology</i> , 2016, 50, 4817-4825.	4.6	14
4174	Construction of a metabolomics profile of arsenic trioxide effect in gastric carcinoma cell line SGC7901. <i>Acta Biochimica Et Biophysica Sinica</i> , 2016, 48, 474-481.	0.9	15
4175	Oxidative Stress: Role of Natural Antioxidant Compounds. , 2016, , 65-76.		0
4176	Progress and Prospects of Reactive Oxygen Species in Metal Carcinogenesis. <i>Current Pharmacology Reports</i> , 2016, 2, 178-186.	1.5	36
4177	Investigation of N-acetylcysteine on contralateral testis tissue injury by experimental testicular torsion: long-term effect. <i>American Journal of Emergency Medicine</i> , 2016, 34, 1069-1074.	0.7	8

#	ARTICLE	IF	CITATIONS
4178	Mechanistic Insights into Radical-Mediated Oxidation of Tryptophan from ab Initio Quantum Chemistry Calculations and QM/MM Molecular Dynamics Simulations. <i>Journal of Physical Chemistry A</i> , 2016, 120, 2926-2939.	1.1	6
4179	Solanum diploconos fruits: profile of bioactive compounds and in vitro antioxidant capacity of different parts of the fruit. <i>Food and Function</i> , 2016, 7, 2249-2257.	2.1	12
4180	High-fructose and high-fat diet-induced disorders in rats: impact on diabetes risk, hepatic and vascular complications. <i>Nutrition and Metabolism</i> , 2016, 13, 15.	1.3	214
4181	Assessment of the redox status in patients with metabolic syndrome and type 2 diabetes reveals great variations. <i>Experimental and Therapeutic Medicine</i> , 2016, 11, 895-903.	0.8	35
4182	Behaviour and cognitive changes correlated with hippocampal neuroinflammation and neuronal markers in female SAMP8, a model of accelerated senescence. <i>Experimental Gerontology</i> , 2016, 80, 57-69.	1.2	57
4183	Bovine and soybean milk bioactive compounds: Effects on inflammatory response of human intestinal Caco-2 cells. <i>Food Chemistry</i> , 2016, 210, 276-285.	4.2	23
4184	Targeting copper(II)-induced oxidative stress and the acetylcholinesterase system in Alzheimer's disease using multifunctional tacrine-coumarin hybrid molecules. <i>Journal of Inorganic Biochemistry</i> , 2016, 161, 52-62.	1.5	63
4185	Cytotoxicity of semiconductor nanoparticles in A549 cells is attributable to their intrinsic oxidant activity. <i>Journal of Nanoparticle Research</i> , 2016, 18, 1.	0.8	6
4186	Advanced oxidative protein products induced human keratinocyte apoptosis through the NOX ² /MAPK pathway. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2016, 21, 825-835.	2.2	18
4187	Neuroprotective effects of honokiol against beta-amyloid-induced neurotoxicity via GSK-3 ^β and β -catenin signaling pathway in PC12 cells. <i>Neurochemistry International</i> , 2016, 97, 8-14.	1.9	26
4188	Total phenolic and flavonoid contents and antioxidant activities of sixteen commercial date cultivars grown in Saudi Arabia. <i>RSC Advances</i> , 2016, 6, 44814-44819.	1.7	42
4189	DNA Damage in Major Psychiatric Diseases. <i>Neurotoxicity Research</i> , 2016, 30, 251-267.	1.3	49
4190	Cardioprotective Effects of Phenylethanoid Glycoside-rich Extract from <i>Cistanche deserticola</i> in Ischemia-Reperfusion-Induced Myocardial Infarction in Rats. <i>Annals of Vascular Surgery</i> , 2016, 34, 234-242.	0.4	21
4191	Blue sharks (<i>Prionace glauca</i>) as bioindicators of pollution and health in the Atlantic Ocean: Contamination levels and biochemical stress responses. <i>Science of the Total Environment</i> , 2016, 563-564, 282-292.	3.9	79
4192	Stabilization of Natural Antioxidants by Silk Biomaterials. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 13573-13582.	4.0	30
4193	Dual and Opposing Roles of Xanthine Dehydrogenase in Defense-Associated Reactive Oxygen Species Metabolism in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2016, 28, 1108-1126.	3.1	91
4194	Self-assembled porous ceria nanostructures with excellent water solubility and antioxidant properties. <i>RSC Advances</i> , 2016, 6, 45957-45962.	1.7	5
4195	Chemopreventive effect of 18 β -glycyrrhetic acid via modulation of inflammatory markers and induction of apoptosis in human hepatoma cell line (HepG2). <i>Molecular and Cellular Biochemistry</i> , 2016, 416, 169-177.	1.4	40

#	ARTICLE	IF	CITATIONS
4196	Influence on the oxidative potential of a heavy-duty engine particle emission due to selective catalytic reduction system and biodiesel blend. <i>Science of the Total Environment</i> , 2016, 560-561, 179-185.	3.9	19
4197	In vitro gastrointestinal digestion of purified bovine kappa-casein variants A, B, and E: Effects on antioxidant and angiotensin 1-converting enzyme inhibitory capacity. <i>International Dairy Journal</i> , 2016, 57, 44-51.	1.5	14
4198	Imaging calcium and redox signals using genetically encoded fluorescent indicators. <i>Cell Calcium</i> , 2016, 60, 55-64.	1.1	27
4199	In vitro cytotoxicity, genotoxicity and antigenotoxicity assessment of Solanum lycocarpum hydroalcoholic extract. <i>Pharmaceutical Biology</i> , 2016, 54, 2786-2790.	1.3	9
4200	Proteomic analysis of fine-needle aspiration in differential diagnosis of thyroid nodules. <i>Translational Research</i> , 2016, 176, 81-94.	2.2	25
4201	Fenton Reaction-Generated Advanced Oxidation Protein Products Induces Inflammation in Human Embryonic Kidney Cells. <i>Inflammation</i> , 2016, 39, 1285-1290.	1.7	7
4202	Switching on a transient endogenous ROS production in mammalian cells and tissues. <i>Methods</i> , 2016, 109, 180-189.	1.9	23
4203	3D-QSAR studies on lipid peroxidation inhibitory activity of chromone derivatives. <i>Medicinal Chemistry Research</i> , 2016, 25, 2368-2379.	1.1	5
4204	Endothelial Dysfunction, and A Prothrombotic, Proinflammatory Phenotype Is Caused by Loss of Mitochondrial Thioredoxin Reductase in Endothelium. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 1891-1899.	1.1	45
4205	Intracoronary Whitening of Endodontically Treated Teeth. , 2016, , 169-197.		3
4206	Electron Paramagnetic Resonance in the Experimental Oncology: Implementation Examples of the Conventional Approaches. <i>BioNanoScience</i> , 2016, 6, 431-436.	1.5	9
4207	Lifestyle predictors of oxidant and antioxidant enzyme activities and total antioxidant capacity in healthy women: a cross-sectional study. <i>Journal of Physiology and Biochemistry</i> , 2016, 72, 745-762.	1.3	7
4208	Angiotensin II induces interleukin-6 expression in astrocytes: Role of reactive oxygen species and NF- κ B. <i>Molecular and Cellular Endocrinology</i> , 2016, 437, 130-141.	1.6	30
4209	Alkaloid extracts from shea butter and breadfruit as potential inhibitors of monoamine oxidase, cholinesterases, and lipid peroxidation in rats' brain homogenates: a comparative study. <i>Comparative Clinical Pathology</i> , 2016, 25, 1213-1219.	0.3	16
4210	Sesquiterpene Lactones. <i>Studies in Natural Products Chemistry</i> , 2016, , 243-264.	0.8	10
4211	Impacto del estrés oxidativo en la dinámica de fragmentación del ADN espermático. <i>Medicina Reproductiva Y Embriología Clínica</i> , 2016, 3, 137-143.	0.1	0
4212	Dietary selenium disrupts hepatic triglyceride stores and transcriptional networks associated with growth and Notch signaling in juvenile rainbow trout. <i>Aquatic Toxicology</i> , 2016, 180, 103-114.	1.9	27
4213	OxInflammation in Rett syndrome. <i>International Journal of Biochemistry and Cell Biology</i> , 2016, 81, 246-253.	1.2	48

#	ARTICLE	IF	CITATIONS
4214	Synthesis and characterization of acetic acid functionalized poly (4-vinylpyridinium) salt as new catalyst for the synthesis of spiropyran derivatives and their biological activity. <i>Journal of Molecular Catalysis A</i> , 2016, 425, 217-228.	4.8	29
4215	Serum free thiols in chronic heart failure. <i>Pharmacological Research</i> , 2016, 111, 452-458.	3.1	58
4216	<i>Mycoplasma ovipneumoniae</i> induces sheep airway epithelial cell apoptosis through an ERK signalling-mediated mitochondria pathway. <i>BMC Microbiology</i> , 2016, 16, 222.	1.3	28
4217	Protective effects of rice bran fermented by <i>Saccharomyces cerevisiae</i> Misaki-1 and <i>Lactobacillus plantarum</i> Sanriki-SU8 in dextran sodium sulphate-induced inflammatory bowel disease model mice. <i>Food Bioscience</i> , 2016, 16, 44-49.	2.0	25
4218	Edaravone improves survival and neurological outcomes after CPR in a ventricular fibrillation model of rats. <i>American Journal of Emergency Medicine</i> , 2016, 34, 1944-1949.	0.7	9
4219	In vitro anti-inflammatory and anti-oxidant activities of Sri Lankan medicinal plants. <i>Industrial Crops and Products</i> , 2016, 94, 610-620.	2.5	37
4221	Tocotrienol and Its Role in Chronic Diseases. <i>Advances in Experimental Medicine and Biology</i> , 2016, 928, 97-130.	0.8	27
4222	K + Efflux-Independent NLRP3 Inflammasome Activation by Small Molecules Targeting Mitochondria. <i>Immunity</i> , 2016, 45, 761-773.	6.6	364
4223	Butein and Its Role in Chronic Diseases. <i>Advances in Experimental Medicine and Biology</i> , 2016, 928, 419-433.	0.8	20
4224	A review on the pharmacological effects of vitexin and isovitexin. <i>F̄-toterap̄-Ã¢</i> , 2016, 115, 74-85.	1.1	285
4225	Cytogenetic status and oxidative stress parameters in patients with thyroid diseases. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2016, 810, 22-29.	0.9	21
4226	Rapid screening and evaluation of antioxidants in alkaloid natural products by capillary electrophoresis with chemiluminescence detection. <i>Analytical Methods</i> , 2016, 8, 6545-6553.	1.3	5
4227	Phenolic profile of various wild edible mushroom extracts from Thailand and their antioxidant properties, anti-tyrosinase and hyperglycaemic inhibitory activities. <i>Journal of Functional Foods</i> , 2016, 27, 352-364.	1.6	74
4228	Obesity, Oxidative Stress, and Their Effect on Serum Heme Oxygenase-1 Concentrations and Insulin in Children Aged 3 to 5 Years in a Pediatric Hospital of the Ministry of Health CDMX. <i>Childhood Obesity</i> , 2016, 12, 474-481.	0.8	15
4229	Administration of AMD3100 in endotoxemia is associated with pro-inflammatory, pro-oxidative, and pro-apoptotic effects in vivo. <i>Journal of Biomedical Science</i> , 2016, 23, 68.	2.6	22
4230	Effects of trimethoprim on life history parameters, oxidative stress, and the expression of cytochrome P450 genes in the copepod <i>Tigriopus japonicus</i> . <i>Chemosphere</i> , 2016, 159, 159-165.	4.2	27
4231	Discovery of "click"™ 1,2,3-triazolium salts as potential anticancer drugs. <i>Radiology and Oncology</i> , 2016, 50, 280-288.	0.6	19
4232	Free radical scavenging and COX-2 inhibition by simple colon metabolites of polyphenols: A theoretical approach. <i>Computational Biology and Chemistry</i> , 2016, 65, 45-53.	1.1	28

#	ARTICLE	IF	CITATIONS
4233	Purification, characterization and in vitro antioxidant activities of polysaccharide from <i>Chaenomeles speciosa</i> . <i>International Journal of Biological Macromolecules</i> , 2016, 92, 702-707.	3.6	24
4234	Polyphenol compounds and PKC signaling. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2016, 1860, 2107-2121.	1.1	77
4235	Domain motions and electron transfer dynamics in 2Fe-superoxide reductase. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 23053-23066.	1.3	5
4236	Phosphosulfonic acid-catalyzed green synthesis and bioassay of 1,3,4-thiadiazolyl aminophosphonates. <i>Heteroatom Chemistry</i> , 2016, 27, 269-278.	0.4	20
4237	Inhibition of histone deacetylase reduces transcription of NADPH oxidases and ROS production and ameliorates pulmonary arterial hypertension. <i>Free Radical Biology and Medicine</i> , 2016, 99, 167-178.	1.3	83
4238	Effects of oxidative stress on hyperglycaemia-induced brain malformations in a diabetes mouse model. <i>Experimental Cell Research</i> , 2016, 347, 201-211.	1.2	14
4239	Antioxidant and antidiabetic activities of the seed and leaf extracts of <i>Chrysophyllum albidum</i> . <i>Asian Pacific Journal of Tropical Disease</i> , 2016, 6, 642-649.	0.5	5
4240	Skin aging and oxidative stress: Equol™s anti-aging effects via biochemical and molecular mechanisms. <i>Ageing Research Reviews</i> , 2016, 31, 36-54.	5.0	209
4241	Sarcoptic mange in dogs: Its effect on liver, oxidative stress, trace minerals and vitamins. <i>Veterinary Parasitology</i> , 2016, 227, 30-34.	0.7	13
4243	Revisiting Kadenbach: Electron flux rate through cytochrome c oxidase determines the ATP-inhibitory effect and subsequent production of ROS. <i>BioEssays</i> , 2016, 38, 556-567.	1.2	16
4244	Attenuating Oxidative Stress Via Oxalate Ester-Containing Ferulic Acid-Based Poly(anhydride-esters) that Scavenge Hydrogen Peroxide. <i>Macromolecular Chemistry and Physics</i> , 2016, 217, 108-114.	1.1	5
4245	Anti-inflammatory, antiapoptotic, and antioxidant activity of fluoxetine. <i>Pharmacology Research and Perspectives</i> , 2016, 4, e00231.	1.1	75
4246	Oxidative Stress and Diabetes Mellitus. , 2016, , 55-67.		3
4247	Flavonoids as Potent Scavengers of Hydroxyl Radicals. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2016, 15, 720-738.	5.9	270
4248	Oxidative stress factors and C-reactive protein in patients with oral lichen planus before and 2 weeks after treatment. <i>Journal of Oral Pathology and Medicine</i> , 2016, 45, 35-40.	1.4	29
4249	Walker 256 tumor-bearing rats demonstrate altered interstitial cells of Cajal. Effects on ICC in the Walker 256 tumor model. <i>Neurogastroenterology and Motility</i> , 2016, 28, 101-115.	1.6	17
4250	Effects of Resveratrol on Receptor for Advanced Glycation End Products (RAGE) Expression and Oxidative Stress in the Liver of Rats with Type 2 Diabetes. <i>Phytotherapy Research</i> , 2016, 30, 66-71.	2.8	59
4251	Alterations of Na ⁺ /K ⁺ -ATPase, cholinergic and antioxidant enzymes activity by protocatechuic acid in cadmium-induced neurotoxicity and oxidative stress in Wistar rats. <i>Biomedicine and Pharmacotherapy</i> , 2016, 83, 559-568.	2.5	40

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4252	Antioxidant peptides released from gastrointestinal digestion of <i>Stracchino</i> soft cheese: Characterization, in vitro intestinal protection and bioavailability. <i>Journal of Functional Foods</i> , 2016, 26, 494-505.	1.6	60
4253	Antioxidant activity and protective role on protein glycation of synthetic aminocoumarins. <i>Electronic Journal of Biotechnology</i> , 2016, 24, 43-48.	1.2	20
4254	Bioactive properties and functional constituents of <i>Hypericum androsaemum</i> L.: A focus on the phenolic profile. <i>Food Research International</i> , 2016, 89, 422-431.	2.9	19
4255	Epstein-Barr virus infection induces bone resorption in apical periodontitis via increased production of reactive oxygen species. <i>Medical Hypotheses</i> , 2016, 94, 40-42.	0.8	22
4256	The potential of photodynamic therapy (PDT) – Experimental investigations and clinical use. <i>Biomedicine and Pharmacotherapy</i> , 2016, 83, 912-929.	2.5	152
4257	Nitro-oleic acid ameliorates oxygen and glucose deprivation/re-oxygenation triggered oxidative stress in renal tubular cells via activation of Nrf2 and suppression of NADPH oxidase. <i>Free Radical Research</i> , 2016, 50, 1200-1213.	1.5	29
4258	Dietary litchi pulp polysaccharides could enhance immunomodulatory and antioxidant effects in mice. <i>International Journal of Biological Macromolecules</i> , 2016, 92, 1067-1073.	3.6	79
4259	Structure-Activity Relationships of Di-2-pyridylketone, 2-Benzoylpyridine, and 2-Acetylpyridine Thiosemicarbazones for Overcoming Pgp-Mediated Drug Resistance. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 8601-8620.	2.9	82
4260	Antioxidant, genoprotective and immunomodulatory potential of <i>Vitex negundo</i> leaves in experimental arthritis. <i>Oriental Pharmacy and Experimental Medicine</i> , 2016, 16, 217-224.	1.2	6
4261	Intracellular Hydrogen Peroxide Detection with Functionalised Nanoelectrodes. <i>ChemElectroChem</i> , 2016, 3, 2125-2129.	1.7	43
4262	Distinctive adaptive response to repeated exposure to hydrogen peroxide associated with upregulation of DNA repair genes and cell cycle arrest. <i>Redox Biology</i> , 2016, 9, 124-133.	3.9	47
4263	Oxidative stress and nitric oxide are increased in obese children and correlate with cardiometabolic risk and renal function. <i>British Journal of Nutrition</i> , 2016, 116, 805-815.	1.2	37
4264	Total synthesis, structural, and biological evaluation of stylissatin and related analogs. <i>Journal of Peptide Science</i> , 2016, 22, 607-617.	0.8	13
4265	Development of Sensitive Analytical Approach for the Quantification of Γ -Lipoic Acid Using Boron Doped Diamond Electrode. <i>Analytical Sciences</i> , 2016, 32, 847-851.	0.8	16
4266	The cytoprotective effect of <i>Rumex Aquaticus</i> Herba extract against hydrogen peroxide-induced oxidative stress in AGS cells. <i>Archives of Pharmacal Research</i> , 2016, 39, 1739-1747.	2.7	7
4267	Contribution of Persistent Organic Pollutant Exposure to the Adipose Tissue Oxidative Microenvironment in an Adult Cohort: A Multipollutant Approach. <i>Environmental Science & Technology</i> , 2016, 50, 13529-13538.	4.6	37
4268	Dietary Weight Loss, Exercise, and Oxidative Stress in Postmenopausal Women: A Randomized Controlled Trial. <i>Cancer Prevention Research</i> , 2016, 9, 835-843.	0.7	34
4269	The role of microbial exopolymers in determining the fate of oil and chemical dispersants in the ocean. <i>Limnology and Oceanography Letters</i> , 2016, 1, 3-26.	1.6	105

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4270	Synthesis of Succinimide-Containing Chromones, Naphthoquinones, and Xanthenes under Rh(III) Catalysis: Evaluation of Anticancer Activity. <i>Journal of Organic Chemistry</i> , 2016, 81, 12416-12425.	1.7	88
4272	Nitrogen dioxide pollution exposure is associated with olfactory dysfunction in older U.S. adults. <i>International Forum of Allergy and Rhinology</i> , 2016, 6, 1245-1252.	1.5	24
4273	Involvement of genetic factors and lifestyle on the occurrence of colorectal and gastric cancer. <i>Critical Reviews in Oncology/Hematology</i> , 2016, 107, 72-81.	2.0	22
4274	Chronic Hypobaric Hypoxia Induces Right Ventricular Hypertrophy and Apoptosis in Rats: Therapeutic Potential of Nanocurcumin in Improving Adaptation. <i>High Altitude Medicine and Biology</i> , 2016, 17, 342-352.	0.5	18
4275	Formaldehyde solutions in simulated sweat increase human melanoma but not normal human keratinocyte cells proliferation. <i>Toxicology in Vitro</i> , 2016, 37, 106-112.	1.1	12
4276	The effects of canthaxanthin on porcine oocyte maturation and embryo development in vitro after parthenogenetic activation and somatic cell nuclear transfer. <i>Reproduction in Domestic Animals</i> , 2016, 51, 870-876.	0.6	22
4277	Acute exposure to waterborne cadmium induced oxidative stress and immunotoxicity in the brain, ovary and liver of zebrafish (<i>Danio rerio</i>). <i>Aquatic Toxicology</i> , 2016, 180, 36-44.	1.9	147
4278	Nucleophilic substitution by amide nitrogen in the aromatic rings of $[Zn^{II}H]^{TM+}$ ions; the structures of the $[b2\ \hat{a}^{\sim} H\ \hat{a}^{\sim} 17]E^{TM+}$ and $[c1\ \hat{a}^{\sim} 17]^+$ ions. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 11168-11175.	1.3	1
4279	Sargassum fusiforme polysaccharides activate antioxidant defense by promoting Nrf2-dependent cytoprotection and ameliorate stress insult during aging. <i>Food and Function</i> , 2016, 7, 4576-4588.	2.1	56
4280	Sensitive Electroanalytical Detection on GCE: the Case of Lipoic Acid and its Interaction with α -acetylcysteine and Glutathione. <i>Electroanalysis</i> , 2016, 28, 2818-2826.	1.5	5
4281	Diabetes Mellitus in 21st Century. , 2016, , .		10
4282	Simultaneous, rapid, and sensitive quantification of 8-hydroxy-2-deoxyguanosine and cotinine in human urine by on-line solid-phase extraction LC-MS/MS: correlation with tobacco exposure biomarkers NNAL. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 6295-6306.	1.9	25
4283	Subchronic treatment with acai frozen pulp prevents the brain oxidative damage in rats with acute liver failure. <i>Metabolic Brain Disease</i> , 2016, 31, 1427-1434.	1.4	10
4284	The red wine leaf extract AS195 increases nitric oxide synthase-dependent nitric oxide generation and decreases oxidative stress in endothelial and red blood cells. <i>Pharmacology Research and Perspectives</i> , 2016, 4, e00213.	1.1	10
4285	Thaliporphine, an alkaloid from <i>Neolitsea konishii</i> , exerts antioxidant, anti-inflammatory, and anti-apoptotic responses in guinea pig during cardiovascular collapse in inflammatory disease. <i>Journal of Functional Foods</i> , 2016, 26, 57-64.	1.6	7
4287	Silibinin induces mitochondrial NOX4-mediated endoplasmic reticulum stress response and its subsequent apoptosis. <i>BMC Cancer</i> , 2016, 16, 452.	1.1	30
4288	Nature and Implications of Oxidative and Nitrosative Stresses in Autoimmune Hepatitis. <i>Digestive Diseases and Sciences</i> , 2016, 61, 2784-2803.	1.1	25
4289	Resistance training induces protective adaptation from the oxidative stress induced by an intense-strength session. <i>Sport Sciences for Health</i> , 2016, 12, 321-328.	0.4	6

#	ARTICLE	IF	CITATIONS
4290	Evaluating the influence of the diamine unit (ethylenediamine, piperazine and homopiperazine) on the molecular structure, physical chemical properties and superoxide dismutase activity of copper complexes. <i>Inorganica Chimica Acta</i> , 2016, 450, 353-363.	1.2	18
4291	Antioxidant and antiacetylcholinesterase activities of different granulometric classes of <i>Salix alba</i> (L.) bark powders. <i>Powder Technology</i> , 2016, 301, 649-656.	2.1	39
4292	Oxidant effects and toxicity of <i>Croton campestris</i> in <i>Drosophila melanogaster</i> . <i>Pharmaceutical Biology</i> , 2016, 54, 3068-3077.	1.3	10
4293	A Validated HPTLC Densitometric Method for Simultaneous Determination of Evernic and Usnic Acids in Four <i>Usnea</i> Species and Comparison of Their Antioxidant Potential. <i>Journal of Chromatographic Science</i> , 2016, 54, 1670-1677.	0.7	6
4294	Therapeutic Nanozyme: Antioxidative and cytoprotective effects of nanoceria against hydrogen peroxide induced oxidative stress in fibroblast cells and in zebrafish. <i>ChemistrySelect</i> , 2016, 1, 2849-2856.	0.7	9
4295	<i>Sasa veitchii</i> extract suppresses carbon tetrachloride-induced hepato- and nephrotoxicity in mice. <i>Environmental Health and Preventive Medicine</i> , 2016, 21, 554-562.	1.4	19
4296	Nrf2 mediates redox adaptations to exercise. <i>Redox Biology</i> , 2016, 10, 191-199.	3.9	191
4297	Action mechanism and cardiovascular effect of anthocyanins: a systematic review of animal and human studies. <i>Journal of Translational Medicine</i> , 2016, 14, 315.	1.8	168
4298	Intracellular ROS scavenging and antioxidant enzyme regulating capacities of corn gluten meal-derived antioxidant peptides in HepG2 cells. <i>Food Research International</i> , 2016, 90, 33-41.	2.9	153
4299	Protective effects of dieckol on N-nitrosodiethylamine induced hepatocarcinogenesis in rats. <i>Biomedicine and Pharmacotherapy</i> , 2016, 84, 1810-1819.	2.5	35
4300	Carvacrol attenuates acute kidney injury induced by cisplatin through suppression of ERK and PI3K/Akt activation. <i>Food and Chemical Toxicology</i> , 2016, 98, 251-261.	1.8	66
4301	Effects of Ru(CO) ₃ Cl-glycinate on the developmental toxicities induced by X-ray and carbon-ion irradiation in zebrafish embryos. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2016, 793-794, 41-50.	0.4	4
4302	Target-guided isolation of polar antioxidants from <i>Abelmoschus esculentus</i> (L). Moench by high-speed counter-current chromatography method coupled with wavelength switching and extrusion elution mode. <i>Journal of Separation Science</i> , 2016, 39, 3983-3989.	1.3	6
4303	Quercetin and Its Role in Chronic Diseases. <i>Advances in Experimental Medicine and Biology</i> , 2016, 929, 377-387.	0.8	45
4304	Catechins and Its Role in Chronic Diseases. <i>Advances in Experimental Medicine and Biology</i> , 2016, 929, 67-90.	0.8	30
4305	Novel Strategies to Prevent, Mitigate or Reverse Radiation Injury and Fibrosis. , 2016, , 75-108.		1
4306	Cocoa polyphenols in oxidative stress: Potential health implications. <i>Journal of Functional Foods</i> , 2016, 27, 570-588.	1.6	53
4307	Cytotoxic activity of <i>Androctonus australis</i> hector venom and its toxic fractions on human lung cancer cell line. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2016, 22, 29.	0.8	19

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4308	Tailoring Molecular Permeability of Nanochannel-Micelle Membranes for Electrochemical Analysis of Antioxidants in Fruit Juices without Sample Treatment. <i>Analytical Chemistry</i> , 2016, 88, 11001-11006.	3.2	45
4309	A mitochondria-targeted near-infrared probe for colorimetric and ratiometric fluorescence detection of hypochlorite in living cells. <i>RSC Advances</i> , 2016, 6, 107525-107532.	1.7	38
4310	Pretreatment of MQA, a caffeoylquinic acid derivative compound, protects against H ₂ O ₂ -induced oxidative stress in SH-SY5Y cells. <i>Neurological Research</i> , 2016, 38, 1079-1087.	0.6	26
4311	Synergistic combinatorial antihyperlipidemic study of selected natural antioxidants; modulatory effects on lipid profile and endogenous antioxidants. <i>Lipids in Health and Disease</i> , 2016, 15, 151.	1.2	17
4312	Role of vitamin D3 combined to alginates in preventing acid and oxidative injury in cultured gastric epithelial cells. <i>BMC Gastroenterology</i> , 2016, 16, 127.	0.8	16
4313	Vitamin C pretreatment protects from nickel-induced acute nephrotoxicity in mice. <i>Arhiv Za Higijenu Rada I Toksikologiju</i> , 2016, 67, 210-215.	0.4	11
4314	Role of the Immune System in Hepatocellular Carcinoma: Implications for Existing and Novel Therapies. , 2016, , 199-210.		0
4315	Time-resolved dual RNA-seq reveals extensive rewiring of lung epithelial and pneumococcal transcriptomes during early infection. <i>Genome Biology</i> , 2016, 17, 198.	3.8	110
4316	Amelioration of oxidative and inflammatory changes by <i>Swertia chirayita</i> leaves in experimental arthritis. <i>Inflammopharmacology</i> , 2016, 24, 363-375.	1.9	27
4317	Tetrandrine protects against oxygen-glucose-serum deprivation/reoxygenation-induced injury via PI3K/AKT/NF- κ B signaling pathway in rat spinal cord astrocytes. <i>Biomedicine and Pharmacotherapy</i> , 2016, 84, 925-930.	2.5	35
4318	Characterization of Microwave Extracted Essential Oil from <i>Taxus cuspidata</i> Stem and Determination of Its Phenolic Content, Antioxidant and Free Radical Scavenging Activities. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2016, 19, 1051-1065.	0.7	2
4319	Drug Discovery from Mother Nature. <i>Advances in Experimental Medicine and Biology</i> , 2016, , .	0.8	8
4320	Analyses of oxidative stress biomarkers in Mucopolysaccharidosis VI compared with Mucopolysaccharidosis I and healthy controls. <i>Gene Reports</i> , 2016, 5, 130-133.	0.4	1
4321	Effects of gallic acid on delta α aminolevulinic dehydratase activity and in the biochemical, histological and oxidative stress parameters in the liver and kidney of diabetic rats. <i>Biomedicine and Pharmacotherapy</i> , 2016, 84, 1291-1299.	2.5	33
4322	Angiotensin- κ Converting Enzyme Inhibitory Activities and <i>In Vivo</i> Antihypertensive Effects of Sardine Protein Hydrolysate. <i>Journal of Food Science</i> , 2016, 81, H2831-H2840.	1.5	20
4323	NONSULFATED SULFAKININ CHANGES METABOLIC PARAMETERS OF INSECT FAT BODY MITOCHONDRIA. <i>Archives of Insect Biochemistry and Physiology</i> , 2016, 93, 177-189.	0.6	7
4324	Antioxidant Status and DNA Damage in Children with Attention Deficit Hyperactivity Disorder with or without Comorbid Disruptive Behavioral Disorders. <i>Journal of Microbiology and Biotechnology</i> , 2016, 26, 119-125.	0.9	5
4325	Lipopolysaccharide-induced cytokine expression pattern in peripheral blood mononuclear cells in childhood obesity. <i>Molecular Medicine Reports</i> , 2016, 14, 5281-5287.	1.1	6

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4326	Effective tumour necrosis factor-blocking therapy reduces reactive oxygen metabolite level in rheumatoid arthritis. <i>Journal of International Medical Research</i> , 2016, 44, 28-32.	0.4	5
4327	The effects of crocin (active constituent of saffron) treatment on brain antioxidant enzyme mRNA levels in diabetic rats / Diyabetik ratlarda safran'ın aktif iÅeriÅyi olan krosin tedavisinin beyindeki antioksidan enzimlerin mRNA seviyeleri Åzerine etkisi. <i>Turkish Journal of Biochemistry</i> , 2016, 41, 112-117.	0.3	5
4328	Can Oxidative Stress Parameters Be Used as Biomarkers for the Discrimination of Malignant Head and Neck Tumors. <i>Journal of Craniofacial Surgery</i> , 2016, 27, e316-e320.	0.3	2
4329	Dietary supplementation with a high dose of daidzein enhances the antioxidant capacity in swine muscle but experts pro-oxidant function in liver and fat tissues. <i>Journal of Animal Science and Biotechnology</i> , 2016, 7, 43.	2.1	20
4330	Neonatal Brain Hemorrhage: The Role of NonProtein-Bound Iron. <i>Journal of Pediatric Biochemistry</i> , 2016, 06, 88-91.	0.2	1
4331	A common theme in extracellular fluids of beetles: extracellular superoxide dismutases crucial for balancing ROS in response to microbial challenge. <i>Scientific Reports</i> , 2016, 6, 24082.	1.6	17
4332	Bactericidal and antioxidant properties of essential oils from the fruits <i>Dennettia tripetala</i> G. Baker. <i>BMC Complementary and Alternative Medicine</i> , 2016, 16, 486.	3.7	18
4333	Protective Effects of Pituitary Adenylate Cyclase-Activating Polypeptide (PACAP) Against Oxidative Stress in Zebrafish Hair Cells. <i>Neurotoxicity Research</i> , 2016, 30, 633-647.	1.3	15
4335	Modulation of cellular redox homeostasis by the endocannabinoid system. <i>Open Biology</i> , 2016, 6, 150276.	1.5	63
4336	Oxidative stress response of the aquatic macrophyte <i>Hydrilla verticillata</i> exposed to TiO ₂ nanoparticles. <i>Environmental Toxicology and Chemistry</i> , 2016, 35, 2859-2866.	2.2	45
4337	Research advances on potential neurotoxicity of quantum dots. <i>Journal of Applied Toxicology</i> , 2016, 36, 345-351.	1.4	42
4338	Evaluation of prolidase activity and oxidative stress in patients with oral lichen planus and oral lichenoid contact reactions. <i>Journal of Oral Pathology and Medicine</i> , 2016, 45, 281-288.	1.4	25
4339	Melatonin reduces endoplasmic reticulum stress and autophagy in liver of leptin-deficient mice. <i>Journal of Pineal Research</i> , 2016, 61, 108-123.	3.4	50
4340	GC-MS profile of antimicrobial and antioxidant fractions from <i>Cordia rothii</i> roots. <i>Pharmaceutical Biology</i> , 2016, 54, 2597-2605.	1.3	17
4341	Deep sea water improves exercise and inhibits oxidative stress in a physical fatigue mouse model. <i>Biomedical Reports</i> , 2016, 4, 751-757.	0.9	11
4342	Cytotoxicity and autophagy dysfunction induced by different sizes of silica particles in human bronchial epithelial BEAS-2B cells. <i>Toxicology Research</i> , 2016, 5, 1216-1228.	0.9	30
4343	Neuroprotective effects of the ethanol stem bark extracts of <i>Terminalia ivorensis</i> in ketamine-induced schizophrenia-like behaviors and oxidative damage in mice. <i>Pharmaceutical Biology</i> , 2016, 54, 2871-2879.	1.3	30
4344	Upstream Pathways Controlling Mitochondrial Function in Major Psychosis. <i>Canadian Journal of Psychiatry</i> , 2016, 61, 446-456.	0.9	24

#	ARTICLE	IF	CITATIONS
4345	Amomum cardamomum L. ethyl acetate fraction protects against carbon tetrachloride-induced liver injury via an antioxidant mechanism in rats. <i>BMC Complementary and Alternative Medicine</i> , 2016, 16, 155.	3.7	19
4346	Development of Singlet Oxygen Absorption Capacity (SOAC) Assay Method Using a Microplate Reader. <i>Journal of AOAC INTERNATIONAL</i> , 2016, 99, 193-197.	0.7	11
4347	Anguillicola crassus impairs the silvering-related enhancements of the ROS defense capacity in swimbladder tissue of the European eel (<i>Anguilla anguilla</i>). <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2016, 186, 867-877.	0.7	16
4348	Do cinnamylideneacetophenones have antioxidant properties and a protective effect toward the oxidation of phosphatidylcholines?. <i>European Journal of Medicinal Chemistry</i> , 2016, 121, 331-337.	2.6	6
4349	Antioxidant and hepatoprotective activities of intracellular polysaccharide from <i>Pleurotus eryngii</i> SI-04. <i>International Journal of Biological Macromolecules</i> , 2016, 91, 568-577.	3.6	63
4350	Neural stem cells injured by oxidative stress can be rejuvenated by CV1001, a novel peptide, through scavenging free radicals and enhancing survival signals. <i>NeuroToxicology</i> , 2016, 55, 131-141.	1.4	34
4351	Antioxidative activities of 62 wild mushrooms from Nepal and the phenolic profile of some selected species. <i>Journal of Natural Medicines</i> , 2016, 70, 769-779.	1.1	16
4352	Deficiency of the zinc finger protein ZFP106 causes motor and sensory neurodegeneration. <i>Human Molecular Genetics</i> , 2016, 25, 291-307.	1.4	19
4353	Enhancement of curcumin water dispersibility and antioxidant activity using core-shell protein-polysaccharide nanoparticles. <i>Food Research International</i> , 2016, 87, 1-9.	2.9	161
4354	Molecular and cellular bases of iron metabolism in humans. <i>Biochemistry (Moscow)</i> , 2016, 81, 549-564.	0.7	52
4355	Synthesis of β -phthalimido-alcohols via regioselective ring opening of epoxide by using reusable basic magnetic nano particles and their biological investigation. <i>RSC Advances</i> , 2016, 6, 62460-62466.	1.7	10
4356	Phytochemical profiles and cellular antioxidant activity of <i>Malus doumeri</i> (bois) chevalier on 2,2-azobis (2-amidinopropane) dihydrochloride (ABAP)-induced oxidative stress. <i>Journal of Functional Foods</i> , 2016, 25, 242-256.	1.6	23
4357	Living ROMP Syntheses and Redox Properties of Triblock Metalloco-polymer Redox Cascades. <i>Macromolecules</i> , 2016, 49, 4763-4773.	2.2	28
4358	Heavy metals bound to fine particulate matter from northern China induce season-dependent health risks: A study based on myocardial toxicity. <i>Environmental Pollution</i> , 2016, 216, 380-390.	3.7	116
4359	Blackberry subjected to in vitro gastrointestinal digestion affords protection against Ethyl Carbamate-induced cytotoxicity. <i>Food Chemistry</i> , 2016, 212, 620-627.	4.2	57
4360	<i>Ulex europaeus</i> : from noxious weed to source of valuable isoflavones and flavanones. <i>Industrial Crops and Products</i> , 2016, 90, 9-27.	2.5	25
4361	High oxidative stress adversely affects NF- κ B mediated induction of inducible nitric oxide synthase in human neutrophils: Implications in chronic myeloid leukemia. <i>Nitric Oxide - Biology and Chemistry</i> , 2016, 58, 28-41.	1.2	27
4362	Designed synthesis of multi-functional PEGylated $\text{Yb}_2\text{O}_3\text{:Gd@SiO}_2\text{:CeO}_2$ islands core-shell nanostructure. <i>Dalton Transactions</i> , 2016, 45, 11522-11527.	1.6	5

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4363	Inhibitory mechanism against oxidative stress of caffeic acid. <i>Journal of Food and Drug Analysis</i> , 2016, 24, 695-702.	0.9	118
4364	Reactive oxygen species (ROS) production triggered by prostaglandin D2 (PGD2) regulates lactate dehydrogenase (LDH) expression/activity in TM4 Sertoli cells. <i>Molecular and Cellular Endocrinology</i> , 2016, 434, 154-165.	1.6	37
4365	Partial contribution of mitochondrial permeability transition to t-butyl hydroperoxide-induced cell death. <i>Biochemistry and Biophysics Reports</i> , 2016, 7, 33-38.	0.7	2
4366	In vivo antioxidative effects of l-theanine in the presence or absence of <i>Escherichia coli</i> -induced oxidative stress. <i>Journal of Functional Foods</i> , 2016, 24, 527-536.	1.6	18
4367	Ethanol exposure represses osteogenesis in the developing chick embryo. <i>Reproductive Toxicology</i> , 2016, 62, 53-61.	1.3	9
4368	Sorghum stem extract modulates Na ⁺ /K ⁺ -ATPase, ecto-5'-nucleotidase, and acetylcholinesterase activities. <i>Comparative Clinical Pathology</i> , 2016, 25, 749-756.	0.3	18
4369	Mechanism and superoxide scavenging activity of hydroxy substituted tetraphenylporphyrins via coulometric approach. <i>Journal of Electroanalytical Chemistry</i> , 2016, 772, 80-88.	1.9	14
4370	Erythrocyte senescence and membrane transporters in young and old rats. <i>Archives of Physiology and Biochemistry</i> , 2016, 122, 228-234.	1.0	21
4371	Quantitative proteomics analysis of the liver reveals immune regulation and lipid metabolism dysregulation in a mouse model of depression. <i>Behavioural Brain Research</i> , 2016, 311, 330-339.	1.2	45
4372	Lack of p47phox in Akita Diabetic Mice Is Associated with Interstitial Pneumonia, Fibrosis, and Oral Inflammation. <i>American Journal of Pathology</i> , 2016, 186, 659-670.	1.9	6
4373	Pathogenetics. An introductory review. <i>Egyptian Journal of Medical Human Genetics</i> , 2016, 17, 1-23.	0.5	3
4374	Delivery of LLKKK18 loaded into self-assembling hyaluronic acid nanogel for tuberculosis treatment. <i>Journal of Controlled Release</i> , 2016, 235, 112-124.	4.8	80
4375	Proposed formation mechanism and active species of hydrogen molecules generated from a novel magnesium citric acid hydroxypropyl cellulose coating (MgCC) material. <i>Journal of Molecular Structure</i> , 2016, 1106, 468-478.	1.8	1
4376	A pqr2 mutant encodes a defective polyamine transporter and is negatively affected by ABA for paraquat resistance in <i>Arabidopsis thaliana</i> . <i>Journal of Plant Research</i> , 2016, 129, 899-907.	1.2	18
4377	Ameliorated effects of <i>Lactobacillus delbrueckii</i> subsp. <i>lactis</i> DSM 20076 and <i>Pediococcus acidilactici</i> NNRL B-5627 on Fumonisin B1-induced Hepatotoxicity and Nephrotoxicity in rats. <i>Asian Journal of Pharmaceutical Sciences</i> , 2016, 11, 326-336.	4.3	14
4378	Electrochemistry in bicontinuous microemulsions based on control of dynamic solution structures on electrode surfaces. <i>Current Opinion in Colloid and Interface Science</i> , 2016, 25, 13-26.	3.4	25
4379	Vitamin C enhances the analgesic effect of gabapentin on rats with neuropathic pain. <i>Life Sciences</i> , 2016, 157, 25-31.	2.0	19
4380	Microbial transformation of Pseudoprotodioscin by <i>Chaetomium olivaceum</i> . <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2016, 130, 88-95.	1.8	12

#	ARTICLE	IF	CITATIONS
4381	GPER1 mediates estrogen-induced neuroprotection against oxygen-glucose deprivation in the primary hippocampal neurons. <i>Neuroscience</i> , 2016, 328, 117-126.	1.1	29
4382	Distribution of superoxide dismutase 1 and glutathione peroxidase 1 in the cyclic canine endometrium. <i>Theriogenology</i> , 2016, 86, 738-748.	0.9	9
4383	Bio-conjugation of antioxidant peptide on surface-modified gold nanoparticles: a novel approach to enhance the radical scavenging property in cancer cell. <i>Cancer Nanotechnology</i> , 2016, 7, 1.	1.9	35
4384	Pyrrrolidine dithiocarbamate activates the Nrf2 pathway in astrocytes. <i>Journal of Neuroinflammation</i> , 2016, 13, 49.	3.1	38
4385	MnSOD and GPx1 polymorphism relationship with coronary heart disease risk and severity. <i>Biological Research</i> , 2016, 49, 22.	1.5	39
4386	Discovery of lipoic acid-4-phenyl-1H-pyrazole hybrids as novel bifunctional ROCK inhibitors with antioxidant activity. <i>RSC Advances</i> , 2016, 6, 58516-58520.	1.7	6
4387	Evaluation of cardioprotective activity of <i>Lepidium sativum</i> seed powder in albino rats treated with 5-fluorouracil. <i>Beni-Suef University Journal of Basic and Applied Sciences</i> , 2016, 5, 208-215.	0.8	16
4388	Plasma fluorescent oxidation products and risk of estrogen receptor-negative breast cancer in the Nurses' Health Study and Nurses' Health Study II. <i>Breast Cancer Research and Treatment</i> , 2016, 158, 149-155.	1.1	2
4389	Antioxidant activities and liquid chromatography with electrospray ionization tandem mass spectrometry characterization and quantification of the polyphenolic contents of <i>Rumex nervosus</i> Vahl leaves and stems. <i>Journal of Separation Science</i> , 2016, 39, 1433-1441.	1.3	16
4390	Quercetin, a polyphenolic phytochemical prevents sodium azide-induced extra-hepatic oxidative stress in rats. <i>Cogent Biology</i> , 2016, 2, 1200798.	1.7	13
4391	Reversible Fluorescent Probes for Biological Redox States. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 1602-1613.	7.2	121
4392	Mechanism of Oxidative Stress and Synapse Dysfunction in the Pathogenesis of Alzheimer's Disease: Understanding the Therapeutics Strategies. <i>Molecular Neurobiology</i> , 2016, 53, 648-661.	1.9	352
4393	Strategy to Suppress Oxidative Damage-Induced Neurotoxicity in PC12 Cells by Curcumin: the Role of ROS-Mediated DNA Damage and the MAPK and AKT Pathways. <i>Molecular Neurobiology</i> , 2016, 53, 369-378.	1.9	70
4394	Lipoic acid attenuates A β -induced hepatotoxicity in adult rats. <i>Environmental Toxicology</i> , 2016, 31, 913-922.	2.1	3
4395	Effects of dietary vitamin K levels on growth performance, enzyme activities and antioxidant status in the hepatopancreas and intestine of juvenile Jian carp (<i>Cyprinus carpio</i> var. Jian). <i>Aquaculture Nutrition</i> , 2016, 22, 352-366.	1.1	20
4396	Evaluation of oxidative DNA damage in blood lymphocytes during the transition period in dairy cows. <i>Journal of Applied Animal Research</i> , 2016, 44, 323-325.	0.4	2
4397	Protective effect of 17 β -estradiol on serum deprivation-induced apoptosis and oxidative stress in bone marrow-derived mesenchymal stem cells. <i>Human and Experimental Toxicology</i> , 2016, 35, 312-322.	1.1	10
4398	Propensity of crocin to offset <i>Vipera russelli</i> venom induced oxidative stress mediated neutrophil apoptosis: a biochemical insight. <i>Cytotechnology</i> , 2016, 68, 73-85.	0.7	10

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4399	A PGC-1 β -Mediated Transcriptional Network Maintains Mitochondrial Redox and Bioenergetic Homeostasis against Doxorubicin-Induced Toxicity in Human Cardiomyocytes: Implementation of TT21C. <i>Toxicological Sciences</i> , 2016, 150, 400-417.	1.4	37
4400	Epigenetic Upregulation of Metallothionein 2A by Diallyl Trisulfide Enhances Chemosensitivity of Human Gastric Cancer Cells to Docetaxel Through Attenuating NF- κ B Activation. <i>Antioxidants and Redox Signaling</i> , 2016, 24, 839-854.	2.5	53
4401	Protective Effect of <i>Zingiber Officinale</i> against CCl ₄ -Induced Liver Fibrosis Is Mediated through Downregulating the TGF- β 1/Smad3 and NF- κ B Pathways. <i>Pharmacology</i> , 2016, 97, 1-9.	0.9	20
4402	Genetic Instability in Lymphocytes is Associated With Blood Plasma Antioxidant Levels in Health Care Workers Occupationally Exposed to Ionizing Radiation. <i>International Journal of Toxicology</i> , 2016, 35, 327-335.	0.6	20
4403	Synthesis of minoxidil conjugates and their evaluation as HL-60 differentiation agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 1145-1150.	1.0	7
4404	Benefits and risks associated with consumption of Great Lakes fish containing omega-3 fatty acids and polychlorinated biphenyls (PCBs). <i>Journal of Environmental Sciences</i> , 2016, 41, 1-5.	3.2	14
4405	Trace elements are associated with urinary 8-hydroxy-2'-deoxyguanosine level: a case study of college students in Guangzhou, China. <i>Environmental Science and Pollution Research</i> , 2016, 23, 8484-8491.	2.7	39
4406	NADPH Oxidase 1 Activity and ROS Generation Are Regulated by Grb2/Cbl-Mediated Proteasomal Degradation of NoxO1 in Colon Cancer Cells. <i>Cancer Research</i> , 2016, 76, 855-865.	0.4	42
4407	Oxidative burden of fine particulate air pollution and risk of cause-specific mortality in the Canadian Census Health and Environment Cohort (CanCHEC). <i>Environmental Research</i> , 2016, 146, 92-99.	3.7	89
4408	Nutritional strategies to optimize dairy cattle immunity. <i>Journal of Dairy Science</i> , 2016, 99, 4967-4982.	1.4	196
4409	Target disruption of ribosomal protein pNO40 accelerates aging and impairs osteogenic differentiation of mesenchymal stem cells. <i>Biochemical and Biophysical Research Communications</i> , 2016, 469, 903-910.	1.0	6
4410	DNA damage and antioxidants in treatment naïve children with obsessive-compulsive disorder. <i>Psychiatry Research</i> , 2016, 237, 133-137.	1.7	9
4411	Elevated glucose and oligomeric β -amyloid disrupt synapses via a common pathway of aberrant protein S-nitrosylation. <i>Nature Communications</i> , 2016, 7, 10242.	5.8	99
4412	Phosphorus, and nitrogen co-doped carbon dots as a fluorescent probe for real-time measurement of reactive oxygen and nitrogen species inside macrophages. <i>Biosensors and Bioelectronics</i> , 2016, 79, 822-828.	5.3	102
4413	NUDT15 R139C-related thiopurine leukocytopenia is mediated by 6-thioguanine nucleotide-independent mechanism in Japanese patients with inflammatory bowel disease. <i>Journal of Gastroenterology</i> , 2016, 51, 22-29.	2.3	82
4414	Decreased reactive oxygen species production and NOX1, NOX2, NOX4 expressions contribute to hyporeactivity to phenylephrine in aortas of pregnant SHR. <i>Life Sciences</i> , 2016, 144, 178-184.	2.0	15
4415	Enhancing the therapeutic effects of polyphenols with macromolecules. <i>Polymer Chemistry</i> , 2016, 7, 1529-1544.	1.9	120
4416	Redox homeostasis, T cells and kidney diseases: three faces in the dark. <i>CKJ: Clinical Kidney Journal</i> , 2016, 9, 1-10.	1.4	11

#	ARTICLE	IF	CITATIONS
4417	Red Raspberries and Their Bioactive Polyphenols: Cardiometabolic and Neuronal Health Links. <i>Advances in Nutrition</i> , 2016, 7, 44-65.	2.9	141
4418	<i>Mallotus roxburghianus</i> modulates antioxidant responses in pancreas of diabetic rats. <i>Acta Histochemica</i> , 2016, 118, 152-163.	0.9	8
4419	The influence of common free radicals and antioxidants on development of Alzheimer's Disease. <i>Biomedicine and Pharmacotherapy</i> , 2016, 78, 39-49.	2.5	133
4420	Fouling on ion-exchange membranes: Classification, characterization and strategies of prevention and control. <i>Advances in Colloid and Interface Science</i> , 2016, 229, 34-56.	7.0	296
4421	Aggregated-induced emission phenothiazine probe for selective ratiometric response of hypochlorite over other reactive oxygen species. <i>Dyes and Pigments</i> , 2016, 128, 54-59.	2.0	36
4422	Neuroprotective effects of polygalacic acid on scopolamine-induced memory deficits in mice. <i>Phytomedicine</i> , 2016, 23, 149-155.	2.3	52
4423	Effects of curcumin on methyl methanesulfonate damage to mouse kidney. <i>Biotechnic and Histochemistry</i> , 2016, 91, 122-127.	0.7	4
4424	Studies on oxidants and antioxidants with a brief glance at their relevance to the immune system. <i>Life Sciences</i> , 2016, 146, 163-173.	2.0	178
4425	Photoexcited quantum dots for killing multidrug-resistant bacteria. <i>Nature Materials</i> , 2016, 15, 529-534.	13.3	231
4426	Comparative Neuroregenerative Effects of C-Phycocyanin and IFN-Beta in a Model of Multiple Sclerosis in Mice. <i>Journal of NeuroImmune Pharmacology</i> , 2016, 11, 153-167.	2.1	22
4427	Bioengineering Applications of Carbon Nanostructures. <i>Nanomedicine and Nanotoxicology</i> , 2016, , .	0.1	5
4428	Contaminant-induced oxidative stress in fish: a mechanistic approach. <i>Fish Physiology and Biochemistry</i> , 2016, 42, 711-747.	0.9	226
4429	Maternal obesity and malnourishment exacerbate perinatal oxidative stress resulting in diabetogenic programming in F1 offspring. <i>Journal of Endocrinological Investigation</i> , 2016, 39, 643-655.	1.8	18
4430	Inflammaging and cardiovascular disease: Management by medicinal plants. <i>Phytomedicine</i> , 2016, 23, 1119-1126.	2.3	61
4431	8-Hydroxy-2-Deoxyguanosine Levels and Cardiovascular Disease: A Systematic Review and Meta-Analysis of the Literature. <i>Antioxidants and Redox Signaling</i> , 2016, 24, 548-555.	2.5	125
4432	In Vivo antioxidant activity of phenolic compounds: Facts and gaps. <i>Trends in Food Science and Technology</i> , 2016, 48, 1-12.	7.8	214
4433	Fullerene-Derivatives as Therapeutic Agents in Respiratory System and Neurodegenerative Disorders. <i>Nanomedicine and Nanotoxicology</i> , 2016, , 71-84.	0.1	3
4434	Expression, subcellular localization, and enzyme activity of a recombinant human extra-cellular superoxide dismutase in tobacco (<i>Nicotiana benthamiana</i> L.). <i>Protein Expression and Purification</i> , 2016, 119, 69-74.	0.6	7

#	ARTICLE	IF	CITATIONS
4435	Coumarins from the roots of <i>Angelica dahurica</i> with antioxidant and antiproliferative activities. <i>Journal of Functional Foods</i> , 2016, 20, 453-462.	1.6	72
4436	Anti-apoptotic and cytoprotective effect of <i>Enicostemma littorale</i> against oxidative stress in Islets of Langerhans. <i>Pharmaceutical Biology</i> , 2016, 54, 2061-2072.	1.3	7
4437	Chrysin-piperazine conjugates as antioxidant and anticancer agents. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 88, 166-177.	1.9	36
4438	Pharmacological targeting of redox regulation systems as new therapeutic approach for psychiatric disorders: A literature overview. <i>Pharmacological Research</i> , 2016, 107, 195-204.	3.1	26
4439	Linking sub-cellular biomarkers to embryo aberrations in the benthic amphipod <i>Monoporeia affinis</i> . <i>Aquatic Toxicology</i> , 2016, 173, 36-42.	1.9	8
4440	Chemical composition, antioxidant and anticholinesterase potentials of essential oil of <i>Rumex hastatus</i> D. Don collected from the North West of Pakistan. <i>BMC Complementary and Alternative Medicine</i> , 2016, 16, 29.	3.7	78
4441	Oxidative Stress, DNA, Cell Cycle/Cell Cycle Associated Proteins and Multidrug Resistance Proteins: Targets of Human Amniotic Membrane in Hepatocellular Carcinoma. <i>Pathology and Oncology Research</i> , 2016, 22, 689-697.	0.9	17
4442	Mercury exposure and a shift toward oxidative stress in avid seafood consumers. <i>Environmental Research</i> , 2016, 146, 100-107.	3.7	17
4443	Early-life stress and reproductive cost: A two-hit developmental model of accelerated aging?. <i>Medical Hypotheses</i> , 2016, 90, 41-47.	0.8	52
4444	Effect of Omega-3 and Vitamins E + C Supplements on the Concentration of Serum B-Vitamins and Plasma Redox Amino Thiol Antioxidant Status in Elderly Men after Strength Training for Three Months. <i>Annals of Nutrition and Metabolism</i> , 2016, 68, 145-155.	1.0	6
4445	Catalytic radical reduction in aqueous solution via oxidation of biologically-relevant alcohols. <i>Chemical Science</i> , 2016, 7, 4052-4058.	3.7	6
4446	Increased oxidative stress in pemphigus vulgaris is related to disease activity and HLA-association. <i>Autoimmunity</i> , 2016, 49, 248-257.	1.2	21
4447	Mechanisms of Nanoparticle Toxicity. , 2016, , 295-341.		5
4448	Oxidative Stress and Excitotoxicity. , 2016, , 401-413.		5
4449	Silica matrix encapsulation as a strategy to control ROS production while preserving photoreactivity in nano-TiO ₂ . <i>Environmental Science: Nano</i> , 2016, 3, 602-610.	2.2	23
4450	Relationship between total phenolic contents and biological properties of propolis from 20 different regions in South Korea. <i>BMC Complementary and Alternative Medicine</i> , 2016, 16, 65.	3.7	51
4451	Mitochondrial reactive oxygen species: Do they extend or shorten animal lifespan?. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2016, 1857, 1116-1126.	0.5	84
4452	Hydrophilic CeO ₂ nanocubes protect pancreatic β -cell line INS-1 from H ₂ O ₂ -induced oxidative stress. <i>Nanoscale</i> , 2016, 8, 7923-7932.	2.8	32

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4453	Phenolic Composition and Evaluation of Methanol and Aqueous Extracts of Bitter Gourd (<i>Momordica charantia</i> L) Leaves on Angiotensin-I-Converting Enzyme and Some Pro-oxidant-Induced Lipid Peroxidation In Vitro. <i>Journal of Evidence-Based Complementary & Alternative Medicine</i> , 2016, 21, NP67-NP76.	1.5	30
4454	Oxidative stress, type 2 diabetes and vitamin D: past, present and future. <i>Diabetes/Metabolism Research and Reviews</i> , 2016, 32, 260-267.	1.7	65
4455	Reversible and Dynamic Fluorescence Imaging of Cellular Redox Self-Regulation Using Fast-Responsive Near-Infrared Ge-Pyronines. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 8991-8997.	4.0	41
4456	Vitamin E, β -tocotrienol, Protects Against Buthionine Sulfoximine-Induced Cell Death by Scavenging Free Radicals in SH-SY5Y Neuroblastoma Cells. <i>Nutrition and Cancer</i> , 2016, 68, 507-517.	0.9	5
4457	Chromatographic Fingerprint Analysis, Acetylcholinesterase Inhibitory Properties and Antioxidant Activities of Redflower Ragleaf (<i>Cassia rasocephalum</i> Crepidioides) Extract. <i>Journal of Food Biochemistry</i> , 2016, 40, 109-119.	1.2	19
4458	Antioxidant and hepatoprotective effects of <i>Ajuga nipponensis</i> extract by ultrasonic-assisted extraction. <i>Asian Pacific Journal of Tropical Medicine</i> , 2016, 9, 420-425.	0.4	12
4459	The cysteine releasing pattern of some antioxidant thiazolidine-4-carboxylic acids. <i>European Journal of Medicinal Chemistry</i> , 2016, 114, 337-344.	2.6	18
4460	Spermine: new insights into the intestinal development and serum antioxidant status of suckling piglets. <i>RSC Advances</i> , 2016, 6, 31323-31335.	1.7	29
4461	Effects of epicatechin gallate (ECG) on fetal bovine serum (FBS)-induced steatosis in human liver cell line L02 and 2,2'-azobis (2-amidinopropane) (AAPH)-induced oxidative stress in human erythrocytes. <i>European Food Research and Technology</i> , 2016, 242, 495-504.	1.6	4
4462	Anti-inflammatory, analgesic and antioxidant activities of 3,4-oxo-isopropylidene-shikimic acid. <i>Pharmaceutical Biology</i> , 2016, 54, 2282-2287.	1.3	25
4463	Radical damage in lipids investigated with the fragment molecular orbital method. <i>Chemical Physics Letters</i> , 2016, 651, 56-61.	1.2	8
4464	LPS alters pattern of sickness behavior but does not affect glutathione level in aged male rats. <i>Biogerontology</i> , 2016, 17, 715-723.	2.0	5
4465	Effects of aging on the male reproductive system. <i>Journal of Assisted Reproduction and Genetics</i> , 2016, 33, 441-454.	1.2	154
4466	Virgin Olive Oil Enriched with Its Own Phenols or Complemented with Thyme Phenols Improves DNA Protection against Oxidation and Antioxidant Enzyme Activity in Hyperlipidemic Subjects. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 1879-1888.	2.4	18
4467	Oxidative Stress and Advanced Glycation End Products in Hashimoto's Thyroiditis. <i>Thyroid</i> , 2016, 26, 504-511.	2.4	74
4468	Effect of parsley (<i>Petroselinum crispum</i> , Apiaceae) juice against cadmium neurotoxicity in albino mice (<i>Mus Musculus</i>). <i>Behavioral and Brain Functions</i> , 2016, 12, 6.	1.4	40
4469	Antioxidative oxidative balance in epilepsy patients on antiepileptic therapy: a prospective case-control study. <i>Neurological Sciences</i> , 2016, 37, 763-767.	0.9	27
4470	Effect of processing on nutraceutical properties of foxtail millet (<i>Setaria italica</i>) varieties grown in India. <i>Journal of Food Measurement and Characterization</i> , 2016, 10, 16-23.	1.6	6

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4471	Anthocyanin-rich phenolic extracts of purple root vegetables inhibit pro-inflammatory cytokines induced by H ₂ O ₂ and enhance antioxidant enzyme activities in Caco-2 cells. <i>Journal of Functional Foods</i> , 2016, 22, 363-375.	1.6	55
4472	Peroxynitrite is Involved in the Apoptotic Death of Cultured Cerebellar Granule Neurons Induced by Staurosporine, but not by Potassium Deprivation. <i>Neurochemical Research</i> , 2016, 41, 316-327.	1.6	5
4473	Influence of extraction parameters on physico-chemical characters and antioxidant activity of water soluble polysaccharides from <i>Macrocybe gigantea</i> (Masse) Pegler & Lodge. <i>Journal of Food Science and Technology</i> , 2016, 53, 1878-1888.	1.4	27
4474	Astaxanthin. , 2016, , 531-539.		12
4475	Altered Kv2.1 functioning promotes increased excitability in hippocampal neurons of an Alzheimer's disease mouse model. <i>Cell Death and Disease</i> , 2016, 7, e2100-e2100.	2.7	75
4476	Nocturnal oxygen therapy in patients with chronic heart failure and sleep apnea: a systematic review. <i>Sleep Medicine</i> , 2016, 17, 149-157.	0.8	34
4477	Phytopharmacologic preparations as predictors of plant bioactivity: A particular approach to <i>Echinacea purpurea</i> (L.) Moench antioxidant properties. <i>Nutrition</i> , 2016, 32, 834-839.	1.1	18
4478	Intermolecular interactions and proton transfer in the hydrogen halide-superoxide anion complexes. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 6201-6208.	1.3	1
4479	Facioscapulohumeral dystrophy myoblasts efficiently repair moderate levels of oxidative DNA damage. <i>Histochemistry and Cell Biology</i> , 2016, 145, 475-483.	0.8	24
4480	Polymorphisms of glutathione S-transferase and methylenetetrahydrofolate reductase genes in Moldavian patients with ulcerative colitis: Genotype-phenotype correlation. <i>Meta Gene</i> , 2016, 7, 76-82.	0.3	20
4481	Inhibitory effect of Erinacines A on the growth of DLD-1 colorectal cancer cells is induced by generation of reactive oxygen species and activation of p70S6K and p21. <i>Journal of Functional Foods</i> , 2016, 21, 474-484.	1.6	31
4482	Synthesis, characterization, DFT calculations, and electrochemical comparison of novel iron(II) complexes with thione and selone ligands. <i>Dalton Transactions</i> , 2016, 45, 4697-4711.	1.6	37
4483	Alleviation of doxorubicin-induced hepatorenal toxicities with sesamin via the suppression of oxidative stress. <i>Human and Experimental Toxicology</i> , 2016, 35, 1183-1193.	1.1	18
4484	Thiol/disulfide homeostasis: A prognostic biomarker for patients with advanced non-small cell lung cancer?. <i>Redox Report</i> , 2016, 21, 197-203.	1.4	73
4485	Hypertension and aging. <i>Ageing Research Reviews</i> , 2016, 26, 96-111.	5.0	339
4486	Edible seaweed as future functional food: Identification of α -glucosidase inhibitors by combined use of high-resolution α -glucosidase inhibition profiling and HPLC-MS/MS-SPE-NMR. <i>Food Chemistry</i> , 2016, 203, 16-22.	4.2	77
4487	Enriched Flavonoid Fraction from <i>Cecropia pachystachya</i> TrÃ©cul Leaves Exerts Antidepressant-like Behavior and Protects Brain Against Oxidative Stress in Rats Subjected to Chronic Mild Stress. <i>Neurotoxicity Research</i> , 2016, 29, 469-483.	1.3	40
4488	The role of oxidative stress on breast cancer development and therapy. <i>Tumor Biology</i> , 2016, 37, 4281-4291.	0.8	199

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4489	Spectrophotometric assays for measuring redox biomarkers in blood. <i>Biomarkers</i> , 2016, 21, 208-217.	0.9	54
4490	Antioxidant defenses at transcriptional and enzymatic levels and gene expression of Nrf2-Keap1 signaling molecules in response to acute zinc exposure in the spleen of the large yellow croaker <i>Pseudosciaena crocea</i> . <i>Fish and Shellfish Immunology</i> , 2016, 52, 1-8.	1.6	83
4491	Potential Applications of Food Derived Bioactive Peptides in Management of Health. <i>International Journal of Peptide Research and Therapeutics</i> , 2016, 22, 377-398.	0.9	34
4492	Oxidative stress, anti-oxidants and the cross-sectional and longitudinal association with depressive symptoms: results from the CARDIA study. <i>Translational Psychiatry</i> , 2016, 6, e743-e743.	2.4	38
4493	Oxidant Mechanisms in Renal Injury and Disease. <i>Antioxidants and Redox Signaling</i> , 2016, 25, 119-146.	2.5	468
4494	Programmable flow system for automation of oxygen radical absorbance capacity assay using pyrogallol red for estimation of antioxidant reactivity. <i>Talanta</i> , 2016, 150, 599-606.	2.9	15
4495	The impact of childhood maltreatment on redox state: Relationship with oxidative damage and antioxidant defenses in adolescents with no psychiatric disorder. <i>Neuroscience Letters</i> , 2016, 617, 173-177.	1.0	23
4496	The Toxicity of Aluminum Chloride on Kidney of Rats. <i>Biological Trace Element Research</i> , 2016, 173, 339-344.	1.9	22
4497	Methyl-esterified 3-hydroxybutyrate oligomers protect bacteria from hydroxyl radicals. <i>Nature Chemical Biology</i> , 2016, 12, 332-338.	3.9	54
4498	Pro/antioxidant status in young healthy women using oral contraceptives. <i>Environmental Toxicology and Pharmacology</i> , 2016, 43, 1-6.	2.0	18
4499	Oxidative damage and the pathogenesis of menopause related disturbances and diseases. <i>Clinical Chemistry and Laboratory Medicine</i> , 2016, 54, 739-53.	1.4	64
4500	Electrodialysis in Food Processing. , 2016, , .		3
4501	Astaxanthin alleviates oxidative stress insults-related derangements in human vascular endothelial cells exposed to glucose fluctuations. <i>Life Sciences</i> , 2016, 150, 24-31.	2.0	38
4502	A novel high-throughput image based rapid Folin-Ciocalteu assay for assessment of reducing capacity in foods. <i>Talanta</i> , 2016, 152, 82-89.	2.9	21
4503	Feasibility of assessing health state by detecting redox state of human body based on Chinese medicine constitution. <i>Chinese Journal of Integrative Medicine</i> , 2016, 22, 635-640.	0.7	1
4504	Antioxidant, antimicrobial and cytotoxic potential of condensed tannins from <i>Leucaena leucocephala</i> hybrid-Rendang. <i>Food Science and Human Wellness</i> , 2016, 5, 65-75.	2.2	72
4505	Oleuropein activated AMPK and induced insulin sensitivity in C2C12 muscle cells. <i>Life Sciences</i> , 2016, 151, 167-173.	2.0	51
4506	Structural differences in diarylheptanoids analogues from <i>Alnus viridis</i> and <i>Alnus glutinosa</i> influence their activity and selectivity towards cancer cells. <i>Chemico-Biological Interactions</i> , 2016, 249, 36-45.	1.7	8

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4507	Impact of weight loss induced by gastric bypass or caloric restriction on oxidative stress and genomic damage in obese Zucker rats. <i>Free Radical Biology and Medicine</i> , 2016, 94, 208-217.	1.3	28
4508	Therapeutic Potentials of Curcumin for Alzheimer Disease. , 2016, , .		13
4509	Glucose and magnetic-responsive approach toward in situ nitric oxide bubbles controlled generation for hyperglycemia theranostics. <i>Journal of Controlled Release</i> , 2016, 228, 87-95.	4.8	56
4510	Characterization of the antioxidant fraction of <i>Trapa japonica</i> pericarp and its hepatic protective effects in vitro and in vivo. <i>Food and Function</i> , 2016, 7, 1689-1699.	2.1	6
4511	Superoxide Dismutase (SOD)-mimetic M40403 Is Protective in Cell and Fly Models of Paraquat Toxicity. <i>Journal of Biological Chemistry</i> , 2016, 291, 9257-9267.	1.6	56
4512	Antioxidant Potential and In Situ Analysis of Major and Trace Element Determination of Ood-saleeb, a Known Unani Herbal Medicine by ICP-MS. <i>Biological Trace Element Research</i> , 2016, 172, 521-527.	1.9	10
4513	Fine Particulate Matter and Emergency Room Visits for Respiratory Illness. Effect Modification by Oxidative Potential. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016, 194, 577-586.	2.5	97
4514	Effects of Curcumin on Oxidative Stress in Animal Models and Patients with Alzheimer Disease. , 2016, , 209-257.		0
4515	Carbon dots prepared from citric acid and urea as fluorescent probes for hypochlorite and peroxynitrite. <i>Mikrochimica Acta</i> , 2016, 183, 1769-1777.	2.5	114
4516	Antiproliferative potential of aqueous leaf extract of <i>Mucuna pruriens</i> on DMBA-induced breast cancer in female albino rats. <i>Egyptian Journal of Medical Human Genetics</i> , 2016, 17, 331-343.	0.5	8
4517	Nitrite attenuated peroxynitrite and hypochlorite generation in activated neutrophils. <i>European Journal of Pharmacology</i> , 2016, 775, 50-56.	1.7	17
4518	Antioxidant activities of novel galloyl phytosterols evaluated by human erythrocytes with the aid of confocal microscopy imaging. <i>Journal of Functional Foods</i> , 2016, 22, 224-231.	1.6	9
4519	Postconditioning with inhaled hydrogen promotes survival of retinal ganglion cells in a rat model of retinal ischemia/reperfusion injury. <i>Brain Research</i> , 2016, 1632, 82-90.	1.1	37
4520	Simultaneous determination of vitamins B2, B6 and C using silver-doped poly(L-arginine)-modified glassy carbon electrode. <i>Journal of Analytical Chemistry</i> , 2016, 71, 102-109.	0.4	16
4521	Absence of Dystrophin Disrupts Skeletal Muscle Signaling: Roles of Ca ²⁺ , Reactive Oxygen Species, and Nitric Oxide in the Development of Muscular Dystrophy. <i>Physiological Reviews</i> , 2016, 96, 253-305.	13.1	310
4522	Antidiabetic effect of polysaccharides from <i>Pleurotus ostreatus</i> in streptozotocin-induced diabetic rats. <i>International Journal of Biological Macromolecules</i> , 2016, 83, 126-132.	3.6	83
4523	Impact of reactive oxygen species on antioxidant capacity of male reproductive system. <i>International Journal of Immunopathology and Pharmacology</i> , 2016, 29, 421-425.	1.0	27
4524	A step-by-step protocol for assaying protein carbonylation in biological samples. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1019, 178-190.	1.2	119

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4525	Novel indole-based melatonin analogues substituted with triazole, thiazazole and carbothioamides: studies on their antioxidant, chemopreventive and cytotoxic activities. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 1312-1321.	2.5	19
4526	Phenolic compounds: Natural alternative in inflammation treatment. A Review. <i>Cogent Food and Agriculture</i> , 2016, 2, .	0.6	93
4527	Oxidative Challenge in Alzheimer's Disease: State of Knowledge and Future Needs. <i>Journal of Investigative Medicine</i> , 2016, 64, 21-32.	0.7	60
4528	Zinc acclimation mitigated high zinc induced oxidative stress by enhancing antioxidant defenses in large yellow croaker <i>Pseudosciaena crocea</i> . <i>Aquatic Toxicology</i> , 2016, 172, 21-29.	1.9	44
4529	A phosphinate-based near-infrared fluorescence probe for imaging the superoxide radical anion in vitro and in vivo. <i>Chemical Communications</i> , 2016, 52, 2679-2682.	2.2	100
4530	Modulation of the antioxidant nuclear factor (erythroid 2-derived)-like 2 pathway by antidepressants in rats. <i>Neuropharmacology</i> , 2016, 103, 79-91.	2.0	35
4531	Ultrasensitive detection of superoxide anion released from living cells using a porous Pt/Pd decorated enzymatic sensor. <i>Biosensors and Bioelectronics</i> , 2016, 79, 449-456.	5.3	49
4532	Stathmin reduction and cytoskeleton rearrangement in rat nucleus accumbens in response to clozapine and risperidone treatment – Comparative proteomic study. <i>Neuroscience</i> , 2016, 316, 63-81.	1.1	10
4533	Vascular and metabolic effects of the haem oxygenase-1 inducer haem arginate in subjects with the metabolic syndrome: A translational cross-over study. <i>Diabetes and Vascular Disease Research</i> , 2016, 13, 41-48.	0.9	6
4534	Are Polyphenols Strong Dietary Agents Against Neurotoxicity and Neurodegeneration?. <i>Neurotoxicity Research</i> , 2016, 30, 345-366.	1.3	47
4535	The medicinal potential of plants from the genus <i>Plantago</i> (Plantaginaceae). <i>Industrial Crops and Products</i> , 2016, 83, 213-226.	2.5	99
4536	Antioxidants, quinone reductase inducers and acetylcholinesterase inhibitors from <i>Spondias tuberosa</i> fruits. <i>Journal of Functional Foods</i> , 2016, 21, 396-405.	1.6	37
4537	Enhanced hypoxic tolerance by Seabuckthorn is due to upregulation of HIF-1 α and attenuation of ER stress. <i>Journal of Applied Biomedicine</i> , 2016, 14, 71-83.	0.6	7
4538	Lactic acid bacterial fermentation modified phenolic composition in tea extracts and enhanced their antioxidant activity and cellular uptake of phenolic compounds following in vitro digestion. <i>Journal of Functional Foods</i> , 2016, 20, 182-194.	1.6	62
4539	Age-dependent effects of esculetin on mood-related behavior and cognition from stressed mice are associated with restoring brain antioxidant status. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2016, 65, 1-16.	2.5	21
4540	Characterization, antioxidative and bifidogenic effects of polysaccharides from <i>Pleurotus eryngii</i> after heat treatments. <i>Food Chemistry</i> , 2016, 197, 240-249.	4.2	85
4541	Antioxidative phenolic compounds from a marine-derived fungus <i>Aspergillus versicolor</i> . <i>Tetrahedron</i> , 2016, 72, 50-57.	1.0	54
4542	Novel antioxidative nanotherapeutics in a rat periodontitis model: Reactive oxygen species scavenging by redox injectable gel suppresses alveolar bone resorption. <i>Biomaterials</i> , 2016, 76, 292-301.	5.7	71

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4543	Selective and Reversible Approaches Toward Imaging Redox Signaling Using Small-Molecule Probes. <i>Antioxidants and Redox Signaling</i> , 2016, 24, 713-730.	2.5	22
4544	Nrf2-ARE pathway: An emerging target against oxidative stress and neuroinflammation in neurodegenerative diseases. <i>Antioxidants and Redox Signaling</i> , 2016, 157, 84-104.		463
4545	Gastrointestinal digested <i>Sambucus nigra</i> L. fruit extract protects in vitro cultured human colon cells against oxidative stress. <i>Food Chemistry</i> , 2016, 197, 648-657.	4.2	55
4546	Featured Article: Oxidative stress status and liver tissue defenses in diabetic rats during intensive subcutaneous insulin therapy. <i>Experimental Biology and Medicine</i> , 2016, 241, 184-192.	1.1	18
4547	Total antioxidant and oxidant status of plasma and renal tissue of cisplatin-induced nephrotoxic rats: protection by floral extracts of <i>Calendula officinalis</i> Linn.. <i>Renal Failure</i> , 2016, 38, 142-150.	0.8	32
4548	Pivotal role of glycogen synthase kinase-3: A therapeutic target for Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , 2016, 107, 63-81.	2.6	191
4549	Cerium oxide nanoparticles reduce steatosis, portal hypertension and display anti-inflammatory properties in rats with liver fibrosis. <i>Journal of Hepatology</i> , 2016, 64, 691-698.	1.8	178
4550	In vitro spectroscopic study of piperine-encapsulated nanosize liposomes. <i>European Biophysics Journal</i> , 2016, 45, 175-186.	1.2	29
4551	Synthesis, pharmacological assessment, molecular modeling and in silico studies of fused tricyclic coumarin derivatives as a new family of multifunctional anti-Alzheimer agents. <i>European Journal of Medicinal Chemistry</i> , 2016, 107, 219-232.	2.6	63
4552	Fluorogenic nanoreactor assembly with boosted sensing kinetics for timely imaging of cellular hydrogen peroxide. <i>Chemical Communications</i> , 2016, 52, 1131-1134.	2.2	5
4553	Nutritional composition, antioxidant properties, and toxicology evaluation of the sclerotium of Tiger Milk Mushroom <i>Lignosus tigris</i> cultivar E. <i>Nutrition Research</i> , 2016, 36, 174-183.	1.3	21
4554	The $2H^+/2e^-$ free radical scavenging mechanisms of uric acid: thermodynamics of NH bond cleavage. <i>Computational and Theoretical Chemistry</i> , 2016, 1077, 2-10.	1.1	22
4555	The effect of thiamine pyrophosphate on ethambutol-induced ocular toxicity. <i>Cutaneous and Ocular Toxicology</i> , 2016, 35, 222-227.	0.5	12
4556	Redox- and non-redox-metal-induced formation of free radicals and their role in human disease. <i>Archives of Toxicology</i> , 2016, 90, 1-37.	1.9	730
4557	Oxidative Stress in Patients with X-Linked Adrenoleukodystrophy. <i>Cellular and Molecular Neurobiology</i> , 2016, 36, 497-512.	1.7	22
4558	l-carnitine as a Potential Additive in Blood Storage Solutions: A Study on Erythrocytes. <i>Indian Journal of Hematology and Blood Transfusion</i> , 2016, 32, 328-334.	0.3	6
4559	High-sensitivity programmable flow method for assessment of total antioxidant capacity in biological samples. <i>Microchemical Journal</i> , 2016, 124, 261-266.	2.3	4
4560	Redox Imbalance in the Peripheral Mechanism Underlying the Mirror-Image Neuropathic Pain Due to Chronic Compression of Dorsal Root Ganglion. <i>Neurochemical Research</i> , 2016, 41, 958-964.	1.6	10

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4561	The impaired flesh quality by iron deficiency and excess is associated with increasing oxidative damage and decreasing antioxidant capacity in the muscle of young grass carp (<i>Ctenopharyngodon</i>)	1.0	16
4562	Expression Levels of the Oxidative Stress Response Gene ALDH3A2 in Granulosa-Lutein Cells Are Related to Female Age and Infertility Diagnosis. <i>Reproductive Sciences</i> , 2016, 23, 604-609.	1.1	19
4563	Lycopene attenuates dichlorvos-induced oxidative damage and hepatotoxicity in rats. <i>Human and Experimental Toxicology</i> , 2016, 35, 654-665.	1.1	6
4564	Reactive oxygen species and energy machinery: an integrated dynamic model. <i>Journal of Biomolecular Structure and Dynamics</i> , 2016, 34, 1625-1640.	2.0	8
4565	HSP27 modulates survival signaling in endosulfan-exposed human peripheral blood mononuclear cells treated with curcumin. <i>Human and Experimental Toxicology</i> , 2016, 35, 695-704.	1.1	6
4566	Genotoxicity and gene expression modulation of silver and titanium dioxide nanoparticles in mice. <i>Nanotoxicology</i> , 2016, 10, 312-321.	1.6	65
4567	Polyphenolic extract of <i>Termitomyces heimii</i> : antioxidant activity and phytochemical constituents. <i>Journal Fur Verbraucherschutz Und Lebensmittelsicherheit</i> , 2016, 11, 25-31.	0.5	14
4568	An analytical pipeline to compare and characterise the anthocyanin antioxidant activities of purple sweet potato cultivars. <i>Food Chemistry</i> , 2016, 194, 46-54.	4.2	72
4569	Neuroprotective effect of quercetin against oxidative damage and neuronal apoptosis caused by cadmium in hippocampus. <i>Toxicology and Industrial Health</i> , 2016, 32, 541-550.	0.6	54
4570	Phytochemical Content, Antioxidant Properties, and Phenolic Profile of Tunisian Raisin Varieties (<i>Vitis Vinifera</i> L.). <i>International Journal of Food Properties</i> , 2016, 19, 578-590.	1.3	25
4571	Oxidative mechanisms of biological activity of low-intensity radiofrequency radiation. <i>Electromagnetic Biology and Medicine</i> , 2016, 35, 186-202.	0.7	158
4572	Effect of Zinc Supplementation on Antioxidant Defenses and Oxidative Stress Markers in Patients Undergoing Chemotherapy for Colorectal Cancer: a Placebo-Controlled, Prospective Randomized Trial. <i>Biological Trace Element Research</i> , 2016, 169, 8-16.	1.9	29
4573	Troloxerutin, a plant flavonoid, protects cells against oxidative stress-induced cell death through radical scavenging mechanism. <i>Food Chemistry</i> , 2016, 194, 32-45.	4.2	78
4574	The role of cellular oxidoreductases in viral entry and virus infection-associated oxidative stress: potential therapeutic applications. <i>Expert Opinion on Therapeutic Targets</i> , 2016, 20, 123-143.	1.5	23
4575	Oxidative stress levels are correlated with P15 and P16 gene promoter methylation in myelodysplastic syndrome patients. <i>Clinical and Experimental Medicine</i> , 2016, 16, 333-343.	1.9	23
4576	Antigenotoxic and antioxidant potentials of newly derivatized compound naringenin-oxime relative to naringenin on human mononuclear cells. <i>Drug and Chemical Toxicology</i> , 2016, 39, 66-73.	1.2	20
4577	Methodologies and limitations in the analysis of potential neuroprotective compounds derived from natural products. <i>European Journal of Molecular and Clinical Medicine</i> , 2017, 2, 81.	0.5	2
4578	Dietary antioxidant synergy in chemical and biological systems. <i>Critical Reviews in Food Science and Nutrition</i> , 2017, 57, 2343-2357.	5.4	44

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4579	Sulforaphane Prevents Methylmercury-Induced Oxidative Damage and Excitotoxicity Through Activation of the Nrf2-ARE Pathway. <i>Molecular Neurobiology</i> , 2017, 54, 375-391.	1.9	44
4580	Synthesis of N-Mannich bases of berberine linking piperazine moieties revealing anticancer and antioxidant effects. <i>Saudi Journal of Biological Sciences</i> , 2017, 24, 36-44.	1.8	44
4581	AMPK activation by liquiritigenin inhibited oxidative hepatic injury and mitochondrial dysfunction induced by nutrition deprivation as mediated with induction of farnesoid X receptor. <i>European Journal of Nutrition</i> , 2017, 56, 635-647.	1.8	34
4582	Effects of quercetin on methotrexate-induced nephrotoxicity in rats. <i>Human and Experimental Toxicology</i> , 2017, 36, 51-61.	1.1	52
4583	Anticancer potential of dietary vitamin D and ascorbic acid: A review. <i>Critical Reviews in Food Science and Nutrition</i> , 2017, 57, 2623-2635.	5.4	33
4584	Metabolic Syndrome as a Multifaceted Risk Factor for Oxidative Stress. <i>Antioxidants and Redox Signaling</i> , 2017, 26, 445-461.	2.5	92
4585	An assessment of techniques to manipulate oxidative stress in animals. <i>Functional Ecology</i> , 2017, 31, 9-21.	1.7	69
4586	Insecticide chlorpyrifos and fungicide carbendazim, common food contaminants mixture, induce hepatic, renal, and splenic oxidative damage in female rats. <i>Human and Experimental Toxicology</i> , 2017, 36, 483-493.	1.1	33
4587	Effect of repeated oral administration of levofloxacin, enrofloxacin, and meloxicam on antioxidant parameters and lipid peroxidation in rabbits. <i>Human and Experimental Toxicology</i> , 2017, 36, 42-50.	1.1	15
4588	Non-enzymatic antioxidant capacity (NEAC) estimated by two different dietary assessment methods and its relationship with NEAC plasma levels. <i>European Journal of Nutrition</i> , 2017, 56, 1561-1576.	1.8	10
4589	Correlation between markers of DNA and lipid oxidative damage in maternal and fetoplacental compartment in the mid-trimester of pregnancy. <i>Journal of Perinatal Medicine</i> , 2017, 45, 413-419.	0.6	3
4590	Effect of maximal-intensity exercise on systemic nitro-oxidative stress in men and women. <i>Redox Report</i> , 2017, 22, 176-182.	1.4	11
4591	The protective effect of prophylactic ozone administration against retinal ischemia-reperfusion injury. <i>Cutaneous and Ocular Toxicology</i> , 2017, 36, 39-47.	0.5	10
4592	Ellagitannin geraniin: a review of the natural sources, biosynthesis, pharmacokinetics and biological effects. <i>Phytochemistry Reviews</i> , 2017, 16, 159-193.	3.1	51
4593	An evaluation of the antioxidant properties of <i>Arthrospira maxima</i> extracts obtained using non-conventional techniques. <i>European Food Research and Technology</i> , 2017, 243, 227-237.	1.6	13
4594	Genetic variants involved in oxidative stress, base excision repair, DNA methylation, and folate metabolism pathways influence myeloid neoplasias susceptibility and prognosis. <i>Molecular Carcinogenesis</i> , 2017, 56, 130-148.	1.3	15
4595	Evaluation of Oxidative Stress Parameters and Energy Metabolism in Cerebral Cortex of Rats Subjected to Sarcosine Administration. <i>Molecular Neurobiology</i> , 2017, 54, 4496-4506.	1.9	5
4596	Influence of iron on modulation of the antioxidant system in rat brains exposed to lead. <i>Environmental Toxicology</i> , 2017, 32, 813-822.	2.1	7

#	ARTICLE	IF	CITATIONS
4597	Neuroprotection of ischemic preconditioning is mediated by thioredoxin 2 in the hippocampal CA1 region following a subsequent transient cerebral ischemia. <i>Brain Pathology</i> , 2017, 27, 276-291.	2.1	47
4598	Two decades of new drug discovery and development for Alzheimer's disease. <i>RSC Advances</i> , 2017, 7, 6046-6058.	1.7	60
4599	3-methoxy aroylhydrazones – free radicals scavenging, anticancer and cytoprotective potency. <i>Redox Report</i> , 2017, 22, 408-417.	1.4	11
4600	The dipteran parasitoid <i>Exorista bombycis</i> induces pro- and anti-oxidative reactions in the silkworm <i>Bombyx mori</i> : Enzymatic and genetic analysis. <i>Archives of Insect Biochemistry and Physiology</i> , 2017, 94, e21373.	0.6	7
4601	Oxidative Stress and Carcinogenesis: Potential of Phytochemicals in Breast Cancer Therapy. <i>Nutrition and Cancer</i> , 2017, 69, 365-374.	0.9	41
4602	Synthesis of novel macrocyclic Schiff's base and its complexes having N ₂ O ₂ group of donor atoms. Characterization and anticancer screening are studied. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3694.	1.7	40
4603	The Effect of Sodium Fluoride on Cell Apoptosis and the Mechanism of Human Lung BEAS-2B Cells In Vitro. <i>Biological Trace Element Research</i> , 2017, 179, 59-69.	1.9	29
4604	Inhibition of LPS-stimulated ROS production by fluorinated and hydroxylated chalcones in RAW 264.7 macrophages with structure-activity relationship study. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 1205-1209.	1.0	28
4605	Perylene Diimide as a Precise Graphene-like Superoxide Dismutase Mimetic. <i>ACS Nano</i> , 2017, 11, 2024-2032.	7.3	59
4606	Anti-oxidative effects of curcumin on immobilization-induced oxidative stress in rat brain, liver and kidney. <i>Biomedicine and Pharmacotherapy</i> , 2017, 87, 223-229.	2.5	199
4607	The effects of emodin on cell viability, respiratory burst and gene expression of Nrf2-Keap1 signaling molecules in the peripheral blood leukocytes of blunt snout bream (<i>Megalobrama amblycephala</i>). <i>Fish and Shellfish Immunology</i> , 2017, 62, 75-85.	1.6	37
4608	Ameliorative effect of <i>Trametes orientalis</i> polysaccharide against immunosuppression and oxidative stress in cyclophosphamide-treated mice. <i>International Journal of Biological Macromolecules</i> , 2017, 95, 1216-1222.	3.6	50
4609	TP53 Modulates Oxidative Stress in Gata1 + Erythroid Cells. <i>Stem Cell Reports</i> , 2017, 8, 360-372.	2.3	8
4610	Zinc Deficiency and Oxidative Stress Involved in Valproic Acid Induced Hepatotoxicity: Protection by Zinc and Selenium Supplementation. <i>Biological Trace Element Research</i> , 2017, 179, 102-109.	1.9	30
4611	Sulfur and nitrogen co-doped carbon dots sensors for nitric oxide fluorescence quantification. <i>Analytica Chimica Acta</i> , 2017, 960, 117-122.	2.6	47
4612	Salecan protected against concanavalin A-induced acute liver injury by modulating T cell immune responses and NMR-based metabolic profiles. <i>Toxicology and Applied Pharmacology</i> , 2017, 317, 63-72.	1.3	14
4613	Antioxidant and anti-inflammatory effects of zinc. Zinc-dependent NF- κ B signaling. <i>Inflammopharmacology</i> , 2017, 25, 11-24.	1.9	413
4614	Responses of the rotifer <i>Brachionus plicatilis</i> to flame retardant (BDE-47) stress. <i>Marine Pollution Bulletin</i> , 2017, 116, 298-306.	2.3	20

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4615	A model of the mitochondrial basis of bipolar disorder. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 74, 1-20.	2.9	118
4616	Dynamic flow-through approach to evaluate readily bioaccessible antioxidants in solid food samples. <i>Talanta</i> , 2017, 166, 162-168.	2.9	7
4617	Binary combinations of natural phenolic compounds with gallic acid or with its alkyl esters: an approach to understand the antioxidant interactions. <i>European Food Research and Technology</i> , 2017, 243, 1211-1217.	1.6	15
4618	Extraction of total phenolic compounds from yellow poplar hydrolysate and evaluation of their antioxidant activities. <i>Industrial Crops and Products</i> , 2017, 97, 574-581.	2.5	27
4619	Phenolic Content, Lipid Peroxidation Inhibition and Antioxidant Potential of Leaf Essential Oil of <i>Ginkgo biloba</i> in Various Scavenging Models. <i>The National Academy of Sciences, India</i> , 2017, 40, 95-99.	0.8	4
4620	Natural antioxidants in milk and dairy products. <i>International Journal of Dairy Technology</i> , 2017, 70, 165-178.	1.3	85
4621	Extracellular Vesicles: How the External and Internal Environment Can Shape Cell-To-Cell Communication. <i>Current Environmental Health Reports</i> , 2017, 4, 30-37.	3.2	45
4622	Classical hydrogen bonding and stacking of chelate rings in new copper(II) complexes. <i>Dalton Transactions</i> , 2017, 46, 2803-2820.	1.6	37
4623	The lignicolous fungus <i>Trametes versicolor</i> (L.) Lloyd (1920): a promising natural source of antiradical and AChE inhibitory agents. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2017, 32, 355-362.	2.5	57
4624	Ageing is not associated with an altered immune response during <i>Trypanosoma cruzi</i> infection. <i>Experimental Gerontology</i> , 2017, 90, 43-51.	1.2	4
4625	Electrochemical Sensor for Detection of Polyphenols in Tea and Wine with Differential Pulse Voltammetry and Electrochemical Impedance Spectroscopy Utilizing Tyrosinase and Gold Nanoparticles Decorated Biomembrane. <i>Journal of the Electrochemical Society</i> , 2017, 164, B118-B126.	1.3	17
4626	A sensitive probe for detecting intracellular reactive oxygen species via glutathione-mediated nanoaggregates to enhance Resonance Rayleigh scattering signals. <i>Sensors and Actuators B: Chemical</i> , 2017, 246, 190-196.	4.0	12
4627	Reaction Mechanism of Covalent Modification of Phosphatidylethanolamine Lipids by Reactive Aldehydes 4-Hydroxy-2-nonenal and 4-Oxo-2-nonenal. <i>Chemical Research in Toxicology</i> , 2017, 30, 840-850.	1.7	19
4628	Labeling adipose derived stem cell sheet by ultrasmall super-paramagnetic Fe ₃ O ₄ nanoparticles and magnetic resonance tracking in vivo. <i>Scientific Reports</i> , 2017, 7, 42793.	1.6	20
4629	YiQiFuMai Powder Injection attenuates coronary artery ligation-induced myocardial remodeling and heart failure through modulating MAPKs signaling pathway. <i>Journal of Ethnopharmacology</i> , 2017, 202, 67-77.	2.0	32
4630	Glioprotective effect of <i>Ulva rigida</i> extract against UVB cellular damages. <i>Algal Research</i> , 2017, 23, 203-215.	2.4	9
4631	A novel fluorescent probe based on ESIPT and AIE processes for the detection of hydrogen peroxide and glucose and its application in nasopharyngeal carcinoma imaging. <i>Analytical Methods</i> , 2017, 9, 1872-1875.	1.3	15
4632	Potential biomarkers associated with oxidative stress for risk assessment of colorectal cancer. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2017, 390, 557-565.	1.4	36

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4633	Extraction of total alkaloids, peimine and peiminine from the flower of <i>Fritillaria thunbergii</i> Miq using supercritical carbon dioxide. <i>Journal of CO2 Utilization</i> , 2017, 18, 283-293.	3.3	28
4634	Effect of dietary iron (Fe) levels on growth performance, hepatic lipid metabolism and antioxidant responses in juvenile yellow catfish <i>Pelteobagrus fulvidraco</i> . <i>Aquaculture Nutrition</i> , 2017, 23, 1475-1482.	1.1	26
4635	Ethyl acetate fraction of <i>Pteris vittata</i> L. alleviates 2-acetylaminofluorene induced hepatic alterations in male Wistar rats. <i>Biomedicine and Pharmacotherapy</i> , 2017, 88, 1080-1089.	2.5	9
4636	The roles of LVB and vitamin D in reducing risk of cancer incidence and mortality: A review of the epidemiology, clinical trials, and mechanisms. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2017, 18, 167-182.	2.6	71
4637	A fucan of a brown seaweed and its antitumoral property on HT-29 and immunomodulatory activity in murine RAW 264.7 macrophage cell line. <i>Journal of Applied Phycology</i> , 2017, 29, 2061-2075.	1.5	7
4638	Anti-aging effects of M2000 (β -D-mannuronic acid) as a novel immunosuppressive drug on the enzymatic and non-enzymatic oxidative stress parameters in an experimental model. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2017, 28, 249-255.	0.7	17
4639	Evaluation of vascular tone and cardiac contractility in response to silver nanoparticles, using Langendorff rat heart preparation. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 1507-1518.	1.7	16
4640	Inducible Sequential Oxidation Process in Water-Soluble Copper Nanoclusters for Direct Colorimetric Assay of Hydrogen Peroxide in a Wide Dynamic and Sampling Range. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 11035-11044.	4.0	20
4641	Fractionation of biologically active components of grape seed (<i>Vitis vinifera</i>) by supercritical fluid extraction. <i>Acta Alimentaria</i> , 2017, 46, 27-34.	0.3	12
4642	Enhanced plasma protein carbonylation in patients with myelodysplastic syndromes. <i>Free Radical Biology and Medicine</i> , 2017, 108, 1-7.	1.3	12
4643	Nanocomposites of sulphur-nitrogen co-doped graphene oxide nanosheets and cobalt mono carboxyphenoxy phthalocyanines for facile electrocatalysis. <i>Journal of Electroanalytical Chemistry</i> , 2017, 791, 36-48.	1.9	14
4644	Impact of high cholesterol and endoplasmic reticulum stress on metabolic diseases: An updated mini-review. <i>Redox Biology</i> , 2017, 12, 456-461.	3.9	129
4645	Review "Monitoring of Endogenous Antioxidants: An Electroanalytical Approach. <i>Journal of the Electrochemical Society</i> , 2017, 164, H266-H277.	1.3	6
4646	Skeletal muscle insulin resistance: role of mitochondria and other ROS sources. <i>Journal of Endocrinology</i> , 2017, 233, R15-R42.	1.2	202
4647	Reactive Oxygen, Nitrogen, and Sulfur Species (RONSS)-Responsive Polymersomes for Triggered Drug Release. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1600685.	2.0	47
4648	Antioxidative, Cardioprotective, and Anticancer Potential of Two Lichenized Fungi, <i>Everniastrum cirrhatum</i> and <i>Parmotrema reticulatum</i> , from Western Ghats of India. <i>Journal of Herbs, Spices and Medicinal Plants</i> , 2017, 23, 142-156.	0.5	8
4649	<i>Aspergillus awamori</i> -fermented mung bean seed coats enhance the antioxidant and immune responses of weaned pigs. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2017, 101, e342-e351.	1.0	7
4650	A comparative and evolutionary approach to oxidative stress in fish: A review. <i>Fish and Fisheries</i> , 2017, 18, 928-942.	2.7	246

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4651	Influence of nickel manganese cobalt oxide nanoparticle composition on toxicity toward <i>Shewanella oneidensis</i> MR-1: redesigning for reduced biological impact. <i>Environmental Science: Nano</i> , 2017, 4, 636-646.	2.2	27
4652	The effect of macadamia oil intake on muscular inflammation and oxidative profile kinetics after exhaustive exercise. <i>European Journal of Lipid Science and Technology</i> , 2017, 119, 1600382.	1.0	3
4653	Fungal endophyte-derived <i>Fritillaria unibracteata</i> var. <i>wabuensis</i> : diversity, antioxidant capacities in vitro and relations to phenolic, flavonoid or saponin compounds. <i>Scientific Reports</i> , 2017, 7, 42008.	1.6	75
4654	In vivo characterisation of a catalase-based biosensor for real-time electrochemical monitoring of brain hydrogen peroxide in freely-moving animals. <i>Analytical Methods</i> , 2017, 9, 1253-1264.	1.3	16
4657	The association between three major physiological stress systems and oxidative DNA and lipid damage. <i>Psychoneuroendocrinology</i> , 2017, 80, 56-66.	1.3	37
4658	The impact of oxidative DNA changes and ATM expression on morphological and functional activities on hepatocytes obtained from mesenchymal stem cells. <i>Biologicals</i> , 2017, 47, 52-58.	0.5	2
4659	Evidence of oxidative stress and mitochondrial dysfunction in spinocerebellar ataxia type 2 (SCA2) patient fibroblasts: Effect of coenzyme Q10 supplementation on these parameters. <i>Mitochondrion</i> , 2017, 34, 103-114.	1.6	42
4660	Establishment of a mouse model of enalapril-induced liver injury and investigation of the pathogenesis. <i>Laboratory Investigation</i> , 2017, 97, 833-842.	1.7	8
4661	Induction of Oxidants Distinguishes Susceptibility of Prostate Carcinoma Cell Lines to p53 Gene Transfer Mediated by an Improved Adenoviral Vector. <i>Human Gene Therapy</i> , 2017, 28, 639-653.	1.4	19
4662	Antioxidant and antigenotoxic potential of <i>Ramaria lagentii</i> Marr & D. E. Stuntz, a wild edible mushroom collected from Northeast Romania. <i>Food and Chemical Toxicology</i> , 2017, 108, 429-437.	1.8	21
4663	Induction of oxidative stress by bisphenol A and its pleiotropic effects. <i>Environmental and Molecular Mutagenesis</i> , 2017, 58, 60-71.	0.9	208
4664	The antioxidant action and mechanism of selenizing <i>Schisandra chinensis</i> polysaccharide in chicken embryo hepatocyte. <i>International Journal of Biological Macromolecules</i> , 2017, 98, 506-514.	3.6	34
4665	Sulfonation and Antioxidative Evaluation of Polysaccharides from <i>Pleurotus</i> Mushroom and <i>Streptococcus thermophilus</i> Bacteria: A Review. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2017, 16, 282-294.	5.9	15
4666	Circulating glutathione concentrations in marine, semiaquatic, and terrestrial mammals. <i>Marine Mammal Science</i> , 2017, 33, 738-747.	0.9	17
4667	Nanotechnology for Electroanalytical Biosensors of Reactive Oxygen and Nitrogen Species. <i>Chemical Record</i> , 2017, 17, 886-901.	2.9	17
4668	The role of S-nitrosoglutathione reductase (GSNOR) in human disease and therapy. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2017, 52, 340-354.	2.3	99
4669	Variations in Oxidative Stress Levels in 3 Days Follow-up in Ultramarathon Mountain Race Athletes. <i>Journal of Strength and Conditioning Research</i> , 2017, 31, 582-594.	1.0	16
4670	Protective Effect of <i>Juglans regia</i> L. Walnut Extract Against Oxidative DNA Damage. <i>Plant Foods for Human Nutrition</i> , 2017, 72, 192-197.	1.4	16

#	ARTICLE	IF	CITATIONS
4671	An efficient two-photon fluorescent probe for measuring \hat{I}^3 -glutamyltranspeptidase activity during the oxidative stress process in tumor cells and tissues. <i>Analyst, The</i> , 2017, 142, 1813-1820.	1.7	38
4672	Influence of genetic variations in the SOD1 gene on the development of ascites and spontaneous bacterial peritonitis in decompensated liver cirrhosis. <i>European Journal of Gastroenterology and Hepatology</i> , 2017, 29, 800-804.	0.8	6
4673	Recombinant protein transduction domain-Cu/Zn superoxide dismutase alleviates bone cancer pain via peroxiredoxin 4 modulation and antioxidation. <i>Biochemical and Biophysical Research Communications</i> , 2017, 486, 1143-1148.	1.0	8
4674	Pre-clinical therapeutic development of a series of metalloporphyrins for Parkinson's disease. <i>Toxicology and Applied Pharmacology</i> , 2017, 326, 34-42.	1.3	11
4675	The role of peroxiredoxins in cancer. <i>Molecular and Clinical Oncology</i> , 2017, 6, 139-153.	0.4	145
4676	Synthesis and Cytotoxic Evaluation of $\langle i \rangle N \langle /i \rangle$ - \hat{A} royleureas through Rhodium(III)-Catalyzed \hat{C}^H Functionalization of Indolines with Isocyanates. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 2329-2336.	2.1	28
4677	Protective effects of different exercise modalities in an Alzheimer's disease-like model. <i>Behavioural Brain Research</i> , 2017, 328, 159-177.	1.2	40
4678	Hemorrhagic blood failure. <i>Journal of Trauma and Acute Care Surgery</i> , 2017, 82, S41-S49.	1.1	76
4679	The effects of thymoquinone on hippocampal cytokine level, brain oxidative stress status and memory deficits induced by lipopolysaccharide in rats. <i>Cytokine</i> , 2017, 96, 173-184.	1.4	78
4680	IL-6, Antioxidant Capacity and Muscle Damage Markers Following High-Intensity Interval Training Protocols. <i>Journal of Human Kinetics</i> , 2017, 56, 139-148.	0.7	27
4681	Varied pathological and therapeutic response effects associated with $\langle i \rangle CHCHD2 \langle /i \rangle$ mutant and risk variants. <i>Human Mutation</i> , 2017, 38, 978-987.	1.1	21
4682	Redox regulation of gasotransmission in the vascular system: A focus on angiogenesis. <i>Free Radical Biology and Medicine</i> , 2017, 108, 500-516.	1.3	31
4683	Susceptibility of Stallion Spermatozoa to Different Oxidative Challenges: Role of Seminal Plasma. <i>Journal of Equine Veterinary Science</i> , 2017, 55, 76-83.	0.4	9
4684	Colorimetric detection of hypochlorite based on the morphological changes of silver nanoprisms to spherical nanoparticles. <i>Analytical Methods</i> , 2017, 9, 3151-3158.	1.3	34
4685	Antioxidant activity of hydrolysates and peptide fractions of glutelin from cocoa ($\langle i \rangle Theobroma \langle /i \rangle$) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 10 0,9 29	0.9	29
4686	Effect of excess dietary fluoride on laying performance and antioxidant capacity of laying hens. <i>Poultry Science</i> , 2017, 96, 2200-2205.	1.5	9
4687	Osajin Inhibits Solar UV \hat{A} -induced Cyclooxygenase $\hat{2}$ Expression Through Direct Inhibition of RSK2. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 4080-4087.	1.2	6
4688	The nitroxyl donor Angeli's salt ameliorates <i>Staphylococcus aureus</i> -induced septic arthritis in mice. <i>Free Radical Biology and Medicine</i> , 2017, 108, 487-499.	1.3	20

#	ARTICLE	IF	CITATIONS
4689	Diosmin ameliorates the effects of oxidative stress in lenses of streptozotocin-induced type 1 diabetic rats. <i>Pharmacological Reports</i> , 2017, 69, 995-1000.	1.5	34
4690	Synthesis, characterizations, biological activities and docking studies of novel dihydroxy derivatives of natural phenolic monoterpenoids containing azomethine linkage. <i>Research on Chemical Intermediates</i> , 2017, 43, 5377-5393.	1.3	18
4691	Phytochemical profile and free radical nitric oxide (NO) scavenging activity of <i>Averrhoa bilimbi</i> L. fruit extract. <i>3 Biotech</i> , 2017, 7, 85.	1.1	20
4692	Advantages of the polysaccharides from <i>Gracilaria lemaneiformis</i> over metformin in antidiabetic effects on streptozotocin-induced diabetic mice. <i>RSC Advances</i> , 2017, 7, 9141-9151.	1.7	40
4693	Attenuation of Sulfur Dioxide Damage to Wheat Seedlings by Co-exposure to Nitric Oxide. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2017, 99, 146-151.	1.3	6
4694	Is the Level of Nitric Oxide in the Dental Follicular Tissues of Impacted Third Molars With a History of Recurrent Pericoronitis a True Marker of Oxidative Stress?. <i>Journal of Oral and Maxillofacial Surgery</i> , 2017, 75, 2058-2062.	0.5	3
4695	Stress and the nonsense-mediated RNA decay pathway. <i>Cellular and Molecular Life Sciences</i> , 2017, 74, 3509-3531.	2.4	74
4696	Oxidative stress and male infertility. <i>Nature Reviews Urology</i> , 2017, 14, 470-485.	1.9	529
4697	Antioxidant activity of various oral <i>Lactobacillus</i> strains. <i>Journal of Applied Microbiology</i> , 2017, 123, 271-279.	1.4	39
4698	Acute and chronic treatment with quetiapine induces antidepressant-like behavior and exerts antioxidant effects in the rat brain. <i>Metabolic Brain Disease</i> , 2017, 32, 1195-1208.	1.4	24
4699	Molecular effects of hesperetin, a citrus flavanone on 7,12-dimethylbenz(a)anthracene induced buccal pouch squamous cell carcinoma in golden Syrian hamsters. <i>Archives of Physiology and Biochemistry</i> , 2017, 123, 265-278.	1.0	14
4700	New cofactors and inhibitors for a DNA-cleaving DNase: superoxide anion and hydrogen peroxide mediated an oxidative cleavage process. <i>Scientific Reports</i> , 2017, 7, 378.	1.6	17
4701	Synthesis, antioxidative and antiproliferative activity of methoxy amidino substituted benzamides and benzimidazoles. <i>Medicinal Chemistry Research</i> , 2017, 26, 2024-2037.	1.1	12
4702	Oxidation of human serum albumin exhibits inter-individual variability after an ultra-marathon mountain race. <i>Experimental and Therapeutic Medicine</i> , 2017, 13, 2382-2390.	0.8	23
4703	Immunosuppressive effects and associated compensatory responses in zebrafish after full life-cycle exposure to environmentally relevant concentrations of cadmium. <i>Aquatic Toxicology</i> , 2017, 188, 64-71.	1.9	38
4704	Potential mechanisms behind the antioxidant actions of prolactin in the retina. <i>Experimental Eye Research</i> , 2017, 160, 56-61.	1.2	16
4705	Metabolite profiling of flavonols and in vitro antioxidant activity of young shoots of wild <i>Humulus lupulus</i> L. (hop). <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 142, 28-34.	1.4	35
4706	Photostable Ratiometric PdOT Probe for in Vitro and in Vivo Imaging of Hypochlorous Acid. <i>Journal of the American Chemical Society</i> , 2017, 139, 6911-6918.	6.6	311

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4707	Oxidative ecology of paternal care in wild smallmouth bass, <i>Micropterus dolomieu</i> . Journal of Experimental Biology, 2017, 220, 1905-1914.	0.8	1
4708	Mechanism of Generation of Oxidative Stress and Pathophysiology of Type 2 Diabetes Mellitus: How Are They Interlinked?. Journal of Cellular Biochemistry, 2017, 118, 3577-3585.	1.2	340
4709	Antioxidant properties of the carotenoid extracts of three Deinococcus/Thermus phylum bacteria, Meiothermus sp. strains RP and TP and Thermus sp. strain YY from Paniphala hot spring, India. Nutrire, 2017, 42, .	0.3	23
4710	Protective effects of Shanxi aged vinegar against hydrogen peroxide-induced oxidative damage in LO2 cells through Nrf2-mediated antioxidant responses. RSC Advances, 2017, 7, 17377-17386.	1.7	42
4711	Conditionally Pathogenic Gut Microbes Promote Larval Growth by Increasing Redox-Dependent Fat Storage in High-Sugar Diet-Fed <i>Drosophila</i> . Antioxidants and Redox Signaling, 2017, 27, 1361-1380.	2.5	11
4712	Human Plasma Thioredoxin-80 Increases With Age and in ApoE ^{−/−} Mice Induces Inflammation, Angiogenesis, and Atherosclerosis. Circulation, 2017, 136, 464-475.	1.6	51
4713	An integrated antioxidant activity fingerprint for commercial teas based on their capacities to scavenge reactive oxygen species. Food Chemistry, 2017, 237, 645-653.	4.2	23
4714	Antioxidant and anti-dyslipidemic effects of polysaccharidic extract from sea cucumber processing liquor. Electronic Journal of Biotechnology, 2017, 28, 1-6.	1.2	22
4715	Control of DNA integrity in skeletal muscle under physiological and pathological conditions. Cellular and Molecular Life Sciences, 2017, 74, 3439-3449.	2.4	13
4716	Effect of dietary supplementation with carnosic acid or vitamin E on animal performance, haematological and immunological characteristics of artificially reared suckling lambs before and after road transport. Archives of Animal Nutrition, 2017, 71, 272-284.	0.9	8
4717	<i>Centella asiatica</i> enhances hepatic antioxidant status and regulates hepatic inflammatory cytokines in type 2 diabetic rats. Pharmaceutical Biology, 2017, 55, 1671-1678.	1.3	30
4718	The chemical disruption of human metabolism. Toxicology Mechanisms and Methods, 2017, 27, 477-500.	1.3	14
4719	Inhibition of reductase systems by 2-AAPA modulates peroxiredoxin oxidation and mitochondrial function in A172 glioblastoma cells. Toxicology in Vitro, 2017, 42, 273-280.	1.1	9
4720	Contribution of Oxidative Stress to Non-AIDS Events in HIV-Infected Patients. Journal of Acquired Immune Deficiency Syndromes (1999), 2017, 75, e36-e44.	0.9	10
4721	Remote Limb Ischemic Preconditioning Protects Rats Against Cerebral Ischemia via HIF-1 α /AMPK/HSP70 Pathway. Cellular and Molecular Neurobiology, 2017, 37, 1105-1114.	1.7	50
4722	A comparative investigation on the in vitro anti-inflammatory, antioxidant and antimicrobial potentials of subextracts from the aerial parts of <i>Daphne oleoides</i> Schreb. subsp. <i>oleoides</i> . Industrial Crops and Products, 2017, 95, 695-703.	2.5	15
4723	4-Vinylcyclohexene diepoxide disrupts sperm characteristics, endocrine balance and redox status in testes and epididymis of rats. Redox Report, 2017, 22, 388-398.	1.4	7
4724	Terbium(III) ions as sensitizers of oxidation of indole and its derivatives in Fenton system. Journal of Luminescence, 2017, 183, 470-477.	1.5	5

#	ARTICLE	IF	CITATIONS
4725	Blood oxidative stress (BLOS) is a secondary host defense system responding normally to anaerobic wound infection and inadvertently to dietary ultra-exogenous sulfide formation (USF). <i>Medical Hypotheses</i> , 2017, 98, 28-34.	0.8	1
4726	Ameliorative effect of omega-3 on spermatogenesis, testicular antioxidant status and preimplantation embryo development in streptozotocin-induced diabetes in rats. <i>International Urology and Nephrology</i> , 2017, 49, 1545-1560.	0.6	29
4727	Oxidative stress mediated toxicity of TiO ₂ nanoparticles after a concentration and time dependent exposure of the aquatic macrophyte <i>Hydrilla verticillata</i> . <i>Aquatic Toxicology</i> , 2017, 190, 32-39.	1.9	44
4728	Microbial antioxidant defense enzymes. <i>Microbial Pathogenesis</i> , 2017, 110, 56-65.	1.3	173
4729	Anti-oxidant activity and major chemical component analyses of twenty-six commercially available essential oils. <i>Journal of Food and Drug Analysis</i> , 2017, 25, 881-889.	0.9	41
4730	European contribution to the study of ROS: A summary of the findings and prospects for the future from the COST action BM1203 (EU-ROS). <i>Redox Biology</i> , 2017, 13, 94-162.	3.9	242
4731	Modeled traffic noise at the residence and colorectal cancer incidence: a cohort study. <i>Cancer Causes and Control</i> , 2017, 28, 745-753.	0.8	32
4732	Two-hit model of schizophrenia induced by neonatal immune activation and peripubertal stress in rats: Study of sex differences and brain oxidative alterations. <i>Behavioural Brain Research</i> , 2017, 331, 30-37.	1.2	66
4733	In vitro and in vivo antioxidative and radioprotective capacities of polysaccharide isolated from <i>Mesona Blumes</i> gum. <i>Starch/Staerke</i> , 2017, 69, 1700056.	1.1	7
4734	Biochemical profile and in vitro neuroprotective properties of <i>Carpobrotus edulis</i> L., a medicinal and edible halophyte native to the coast of South Africa. <i>South African Journal of Botany</i> , 2017, 111, 222-231.	1.2	35
4735	The molecular characterizations of Cu/ZnSOD and MnSOD and its responses of mRNA expression and enzyme activity to <i>Aeromonas hydrophila</i> or lipopolysaccharide challenge in Qihe crucian carp <i>Carassius auratus</i> . <i>Fish and Shellfish Immunology</i> , 2017, 67, 429-440.	1.6	28
4736	A co-drug conjugate of naringenin and lipoic acid mediates neuroprotection in a rat model of oxidative stress. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2017, 44, 1008-1016.	0.9	14
4737	Ceria-Zirconia Nanoparticles as an Enhanced Multi-Antioxidant for Sepsis Treatment. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 11399-11403.	7.2	261
4738	Curcumin, a Multitarget Phytochemical. <i>Studies in Natural Products Chemistry</i> , 2017, 53, 243-276.	0.8	23
4739	Quantitatively Intrinsic Biomimetic Catalytic Activity of Nanocerias as Radical Scavengers and Their Ability against H ₂ O ₂ and Doxorubicin-Induced Oxidative Stress. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 23342-23352.	4.0	40
4740	Identification of a flavonoid C-glycoside as potent antioxidant. <i>Free Radical Biology and Medicine</i> , 2017, 110, 92-101.	1.3	68
4741	Antioxidant and antibacterial activities of the essential oils obtained from seven Iranian populations of <i>Rosmarinus officinalis</i> . <i>Industrial Crops and Products</i> , 2017, 107, 305-311.	2.5	98
4742	Physiological role of reactive oxygen species as promoters of natural defenses. <i>FASEB Journal</i> , 2017, 31, 3729-3745.	0.2	175

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4743	Markers of oxidative stress in dogs with heart failure. <i>Journal of Veterinary Diagnostic Investigation</i> , 2017, 29, 636-644.	0.5	24
4744	Toxic proteins from <i>Croton tiglium</i> L. exert a proinflammatory effect by inducing release of proinflammatory cytokines and activating the p38-MAPK signaling pathway. <i>Molecular Medicine Reports</i> , 2017, 16, 631-638.	1.1	26
4745	Stevioside induced cytotoxicity in colon cancer cells via reactive oxygen species and mitogen-activated protein kinase signaling pathways-mediated apoptosis. <i>Oncology Letters</i> , 2017, 13, 2337-2343.	0.8	15
4746	Potential antioxidant peptides produced from whey hydrolysis with an immobilized aspartic protease from <i>Salpichroa organifolia</i> fruits. <i>Food Chemistry</i> , 2017, 237, 350-355.	4.2	41
4747	Controlled ROS production by corannulene: the vehicle makes a difference. <i>Biomaterials Science</i> , 2017, 5, 1236-1240.	2.6	12
4748	ROS. , 2017, , 935-944.		1
4749	Laser-induced generation of singlet oxygen and its role in the cerebrovascular physiology. <i>Progress in Quantum Electronics</i> , 2017, 55, 112-128.	3.5	20
4750	Targeting Free Radicals in Oxidative Stress-Related Human Diseases. <i>Trends in Pharmacological Sciences</i> , 2017, 38, 592-607.	4.0	781
4751	Oxidative stress and hepatotoxicity in the frog, <i>Rana chensinensis</i> , when exposed to low doses of trichlorfon. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2017, 52, 476-482.	0.7	27
4752	trans-Chalcone, a flavonoid precursor, inhibits UV-induced skin inflammation and oxidative stress in mice by targeting NADPH oxidase and cytokine production. <i>Photochemical and Photobiological Sciences</i> , 2017, 16, 1162-1173.	1.6	31
4753	Genetic association of the NQO1 rs1800566 (609C>T) variant with risk of preeclampsia in the Chinese Han population. <i>Pregnancy Hypertension</i> , 2017, 10, 42-45.	0.6	3
4754	Association of Microvascular Dysfunction With Late-Life Depression. <i>JAMA Psychiatry</i> , 2017, 74, 729.	6.0	192
4755	Ratiometric Fluorescent Probes for the Detection of Reactive Oxygen Species. <i>Chemistry - A European Journal</i> , 2017, 23, 13549-13573.	1.7	104
4756	An Update on Src Family of Nonreceptor Tyrosine Kinases Biology. <i>International Review of Cell and Molecular Biology</i> , 2017, 331, 83-122.	1.6	58
4757	Topology dictates function: controlled ROS production and mitochondria accumulation via curved carbon materials. <i>Journal of Materials Chemistry B</i> , 2017, 5, 4918-4925.	2.9	18
4758	Comparison of gene expression response to neutron and x-ray irradiation using mouse blood. <i>BMC Genomics</i> , 2017, 18, 2.	1.2	57
4759	Methanol extract of <i>Dicranopteris linearis</i> L. leaves impedes acetaminophen-induced liver intoxication partly by enhancing the endogenous antioxidant system. <i>BMC Complementary and Alternative Medicine</i> , 2017, 17, 271.	3.7	23
4760	Synthesis and <i>in vitro</i> antioxidant activity study of some new piperaziny flavone compounds. <i>Luminescence</i> , 2017, 32, 1431-1441.	1.5	6

#	ARTICLE	IF	CITATIONS
4761	Evaluation of oxidant/antioxidant balance in Iberian ibex (<i>Capra pyrenaica</i>) experimentally infested with <i>Sarcoptes scabiei</i> . <i>Veterinary Parasitology</i> , 2017, 242, 63-70.	0.7	6
4762	Iron chelation as novel treatment for lung inflammation in cystic fibrosis. <i>Medical Hypotheses</i> , 2017, 104, 86-88.	0.8	13
4763	Evaluation of a novel radiotracer for positron emission tomography imaging of reactive oxygen species in the central nervous system. <i>Nuclear Medicine and Biology</i> , 2017, 53, 14-20.	0.3	25
4764	Melatonin ameliorates anxiety and depression-like behaviors and modulates proteomic changes in triple transgenic mice of Alzheimer's disease. <i>BioFactors</i> , 2017, 43, 593-611.	2.6	44
4765	Gross pathology, physiological and toxicological responses in relation to metals and persistent organic pollutants (POPs) burden in tilapia species from Ogun River, Nigeria. <i>Marine Environmental Research</i> , 2017, 129, 245-257.	1.1	14
4766	Protective Effects of Coenzyme Q10 on Developmental Competence of Porcine Early Embryos. <i>Microscopy and Microanalysis</i> , 2017, 23, 849-858.	0.2	10
4767	Acute exposure to DEHP metabolite, MEHP cause genotoxicity, mutagenesis and carcinogenicity in mammalian Chinese hamster ovary cells. <i>Carcinogenesis</i> , 2017, 38, 336-345.	1.3	40
4768	Syntheses, single crystal structures, DFT and antioxidant superoxide dismutase studies of some new mono-/binuclear copper(II) complexes. <i>Polyhedron</i> , 2017, 129, 164-181.	1.0	21
4769	Melatonin: Antioxidant and modulatory properties in age-related changes during <i>Trypanosoma cruzi</i> infection. <i>Journal of Pineal Research</i> , 2017, 63, e12409.	3.4	35
4770	Oxidative and antioxidative status in the endometrium of patients with benign gynecological disorders. <i>Journal of Gynecology Obstetrics and Human Reproduction</i> , 2017, 46, 243-247.	0.6	10
4771	Highly Sensitive and Selective Fluorescent Probes for the Detection of HOCl/OCl ⁻ Based on Fluorescein Derivatives. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 3757-3764.	1.8	60
4772	Effects of Chronic Ghrelin Treatment on Hypoxia-Induced Brain Oxidative Stress and Inflammation in a Rat Normobaric Chronic Hypoxia Model. <i>High Altitude Medicine and Biology</i> , 2017, 18, 145-151.	0.5	10
4773	The diagnostic accuracy of oxidative stress biomarkers in sheep with pneumonic pasteurellosis. <i>Comparative Clinical Pathology</i> , 2017, 26, 363-367.	0.3	0
4774	Evaluation of antioxidant activity of the residues generated from ethanol concentration of lignocellulosic biomass using pervaporation. <i>Journal of Industrial and Engineering Chemistry</i> , 2017, 52, 51-58.	2.9	6
4775	Pediatric Multiple Organ Dysfunction Syndrome. <i>Pediatric Critical Care Medicine</i> , 2017, 18, S67-S82.	0.2	15
4776	Antioxidants Bound to an Insoluble Food Matrix: Their Analysis, Regeneration Behavior, and Physiological Importance. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2017, 16, 382-399.	5.9	66
4777	The potential effects of chlorogenic acid, the main phenolic components in coffee, on health: a comprehensive review of the literature. <i>European Journal of Nutrition</i> , 2017, 56, 2215-2244.	1.8	489
4778	Simultaneous overexpression of human E5NT and ENTPD1 protects porcine endothelial cells against H ₂ O ₂ -induced oxidative stress and cytotoxicity in vitro. <i>Free Radical Biology and Medicine</i> , 2017, 108, 320-333.	1.3	12

#	ARTICLE	IF	CITATIONS
4779	Inadequate Antioxidative Responses in Kidneys of Brain-Dead Rats. Transplantation, 2017, 101, 746-753.	0.5	11
4780	The effect of hesperidin and quercetin on oxidative stress, NF- κ B and SIRT1 levels in a STZ-induced experimental diabetes model. Biomedicine and Pharmacotherapy, 2017, 90, 500-508.	2.5	121
4781	Chemoproteomic profiling of targets of lipid-derived electrophiles by bioorthogonal aminoxy probe. Redox Biology, 2017, 12, 712-718.	3.9	44
4782	Cleistocalyx nervosum var. paniala berry fruit protects neurotoxicity against endoplasmic reticulum stress-induced apoptosis. Food and Chemical Toxicology, 2017, 103, 279-288.	1.8	33
4783	<scp>RS</scp>, a novel Nrf2 activator, attenuates light-induced death of cells of photoreceptor cells and Müller glia cells. Journal of Neurochemistry, 2017, 141, 750-765.	2.1	30
4784	Free radicals and polyphenols: The redox chemistry of neurodegenerative diseases. European Journal of Medicinal Chemistry, 2017, 133, 379-402.	2.6	196
4785	Two-photon dual imaging platform for in vivo monitoring cellular oxidative stress in liver injury. Scientific Reports, 2017, 7, 45374.	1.6	35
4786	An in vitro evaluation of anti-aging effect of guluronic acid (G2013) based on enzymatic oxidative stress gene expression using healthy individuals PBMCs. Biomedicine and Pharmacotherapy, 2017, 90, 262-267.	2.5	21
4787	The effect of <i>Echis coloratus</i> venom on biochemical and molecular markers of the antioxidant capacity in human fibroblasts. Libyan Journal of Medicine, 2017, 12, 1304515.	0.8	9
4788	Role of Nutrition Support in Inflammatory Conditions. Nutrition in Clinical Practice, 2017, 32, 310-317.	1.1	12
4789	Obesity-associated digestive cancers: A review of mechanisms and interventions. Tumor Biology, 2017, 39, 101042831769502.	0.8	26
4790	Relation of antioxidant capacity of diet and markers of oxidative status with C-reactive protein and adipocytokines: a prospective study. Metabolism: Clinical and Experimental, 2017, 71, 171-181.	1.5	16
4791	Cadmium Toxicity Showing Organ Specific Signature of Responsiveness. Environmental Science and Engineering, 2017, , 71-97.	0.1	1
4792	Inhibition of enzymes linked to type-2 diabetes and hypertension by essential oils from peels of orange and lemon. International Journal of Food Properties, 2017, 20, S586-S594.	1.3	58
4793	Confinement of hydrogen and hydroxyl radicals in water cages: a density functional theory study. RSC Advances, 2017, 7, 14537-14543.	1.7	5
4794	A new colorimetric DPPH [•] scavenging activity method with no need for a spectrophotometer applied on synthetic and natural antioxidants and medicinal herbs. Journal of Enzyme Inhibition and Medicinal Chemistry, 2017, 32, 640-647.	2.5	86
4795	Amniotic fluid metabolomics and biochemistry analysis provides novel insights into the diet-regulated foetal growth in a pig model. Scientific Reports, 2017, 7, 44782.	1.6	23
4796	The metabolism of berberine and its contribution to the pharmacological effects. Drug Metabolism Reviews, 2017, 49, 139-157.	1.5	317

#	ARTICLE	IF	CITATIONS
4797	Radical Scavenging Activities of <i>Lagerstroemia speciosa</i> (L.) Pers. Petal Extracts and its hepato-protection in CCl ₄ -intoxicated mice. <i>BMC Complementary and Alternative Medicine</i> , 2017, 17, 55.	3.7	36
4798	Cystatin SN inhibits auranofin-induced cell death by autophagic induction and ROS regulation via glutathione reductase activity in colorectal cancer. <i>Cell Death and Disease</i> , 2017, 8, e2682-e2682.	2.7	37
4799	Cobalt chloride exposure dose-dependently induced hepatotoxicity through enhancement of cyclooxygenase-2 (COX-2)/B-cell associated protein X (BAX) signaling and genotoxicity in Wistar rats. <i>Environmental Toxicology</i> , 2017, 32, 1899-1907.	2.1	10
4800	Pyroloquinoline quinone from <i>Gluconobacter oxydans</i> fermentation broth enhances superoxide anion-scavenging capacity of Cu/Zn-SOD. <i>Food Chemistry</i> , 2017, 230, 291-294.	4.2	9
4801	Penicillamine and captopril: mechanistic exploration of defensive actions of thiol drugs against a metal bound-superoxo complex. <i>Journal of Coordination Chemistry</i> , 2017, 70, 1723-1738.	0.8	1
4802	A copper(II) complex of an asymmetrically N-functionalized derivative of 1,4,7-triazacyclononane: synthesis, crystal structure and SOD activity. <i>Journal of Coordination Chemistry</i> , 2017, 70, 1554-1563.	0.8	4
4803	<sc>Arginine supplementation improves rats' antioxidant system and exercise performance. <i>Free Radical Research</i> , 2017, 51, 281-293.	1.5	14
4804	A mitochondria-targetable fluorescent probe with a large Stokes shift for detecting hydrogen peroxide in aqueous solution and living cells. <i>New Journal of Chemistry</i> , 2017, 41, 3320-3325.	1.4	21
4805	Management of Inpatient Hyperglycemia and Diabetes in Older Adults. <i>Diabetes Care</i> , 2017, 40, 509-517.	4.3	104
4806	Elevation of GPRC5A expression in colorectal cancer promotes tumor progression through VNN1-induced oxidative stress. <i>International Journal of Cancer</i> , 2017, 140, 2734-2747.	2.3	34
4807	Exercise intensity, redox homeostasis and inflammation in type 2 diabetes mellitus. <i>Journal of Science and Medicine in Sport</i> , 2017, 20, 893-898.	0.6	26
4808	Graphene Oxide Quantum Dots as Novel Nanozymes for Alcohol Intoxication. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 12241-12252.	4.0	91
4809	<i>Liqustris lucidi</i> Fructus inhibits hepatic injury and functions as an antioxidant by activation of AMP-activated protein kinase in vivo and in vitro. <i>Chemico-Biological Interactions</i> , 2017, 262, 57-68.	1.7	22
4810	Cardiac oxidative stress in diabetes: Mechanisms and therapeutic potential. , 2017, 172, 50-62.		202
4811	Poly(ethylene glycol)/ β -cyclodextrin covalent gel networks: host matrices for studying radical processes in plant extract's riboflavin systems following UV irradiation. <i>Chemical Papers</i> , 2017, 71, 607-616.	1.0	3
4812	Happily (n)ever after: Aging in the context of oxidative stress, proteostasis loss and cellular senescence. <i>Redox Biology</i> , 2017, 11, 482-501.	3.9	268
4813	Transcriptional abundance of antioxidant enzymes in endometrium and their circulating levels in Zebu cows with and without uterine infection. <i>Animal Reproduction Science</i> , 2017, 177, 79-87.	0.5	9
4814	Tris (1, 3-dichloro-2-propyl) phosphate induces apoptosis and autophagy in SH-SY5Y cells: Involvement of ROS-mediated AMPK/mTOR/ULK1 pathways. <i>Food and Chemical Toxicology</i> , 2017, 100, 183-196.	1.8	46

#	ARTICLE	IF	CITATIONS
4815	LiCl regulates mitochondrial biogenesis during megakaryocyte development. <i>Journal of Trace Elements in Medicine and Biology</i> , 2017, 39, 193-201.	1.5	27
4816	Hyperglycemia and high nitric oxide level induced oxidative stress in the brain and molecular alteration in the neurons and glial cells of laboratory mouse, <i>Mus musculus</i> . <i>Neurochemistry International</i> , 2017, 104, 64-79.	1.9	32
4817	Ratiometric Fluorescent Silicon Quantum Dots@Ce6 Complex Probe for the Live Cell Imaging of Highly Reactive Oxygen Species. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 2052-2058.	4.0	63
4818	Redox Control of Skeletal Muscle Regeneration. <i>Antioxidants and Redox Signaling</i> , 2017, 27, 276-310.	2.5	124
4819	Oxidative stress, mitochondrial abnormalities and antioxidant defense in Ataxia-telangiectasia, Bloom syndrome and Nijmegen breakage syndrome. <i>Redox Biology</i> , 2017, 11, 375-383.	3.9	84
4820	Chemoprotective role of quercetin in manganese-induced toxicity along the brain-pituitary-testicular axis in rats. <i>Chemico-Biological Interactions</i> , 2017, 263, 88-98.	1.7	42
4821	Role of melatonin in mitigating nonylphenol-induced toxicity in frontal cortex and hippocampus of rat brain. <i>Neurochemistry International</i> , 2017, 104, 11-26.	1.9	53
4822	Redox Probing for Chemical Information of Oxidative Stress. <i>Analytical Chemistry</i> , 2017, 89, 1583-1592.	3.2	46
4823	Effects of salinity on growth, fatty acid synthesis, and expression of stress response genes in the cyclopid copepod <i>Paracyclopsina nana</i> . <i>Aquaculture</i> , 2017, 470, 182-189.	1.7	33
4824	Oral acute toxicity study as well as tissues oxidative stress and histopathological disorders in edible camphor administered rats. <i>Experimental and Toxicologic Pathology</i> , 2017, 69, 99-108.	2.1	17
4825	Antioxidant Efficacy of Protein Hydrolysates from Large Yellow Croaker (<i>Pseudosciaena crocea</i>) in D-galactose-Induced Aging Mice. <i>Journal of Aquatic Food Product Technology</i> , 2017, 26, 17-28.	0.6	2
4826	Mitochondrial cytochrome c oxidase is inhibited by ATP only at very high ATP/ADP ratios. <i>Biological Chemistry</i> , 2017, 398, 737-750.	1.2	8
4827	Dual thermo/oxidation-responsive block copolymers with self-assembly behaviour and synergistic release. <i>Reactive and Functional Polymers</i> , 2017, 110, 55-61.	2.0	9
4828	Assessment of CdS quantum dots effect on UV damage to DNA using a DNA/quantum dots structured electrochemical biosensor and DNA biosensing in solution. <i>Sensors and Actuators B: Chemical</i> , 2017, 243, 435-444.	4.0	18
4829	Serum bilirubin concentrations and incident coronary heart disease risk among patients with type 2 diabetes: the Dongfeng@Tongji cohort. <i>Acta Diabetologica</i> , 2017, 54, 257-264.	1.2	14
4830	Oxidative stress in major depressive and anxiety disorders, and the association with antidepressant use; results from a large adult cohort. <i>Psychological Medicine</i> , 2017, 47, 936-948.	2.7	60
4831	8-Hydroxy-2-deoxyguanosine levels and heart failure: A systematic review and meta-analysis of the literature. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2017, 27, 201-208.	1.1	38
4832	Prebiotics, Prosynbiotics and Synbiotics: Can They Reduce Plasma Oxidative Stress Parameters? A Systematic Review. <i>Probiotics and Antimicrobial Proteins</i> , 2017, 9, 1-11.	1.9	31

#	ARTICLE	IF	CITATIONS
4833	Oxidative Stress and the Central Nervous System. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2017, 360, 201-205.	1.3	783
4834	Omega-3 fatty acids and mood stabilizers alter behavioral and oxidative stress parameters in animals subjected to fenproporex administration. <i>Metabolic Brain Disease</i> , 2017, 32, 519-528.	1.4	4
4835	Monitoring carnosine uptake by RAW 264.7 macrophage cells using microchip electrophoresis with fluorescence detection. <i>Analytical Methods</i> , 2017, 9, 402-408.	1.3	42
4836	Lycopene inhibits reactive oxygen species production in SK-Hep-1 cells and attenuates acetaminophen-induced liver injury in C57BL/6 mice. <i>Chemico-Biological Interactions</i> , 2017, 263, 7-17.	1.7	21
4837	Self-Assembly of Discrete Ru ^{II} Molecular Cages and Their in Vitro Anticancer Activity. <i>Inorganic Chemistry</i> , 2017, 56, 608-617.	1.9	47
4838	Nanoparticles for radiooncology: Mission, vision, challenges. <i>Biomaterials</i> , 2017, 120, 155-184.	5.7	87
4839	Treatment effect of a flavonoid prescription on duck virus hepatitis by its hepatoprotective and antioxidative ability. <i>Pharmaceutical Biology</i> , 2017, 55, 198-205.	1.3	17
4840	Cluster of Differentiation 36 Deficiency Aggravates Macrophage Infiltration and Hepatic Inflammation by Upregulating Monocyte Chemoattractant Protein-1 Expression of Hepatocytes Through Histone Deacetylase 2-Dependent Pathway. <i>Antioxidants and Redox Signaling</i> , 2017, 27, 201-214.	2.5	38
4841	An Anti-Tumor Peptide from <i>Musca domestica</i> Pupae (MATP) Induces Apoptosis in Human Liver Cancer Cells HepG2 Cells Through a ROS-JNK Pathway. <i>International Journal of Peptide Research and Therapeutics</i> , 2017, 23, 101-109.	0.9	2
4842	Antioxidant, antibacterial and anti-aging activities of intracellular zinc polysaccharides from <i>Grifola frondosa</i> SH-05. <i>International Journal of Biological Macromolecules</i> , 2017, 95, 778-787.	3.6	62
4843	Oocyte Competence in Women with Polycystic Ovary Syndrome. <i>Trends in Endocrinology and Metabolism</i> , 2017, 28, 186-198.	3.1	151
4844	Cardiovascular and All-Cause Mortality Risk Associated With Urinary Excretion of 8-oxoGuo, a Biomarker for RNA Oxidation, in Patients With Type 2 Diabetes: A Prospective Cohort Study. <i>Diabetes Care</i> , 2017, 40, 1771-1778.	4.3	51
4845	Exercise for Cardiovascular Disease Prevention and Treatment. <i>Advances in Experimental Medicine and Biology</i> , 2017, , .	0.8	3
4846	Revisiting the safety of aspartame. <i>Nutrition Reviews</i> , 2017, 75, 718-730.	2.6	76
4847	A fast-response fluorescent probe for hypochlorous acid detection and its application in exogenous and endogenous HOCl imaging of living cells. <i>Chemical Communications</i> , 2017, 53, 12349-12352.	2.2	37
4848	Protective role of quercetin against copper(II)-induced oxidative stress: A spectroscopic, theoretical and DNA damage study. <i>Food and Chemical Toxicology</i> , 2017, 110, 340-350.	1.8	55
4849	Oxidative Stress: Diagnostic Methods and Applications in Medical Science. , 2017, , .		6
4850	Oxidative Stress: Diagnostic Methods and Application in Medical Science. , 2017, , 23-45.		5

#	ARTICLE	IF	CITATIONS
4851	Chemical Biology of Oxidative Stress and Its Role in the Pathophysiology of Neuropsychiatric Disorders. , 2017, , 1-22.		1
4852	Rescue effects of aqueous seed extracts of <i>Foeniculum vulgare</i> and <i>Carum carvi</i> against cadmium-induced hepatic, renal and gonadal damage in female albino rats. <i>Asian Pacific Journal of Tropical Medicine</i> , 2017, 10, 1123-1133.	0.4	14
4853	Electrochemical reactive oxygen species detection by cytochrome <i>c</i> immobilized with vertically aligned and electrochemically reduced graphene oxide on a glassy carbon electrode. <i>Analyst</i> , The, 2017, 142, 4544-4552.	1.7	14
4854	Investigation of antioxidant systems in human meibomian gland and conjunctival tissues. <i>Experimental Eye Research</i> , 2017, 165, 99-104.	1.2	12
4855	DJ&E1 Regulates Differentiation of Human Mesenchymal Stem Cells into Smooth Muscle&Elike Cells in Response to Sphingosylphosphorylcholine. <i>Proteomics</i> , 2017, 17, 1700208.	1.3	4
4856	Interrelationship of salinity shift with oxidative stress and lipid metabolism in the monogonont rotifer <i>Brachionus koreanus</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2017, 214, 79-84.	0.8	34
4857	Procyanidins extracted from the litchi pericarp ameliorate atherosclerosis in ApoE knockout mice: their effects on nitric oxide bioavailability and oxidative stress. <i>Food and Function</i> , 2017, 8, 4210-4216.	2.1	20
4858	AMPK Maintains Cellular Metabolic Homeostasis through Regulation of Mitochondrial Reactive Oxygen Species. <i>Cell Reports</i> , 2017, 21, 1-9.	2.9	405
4859	Covalent attachment of the heme to <i>Synechococcus</i> hemoglobin alters its reactivity toward nitric oxide. <i>Journal of Inorganic Biochemistry</i> , 2017, 177, 171-182.	1.5	7
4860	Triterpenes derived from hydrolyzate of total <i>Gynostemma pentaphyllum</i> saponins with anti-hepatic fibrosis and protective activity against H2O2-induced injury. <i>Phytochemistry</i> , 2017, 144, 226-232.	1.4	16
4861	Rev1 contributes to proper mitochondrial function via the PARP-NAD ⁺ -SIRT1-PGC1 β axis. <i>Scientific Reports</i> , 2017, 7, 12480.	1.6	17
4862	Research advances in the treatment of Alzheimer's disease with polysaccharides from traditional Chinese medicine. <i>Chinese Journal of Natural Medicines</i> , 2017, 15, 641-652.	0.7	13
4863	Camel Milk Attenuates Rheumatoid Arthritis Via Inhibition of Mitogen Activated Protein Kinase Pathway. <i>Cellular Physiology and Biochemistry</i> , 2017, 43, 540-552.	1.1	41
4864	Protective potency of <i>Meristotropis xanthioides</i> against nephrotoxicity in a rat model along with its antioxidant and antibacterial activities. <i>Asian Pacific Journal of Tropical Medicine</i> , 2017, 10, 960-966.	0.4	0
4865	Sensitive analysis of reduced glutathione in bacteria and HaCaT cells by capillary electrophoresis via online pre-concentration of transient trapping combined with the dynamic pH junction mode. <i>New Journal of Chemistry</i> , 2017, 41, 12920-12929.	1.4	7
4866	Protective potential of <i>Parrotiopsis jacquemontiana</i> (Decne) Rehder on carbon tetrachloride induced hepatotoxicity in experimental rats. <i>Biomedicine and Pharmacotherapy</i> , 2017, 95, 1853-1867.	2.5	21
4867	Aloe vera gel improves behavioral deficits and oxidative status in streptozotocin-induced diabetic rats. <i>Biomedicine and Pharmacotherapy</i> , 2017, 96, 279-290.	2.5	40
4868	Phytochemical characterization and bioactivity of <i>Lycium europaeum</i> : A focus on antioxidant, antinociceptive, hepatoprotective and nephroprotective effects. <i>Biomedicine and Pharmacotherapy</i> , 2017, 95, 1441-1450.	2.5	22

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4869	Exercise Amaliorates Metabolic Disturbances and Oxidative Stress in Diabetic Cardiomyopathy: Possible Underlying Mechanisms. <i>Advances in Experimental Medicine and Biology</i> , 2017, 999, 207-230.	0.8	25
4870	Supplementation of American ginseng berry extract mitigated cisplatin-evoked nephrotoxicity by suppressing ROS-mediated activation of MAPK and NF- κ B signaling pathways. <i>Food and Chemical Toxicology</i> , 2017, 110, 62-73.	1.8	63
4871	Oxidative and anti-oxidative status in muscle of young rats in response to six protein diets. <i>Scientific Reports</i> , 2017, 7, 13184.	1.6	11
4874	Redox-Dependent Calpain Signaling in Airway and Pulmonary Vascular Remodeling in COPD. <i>Advances in Experimental Medicine and Biology</i> , 2017, 967, 139-160.	0.8	9
4875	Effects of low-dose irradiation on mice with <i>Escherichia coli</i> -induced sepsis. <i>Toxicology and Applied Pharmacology</i> , 2017, 333, 17-25.	1.3	13
4876	Distribution of arsenic and oxidative stress in mice after rice ingestion. <i>Journal of Trace Elements in Medicine and Biology</i> , 2017, 44, 192-200.	1.5	11
4877	Composition and Nutrient Value Proposition of Brewers Spent Grain. <i>Journal of Food Science</i> , 2017, 82, 2232-2242.	1.5	137
4878	Photodynamic antimicrobial chemotherapy with cationic phthalocyanines against <i>Escherichia coli</i> planktonic and biofilm cultures. <i>RSC Advances</i> , 2017, 7, 40734-40744.	1.7	32
4879	Hepatoprotective Effects of Xylose-Taurine Reduced Against Hydrogen Peroxide-Induced Oxidative Stress in Cultured Hepatocytes. <i>Advances in Experimental Medicine and Biology</i> , 2017, 975 Pt 1, 621-631.	0.8	7
4880	Cardamonin induces ROS-mediated G2/M phase arrest and apoptosis through inhibition of NF- κ B pathway in nasopharyngeal carcinoma. <i>Cell Death and Disease</i> , 2017, 8, e3024-e3024.	2.7	48
4881	EPR Technology as Sensitive Method for Oxidative Stress Detection in Primary and Secondary Keratinocytes Induced by Two Selected Nanoparticles. <i>Cell Biochemistry and Biophysics</i> , 2017, 75, 359-367.	0.9	7
4882	Phenolic compounds, antioxidant activity, antiproliferative activity and bioaccessibility of Sea buckthorn (<i>Hippophae rhamnoides</i> L.) berries as affected by <i>in vitro</i> digestion. <i>Food and Function</i> , 2017, 8, 4229-4240.	2.1	51
4883	Impaired antioxidant enzyme functions with increased lipid peroxidation in epithelial ovarian cancer. <i>IUBMB Life</i> , 2017, 69, 802-813.	1.5	11
4884	The Chemical and Biological Properties of Propolis. , 2017, , 137-178.		25
4885	In vitro, In silico and In vivo Antitumor Activity of Crude Methanolic Extract of <i>Tetilla dactyloidea</i> (Carter, 1869) on DEN Induced HCC in a Rat Model. <i>Biomedicine and Pharmacotherapy</i> , 2017, 95, 795-807.	2.5	15
4886	Mutation in GNE Downregulates Peroxiredoxin IV Altering ER Redox Homeostasis. <i>NeuroMolecular Medicine</i> , 2017, 19, 525-540.	1.8	13
4887	Methyl aspartylphenylalanine, the pons and cerebellum in mice: An evaluation of motor, morphological, biochemical, immunohistochemical and apoptotic effects. <i>Journal of Chemical Neuroanatomy</i> , 2017, 86, 67-77.	1.0	14
4888	Polymorphism of ERCC1 rs3212986 in Chinese Han women with preeclampsia. <i>Pregnancy Hypertension</i> , 2017, 10, 192-195.	0.6	0

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4889	C(sp ³)â€”H amination of 8-methylquinolines with azodicarboxylates under Rh(<i>iii</i>) catalysis: cytotoxic evaluation of quinolin-8-ylmethanamines. <i>Chemical Communications</i> , 2017, 53, 11197-11200.	2.2	22
4890	Pathological Effects of Exosomes in Mediating Diabetic Cardiomyopathy. <i>Advances in Experimental Medicine and Biology</i> , 2017, 998, 113-138.	0.8	32
4891	Computational design of bio-inspired carnosine-based HOBr antioxidants. <i>Journal of Computer-Aided Molecular Design</i> , 2017, 31, 905-913.	1.3	8
4892	Hepatoprotective effect of methanolic <i>Tanacetum parthenium</i> extract on CCl ₄ -induced liver damage in rats. <i>Toxicology Reports</i> , 2017, 4, 455-462.	1.6	63
4893	Mitochondrial dysfunction in the APP/PSEN1 mouse model of Alzheimerâ€™s disease and a novel protective role for ascorbate. <i>Free Radical Biology and Medicine</i> , 2017, 112, 515-523.	1.3	53
4894	Interactive effects of ethanol on ulcerative colitis and its associated testicular dysfunction in pubertal BALB/c mice. <i>Alcohol</i> , 2017, 64, 65-75.	0.8	10
4895	Enhancement of cancerous cells treatment by applying cold atmospheric plasma and photo dynamic therapy simultaneously. <i>Clinical Plasma Medicine</i> , 2017, 7-8, 46-51.	3.2	10
4896	Ceriaâ€”Zirconia Nanoparticles as an Enhanced Multiâ€”Antioxidant for Sepsis Treatment. <i>Angewandte Chemie</i> , 2017, 129, 11557-11561.	1.6	34
4897	Arsenite induces DNA damage <i>via</i> mitochondrial ROS and induction of mitochondrial permeability transition. <i>BioFactors</i> , 2017, 43, 673-684.	2.6	27
4898	Tussilagonone-induced Nrf2 pathway activation protects HepG2 cells from oxidative injury. <i>Food and Chemical Toxicology</i> , 2017, 108, 120-127.	1.8	14
4899	Cellular antioxidant, methylglyoxal trapping, and anti-inflammatory activities of cocoa tea (<i>Camellia</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.1	11
4900	Doseâ€”Response Effect of Tualang Honey on Postprandial Antioxidant Activity and Oxidative Stress in Female Athletes: A Pilot Study. <i>Journal of Alternative and Complementary Medicine</i> , 2017, 23, 989-995.	2.1	22
4901	MYB30 transcription factor regulates oxidative and heat stress responses through ANNEXINâ€”mediated cytosolic calcium signaling in <i>Arabidopsis</i> . <i>New Phytologist</i> , 2017, 216, 163-177.	3.5	135
4902	Variations in the Bioactive Compounds Composition and Biological Activities of Loofah (<i>Luffa</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 12	1.0	12
4903	Synthesis and antioxidant ability of 6,6â€”diamino-6,6â€”dideoxytrehalose. <i>Bioorganic Chemistry</i> , 2017, 74, 66-71.	2.0	12
4904	Reaction-based small-molecule fluorescent probes for dynamic detection of ROS and transient redox changes in living cells and small animals. <i>Journal of Molecular and Cellular Cardiology</i> , 2017, 110, 96-108.	0.9	16
4905	Evaluation of anthelmintic antimicrobial and antioxidant activity of <i>Chenopodium album</i> . <i>Tropical Animal Health and Production</i> , 2017, 49, 1597-1605.	0.5	20
4906	Broccoli seed extracts but not sulforaphane have strong free radical scavenging activities. <i>International Journal of Food Science and Technology</i> , 2017, 52, 2374-2381.	1.3	9

#	ARTICLE	IF	CITATIONS
4907	Hydrogen-rich medium protects mouse embryonic fibroblasts from oxidative stress by activating LKB1-AMPK-FoxO1 signal pathway. <i>Biochemical and Biophysical Research Communications</i> , 2017, 491, 733-739.	1.0	13
4908	Inhibition of glial hemichannels by boldine treatment reduces neuronal suffering in a murine model of Alzheimer's disease. <i>Glia</i> , 2017, 65, 1607-1625.	2.5	75
4909	Real-time Selective Detection of Hydrogen Peroxide Based on a Tantalum Deposited Pencil Lead Electrode for Evaluation of Enzyme Activities. <i>Electroanalysis</i> , 2017, 29, 2254-2260.	1.5	0
4910	Fractionation and identification of antioxidant peptides from an enzymatically hydrolysed <i>Palmaria palmata</i> protein isolate. <i>Food Research International</i> , 2017, 100, 416-422.	2.9	104
4911	Effects of folic acid on rat kidney exposed to 900 MHz electromagnetic radiation. <i>Journal of Microscopy and Ultrastructure</i> , 2017, 5, 198.	0.1	17
4912	Carboxymethylpullulan Grafted with Aminoguaiacol: Synthesis, Characterization, and Assessment of Antibacterial and Antioxidant Properties. <i>Biomacromolecules</i> , 2017, 18, 3238-3251.	2.6	15
4913	Decreased total antioxidant levels and increased oxidative stress in South African type 2 diabetes mellitus patients. <i>Journal of Endocrinology Metabolism and Diabetes of South Africa</i> , 2017, 22, 21-25.	0.4	28
4914	Ethylene, an early marker of systemic inflammation in humans. <i>Scientific Reports</i> , 2017, 7, 6889.	1.6	32
4915	The participation of oxidative stress in the pathogenesis of bronchial asthma. <i>Biomedicine and Pharmacotherapy</i> , 2017, 94, 100-108.	2.5	55
4916	Repeated Mild Traumatic Brain Injury. <i>Cell Transplantation</i> , 2017, 26, 1131-1155.	1.2	165
4918	Feed supplementation with arginine and zinc on antioxidant status and inflammatory response in challenged weanling piglets. <i>Animal Nutrition</i> , 2017, 3, 236-246.	2.1	7
4919	Effects of combined inositol hexakisphosphate and inositol supplement on antioxidant activity and metabolic enzymes in the liver of streptozotocin-induced type 2 diabetic rats. <i>Chemico-Biological Interactions</i> , 2017, 275, 108-115.	1.7	23
4920	Effects of sub-chronic exposure to terbuthylazine on DNA damage, oxidative stress and parent compound/metabolite levels in adult male rats. <i>Food and Chemical Toxicology</i> , 2017, 108, 93-103.	1.8	17
4922	Cellular redox dysfunction in the development of cardiovascular diseases. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 2822-2829.	1.1	70
4923	Synthesis and Anticancer Evaluation of 2,3-Disubstituted Indoles Derived from Azobenzenes and Internal Olefins. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 6265-6273.	1.2	18
4924	The comparative effect of chlorine and Huwa-san as disinfecting agents on <i>Biomphalaria alexandrina</i> snails and free larval stages of <i>Schistosoma mansoni</i> . <i>Parasitology Research</i> , 2017, 116, 2627-2635.	0.6	4
4925	Postcolumn determination of polyphenolic antioxidants in <i>Cirsium vulgare</i> (Savi) Ten. extracts. <i>Journal of Separation Science</i> , 2017, 40, 3830-3838.	1.3	5
4926	Radical Scavenging Antioxidant Cyclic Dipeptides and Silk Fibroin Biomaterials. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 4363-4369.	1.2	19

#	ARTICLE	IF	CITATIONS
4927	Effects of water accommodated fractions (WAFs) of crude oil in two congeneric copepods <i>Tigriopus</i> sp.. <i>Ecotoxicology and Environmental Safety</i> , 2017, 145, 511-517.	2.9	19
4928	Ethanol exposure leads to disorder of blood island formation in early chick embryo. <i>Reproductive Toxicology</i> , 2017, 73, 96-104.	1.3	4
4929	Cadmium induces histopathological injuries and ultrastructural changes in the liver of freshwater turtle (<i>Chinemys reevesii</i>). <i>Chemosphere</i> , 2017, 186, 459-465.	4.2	19
4930	Nasunin inhibits the lipopolysaccharide-induced pro-inflammatory mediator production in RAW264 mouse macrophages by suppressing ROS-mediated activation of PI3K/Akt/NF- κ B and p38 signaling pathways. <i>Bioscience, Biotechnology and Biochemistry</i> , 2017, 81, 1956-1966.	0.6	14
4931	Dexrazoxane Averts Idarubicin-Evoked Genomic Damage by Regulating Gene Expression Profiling Associated With the DNA Damage-Signaling Pathway in BALB/c Mice. <i>Toxicological Sciences</i> , 2017, 160, 161-172.	1.4	12
4932	Beneficial effects of dried pomegranate juice concentrated powder on ultraviolet B-induced skin photoaging in hairless mice. <i>Experimental and Therapeutic Medicine</i> , 2017, 14, 1023-1036.	0.8	16
4933	Detection of cellular redox reactions and antioxidant activity assays. <i>Journal of Functional Foods</i> , 2017, 37, 467-479.	1.6	63
4934	Chemiluminescence from recombinant spider silk under thermo-oxidative degradation. <i>Polymer Degradation and Stability</i> , 2017, 144, 264-269.	2.7	8
4935	Improvement of obesity-linked skeletal muscle insulin resistance by strength and endurance training. <i>Journal of Endocrinology</i> , 2017, 234, R159-R181.	1.2	56
4936	Learning Objectives for Weaving Evolutionary Thinking into Medical Education. <i>Medical Science Educator</i> , 2017, 27, 137-145.	0.7	2
4937	Mechanisms of Hypercoagulation and Aberrant Clot Lyses in Type 2 Diabetes. , 2017, , 377-393.		2
4938	Anti-inflammatory, analgesic and antioxidant effects of phenolic compound from Algerian <i>Mentha rotundifolia</i> L. leaves on experimental animals. <i>South African Journal of Botany</i> , 2017, 113, 77-83.	1.2	21
4939	Site-selective Rhodium(III)-Catalyzed C-H Amination of 7-Azaindoles with Anthranils: Synthesis and Anticancer Evaluation. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 3471-3478.	2.1	62
4940	Nuclear factor (erythroid-derived 2)-like 2 (NRF2) drug discovery: Biochemical toolbox to develop NRF2 activators by reversible binding of Kelch-like ECH-associated protein 1 (KEAP1). <i>Archives of Biochemistry and Biophysics</i> , 2017, 631, 31-41.	1.4	39
4941	<i>Annona muricata</i> leaves extracts prevent DMBA/TPA-induced skin tumorigenesis via modulating antioxidants enzymes system in ICR mice. <i>Biomedicine and Pharmacotherapy</i> , 2017, 94, 481-488.	2.5	32
4942	Effect of antigen stimulation on the oxidative stress parameters in sperm of outbred and inbred rabbits. <i>Biotechnology and Biotechnological Equipment</i> , 2017, , 1-7.	0.5	0
4943	Status and trends of nutraceuticals from onion and onion by-products: A critical review. <i>Cogent Food and Agriculture</i> , 2017, 3, 1280254.	0.6	32
4944	Oxidative metabolism may be associated with negative symptoms in schizophrenia. <i>Journal of Theoretical Social Psychology</i> , 2017, 27, 54-61.	1.2	12

#	ARTICLE	IF	CITATIONS
4945	MAPK/JNK1 activation protects cells against cadmium-induced autophagic cell death via differential regulation of catalase and heme oxygenase-1 in oral cancer cells. <i>Toxicology and Applied Pharmacology</i> , 2017, 332, 81-91.	1.3	20
4946	Nitric oxide mediates apoptosis and mitochondrial dysfunction and plays a role in growth hormone deficiency by nivalenol in GH3 cells. <i>Scientific Reports</i> , 2017, 7, 17079.	1.6	15
4947	A Double-Blind, Randomized Prospective Study to Evaluate the Efficacy of Previous Therapy With Melatonin, Myo-inositol, Folic Acid, and Selenium in Improving the Results of an Assisted Reproductive Treatment. <i>Clinical Medicine Insights Therapeutics</i> , 2017, 9, 1179559X1774290.	0.4	10
4948	ROS-induced cleavage of NHLRC2 by caspase-8 leads to apoptotic cell death in the HCT116 human colon cancer cell line. <i>Cell Death and Disease</i> , 2017, 8, 3218.	2.7	42
4949	Nano-antimicrobials: A Viable Approach to Tackle Multidrug-Resistant Pathogens. , 2017, , 31-54.		7
4950	Differential effects of plant growth regulators on physiology, steviol glycosides content, and antioxidant capacity in micropropagated tissues of <i>Stevia rebaudiana</i> . <i>Biologia (Poland)</i> , 2017, 72, 1156-1165.	0.8	7
4951	Radical scavenging-linked anti-adipogenic activity of <i>Alnus firma</i> extracts. <i>International Journal of Molecular Medicine</i> , 2017, 41, 119-128.	1.8	2
4952	The elemental changes occurring in the rat liver after exposure to PEG-coated iron oxide nanoparticles: total reflection x-ray fluorescence (TXRF) spectroscopy study. <i>Nanotoxicology</i> , 2017, 11, 1225-1236.	1.6	11
4953	Ultrasound-Assisted Synthesis and Antioxidant Activity of 3-Selanyl-1 <i>H</i> -indole and 3-Selanylimidazo[1,2- <i>a</i>]pyridine Derivatives. <i>Asian Journal of Organic Chemistry</i> , 2017, 6, 1635-1646.	1.3	67
4954	Oral exposure to dibutyl phthalate exacerbates chronic lymphocytic thyroiditis through oxidative stress in female Wistar rats. <i>Scientific Reports</i> , 2017, 7, 15469.	1.6	32
4955	The Efficacy and Pharmacological Mechanism of Zn7MT3 to Protect against Alzheimer's Disease. <i>Scientific Reports</i> , 2017, 7, 13763.	1.6	16
4956	Antioxidant and anti-inflammatory properties of <i>Ilex guayusa</i> tea preparations: a comparison to <i>Camellia sinensis</i> teas. <i>Food and Function</i> , 2017, 8, 4601-4610.	2.1	30
4957	Does Oxidative Stress Play a Role in Altered Characteristics of Diabetic Bone? A Systematic Review. <i>Calcified Tissue International</i> , 2017, 101, 553-563.	1.5	25
4958	The role of resveratrol on full thickness uterine wound healing in rats. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2017, 56, 657-663.	0.5	15
4959	Lipid-based nanosystem of edaravone: development, optimization, characterization and in vitro/in vivo evaluation. <i>Drug Delivery</i> , 2017, 24, 962-978.	2.5	23
4960	Telomere dynamics in a lizard with morph-specific reproductive investment and self-maintenance. <i>Ecology and Evolution</i> , 2017, 7, 5163-5169.	0.8	35
4961	Metabolomics analysis identifies sex-associated metabotypes of oxidative stress and the autotaxin-lysoPA axis in COPD. <i>European Respiratory Journal</i> , 2017, 49, 1602322.	3.1	74
4962	Local Generation and Imaging of Hydrogen Peroxide in Living Cells. <i>Current Protocols in Chemical Biology</i> , 2017, 9, 117-127.	1.7	23

#	ARTICLE	IF	CITATIONS
4963	Activator protein-1 (AP-1): a bridge between life and death in lung epithelial (A549) cells under hypoxia. <i>Molecular and Cellular Biochemistry</i> , 2017, 436, 99-110.	1.4	28
4964	Autoreactivity to malondialdehyde-modifications in rheumatoid arthritis is linked to disease activity and synovial pathogenesis. <i>Journal of Autoimmunity</i> , 2017, 84, 29-45.	3.0	48
4965	Dietary alkylresorcinols and cancer prevention: a systematic review. <i>European Food Research and Technology</i> , 2017, 243, 1693-1710.	1.6	44
4966	Glycine max Merr. leaf extract possesses anti-oxidant properties, decreases inflammatory mediator production in murine macrophages, and inhibits growth, migration, and adhesion in human cancer cells. <i>Food Science and Biotechnology</i> , 2017, 26, 245-253.	1.2	9
4967	Effect of different doses of 2-aminethoxydiphenyl borate on intestinal ischemia-reperfusion injury. <i>European Surgery - Acta Chirurgica Austriaca</i> , 2017, 49, 32-37.	0.3	2
4968	Increased oxidative stress and deficient antioxidant levels may be involved in the pathogenesis of idiopathic recurrent acute pancreatitis. <i>Pancreatology</i> , 2017, 17, 529-533.	0.5	37
4969	New pallada- and platinacycle complexes of phosphorus ylide: Synthesis, structural characterization, antioxidant capacity and catalytic behavior towards Mizoroki-Heck reactions. <i>Polyhedron</i> , 2017, 135, 1-9.	1.0	6
4970	Glucose 6-phosphate dehydrogenase and the kidney. <i>Current Opinion in Nephrology and Hypertension</i> , 2017, 26, 43-49.	1.0	38
4971	Multi-hierarchical responsive polymers: stepwise oxidation of a selenium- and tellurium-containing block copolymer with sensitivity to both chemical and electrochemical stimuli. <i>Polymer Chemistry</i> , 2017, 8, 4520-4527.	1.9	29
4972	Ultrasound-assisted extraction process of phenolic antioxidants from Olive leaves: a nutraceutical study using RSM and LC-ESI-DAD-MS. <i>Journal of Food Science and Technology</i> , 2017, 54, 2361-2371.	1.4	51
4973	Adverse effects of methylmercury (MeHg) on life parameters, antioxidant systems, and MAPK signaling pathways in the rotifer <i>Brachionus koreanus</i> and the copepod <i>Paracyclopsina nana</i> . <i>Aquatic Toxicology</i> , 2017, 190, 181-189.	1.9	44
4974	Antioxidant effects of <i>Geranium nepalense</i> ethanol extract on H ₂ O ₂ -induced cytotoxicity in H9c2, SH-SY5Y, BEAS-2B, and HEK293. <i>Food Science and Biotechnology</i> , 2017, 26, 1045-1053.	1.2	9
4975	Antimutagenic and cancer preventive potential of culinary spices and their bioactive compounds. <i>PharmaNutrition</i> , 2017, 5, 89-102.	0.8	11
4976	Platelets redox balance assessment: Current evidence and methodological considerations. <i>Vascular Pharmacology</i> , 2017, 93-95, 6-13.	1.0	23
4977	Cigarette smoke is associated with altered expression of antioxidant enzymes in granulosa cells from women undergoing <i>in vitro</i> fertilization. <i>Zygote</i> , 2017, 25, 296-303.	0.5	19
4978	Plasmatic and Intracellular Markers of Oxidative Stress in Normal Weight and Obese Patients with Polycystic Ovary Syndrome. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2017, 125, 506-513.	0.6	14
4979	Effect of walnut protein hydrolysate on scopolamine-induced learning and memory deficits in mice. <i>Journal of Food Science and Technology</i> , 2017, 54, 3102-3110.	1.4	36
4980	Pear pomace water extract suppresses hepatic lipid peroxidation and protects against liver damage in rats fed a high fat/cholesterol diet. <i>Food Science and Biotechnology</i> , 2017, 26, 801-806.	1.2	7

#	ARTICLE	IF	CITATIONS
4981	H2O2-responsive theranostic nanomedicine. Chinese Chemical Letters, 2017, 28, 1841-1850.	4.8	44
4982	Epigenetic modulations in nanoparticle-mediated toxicity. Food and Chemical Toxicology, 2017, 109, 746-752.	1.8	43
4983	Novel Class of Potent and Cellularly Active Inhibitors Devalidates MTH1 as Broad-Spectrum Cancer Target. ACS Chemical Biology, 2017, 12, 1986-1992.	1.6	50
4984	Role of the adjunctive antimicrobial photodynamic therapy to periodontal treatment at plasmatic oxidative stress and vascular behavior. Journal of Photochemistry and Photobiology B: Biology, 2017, 173, 538-544.	1.7	7
4985	Ovotoxicity of cigarette smoke: A systematic review of the literature. Reproductive Toxicology, 2017, 72, 164-181.	1.3	45
4986	Terminalia bellirica (Gaertn.) Roxb. fruit mitigates CCl4 induced oxidative stress and hepatotoxicity in rats. Biomedicine and Pharmacotherapy, 2017, 93, 327-333.	2.5	31
4987	Redox regulation of a guard cell SNF1-related protein kinase in <i>Brassica napus</i> , an oilseed crop. Biochemical Journal, 2017, 474, 2585-2599.	1.7	21
4988	Cellular protective effect of novel dimeric ferulamide derivatives against UVA and $1 O_2$ and its structural mechanism. Journal of Industrial and Engineering Chemistry, 2017, 53, 164-170.	2.9	1
4989	Investigation of antioxidant, antimicrobial and toxicity activities of lichens from high altitude regions of Nepal. BMC Complementary and Alternative Medicine, 2017, 17, 282.	3.7	25
4990	Effects of oil quality and antioxidant supplementation on sow performance, milk composition and oxidative status in serum and placenta. Lipids in Health and Disease, 2017, 16, 107.	1.2	16
4991	Polymeric micelles with dual thermal and reactive oxygen species (ROS)-responsiveness for inflammatory cancer cell delivery. Journal of Nanobiotechnology, 2017, 15, 39.	4.2	38
4992	Feedback inhibition of CREB signaling by p38 MAPK contributes to the negative regulation of steroidogenesis. Reproductive Biology and Endocrinology, 2017, 15, 19.	1.4	19
4993	The physiological cost of male-biased parasitism in a nearly monomorphic mammal. Parasites and Vectors, 2017, 10, 200.	1.0	15
4994	Modulation of oxidative stress mediators in the liver of adjuvant induced arthritic rats by <i>Nyctanthes arbor tristis</i> . Clinical Phytoscience, 2017, 3, .	0.8	2
4995	Sausage tree (<i>Kigelia africana</i>) flavonoid extract is neuroprotective in A β 1-35-induced experimental Alzheimer's disease. Pathophysiology, 2017, 24, 251-259.	1.0	20
4996	Novel approach for the voltammetric evaluation of antioxidant activity using DPPH -modified electrode. Electrochimica Acta, 2017, 247, 97-106.	2.6	17
4997	Towards the design of 3-aminopyrazole pharmacophore of pyrazolopyridine derivatives as novel antioxidants. Medicinal Chemistry Research, 2017, 26, 2699-2706.	1.1	1
4998	Comparative analysis of two thioredoxin-like genes in black rockfish <i>Sebastes schlegelii</i> and their possible involvement in redox homeostasis and innate immune responses. Developmental and Comparative Immunology, 2017, 67, 43-56.	1.0	12

#	ARTICLE	IF	CITATIONS
4999	Oxidative status and prolidase activities in generalized anxiety disorder. <i>Asian Journal of Psychiatry</i> , 2017, 25, 118-122.	0.9	25
5000	Protective effect of <i>Allium sativum</i> (garlic) aqueous extract against lead-induced oxidative stress in the rat brain, liver, and kidney. <i>Environmental Science and Pollution Research</i> , 2017, 24, 1544-1552.	2.7	46
5001	Glycidamide inhibits progesterone production through reactive oxygen species-induced apoptosis in R2C Rat Leydig Cells. <i>Food and Chemical Toxicology</i> , 2017, 108, 563-570.	1.8	32
5002	PDLLA scaffolds with Cu and Zn doped bioactive glasses having multifunctional properties for bone regeneration. <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 746-756.	2.1	52
5003	Nanoencapsulation of coenzyme Q10 and vitamin E acetate protects against UVB radiation-induced skin injury in mice. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 150, 32-40.	2.5	55
5004	Biological effects of bacterial pigment undecylprodigiosin on human blood cells treated with atmospheric gas plasma in vitro. <i>Experimental and Toxicologic Pathology</i> , 2017, 69, 55-62.	2.1	3
5005	ATM-ROS-iNOS axis regulates nitric oxide mediated cellular senescence. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2017, 1864, 177-190.	1.9	20
5006	Mechanisms of Vascular Disease. , 2017, , 221-244.		1
5007	Obesity is not a descriptive factor for oxidative stress and viscosity in follicular fluid of in vitro fertilization patients. <i>Irish Journal of Medical Science</i> , 2017, 186, 641-646.	0.8	2
5008	MTH1 as a nucleotide pool sanitizing enzyme: Friend or foe?. <i>Free Radical Biology and Medicine</i> , 2017, 107, 151-158.	1.3	58
5009	A proteomics approach to identifying novel protein targets involved in erinacine A mediated inhibition of colorectal cancer cells aggressiveness. <i>Journal of Cellular and Molecular Medicine</i> , 2017, 21, 588-599.	1.6	30
5010	Theoretical and experimental analysis of the antioxidant features of diarylhydrazones. <i>Structural Chemistry</i> , 2017, 28, 391-402.	1.0	20
5011	UV and fluorescent spectra study the reaction between 1, 8-Naphthalimide derivative and hypochlorite their applications. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 174, 17-24.	2.0	20
5012	MECHANISMS IN ENDOCRINOLOGY: Nutrition as a mediator of oxidative stress in metabolic and reproductive disorders in women. <i>European Journal of Endocrinology</i> , 2017, 176, R79-R99.	1.9	37
5013	SRB1 as a new redox target of cigarette smoke in human sebocytes. <i>Free Radical Biology and Medicine</i> , 2017, 102, 47-56.	1.3	14
5014	Food properties and dietary habits in colorectal cancer prevention and development. <i>International Journal of Food Properties</i> , 2017, 20, 2323-2343.	1.3	20
5015	Biomarkers of oxidative and nitrooxidative stress: conventional and novel approaches. <i>British Journal of Pharmacology</i> , 2017, 174, 1771-1783.	2.7	71
5016	Fullerene nanoparticle in dermatological and cosmetic applications. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 1071-1087.	1.7	105

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5017	Comparison of distribution and toxicity of different types of zinc-based nanoparticles. <i>Environmental Toxicology</i> , 2017, 32, 1363-1374.	2.1	10
5018	Biochemical and molecular modulation of CCl ₄ -induced peripheral and central damage by <i>Tilia americana</i> var. <i>mexicana</i> extracts. <i>Saudi Pharmaceutical Journal</i> , 2017, 25, 319-331.	1.2	9
5019	Muscle redox disturbances and oxidative stress as pathomechanisms and therapeutic targets in early-onset myopathies. <i>Seminars in Cell and Developmental Biology</i> , 2017, 64, 213-223.	2.3	51
5020	Oxidative stress status in Chinese women with different clinical phenotypes of polycystic ovary syndrome. <i>Clinical Endocrinology</i> , 2017, 86, 88-96.	1.2	58
5021	Mitochondrial Ca ²⁺ and regulation of the permeability transition pore. <i>Journal of Bioenergetics and Biomembranes</i> , 2017, 49, 27-47.	1.0	156
5022	Improving the antioxidant functionality of <i>Citrus junos</i> Tanaka (yuzu) fruit juice by underwater shockwave pretreatment. <i>Food Chemistry</i> , 2017, 216, 123-129.	4.2	27
5023	Genetic ablation of the p66Shc adaptor protein reverses cognitive deficits and improves mitochondrial function in an APP transgenic mouse model of Alzheimer's disease. <i>Molecular Psychiatry</i> , 2017, 22, 605-614.	4.1	26
5024	In Vivo Characterization of I91T Sod2 Polymorphism of <i>Saccharomyces cerevisiae</i> . <i>Journal of Cellular Biochemistry</i> , 2017, 118, 1078-1086.	1.2	5
5025	Enhanced Chemiluminescence Determination of Hydrogen Peroxide in Milk Sample Using Metal-Organic Framework Fe-MIL-88NH ₂ as Peroxidase Mimetic. <i>Food Analytical Methods</i> , 2017, 10, 626-633.	1.3	39
5026	Ginseng essence, a medicinal and edible herbal formulation, ameliorates carbon tetrachloride-induced oxidative stress and liver injury in rats. <i>Journal of Ginseng Research</i> , 2017, 41, 316-325.	3.0	22
5027	Beyond the therapeutic shackles of the monoamines: New mechanisms in bipolar disorder biology. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2017, 72, 73-86.	2.5	31
5028	Different effects of blue and red light-emitting diodes on antioxidant responses in the liver and ovary of zebrafish <i>Danio rerio</i> . <i>Fish Physiology and Biochemistry</i> , 2017, 43, 411-419.	0.9	9
5029	A new glycosidic antioxidant from <i>Ranunculus muricatus</i> L. (Ranunculaceae) exhibited lipoxigenase and xanthine oxidase inhibition properties. <i>Natural Product Research</i> , 2017, 31, 1251-1257.	1.0	24
5030	Development and validation of a near infrared spectrophotometric method to determine total antioxidant activity of milk. <i>Food Chemistry</i> , 2017, 220, 371-376.	4.2	20
5031	Combination strategy of PARP inhibitor with antioxidant prevent bioenergetic deficits and inflammatory changes in CCl ₄ -induced neuropathy. <i>Neuropharmacology</i> , 2017, 113, 137-147.	2.0	31
5032	Silvering and swimming effects on aerobic metabolism and reactive oxygen species in the European eel. <i>Respiratory Physiology and Neurobiology</i> , 2017, 235, 40-44.	0.7	4
5033	Free radical scavenging injectable hydrogels for regenerative therapy. <i>Materials Science and Engineering C</i> , 2017, 71, 100-110.	3.8	29
5034	Mediterranean meal versus Western meal effects on postprandial ox-LDL, oxidative and inflammatory gene expression in healthy subjects: a randomized controlled trial for nutrigenomic approach in cardiometabolic risk. <i>Acta Diabetologica</i> , 2017, 54, 141-149.	1.2	44

#	ARTICLE	IF	CITATIONS
5035	The oxidant-antioxidant equilibrium, activities of selected lysosomal enzymes and activity of acute phase protein in peripheral blood of 18-year-old football players after aerobic cycle ergometer test combined with ice-water immersion or recovery at room temperature. <i>Cryobiology</i> , 2017, 74, 126-131.	0.3	10
5036	Antioxidants and HNE in redox homeostasis. <i>Free Radical Biology and Medicine</i> , 2017, 111, 87-101.	1.3	152
5037	Gut Microbiota, Bacterial Translocation, and Interactions with Diet: Pathophysiological Links between Major Depressive Disorder and Non-Communicable Medical Comorbidities. <i>Psychotherapy and Psychosomatics</i> , 2017, 86, 31-46.	4.0	176
5038	Characterization and antioxidant evaluation of phenolic compounds extracted from the protein concentrate and protein isolate produced from pawpaw (<i>Carica papaya</i> Linn.) seeds. <i>International Journal of Food Properties</i> , 2017, 20, 2423-2436.	1.3	27
5039	Real-Time H ₂ O ₂ Measurements in Bone Marrow Mesenchymal Stem Cells (MSCs) Show Increased Antioxidant Capacity in Cells From Osteoporotic Women. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 585-593.	1.2	9
5040	The detoxification responses, damage effects and bioaccumulation in the scallop <i>Chlamys farreri</i> exposed to single and mixtures of benzo[a]pyrene and chrysene. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2017, 191, 36-51.	1.3	37
5041	Visible light-mediated photodegradation of imidazoline drugs in the presence of Riboflavin: Possible undesired effects on imidazoline-based eye drops. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017, 332, 399-405.	2.0	6
5042	The effect of grinding at various vacuum levels on the color, phenolics, and antioxidant properties of apple. <i>Food Chemistry</i> , 2017, 216, 234-242.	4.2	33
5043	Specificity of Hydrolysable Tannins from <i>Rhus typhina</i> L. to Oxidants in Cell and Cell-Free Models. <i>Applied Biochemistry and Biotechnology</i> , 2017, 181, 495-510.	1.4	18
5044	Submaximal exercise training, more than dietary selenium supplementation, improves antioxidant status and ameliorates exercise-induced oxidative damage to skeletal muscle in young equine athletes. <i>Journal of Animal Science</i> , 2017, 95, 657-670.	0.2	19
5045	The glutathione system in the subcellular fractions of developing rat brain and liver. <i>Neurochemical Journal</i> , 2017, 11, 266-271.	0.2	7
5046	Biomonitoring Study on Workers Occupationally Exposed to Automobile Fuels. <i>International Journal of Human Genetics</i> , 2017, 17, 31-37.	0.1	3
5047	Effectiveness of bis(phenylimidazoselenazolyl) diselenide on a mouse model of inflammatory nociception. <i>Biomedicine and Pharmacotherapy</i> , 2017, 96, 56-63.	2.5	4
5048	<i>Garcinia xanthochymus</i> extract protects PC12 cells from H ₂ O ₂ -induced apoptosis through modulation of PI3K/AKT and NRF2/HO-1 pathways. <i>Chinese Journal of Natural Medicines</i> , 2017, 15, 825-833.	0.7	9
5049	An Immunohistochemical Study on the Role of Oxidative and Nitrosative Stress in Irradiated Skin. <i>Cells Tissues Organs</i> , 2017, 203, 12-19.	1.3	7
5050	Tetramethylpyrazine Protects Bone Marrow-Derived Mesenchymal Stem Cells against Hydrogen Peroxide-Induced Apoptosis through PI3K/Akt and ERK1/2 Pathways. <i>Biological and Pharmaceutical Bulletin</i> , 2017, 40, 2146-2152.	0.6	29
5051	A New Kinetic, Automated Assay to Determine the Ferroxidase Activity of Ceruloplasmin. <i>Analytical Sciences</i> , 2017, 33, 1339-1344.	0.8	12
5052	Plant-Based Diets for Health Maintenance and Disease Prevention: Why and How?. , 2017, , 89-112.		0

#	ARTICLE	IF	CITATIONS
5053	Plant Antioxidants in the Prevention of Early Life Programming Diseases. , 2017, , 159-188.		0
5054	Free Radicals and Antioxidants in Human Disease. , 2017, , 283-305.		19
5055	Salvia Biotechnology. , 2017, , .		7
5056	Antihyperlipidaemic and hepatoprotective activities of acidic and enzymatic hydrolysis exopolysaccharides from <i>Pleurotus eryngii</i> SI-04. BMC Complementary and Alternative Medicine, 2017, 17, 403.	3.7	30
5057	Essential Oil Composition, Antioxidant, Antidiabetic and Antihypertensive Properties of Two <i>Andropogon squarrosus</i> Species. Journal of Oleo Science, 2017, 66, 51-63.	0.6	40
5058	In vitro cytotoxicity of cerium dioxide nanoparticles and its effect on nitrite-ion production in normal and transplantable cell lines. , 2017, , .		0
5059	Invitro cytotoxic study of aloe vera whole leaf extract on PBMC and breast cancer cell line. , 2017, , .		2
5060	Redox Regulation by HGF/c-Met in Liver Disease. , 2017, , 375-387.		4
5061	Health Status Improved by Aronia Melanocarpa Polyphenolic Extract. , 0, , .		0
5062	Role of Endothelial Nitric Oxide Synthase in Breast Cancer. , 2017, , .		4
5063	Atmospheric Pressure Plasma Irradiation on Embryonic Stem Cells: Signals and Differentiation. Plasma Medicine, 2017, 7, 215-225.	0.2	5
5064	Relationship between hyposalivation and oxidative stress in aging mice. Journal of Clinical Biochemistry and Nutrition, 2017, 61, 40-46.	0.6	38
5065	COMPREHENSIVE INVITRO EVALUATION OF PHARMACOLOGICAL ACTIVITIES OF SELECTED PLANT EXTRACTS AND GC-MS PROFILING OF FLACOURTIA JANGOMAS FLOWER EXTRACT. Asian Journal of Pharmaceutical and Clinical Research, 2017, 10, 237.	0.3	6
5066	ASSESSMENT OF ANTIOXIDANT ACTIVITIES, PHENOL AND FLAVONOID CONTENTS OF DIFFERENT EXTRACTS OF LEAVES, BARK AND ROOT FROM THE <i>Abutilon indicum</i> (L.) SWEET. Asian Journal of Pharmaceutical and Clinical Research, 2017, 10, 88.	0.3	2
5067	ANTIOXIDANT, ANTI-LIPID PEROXIDATIVE AND ANTIMICROBIAL PROPERTIES OF THE EPIPHYTIC FERN, <i>Pyrrhosia heterophylla</i> (L.) M. G. PRICE. International Journal of Pharmacy and Pharmaceutical Sciences, 2017, 9, 87.	0.3	1
5068	ELICITATION OF THERAPEUTIC POTENTIAL AND OXIDATIVE STRESS ASSESSMENT OF FENUGREEK SPROUTS UNDER UV IRRADIATION. International Journal of Pharmacy and Pharmaceutical Sciences, 2017, 9, 91.	0.3	8
5069	HPLC profile, <i>in vitro</i> alpha-amylase, alpha-glucosidase inhibitory and antioxidant activities of <i>Gymnema sylvestre</i> ethyl acetate leaf extract. Bayero Journal of Pure and Applied Sciences, 2017, 10, 72.	0.1	1
5070	Salidroside, A Natural Antioxidant, Improves β -Cell Survival and Function via Activating AMPK Pathway. Frontiers in Pharmacology, 2017, 8, 749.	1.6	58

#	ARTICLE	IF	CITATIONS
5071	Acute Low-Volume High-Intensity Interval Exercise and Continuous Moderate-Intensity Exercise Elicit a Similar Improvement in 24-h Glycemic Control in Overweight and Obese Adults. <i>Frontiers in Physiology</i> , 2016, 7, 661.	1.3	30
5072	Hypoxia-Induced Oxidative Stress Modulation with Physical Activity. <i>Frontiers in Physiology</i> , 2017, 8, 84.	1.3	108
5073	Designing Dietary Recommendations Using System Level Interactomics Analysis and Network-Based Inference. <i>Frontiers in Physiology</i> , 2017, 8, 753.	1.3	11
5074	Molecular Mechanisms and Pathways as Targets for Cancer Prevention and Progression with Dietary Compounds. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2050.	1.8	58
5075	Spices in a Product Affect Emotions: A Study with an Extruded Snack Product â€. <i>Foods</i> , 2017, 6, 70.	1.9	1
5076	Native Chilean Fruits and the Effects of their Functional Compounds on Human Health. , 2017, , .		3
5077	Contribution of Nucleic Acids in the Pathogenesis of Alzheimerâ€™s Disease. , 2017, , 129-162.		0
5078	An overview about oxidation in clinical practice of skin aging. <i>Anais Brasileiros De Dermatologia</i> , 2017, 92, 367-374.	0.5	82
5079	Quercetin Iron (III) Complex Enhances Radiation-Induced Cell Death in Human Erythroleukemic Cell Lines by Increasing the Generation of Intracellular ROS. <i>American Journal of Applied Sciences</i> , 2017, 14, 104-115.	0.1	1
5080	In vitro non-thermal oxidative stress response after 1800 MHz radiofrequency radiation. <i>General Physiology and Biophysics</i> , 2017, 36, 407-414.	0.4	9
5081	DNA Protecting Activities of <i>Nymphaea nouchali</i> (Burm. f) Flower Extract Attenuate t-BHP-Induced Oxidative Stress Cell Death through Nrf2-Mediated Induction of Heme Oxygenase-1 Expression by Activating MAP-Kinases. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2069.	1.8	32
5082	Changes of serum uric acid and total bilirubin in elderly patients with major postischemic stroke depression. <i>Neuropsychiatric Disease and Treatment</i> , 2018, Volume 14, 83-93.	1.0	15
5083	Sweet Potato Anthocyanins. , 2017, , 279-355.		3
5084	Antioxidative Categorization of Twenty Amino Acids Based on Experimental Evaluation. <i>Molecules</i> , 2017, 22, 2066.	1.7	78
5086	Vitamin E Nutrition in the Fetus and Newborn. , 2017, , 326-335.e3.		0
5087	Protective Mechanisms of the Mitochondrial-Derived Peptide Humanin in Oxidative and Endoplasmic Reticulum Stress in RPE Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-11.	1.9	54
5089	The Gastrointestinal System. , 2017, , 3-20.		2
5090	Oxidative stress and histopathological changes induced by methylthiophanate, a systemic fungicide, in blood, liver and kidney of adult rats. <i>African Health Sciences</i> , 2017, 17, 154.	0.3	16

#	ARTICLE	IF	CITATIONS
5091	Influence of a Virgin Olive Oil versus Butter Plus Cholesterol-Enriched Diet on Testicular Enzymatic Activities in Adult Male Rats. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1701.	1.8	25
5092	The Impact of Oxidative Stress on the Bone System in Response to the Space Special Environment. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2132.	1.8	53
5093	A Mini-Review of Reactive Oxygen Species in Urological Cancer: Correlation with NADPH Oxidases, Angiogenesis, and Apoptosis. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2214.	1.8	44
5094	Comparative Evaluation of Oxidative Stress Modulating and DNA Protective Activities of Aqueous and Methanolic Extracts of <i>Acacia catechu</i> . <i>Medicines (Basel, Switzerland)</i> , 2017, 4, 65.	0.7	7
5095	Ultrasound-Assisted Extraction and Identification of Natural Antioxidants from the Fruit of <i>Melastoma sanguineum</i> Sims. <i>Molecules</i> , 2017, 22, 306.	1.7	42
5096	Effect of Oxidative Stress on ABC Transporters: Contribution to Epilepsy Pharmacoresistance. <i>Molecules</i> , 2017, 22, 365.	1.7	38
5097	Therapeutic Potentials of Microalgae in the Treatment of Alzheimer's Disease. <i>Molecules</i> , 2017, 22, 480.	1.7	85
5098	Synthesis, Characterization, and the Antioxidant Activity of Double Quaternized Chitosan Derivatives. <i>Molecules</i> , 2017, 22, 501.	1.7	32
5099	Assessment of the Anti-Hyperglycaemic, Anti-Inflammatory and Antioxidant Activities of the Methanol Extract of <i>Moringa Oleifera</i> in Diabetes-Induced Nephrotoxic Male Wistar Rats. <i>Molecules</i> , 2017, 22, 439.	1.7	109
5100	Optimization of Ultrasound-Assisted Extraction of Antioxidants from the Mung Bean Coat. <i>Molecules</i> , 2017, 22, 638.	1.7	60
5101	Preparation, Characterization, and Biological Activities of Topical Anti-Aging Ingredients in a <i>Citrus junos</i> Callus Extract. <i>Molecules</i> , 2017, 22, 2198.	1.7	15
5102	Emerging Evidence on Neutrophil Motility Supporting Its Usefulness to Define Vitamin C Intake Requirements. <i>Nutrients</i> , 2017, 9, 503.	1.7	25
5103	Antioxidant and Antihypertensive Effects of a Chemically Defined Fraction of Syrah Red Wine on Spontaneously Hypertensive Rats. <i>Nutrients</i> , 2017, 9, 574.	1.7	13
5104	Zinc in Infection and Inflammation. <i>Nutrients</i> , 2017, 9, 624.	1.7	487
5105	Antioxidants Mediate Both Iron Homeostasis and Oxidative Stress. <i>Nutrients</i> , 2017, 9, 671.	1.7	141
5106	Antioxidant Therapeutic Strategies for Cardiovascular Conditions Associated with Oxidative Stress. <i>Nutrients</i> , 2017, 9, 966.	1.7	129
5107	Real-Time Amperometric Recording of Extracellular H ₂ O ₂ in the Brain of Immunocompromised Mice: An In Vitro, Ex Vivo and In Vivo Characterisation Study. <i>Sensors</i> , 2017, 17, 1596.	2.1	6
5108	Nephroprotective Effects of Saponins from Leaves of <i>Panax quinquefolius</i> against Cisplatin-Induced Acute Kidney Injury. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1407.	1.8	56

#	ARTICLE	IF	CITATIONS
5109	Effect of phosphorus deficiency on erythrocytic morphology and function in cows. <i>Journal of Veterinary Science</i> , 2017, 18, 333.	0.5	12
5110	Angiogenesis modulation by exogenous antioxidants. <i>Central-European Journal of Immunology</i> , 2017, 42, 370-376.	0.4	31
5111	Health Risks of Food Oxidation. <i>Advances in Food and Nutrition Research</i> , 2017, 82, 45-81.	1.5	41
5112	<i>Superoxide dismutase 1</i> and <i>2</i> gene polymorphism in Turkish vitiligo patients. <i>Balkan Journal of Medical Genetics</i> , 2017, 20, 67-73.	0.5	7
5113	Involvement of Astrocytes in Alzheimer's Disease from a Neuroinflammatory and Oxidative Stress Perspective. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 427.	1.4	377
5114	Anti-Oxidative Stress Activity Is Essential for <i>Amanita caesarea</i> Mediated Neuroprotection on Glutamate-Induced Apoptotic HT22 Cells and an Alzheimer's Disease Mouse Model. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1623.	1.8	38
5115	Herbs, Gastrointestinal Protection, and Oxidative Stress. , 2017, , 259-274.		6
5116	Modulation of Nrf2 by Olive Oil and Wine Polyphenols and Neuroprotection. <i>Antioxidants</i> , 2017, 6, 73.	2.2	70
5117	Catechol-Based Hydrogel for Chemical Information Processing. <i>Biomimetics</i> , 2017, 2, 11.	1.5	21
5118	Regulation and Modulation of Human DNA Polymerase β Activity and Function. <i>Genes</i> , 2017, 8, 190.	1.0	36
5119	Colorectal Carcinoma: A General Overview and Future Perspectives in Colorectal Cancer. <i>International Journal of Molecular Sciences</i> , 2017, 18, 197.	1.8	888
5120	Effect of Oxidative Stress on Cardiovascular System in Response to Gravity. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1426.	1.8	33
5121	Influence of the Periodontal Disease, the Most Prevalent Inflammatory Event, in Peroxisome Proliferator-Activated Receptors Linking Nutrition and Energy Metabolism. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1438.	1.8	15
5122	Dietary Modulation of Oxidative Stress in Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1583.	1.8	71
5123	Recent Advances in the Delivery of Chemotherapeutic Agents. , 2017, , 281-298.		6
5124	Preliminary Data on the Interaction between Some Biometals and Oxidative Stress Status in Mild Cognitive Impairment and Alzheimer's Disease Patients. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-7.	1.9	32
5125	Exercise and Glycemic Control: Focus on Redox Homeostasis and Redox-Sensitive Protein Signaling. <i>Frontiers in Endocrinology</i> , 2017, 8, 87.	1.5	44
5126	Cu,Zn Superoxide Dismutase Genes in <i>Tribolium castaneum</i> : Evolution, Molecular Characterisation, and Gene Expression during Immune Priming. <i>Frontiers in Immunology</i> , 2017, 8, 1811.	2.2	28

#	ARTICLE	IF	CITATIONS
5127	Skin Protective Effects of <i>Nannochloropsis gaditana</i> Extract on H ₂ O ₂ -Stressed Human Dermal Fibroblasts. <i>Frontiers in Marine Science</i> , 2017, 4, .	1.2	44
5128	Focused Review: Cytotoxic and Antioxidant Potentials of Mangrove-Derived <i>Streptomyces</i> . <i>Frontiers in Microbiology</i> , 2017, 8, 2065.	1.5	76
5129	Structure-Activity Relationships of <i>N</i> -Cinnamoyl and Hydroxycinnamoyl Amides on α -Glucosidase Inhibition. <i>Journal of Chemistry</i> , 2017, 2017, 1-5.	0.9	5
5130	Measurement and Clinical Significance of Biomarkers of Oxidative Stress in Humans. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-32.	1.9	510
5131	Cellular Uptake and Sensing Capability of Transition Metal Peptide Conjugates. , 2017, , 55-89.		4
5132	Sepsis-Induced Cardiomyopathy: Oxidative Implications in the Initiation and Resolution of the Damage. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-11.	1.9	53
5133	Enhancement of Antioxidant Mechanisms and Reduction of Oxidative Stress in Chickens after the Administration of Drinking Water Enriched with Polyphenolic Powder from Olive Mill Waste Waters. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-10.	1.9	33
5134	Alcoholic Extract of <i>Eclipta alba</i> Shows <i>In Vitro</i> Antioxidant and Anticancer Activity without Exhibiting Toxicological Effects. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-18.	1.9	29
5135	Chemical Profile and Antioxidant Activity of the Oil from Peony Seeds (<i>Paeonia suffruticosa</i>)	1.9	21
5136	Idh2 Deficiency Exacerbates Acrolein-Induced Lung Injury through Mitochondrial Redox Environment Deterioration. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-13.	1.9	13
5137	The Effects of Lycopene and Insulin on Histological Changes and the Expression Level of Bcl-2 Family Genes in the Hippocampus of Streptozotocin-Induced Diabetic Rats. <i>Journal of Diabetes Research</i> , 2017, 2017, 1-9.	1.0	35
5138	<i>In Vitro</i> Screening of Three Indian Medicinal Plants for Their Phytochemicals, Anticholinesterase, Antiglucosidase, Antioxidant, and Neuroprotective Effects. <i>BioMed Research International</i> , 2017, 2017, 1-12.	0.9	8
5139	ROS: Crucial Intermediators in the Pathogenesis of Intervertebral Disc Degeneration. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-12.	1.9	244
5140	Effects of Stress on Reproductive and Developmental Biology. , 2017, , 1063-1075.		1
5141	Amelioration of Abnormalities Associated with the Metabolic Syndrome by <i>Spinacia oleracea</i> (Spinach) Consumption and Aerobic Exercise in Rats. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-15.	1.9	16
5142	Oleate Prevents Palmitate-Induced Atrophy via Modulation of Mitochondrial ROS Production in Skeletal Myotubes. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-11.	1.9	26
5143	Iron Supplementation Effects on Redox Status following Aseptic Skeletal Muscle Trauma in Adults and Children. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-13.	1.9	10
5144	The Role of Antioxidant Enzymes in the Ovaries. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-14.	1.9	98

#	ARTICLE	IF	CITATIONS
5145	Plasmatic Soluble Receptor for Advanced Glycation End Products as a New Oxidative Stress Biomarker in Patients with Prosthetic-Joint-Associated Infections?. <i>Disease Markers</i> , 2017, 2017, 1-7.	0.6	11
5146	Mitochondria-Targeted Antioxidants SkQ1 and MitoTEMPO Failed to Exert a Long-Term Beneficial Effect in Murine Polymicrobial Sepsis. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-14.	1.9	32
5147	Comparison of Selected Parameters of Redox Homeostasis in Patients with Ataxia-Telangiectasia and Nijmegen Breakage Syndrome. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-8.	1.9	16
5148	Oxidative Stress: Harms and Benefits for Human Health. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-13.	1.9	2,095
5149	Idiosyncratic Drug-Induced Liver Injury (IDILI): Potential Mechanisms and Predictive Assays. <i>BioMed Research International</i> , 2017, 2017, 1-23.	0.9	39
5150	Ischemia/Reperfusion Injury following Acute Myocardial Infarction: A Critical Issue for Clinicians and Forensic Pathologists. <i>Mediators of Inflammation</i> , 2017, 2017, 1-14.	1.4	280
5151	Statins Reduce Lipopolysaccharide-Induced Cytokine and Inflammatory Mediator Release in an In Vitro Model of Microglial-Like Cells. <i>Mediators of Inflammation</i> , 2017, 2017, 1-10.	1.4	38
5152	Predictive Role of F2-Isoprostanes as Biomarkers for Brain Damage after Neonatal Surgery. <i>Disease Markers</i> , 2017, 2017, 1-9.	0.6	3
5153	Anti-Gouty Arthritis and Antihyperuricemia Effects of Sunflower (<i>Helianthus annuus</i>) Head Extract in Gouty and Hyperuricemia Animal Models. <i>BioMed Research International</i> , 2017, 2017, 1-9.	0.9	30
5154	Evaluation of Epigallocatechin-3-gallate Modified Collagen Membrane and Concerns on Schwann Cells. <i>BioMed Research International</i> , 2017, 2017, 1-8.	0.9	15
5155	Pathomechanisms of Oxidative Stress in Inflammatory Bowel Disease and Potential Antioxidant Therapies. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-18.	1.9	392
5156	Nutritional Composition and Phytochemical, Antioxidative, and Antifungal Activities of <i>Pergularia tomentosa</i> L.. <i>BioMed Research International</i> , 2017, 2017, 1-9.	0.9	18
5157	Macrophage Migration Inhibitory Factor as an Emerging Drug Target to Regulate Antioxidant Response Element System. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-6.	1.9	13
5158	The Role of Oxidative Stress, Mitochondrial Function, and Autophagy in Diabetic Polyneuropathy. <i>Journal of Diabetes Research</i> , 2017, 2017, 1-15.	1.0	115
5159	Antioxidant Activity and Inhibitory Potential of <i>Cistus salvifolius</i> (L.) and <i>Cistus monspeliensis</i> (L.) Aerial Parts Extracts against Key Enzymes Linked to Hyperglycemia. <i>BioMed Research International</i> , 2017, 2017, 1-7.	0.9	54
5160	Quantum Chemical Investigation on the Antioxidant Activity of Neutral and Anionic Forms of Juglone: Metal Chelation and Its Effect on Radical Scavenging Activity. <i>Journal of Chemistry</i> , 2017, 2017, 1-14.	0.9	4
5161	Metallothionein in Brain Disorders. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-12.	1.9	68
5162	Chemical Composition and Pharmacological Effects of Geopropolis Produced by <i>Melipona quadrifasciata anthidioides</i> . <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-13.	1.9	8

#	ARTICLE	IF	CITATIONS
5163	Reactive Oxygen Species Evoked by Potassium Deprivation and Staurosporine Inactivate Akt and Induce the Expression of TXNIP in Cerebellar Granule Neurons. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-13.	1.9	14
5164	ANTIOXIDANT AND HEPATOPROTECTIVE POTENTIALS OF BAUHINIA VARIEGATA SEEDS AGAINST FERRIC CHLORIDE-INDUCED LIPID PEROXIDATION IN CHICKEN LIVER HOMOGENATE. <i>Tropical Journal of Obstetrics and Gynaecology</i> , 2017, 14, 219-230.	0.3	2
5165	Relationship between selected micronutrient deficiencies and oxidative stress biomarkers in diabetes mellitus patients with foot ulcers in Ibadan, Nigeria. <i>Turkish Journal of Medical Sciences</i> , 2017, 47, 1117-1123.	0.4	7
5166	Resveratrol, 4- β -Acetoxy Resveratrol, R-equol, Racemic Equol or S-equol as Cosmeceuticals to Improve Dermal Health. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1193.	1.8	37
5167	The Biochemistry and Antioxidant Properties of Carotenoids. , 0, , .		18
5168	Oxidative Stress and Gastrointestinal System Cancers. , 2017, , 29-51.		0
5169	Oxidative Stress and Gut Microbiota * *Conflict of interest: None.. , 2017, , 113-123.		16
5170	Molecular Mechanism Underlying the Actions of Antioxidant Molecules in Digestive Disorders. , 2017, , 197-216.		5
5171	Effects of Exposure to Ozone on the Ocular Surface in an Experimental Model of Allergic Conjunctivitis. <i>PLoS ONE</i> , 2017, 12, e0169209.	1.1	22
5172	A Comparative Study on Antioxidant System in Fish Hepatopancreas and Intestine Affected by Choline Deficiency: Different Change Patterns of Varied Antioxidant Enzyme Genes and Nrf2 Signaling Factors. <i>PLoS ONE</i> , 2017, 12, e0169888.	1.1	28
5173	Chemotherapy-related cognitive impairment or "chemobrain": concept and state of art. <i>Psychologie & Neuropsychiatrie Du Vieillessement</i> , 2017, 15, 89-98.	0.2	14
5174	2.25 Keratin as a Biomaterial. , 2017, , 542-557.		11
5175	Persistent damaged bases in DNA allow mutagenic break repair in <i>Escherichia coli</i> . <i>PLoS Genetics</i> , 2017, 13, e1006733.	1.5	25
5176	Effects of Gold Nanoparticles and Gold Anti-Arthritic Compounds on Inflammation Marker Expression in Macrophages. <i>Australian Journal of Chemistry</i> , 2017, 70, 1057.	0.5	7
5177	Ascorbic acid alters cell fate commitment of human neural progenitors in a WNT/ β -catenin/ROS signaling dependent manner. <i>Journal of Biomedical Science</i> , 2017, 24, 78.	2.6	21
5178	Heavy alcohol drinking downregulates ALDH2 gene expression but heavy smoking up-regulates SOD2 gene expression in head and neck squamous cell carcinoma. <i>World Journal of Surgical Oncology</i> , 2017, 15, 163.	0.8	8
5179	Lysophosphatidic acid via LPA-receptor 5/protein kinase D-dependent pathways induces a motile and pro-inflammatory microglial phenotype. <i>Journal of Neuroinflammation</i> , 2017, 14, 253.	3.1	51
5180	Global gene expression profiling and senescence biomarker analysis of hESC exposed to H ₂ O ₂ induced non-cytotoxic oxidative stress. <i>Stem Cell Research and Therapy</i> , 2017, 8, 160.	2.4	7

#	ARTICLE	IF	CITATIONS
5181	Differential impact of various reactive oxygen species (ROS) on HIF-1 α /p53 direct interaction in SK-N-MC neuroblastoma cells. <i>Cell and Bioscience</i> , 2017, 7, 52.	2.1	9
5182	The relationship between dietary methionine and growth, digestion, absorption, and antioxidant status in intestinal and hepatopancreatic tissues of sub-adult grass carp (<i>Ctenopharyngodon idella</i>). <i>Journal of Animal Science and Biotechnology</i> , 2017, 8, 63.	2.1	32
5183	African locust bean (<i>Parkia biglobosa</i> , Jacq Benth) leaf extract affects mitochondrial redox chemistry and inhibits angiotensin-converting enzyme in vitro. <i>Clinical Phytoscience</i> , 2017, 3, .	0.8	6
5184	Chemical constituents, antibacterial and antioxidant properties of the essential oil flower of <i>Tagetes minuta</i> grown in Cala community Eastern Cape, South Africa. <i>BMC Complementary and Alternative Medicine</i> , 2017, 17, 351.	3.7	19
5185	Ascorbate ameliorates <i>Echis coloratus</i> venom-induced oxidative stress in human fibroblasts. <i>Experimental and Therapeutic Medicine</i> , 2017, 14, 703-713.	0.8	5
5186	Preventive Effects of Ellagic Acid on Nucleus Tractus Solitarius Electrical Activity and Oxidative Stress Altered by Cerebral Global Ischemia/Reperfusion in Rat. <i>Brazilian Archives of Biology and Technology</i> , 2017, 60, .	0.5	1
5187	Anti-diabetic effect of ethanol leaf extract of <i>Combretum micranthum</i> blood glucose and oxidative stress biomarkers on alloxan induced diabetic in wistar rats. <i>Bayero Journal of Pure and Applied Sciences</i> , 2017, 10, 108.	0.1	2
5188	Comparative studies on the possible antioxidant properties of ethanolic seed extracts of <i>Cola nitida</i> (kola nut) and <i>Garcinia kola</i> (bitter kola) on hydrogen peroxide induced oxidative stress in rats. <i>Journal of Medicinal Plants Research</i> , 2017, 12, 367-372.	0.2	3
5189	Sevoflurane anesthesia induces apoptosis and cell cycle arrest in NPC-039 nasopharyngeal cells. <i>Tropical Journal of Pharmaceutical Research</i> , 2017, 16, 787.	0.2	0
5190	Phenolics and Ascorbic Acid Related to Antioxidant Activity of MaoFruit Juice and Their Thermal Stability Study (Review Article). <i>Oriental Journal of Chemistry</i> , 2017, 33, 74-86.	0.1	4
5191	Electrochemical Evaluation of the Antioxidant Capacity of Phenolic Compounds in Virgin Olive Oil. <i>Journal of Biosensors & Bioelectronics</i> , 2017, 08, .	0.4	0
5192	THE ANTIDEPRESSANT DRUG DOXEPIN: A PROMISING ANTIOXIDANT. <i>Asian Journal of Pharmaceutical and Clinical Research</i> , 2017, 10, 97.	0.3	1
5193	Gestational Prooxidant-Antioxidant Imbalance may be at Higher Risk for Postpartum Thyroid Disease. <i>Endocrinology & Metabolic Syndrome: Current Research</i> , 2017, 06, .	0.3	10
5194	Association of Cardiometabolic Genes with Arsenic Metabolism Biomarkers in American Indian Communities: The Strong Heart Family Study (SHFS). <i>Environmental Health Perspectives</i> , 2017, 125, 15-22.	2.8	32
5196	Protective Effects of Curcumin against Sodium Arsenite-induced Ovarian Oxidative Injury in a Mouse Model. <i>Chinese Medical Journal</i> , 2017, 130, 1026-1032.	0.9	48
5197	Edaravone protects the retina against ischemia/reperfusion-induced oxidative injury through the PI3K/Akt/Nrf2 pathway. <i>Molecular Medicine Reports</i> , 2017, 16, 9210-9216.	1.1	21
5198	Lesion complexity drives age related cancer susceptibility in human mammary epithelial cells. <i>Aging</i> , 2017, 9, 665-686.	1.4	2
5199	Neuroprotective effect of polysaccharides from <i>Gastrodia elata</i> blume against corticosterone-induced apoptosis in PC12 cells via inhibition of the endoplasmic reticulum stress-mediated pathway. <i>Molecular Medicine Reports</i> , 2018, 17, 1182-1190.	1.1	21

#	ARTICLE	IF	CITATIONS
5200	ANTIOXIDANT ACTIVITY OF BORASSUS FLABELLIFER. International Research Journal of Pharmacy, 2017, 8, 18-22.	0.0	5
5201	Dynamics of Nitrite Content in Fresh Spinach Leaves: Evidence for Nitrite Formation Caused by Microbial Nitrate Reductase Activity. Journal of Nutrition & Food Sciences, 2017, 07, .	1.0	3
5202	MODULATION OF KEY BIOCHEMICAL MARKERS RELEVANT TO STROKE BY ANTIARIS AFRICANA LEAF EXTRACT FOLLOWING CEREBRAL ISCHEMIA/REPERFUSION INJURY. Tropical Journal of Obstetrics and Gynaecology, 2017, 14, 253-264.	0.3	9
5203	Curcumin-coordinated nanoparticles with improved stability for reactive oxygen species-responsive drug delivery in lung cancer therapy. International Journal of Nanomedicine, 2017, Volume 12, 855-869.	3.3	46
5204	Use of Saliva Biomarkers to Monitor Efficacy of Vitamin C in Exercise-Induced Oxidative Stress. Antioxidants, 2017, 6, 5.	2.2	26
5205	Excitotoxins, Mitochondrial and Redox Disturbances in Multiple Sclerosis. International Journal of Molecular Sciences, 2017, 18, 353.	1.8	48
5206	Photoluminescent Gold Nanoclusters in Cancer Cells: Cellular Uptake, Toxicity, and Generation of Reactive Oxygen Species. International Journal of Molecular Sciences, 2017, 18, 378.	1.8	32
5207	Chemical Composition and Antioxidant, Anti-Inflammatory, and Antiproliferative Activities of Lebanese Ephedra Campylopoda Plant. Medical Science Monitor Basic Research, 2017, 23, 313-325.	2.6	19
5208	Hydrogen peroxide attenuates refilling of intracellular calcium store in mouse pancreatic acinar cells. Korean Journal of Physiology and Pharmacology, 2017, 21, 233.	0.6	2
5209	Functionality of Soybean Compounds in the Oxidative Stress-Related Disorders. , 2017, , 339-353.		2
5210	Oxidative Stress: Promoter of Allergic Sensitization to Protease Allergens?. International Journal of Molecular Sciences, 2017, 18, 1112.	1.8	32
5211	The design features cells use to build their transmembrane proton gradient. Physical Biology, 2017, 14, 013001.	0.8	4
5212	Free-radicals and advanced chemistries involved in cell membrane organization influence oxygen diffusion and pathology treatment. AIMS Biophysics, 2017, 4, 240-283.	0.3	28
5213	PHARMACOGNOSTICAL SCREENING AND DETERMINATION OF ANTIOXIDANT ACTIVITY OF NELUMBO NUCIFERA GAERTN ETHANOL SEED EXTRACT BY DIFFERENT IN VITRO MODELS. International Journal of Pharmacy and Pharmaceutical Sciences, 2017, 9, 64.	0.3	1
5214	CYTOTOXIC ACTIVITY OF ALKALOIDS EXTRACTED FROM THREE IRAQI PLANTS AGAINST BREAST CANCER CELL LINE. Asian Journal of Pharmaceutical and Clinical Research, 2017, 10, 78.	0.3	4
5215	PHYTOCHEMICAL ANALYSIS, ASSESSMENT OF ANTIPROLIFERATIVE AND FREE RADICAL SCAVENGING ACTIVITY OF MORUS ALBA AND MORUS RUBRA FRUITS. Asian Journal of Pharmaceutical and Clinical Research, 2017, 10, 189.	0.3	7
5216	Effect of medicinal mushrooms on blood cells under conditions of diabetes mellitus. World Journal of Diabetes, 2017, 8, 187.	1.3	33
5217	Maternal Deprivation [†] . , 2017, , .		5

#	ARTICLE	IF	CITATIONS
5218	Comparative Studies of Chemical Composition, Antioxidant and Antimicrobial Potentials of Essential Oils and Oleoresins Obtained from Seeds and Leaves of <i>Anethum graveolens</i> L. <i>Toxicology: Open Access</i> , 2017, 03, .	0.2	4
5219	ACACIA HONEY INDUCES APOPTOSIS IN HUMAN BREAST ADENOCARCINOMA CELL LINES (MCF-7). <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2017, 79, .	0.3	8
5220	Chemical Composition, Antioxidant, Anti-Inflammatory, and Antiproliferative Activities of the Plant Lebanese <i>Crataegus Azarolus</i> L. <i>Medical Science Monitor Basic Research</i> , 2017, 23, 270-284.	2.6	7
5221	Impaired Thiol-Disulfide Balance in Acute Brucellosis. <i>Japanese Journal of Infectious Diseases</i> , 2017, 70, 258-262.	0.5	16
5222	Reduction-oxidation pathways involved in cancer development: a systematic review of literature reviews. <i>Oncotarget</i> , 2017, 8, 51888-51906.	0.8	120
5223	CYTOTOXIC ACTIVITY OF ALKALOID EXTRACTS OF DIFFERENT PLANTS AGAINST BREAST CANCER CELL LINE. <i>Asian Journal of Pharmaceutical and Clinical Research</i> , 2017, 10, 168.	0.3	2
5224	Antioxidant potential of essential oil from <i>Lavandula angustifolia</i> in in vitro and ex vivo cultured liver cells. <i>Neoplasma</i> , 2017, 64, 485-493.	0.7	11
5225	Melatonin: It's Antioxidant Effects on Periodontal Disease. <i>Journal of Healthcare Communications</i> , 2017, 03, .	0.8	1
5226	Nanotechnology-enabled approaches for the detection of antioxidants by spectroscopic and electrochemical methods. , 0, , 187-207.		0
5227	Biomarkers of oxidative stress and cellular-based assays of indirect antioxidant measurement. , 0, , 165-186.		9
5228	PHARMACOPHORIC SCREENING OF VARIOUS ENDOPHYTIC FUNGAL METABOLITES. <i>Asian Journal of Pharmaceutical and Clinical Research</i> , 2017, 10, 140.	0.3	4
5229	Oxidative stress in bone remodeling: role of antioxidants. <i>Clinical Cases in Mineral and Bone Metabolism</i> , 2017, 14, 209.	1.0	467
5230	Pathophysiology of Hypoxic-Ischemic Brain Injury. , 2017, , 1686-1695.e4.		2
5231	Melatonin and Related Compounds: Chemical Insights into their Protective Effects Against Oxidative Stress. <i>Current Organic Chemistry</i> , 2017, 21, .	0.9	11
5232	Pre-protective effects of dietary chitosan supplementation against oxidative stress induced by diquat in weaned piglets. <i>Cell Stress and Chaperones</i> , 2018, 23, 703-710.	1.2	20
5233	Selected anthraquinones as potential free radical scavengers and P-glycoprotein inhibitors. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 1890-1902.	1.5	25
5234	Antioxidant activities of the new tetrasubstituted metal-free, Zn(II) and Co(II) monophthalocyanines. <i>Journal of Porphyrins and Phthalocyanines</i> , 2018, 22, 233-242.	0.4	12
5235	Genotoxicity inhibition by <i>Syzygium cumini</i> (L.) seed fraction and rutin: understanding the underlying mechanism of DNA protection. <i>Toxicology Research</i> , 2018, 7, 156-171.	0.9	17

#	ARTICLE	IF	CITATIONS
5236	Synthesis and Characterization of the Perthiatriarylmethyl Radical and Its Dendritic Derivatives with High Sensitivity and Selectivity to Superoxide Radical. <i>Chemistry - A European Journal</i> , 2018, 24, 6958-6967.	1.7	11
5237	DNA fragmentation damage as a predictive marker for diabetic nephropathy in Type II diabetes mellitus. <i>Journal of Endocrinology Metabolism and Diabetes of South Africa</i> , 2018, , 1-4.	0.4	0
5238	Evaluation of Prolidase Activity, Oxidative Stress, and Antioxidant Enzyme Levels in Testicular and Penile Tissues after Human Chorionic Gonadotropin Treatment in Rats by Predicting Infertility and Erectile Dysfunction. <i>Medical Principles and Practice</i> , 2018, 27, 217-221.	1.1	2
5239	Inhibition of histone deacetylase reduces lipopolysaccharide-induced-inflammation in primary mammary epithelial cells by regulating ROS-NF- κ B signaling pathways. <i>International Immunopharmacology</i> , 2018, 56, 230-234.	1.7	21
5240	Copper and ceruloplasmin dyshomeostasis in serum and cerebrospinal fluid of multiple sclerosis subjects. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 1828-1838.	1.8	30
5241	Psidium cattleianum fruits: A review on its composition and bioactivity. <i>Food Chemistry</i> , 2018, 258, 95-103.	4.2	58
5242	Maternal Complications of Pregnancy that Affect Fetal Development. , 2018, , 281-364.		0
5243	Cu isotope fractionation response to oxidative stress in a hepatic cell line studied using multi-collector ICP-mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 2385-2394.	1.9	22
5244	The antioxidant activity of a prenyl flavonoid alters its antifungal toxicity on <i>Candida albicans</i> biofilms. <i>Food and Chemical Toxicology</i> , 2018, 114, 285-291.	1.8	20
5245	Bioactive potentials of sulfated polysaccharides isolated from brown seaweed <i>Sargassum</i> spp in related to human health applications: A review. <i>Food Hydrocolloids</i> , 2018, 81, 200-208.	5.6	85
5246	Hints on ATGL implications in cancer: beyond bioenergetic clues. <i>Cell Death and Disease</i> , 2018, 9, 316.	2.7	59
5247	A novel fluorescent probe for imaging the process of HOCl oxidation and Cys/Hcy reduction in living cells. <i>RSC Advances</i> , 2018, 8, 9519-9523.	1.7	14
5248	Changes of mitochondrial respiratory function during odontogenic differentiation of rat dental papilla cells. <i>Journal of Molecular Histology</i> , 2018, 49, 51-61.	1.0	14
5249	The Mevalonate Pathway and Terpenes: a Diversity of Chemopreventatives. <i>Current Pharmacology Reports</i> , 2018, 4, 157-169.	1.5	8
5250	Selenium, selenoprotein P, and Alzheimer's disease: is there a link?. <i>Free Radical Biology and Medicine</i> , 2018, 127, 124-133.	1.3	82
5251	Exploring the therapeutic potential and phenolic composition of two Turkish ethnomedicinal plants "Ajuga orientalis L. and <i>Arnebia densiflora</i> (Nordm.) Ledeb.. <i>Industrial Crops and Products</i> , 2018, 116, 240-248.	2.5	8
5252	Elucidation of the mechanism of changes in the antioxidant function with the aging in the liver of the senescence-accelerated mouse P10 (SAMP10). <i>Experimental Gerontology</i> , 2018, 106, 46-53.	1.2	4
5253	A comprehensive screening shows that ergothioneine is the most abundant antioxidant in the wild macrofungus <i>Phylloporia ribis</i> Ryvar den. <i>Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews</i> , 2018, 36, 98-111.	2.9	9

#	ARTICLE	IF	CITATIONS
5254	The diverse origins of circulating cell-free DNA in the human body: a critical re-evaluation of the literature. <i>Biological Reviews</i> , 2018, 93, 1649-1683.	4.7	202
5255	Oxidatively Modified Protein-Disulfide Isomerase-Associated 3 Promotes Dyskerin Pseudouridine Synthase 1-Mediated Malignancy and Survival of Hepatocellular Carcinoma Cells. <i>Hepatology</i> , 2018, 68, 1851-1864.	3.6	31
5256	Structural characterization, in vitro and in vivo antioxidant activities of a heteropolysaccharide from the fruiting bodies of <i>Morchella esculenta</i> . <i>Carbohydrate Polymers</i> , 2018, 195, 29-38.	5.1	85
5257	Diabetes and cancer: Pathophysiological fundamentals of a "dangerous affair". <i>Diabetes Research and Clinical Practice</i> , 2018, 143, 378-388.	1.1	58
5258	Nrf2 and Keap1 abnormalities in esophageal squamous cell carcinoma and association with the effect of chemoradiotherapy. <i>Thoracic Cancer</i> , 2018, 9, 726-735.	0.8	28
5259	Anticancer, antimicrobial, and DNA protection analysis of novel 2,4-dihydroxyquinoline dyes. <i>Dyes and Pigments</i> , 2018, 157, 11-19.	2.0	10
5260	Synthesis and Biological Evaluation of Derivatives of Indoline as Highly Potent Antioxidant and Anti-inflammatory Agents. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 4004-4019.	2.9	39
5261	Phosphorylation of nuclear factor erythroid 2-like 2 (NFE2L2) in mammary tissue of Holstein cows during the periparturient period is associated with mRNA abundance of antioxidant gene networks. <i>Journal of Dairy Science</i> , 2018, 101, 6511-6522.	1.4	16
5262	Expanding the therapeutic index of radiation therapy by normal tissue protection. <i>British Journal of Radiology</i> , 2019, 92, 20180008.	1.0	41
5263	Nutritional, functional and biological properties of insect proteins: Processes for obtaining, consumption and future challenges. <i>Trends in Food Science and Technology</i> , 2018, 76, 82-89.	7.8	144
5264	Environmental enrichment reduces cocaine neurotoxicity during cocaine-conditioned place preference in male rats. <i>Pharmacology Biochemistry and Behavior</i> , 2018, 169, 10-15.	1.3	12
5265	Myeloid related proteins are up-regulated in autoimmune thyroid diseases and activate toll-like receptor 4 and pro-inflammatory cytokines in vitro. <i>International Immunopharmacology</i> , 2018, 59, 217-226.	1.7	10
5266	Long-wavelength TCF-based fluorescence probes for the detection and intracellular imaging of biological thiols. <i>Chemical Communications</i> , 2018, 54, 4786-4789.	2.2	68
5267	The effects of hexachloronaphthalene on selected parameters of heme biosynthesis and systemic toxicity in female wistar rats after 90-day oral exposure. <i>Environmental Toxicology</i> , 2018, 33, 695-705.	2.1	11
5268	Spatio-temporal monitoring of lipid peroxyl radicals in live cell studies combining fluorogenic antioxidants and fluorescence microscopy methods. <i>Free Radical Biology and Medicine</i> , 2018, 128, 124-136.	1.3	19
5269	Evaluation of phenolic composition, antioxidant, anti-inflammatory and anticancer activities of <i>Polygonatum verticillatum</i> (L.). <i>Journal of Integrative Medicine</i> , 2018, 16, 273-282.	1.4	51
5270	Effects of dietary <i>Allium hookeri</i> root on growth performance and antioxidant activity in young broiler chickens. <i>Research in Veterinary Science</i> , 2018, 118, 345-350.	0.9	15
5271	Surface Ligand Chemistry of Gold Nanoclusters Determines Their Antimicrobial Ability. <i>Chemistry of Materials</i> , 2018, 30, 2800-2808.	3.2	115

#	ARTICLE	IF	CITATIONS
5272	Converting Spent Coffee Grounds into Bioactive Extracts with Potential Skin Antiaging and Lightening Effects. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 6289-6295.	3.2	35
5273	Synthetic approaches to access acortatarins, shensongines and pollenopyrroside; potent antioxidative spiro-alkaloids with a naturally rare morpholine moiety. <i>FA-toterap</i> , 2018, 129, 366-382.	1.1	7
5274	Interaction Between Nutrition and Metabolism. <i>Experientia Supplementum (2012)</i> , 2018, 109, 29-114.	0.5	2
5275	Perinatal exposure to energy drink induces oxidative damage in the liver, kidney and brain, and behavioral alterations in mice offspring. <i>Biomedicine and Pharmacotherapy</i> , 2018, 102, 798-811.	2.5	15
5276	Balanites aegyptiaca ameliorates insulin secretion and decreases pancreatic apoptosis in diabetic rats: Role of SAPK/JNK pathway. <i>Biomedicine and Pharmacotherapy</i> , 2018, 102, 1084-1091.	2.5	19
5277	Evaluation of DNA damage profile in obese women and its association to risk of metabolic syndrome, polycystic ovary syndrome and recurrent preeclampsia. <i>Genes and Diseases</i> , 2018, 5, 367-373.	1.5	24
5278	Real time monitoring and quantification of reactive oxygen species in breast cancer cell line MCF-7 by 2â€²,7â€²-dichlorofluorescein diacetate (DCFDA) assay. <i>Journal of Pharmacological and Toxicological Methods</i> , 2018, 94, 26-33.	0.3	58
5279	90Âyears of monoamine oxidase: some progress and some confusion. <i>Journal of Neural Transmission</i> , 2018, 125, 1519-1551.	1.4	99
5280	Dose-dependent proliferative and cytotoxic effects of melatonin on human epidermoid carcinoma and normal skin fibroblast cells. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2018, 829-830, 50-60.	0.9	19
5281	Antioxidant activity of phytosynthesized biomatrix-loaded noble metallic nanoparticles. <i>Chinese Journal of Chemical Engineering</i> , 2018, 26, 1200-1208.	1.7	15
5282	Flavonoids profile and antioxidant activity in flowers and leaves of hawthorn species (<i>Crataegus</i> spp.) from different regions of Iran. <i>International Journal of Food Properties</i> , 2018, 21, 452-470.	1.3	70
5283	A Long Journey into Aging, Brain Aging, and Alzheimer's Disease Following the Oxidative Stress Tracks. <i>Journal of Alzheimer's Disease</i> , 2018, 62, 1319-1335.	1.2	181
5284	Improving antioxidant and antiproliferative activities of colla corii asini hydrolysates using ginkgo biloba extracts. <i>Food Science and Nutrition</i> , 2018, 6, 765-772.	1.5	15
5285	Endothelial Protective Effects of Dietary Phytochemicals: Focus on Polyphenols and Carotenoids. <i>Studies in Natural Products Chemistry</i> , 2018, , 323-350.	0.8	3
5286	Oxidative imbalance in mice intoxicated by microcystin-LR can be minimized. <i>Toxicon</i> , 2018, 144, 75-82.	0.8	4
5289	Boronate-Based Fluorescence Probes for the Detection of Hydrogen Peroxide. <i>ChemistryOpen</i> , 2018, 7, 262-265.	0.9	30
5290	Roles of mammalian glutathione peroxidase and thioredoxin reductase enzymes in the cellular response to nitrosative stress. <i>Free Radical Biology and Medicine</i> , 2018, 127, 160-164.	1.3	64
5291	Change of plasmalogen content of red blood cells in myocardial hypoxia and acidosis. <i>Acta Cardiologica</i> , 2018, 73, 61-68.	0.3	3

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5292	Corn gluten hydrolysate regulates the expressions of antioxidant defense and ROS metabolism relevant genes in H ₂ O ₂ -induced HepG2 cells. <i>Journal of Functional Foods</i> , 2018, 42, 362-370.	1.6	26
5293	Antioxidant activity, fatty acids characterization and oxidative stability of Gouda cheese fortified with mango (<i>Mangifera indica</i> L.) kernel fat. <i>Journal of Food Science and Technology</i> , 2018, 55, 992-1002.	1.4	31
5294	Genomic stability and telomere regulation in skeletal muscle tissue. <i>Biomedicine and Pharmacotherapy</i> , 2018, 98, 907-915.	2.5	4
5295	2-Acetyl-4-aminoresorcinol derivatives: synthesis, antioxidant activity and molecular docking studies. <i>Medicinal Chemistry Research</i> , 2018, 27, 1186-1197.	1.1	5
5296	Recent progress in the structural modification and pharmacological activities of ligustrazine derivatives. <i>European Journal of Medicinal Chemistry</i> , 2018, 147, 150-162.	2.6	57
5297	Induction of oxidative stress and sensitization of cancer cells to paclitaxel by gold nanoparticles with different charge densities and hydrophobicities. <i>Journal of Materials Chemistry B</i> , 2018, 6, 1633-1639.	2.9	45
5298	Concerted redox modulation by sulforaphane alleviates diabetes and cardiometabolic syndrome. <i>Free Radical Biology and Medicine</i> , 2018, 122, 150-160.	1.3	51
5299	Nanoceria ameliorates doxorubicin induced cardiotoxicity: Possible mitigation via reduction of oxidative stress and inflammation. <i>Journal of Trace Elements in Medicine and Biology</i> , 2018, 47, 53-62.	1.5	69
5300	Effects of exhaustive exercises, with different intensities, on oxidative stress markers in rat plasma and skeletal muscle. <i>Science and Sports</i> , 2018, 33, 169-175.	0.2	7
5301	Inactivation of <i>Escherichia coli</i> and <i>Staphylococcus aureus</i> on contaminated perilla leaves by Dielectric Barrier Discharge (DBD) plasma treatment. <i>Archives of Biochemistry and Biophysics</i> , 2018, 643, 32-41.	1.4	47
5302	A fast-responsive two-photon fluorescent probe for <i>in vivo</i> imaging superoxide radical anion with a large Stokes shift. <i>RSC Advances</i> , 2018, 8, 4125-4129.	1.7	13
5303	In vivo efficacy and evaluation of gel-cream containing dehydrated betamethasone dipropionate nanocapsules. <i>Journal of Microencapsulation</i> , 2018, , 1-34.	1.2	0
5304	Oxidative stress response induced by chemotherapy in leukemia treatment (Review). <i>Molecular and Clinical Oncology</i> , 2018, 8, 391-399.	0.4	46
5305	Long-Lived Emissive Probes for Time-Resolved Photoluminescence Bioimaging and Biosensing. <i>Chemical Reviews</i> , 2018, 118, 1770-1839.	23.0	644
5306	Antioxidant activity of polyphenolic compounds isolated from ethyl-acetate fraction of <i>Acacia hydaspica</i> R. Parker. <i>Chemistry Central Journal</i> , 2018, 12, 5.	2.6	30
5307	Protective effects of antioxidant-RL from <i>Odorrana livida</i> against ultraviolet B-irradiated skin photoaging. <i>Peptides</i> , 2018, 101, 124-134.	1.2	18
5308	Electrochemical measurements and theoretical studies for understanding the behavior of catechol, resorcinol and hydroquinone on the boron doped diamond surface. <i>RSC Advances</i> , 2018, 8, 3483-3492.	1.7	51
5309	Mycotoxins and oxidative stress: where are we?. <i>World Mycotoxin Journal</i> , 2018, 11, 113-134.	0.8	107

#	ARTICLE	IF	CITATIONS
5310	A theoretical study on the antioxidant activity of Uralenol and Neouralenol scavenging two radicals. <i>Structural Chemistry</i> , 2018, 29, 1067-1075.	1.0	15
5311	Î ² -aminoisobutyric Acid, I-BAIBA, Is a Muscle-Derived Osteocyte Survival Factor. <i>Cell Reports</i> , 2018, 22, 1531-1544.	2.9	131
5312	Perioperative Management of Hyperglycemia and Diabetes in Cardiac Surgery Patients. <i>Endocrinology and Metabolism Clinics of North America</i> , 2018, 47, 203-222.	1.2	41
5313	A synergistic combination of <i>Phyllanthus emblica</i> and <i>Alpinia galanga</i> against H ₂ O ₂ -induced oxidative stress and lipid peroxidation in human ECV304 cells. <i>Journal of Functional Foods</i> , 2018, 43, 44-54.	1.6	13
5314	Water Soluble Antioxidant Dextran-Quercetin Conjugate with Potential Anticancer Properties. <i>Macromolecular Bioscience</i> , 2018, 18, e1700239.	2.1	35
5315	Protective effect of <i>Uncaria tomentosa</i> extract against oxidative stress and genotoxicity induced by glyphosate-Roundup® using zebrafish (<i>Danio rerio</i>) as a model. <i>Environmental Science and Pollution Research</i> , 2018, 25, 11703-11715.	2.7	34
5316	Chemical characteristics, antioxidant and anticancer potential of sulfated polysaccharides from <i>Chlamydomonas reinhardtii</i> . <i>Journal of Applied Phycology</i> , 2018, 30, 1641-1653.	1.5	30
5317	Mercuric Chloride Induced Ovarian Oxidative Stress by Suppressing Nrf2-Keap1 Signal Pathway and its Downstream Genes in Laying Hens. <i>Biological Trace Element Research</i> , 2018, 185, 185-196.	1.9	24
5318	The Static Magnetic Field Remotely Boosts the Efficiency of Doxorubicin through Modulating ROS Behaviors. <i>Scientific Reports</i> , 2018, 8, 990.	1.6	32
5319	Evaluation of the free-radical scavenging and antioxidant activities of <i>Chilauni</i> , <i>Schima wallichii</i> & <i>Korthia</i> in vitro. <i>Future Science OA</i> , 2018, 4, FSO272.	0.9	65
5320	Comprehensive cytotoxicity studies of superparamagnetic iron oxide nanoparticles. <i>Biochemistry and Biophysics Reports</i> , 2018, 13, 63-72.	0.7	169
5321	Biological activity of <i>Hyptis Jacq.</i> (Lamiaceae) is determined by the environment. <i>Industrial Crops and Products</i> , 2018, 112, 705-715.	2.5	14
5322	Development of a sandwich ELISA with potential for selective quantification of human lactoferrin protein nitrated through disease or environmental exposure. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 1389-1396.	1.9	7
5323	Mushroom polysaccharides-incorporated cellulose nanofiber films with improved mechanical, moisture barrier, and antioxidant properties. <i>Journal of Applied Polymer Science</i> , 2018, 135, 46166.	1.3	16
5324	Purification, in vitro antioxidant and in vivo anti-aging activities of soluble polysaccharides by enzyme-assisted extraction from <i>Agaricus bisporus</i> . <i>International Journal of Biological Macromolecules</i> , 2018, 109, 457-466.	3.6	39
5325	Antioxidants as precision weapons in war against cancer chemotherapy induced toxicity – Exploring the armoury of obscurity. <i>Saudi Pharmaceutical Journal</i> , 2018, 26, 177-190.	1.2	185
5326	Delirium pathophysiology: An updated hypothesis of the etiology of acute brain failure. <i>International Journal of Geriatric Psychiatry</i> , 2018, 33, 1428-1457.	1.3	340
5327	Circadian regulation of metabolism and healthspan in <i>Drosophila</i> . <i>Free Radical Biology and Medicine</i> , 2018, 119, 62-68.	1.3	24

#	ARTICLE	IF	CITATIONS
5328	On the history of oxidative stress: Concept and some aspects of current development. <i>Current Opinion in Toxicology</i> , 2018, 7, 122-126.	2.6	182
5329	Underlying action mechanism of a novel antioxidant peptide derived from <i>Allium tuberosum</i> Rottler protein hydrolysates and its protective effects on hydrogen peroxide induced cell injury. <i>Journal of Functional Foods</i> , 2018, 40, 606-613.	1.6	14
5330	Cellular redox, cancer and human papillomavirus. <i>Virus Research</i> , 2018, 246, 35-45.	1.1	49
5331	Oral phenytoin protects against experimental cyclophosphamide-chemotherapy induced hair loss. <i>Pathophysiology</i> , 2018, 25, 31-39.	1.0	12
5332	Association between human exposure to heavy metals/metalloid and occurrences of respiratory diseases, lipid peroxidation and DNA damage in Kumasi, Ghana. <i>Environmental Pollution</i> , 2018, 235, 163-170.	3.7	34
5333	Phenolic compounds from <i>Syzygium jambos</i> (Myrtaceae) exhibit distinct antioxidant and hepatoprotective activities in vivo. <i>Journal of Functional Foods</i> , 2018, 41, 223-231.	1.6	63
5334	Evaluating the antioxidant effects of human hair protein extracts. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2018, 29, 1081-1093.	1.9	12
5335	Hypolipidemic effect and protection ability of liver-kidney functions of melanin from <i>Lachnum</i> YM226 in high-fat diet fed mice. <i>Food and Function</i> , 2018, 9, 880-889.	2.1	26
5336	Sex differences in sleep apnea and comorbid neurodegenerative diseases. <i>Steroids</i> , 2018, 133, 28-33.	0.8	16
5337	Various cellular stress components change as the rat ages: An insight into the putative overall age-related cellular stress network. <i>Experimental Gerontology</i> , 2018, 102, 36-42.	1.2	5
5338	Redox status of patients before cardiac surgery. <i>Redox Report</i> , 2018, 23, 83-93.	1.4	8
5339	Molecular characterization and metal induced gene expression of the novel glutathione peroxidase 7 from the chordate invertebrate <i>Ciona robusta</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2018, 205, 1-7.	1.3	15
5340	Rosiglitazone pretreatment influences thrombin-induced anti-oxidative action via activating NQO1 and β -GCS in rat microglial cells. <i>Neurological Research</i> , 2018, 40, 139-145.	0.6	5
5341	Sex-related differences in oxidative stress and neurodegeneration. <i>Steroids</i> , 2018, 133, 21-27.	0.8	75
5342	<i>Candida albicans</i> β -Glucan-Containing Particles Increase HO-1 Expression in Oral Keratinocytes via a Reactive Oxygen Species/p38 Mitogen-Activated Protein Kinase/Nrf2 Pathway. <i>Infection and Immunity</i> , 2018, 86, .	1.0	18
5343	Protective role of Nrf2 against mechanical-stretch-induced apoptosis in mouse fibroblasts: a potential therapeutic target of mechanical-trauma-induced stress urinary incontinence. <i>International Urogynecology Journal</i> , 2018, 29, 1469-1477.	0.7	21
5344	Developmental toxicity and potential mechanisms of pyraoxystrobin to zebrafish (<i>Danio rerio</i>). <i>Ecotoxicology and Environmental Safety</i> , 2018, 151, 1-9.	2.9	56
5345	Oxidation-responsive micelles by a one-pot polymerization-induced self-assembly approach. <i>Polymer Chemistry</i> , 2018, 9, 1593-1602.	1.9	55

#	ARTICLE	IF	CITATIONS
5346	Phenelzine reduces the oxidative damage induced by peroxynitrite in plasma lipids and proteins. Archives of Physiology and Biochemistry, 2018, 124, 418-423.	1.0	11
5347	Benzo(a)pyren-7,8-dihydrodiol-9,10-epoxide induces human trophoblast Swan 71 cell dysfunctions due to cell apoptosis through disorder of mitochondrial fission/fusion. Environmental Pollution, 2018, 233, 820-832.	3.7	41
5348	Increase of reactive oxygen species in different tissues during lipopolysaccharide-induced fever and antipyresis: an electron paramagnetic resonance study. Free Radical Research, 2018, 52, 351-361.	1.5	14
5349	Protective effects of curcumin against doxorubicin-induced toxicity and resistance: A review. Critical Reviews in Oncology/Hematology, 2018, 122, 30-51.	2.0	119
5350	Human health and environmental impacts of coal combustion and post-combustion wastes. Journal of Sustainable Mining, 2018, 17, 87-96.	0.1	251
5351	A histopathological and biochemical evaluation of oxidative injury in the sciatic nerves of male rats exposed to a continuous 900-megahertz electromagnetic field throughout all periods of adolescence. Journal of Chemical Neuroanatomy, 2018, 91, 1-7.	1.0	10
5352	Levels of oxidative stress biomarkers and bone resorption regulators in apical periodontitis lesions infected by Epstein-Barr virus. International Endodontic Journal, 2018, 51, 593-604.	2.3	20
5353	Oxygen and RNA in stress-induced mutation. Current Genetics, 2018, 64, 769-776.	0.8	7
5354	Oxidant-Antioxidant Balance in the Aqueous Humor of Patients with Retinal Vein Occlusion. Seminars in Ophthalmology, 2018, 33, 675-682.	0.8	6
5355	A systematic review of p53 regulation of oxidative stress in skeletal muscle. Redox Report, 2018, 23, 100-117.	1.4	151
5356	Apocynin combined with drugs as coadjuvant could be employed to prevent and/or treat the chronic kidney disease. Renal Failure, 2018, 40, 92-98.	0.8	5
5357	The promising future of nano-antioxidant therapy against environmental pollutants induced-toxicities. Biomedicine and Pharmacotherapy, 2018, 103, 1018-1027.	2.5	97
5358	The intricate role of selenium and selenoproteins in erythropoiesis. Free Radical Biology and Medicine, 2018, 127, 165-171.	1.3	38
5359	Relevant Plasma Parameters for Certification. , 2018, , 43-70.		3
5360	Antioxidant nitroxides protect hepatic cells from oxidative stress-induced cell death. Journal of Clinical Biochemistry and Nutrition, 2018, 62, 132-138.	0.6	5
5361	Near infrared low-level laser therapy and cell proliferation: The emerging role of redox sensitive signal transduction pathways. Journal of Biophotonics, 2018, 11, e201800025.	1.1	37
5362	Kinetic and structural studies on the interactions of <i>Torpedo californica</i> acetylcholinesterase with two donepezil-like rigid analogues. Journal of Enzyme Inhibition and Medicinal Chemistry, 2018, 33, 794-803.	2.5	21
5363	Development of a Xanthene-Based Red-Emissive Fluorescent Probe for Visualizing H ₂ O ₂ in Living Cells, Tissues and Animals. Journal of Fluorescence, 2018, 28, 681-687.	1.3	5

#	ARTICLE	IF	CITATIONS
5364	The ameliorative effect of Homalium nepalense on carbon tetrachloride-induced hepatocellular injury in rats. <i>Biomedicine and Pharmacotherapy</i> , 2018, 103, 903-914.	2.5	11
5365	Role of endocytotic uptake routes in impacting the ROS-related toxicity of silver nanoparticles to <i>Mytilus galloprovincialis</i> : A redox proteomic investigation. <i>Aquatic Toxicology</i> , 2018, 200, 21-27.	1.9	27
5366	The activation of STIM1 mediates S-phase arrest and cell death in paraquat induced acute lung intoxication. <i>Toxicology Letters</i> , 2018, 292, 123-135.	0.4	19
5367	Sources of free radicals and oxidative stress in the oral cavity. <i>Archives of Oral Biology</i> , 2018, 92, 8-17.	0.8	120
5368	Dietary nucleotides supplementation during the suckling period improves the antioxidative ability of neonates with intrauterine growth retardation when using a pig model. <i>RSC Advances</i> , 2018, 8, 16152-16160.	1.7	12
5369	Invited review: Whey proteins as antioxidants and promoters of cellular antioxidant pathways. <i>Journal of Dairy Science</i> , 2018, 101, 4747-4761.	1.4	101
5370	Dual-signals electrochemiluminescence ratiometry based the synergic effect between luminol and CdSe quantum dots for direct detection of hydrogen peroxide. <i>Journal of Electroanalytical Chemistry</i> , 2018, 815, 61-67.	1.9	17
5371	Milk nutrition and childhood epilepsy: An ex vivo study on cytokines and oxidative stress in response to milk protein fractions. <i>Journal of Dairy Science</i> , 2018, 101, 4842-4852.	1.4	9
5372	An impedimetric biosensor for DNA damage detection and study of the protective effect of deferoxamine against DNA damage. <i>Bioelectrochemistry</i> , 2018, 122, 142-148.	2.4	26
5373	Roasting has a distinct effect on the antimutagenic activity of coffee varieties. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2018, 829-830, 33-42.	0.9	16
5374	Oxidative stress and mitochondrial dysfunction mediated Cd-induced hepatic lipid accumulation in zebrafish <i>Danio rerio</i> . <i>Aquatic Toxicology</i> , 2018, 199, 12-20.	1.9	113
5375	<i>Origanum</i> spp.: an update of their chemical and biological profiles. <i>Phytochemistry Reviews</i> , 2018, 17, 873-888.	3.1	34
5376	Strategies for the development of selenium-based anticancer drugs. <i>Journal of Trace Elements in Medicine and Biology</i> , 2018, 50, 498-507.	1.5	73
5377	Exenatide Increases IL-1RA Concentration and Induces Nrf-2-Keap-1-Regulated Antioxidant Enzymes: Relevance to β -Cell Function. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 1180-1187.	1.8	13
5378	Neuroprotective effect of curcumin nanoparticles against rat model of status epilepticus induced by pilocarpine. <i>Journal of Complementary and Integrative Medicine</i> , 2018, 15, .	0.4	8
5379	Biological and pharmacological effects of hexahydrocurcumin, a metabolite of curcumin. <i>Archives of Biochemistry and Biophysics</i> , 2018, 646, 31-37.	1.4	48
5380	New highly soluble [6,6]-methanofullerene derivatives incorporating both β -keto and β -ester stabilized phosphorus ylides; synthesis, characterization, theoretical and biological studies. <i>Journal of Molecular Structure</i> , 2018, 1165, 142-152.	1.8	9
5381	ROS and RNS signalling: adaptive redox switches through oxidative/nitrosative protein modifications. <i>Free Radical Research</i> , 2018, 52, 507-543.	1.5	208

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5382	Radical scavenging activity of sulfated <i>Bupleurum chinense</i> polysaccharides and their effects against oxidative stress-induced senescence. <i>Carbohydrate Polymers</i> , 2018, 192, 143-149.	5.1	24
5383	Preparation, characterization, digestibility and antioxidant activity of quercetin grafted <i>Cynanchum auriculatum</i> starch. <i>International Journal of Biological Macromolecules</i> , 2018, 114, 130-136.	3.6	68
5384	Oxidative stress markers imbalance in late-life depression. <i>Journal of Psychiatric Research</i> , 2018, 102, 29-33.	1.5	45
5385	New progress in spectroscopic probes for reactive oxygen species. <i>Journal of Analysis and Testing</i> , 2018, 2, 2-19.	2.5	13
5386	Highly selective fluorometric probes for detection of HClO in living cells. <i>Sensors and Actuators B: Chemical</i> , 2018, 266, 447-454.	4.0	21
5387	Chemosensitizing effect of <i>Alpinia officinarum</i> rhizome extract in cisplatin-treated rats with hepatocellular carcinoma. <i>Biomedicine and Pharmacotherapy</i> , 2018, 101, 710-718.	2.5	23
5388	Ultrafast determination of vitamin E using LC-ESI-MS/MS for preclinical development of new nutraceutical formulations. <i>Bioanalysis</i> , 2018, 10, 215-227.	0.6	5
5389	Polyphenol uses in biomaterials engineering. <i>Biomaterials</i> , 2018, 167, 91-106.	5.7	141
5390	The Potency of Ethanolic Extract of <i>Sauropus androgynus</i> (L.) Merr Leaves as Therapeutic herbal of Rats (<i>Rattus norvegicus</i>) Peptic Ulcer Model Induced by Aspirin. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 299, 012018.	0.3	1
5391	Physiological significance of oxidative stress and its role in adaptation of the human body to deleterious factors. <i>Frontiers in Biology</i> , 2018, 13, 19-27.	0.7	0
5392	Chemical Warfare at the Microorganismal Level: A Closer Look at the Superoxide Dismutase Enzymes of Pathogens. <i>ACS Infectious Diseases</i> , 2018, 4, 893-903.	1.8	28
5393	Nano-sized TiO ₂ (nTiO ₂) induces metabolic perturbations in <i>Physarum polycephalum</i> macroplasmidium to counter oxidative stress under dark conditions. <i>Ecotoxicology and Environmental Safety</i> , 2018, 154, 108-117.	2.9	18
5394	Diverse roles of mitochondria in ischemic stroke. <i>Redox Biology</i> , 2018, 16, 263-275.	3.9	280
5395	Î ² -Lactoglobulin Peptide Fragments Conjugated with Caffeic Acid Displaying Dual Activities for Tyrosinase Inhibition and Antioxidant Effect. <i>Bioconjugate Chemistry</i> , 2018, 29, 1000-1005.	1.8	16
5396	Transflammation: How Innate Immune Activation and Free Radicals Drive Nuclear Reprogramming. <i>Antioxidants and Redox Signaling</i> , 2018, 29, 205-218.	2.5	11
5397	Effect of Silymarin Supplementation on Nickel Oxide Nanoparticle Toxicity to Rainbow Trout (<i>Oncorhynchus mykiss</i>) Fingerlings: Pancreas Tissue Histopathology and Alkaline Protease Activity. <i>Iranian Journal of Science and Technology, Transaction A: Science</i> , 2018, 42, 353-361.	0.7	11
5398	Therapeutic Role of Resveratrol and Quercetin on Aortic Fibroblasts of <i>Psammomys obesus</i> After Oxidative Stress by Hydrogen Peroxide. <i>American Journal of Therapeutics</i> , 2018, 25, e299-e313.	0.5	5
5399	Serum ischemia-modified albumin levels in adolescent smokers. <i>International Journal of Adolescent Medicine and Health</i> , 2018, 30, .	0.6	1

#	ARTICLE	IF	CITATIONS
5400	The effect of fitness level on cardiac autonomic regulation, IL-6, total antioxidant capacity, and muscle damage responses to a single bout of high-intensity interval training. <i>Journal of Sport and Health Science</i> , 2018, 7, 363-371.	3.3	34
5401	Combined Hepatoprotective Activity of <i>Murraya koenigii</i> and <i>Phyllanthus niruri</i> Extracts Against Paracetamol Induced Hepatotoxicity in Alcoholic Rats. <i>Proceedings of the National Academy of Sciences India Section B - Biological Sciences</i> , 2018, 88, 655-665.	0.4	1
5402	Chemical composition and antioxidant activities of some indigenous spices consumed in Nigeria. <i>Food Chemistry</i> , 2018, 238, 58-64.	4.2	34
5403	Effects of energy supply and nicotinic acid supplementation on serum anti-oxidative capacity and on expression of oxidative stress-related genes in blood leucocytes of periparturient primi- and pluriparous dairy cows. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2018, 102, e87-e98.	1.0	15
5404	Emerging Roles of Carbonyl Sulfide in Chemical Biology: Sulfide Transporter or Gasotransmitter?. <i>Antioxidants and Redox Signaling</i> , 2018, 28, 1516-1532.	2.5	56
5405	Punicalagin reduces H ₂ O ₂ -induced cytotoxicity and apoptosis in PC12 cells by modulating the levels of reactive oxygen species. <i>Nutritional Neuroscience</i> , 2018, 21, 447-454.	1.5	26
5406	Redox Signaling, Neuroinflammation, and Neurodegeneration. <i>Antioxidants and Redox Signaling</i> , 2018, 28, 1626-1651.	2.5	62
5407	Neuroprotection in Oxidative Stress-Related Neurodegenerative Diseases: Role of Endocannabinoid System Modulation. <i>Antioxidants and Redox Signaling</i> , 2018, 29, 75-108.	2.5	80
5408	Supplementation with macular carotenoids reduces psychological stress, serum cortisol, and sub-optimal symptoms of physical and emotional health in young adults. <i>Nutritional Neuroscience</i> , 2018, 21, 286-296.	1.5	21
5409	Proteomics of mammalian mitochondria in health and malignancy: From protein identification to function. <i>Analytical Biochemistry</i> , 2018, 552, 4-18.	1.1	3
5410	Roles of spermine in modulating the antioxidant status and Nrf2 signalling molecules expression in the thymus and spleen of suckling piglets—a new insight. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2018, 102, e183-e192.	1.0	13
5411	Beneficial Role of Citrus Fruit Polyphenols Against Hepatic Dysfunctions: A Review. <i>Journal of Dietary Supplements</i> , 2018, 15, 223-250.	1.4	12
5412	Synthesis and antioxidant study of new polyphenolic hybrid-coumarins. <i>Arabian Journal of Chemistry</i> , 2018, 11, 525-537.	2.3	56
5413	Functionalised collagen spheres reduce H ₂ O ₂ mediated apoptosis by scavenging overexpressed ROS. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018, 14, 2397-2405.	1.7	38
5414	Exercise-intensity dependent alterations in plasma redox status do not reflect skeletal muscle redox-sensitive protein signaling. <i>Journal of Science and Medicine in Sport</i> , 2018, 21, 416-421.	0.6	35
5415	V79 Fibroblasts Are Protected Against Reactive Oxygen Species by Flax Fabric. <i>Applied Biochemistry and Biotechnology</i> , 2018, 184, 366-385.	1.4	4
5416	Enzymatic Mechanisms Involved in Evasion of Fungi to the Oxidative Stress: Focus on <i>Scenedosporium apiospermum</i> . <i>Mycopathologia</i> , 2018, 183, 227-239.	1.3	20
5417	Use of Red Beet (<i>Beta vulgaris</i> L.) for Antimicrobial Applications—a Critical Review. <i>Food and Bioprocess Technology</i> , 2018, 11, 17-42.	2.6	40

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5418	Purinergic receptor P2Y6 contributes to 1- <i>N</i> -methyl-4-phenylpyridinium-induced oxidative stress and cell death in neuronal SH-SY5Y cells. <i>Journal of Neuroscience Research</i> , 2018, 96, 253-264.	1.3	27
5419	Mineral trioxide aggregate enhances the osteogenic capacity of periodontal ligament stem cells via NF- κ B and MAPK signaling pathways. <i>Journal of Cellular Physiology</i> , 2018, 233, 2386-2397.	2.0	33
5420	Changes in the brain antioxidant profile after chronic vanadium administration in mice. <i>Metabolic Brain Disease</i> , 2018, 33, 377-385.	1.4	17
5421	Anti-proliferative activity of newly synthesized Cd(II), Cu(II), Zn(II), Ni(II), Co(II), VO(II), and Mn(II) complexes of 2-((4,9-dimethoxy-5-oxo- <i>H</i> -furo[3,2- <i>g</i>]chromen-6-yl)methylene) hydrazinecarbothioamide on three human cancer cells. <i>Applied Organometallic Chemistry</i> , 2018, 32, e3936.		
5422	Precancerous ACF induction affects their regional distribution forsaking oxidative stress implication in 1,2-dimethylhydrazine-induced colon carcinogenesis model. <i>Inflammopharmacology</i> , 2018, 26, 457-468.	1.9	6
5423	Toward an Understanding of Structural Insights of Xanthine and Aldehyde Oxidases: An Overview of their Inhibitors and Role in Various Diseases. <i>Medicinal Research Reviews</i> , 2018, 38, 1073-1125.	5.0	80
5424	Nutrition, physical activity, and lifestyle factors in prostate cancer prevention. <i>Current Opinion in Urology</i> , 2018, 28, 55-61.	0.9	52
5425	Oxidative stress prediction: A preliminary approach using a response surface based technique. <i>Toxicology in Vitro</i> , 2018, 46, 273-283.	1.1	4
5426	Isolation, structural characterization and bioactivities of naturally occurring polysaccharide-polyphenolic conjugates from medicinal plants-A review. <i>International Journal of Biological Macromolecules</i> , 2018, 107, 2242-2250.	3.6	68
5427	Reactive oxygen species scavengers ameliorate mechanical allodynia in a rat model of cancer-induced bone pain. <i>Redox Biology</i> , 2018, 14, 391-397.	3.9	74
5428	Small-Molecule Fluorescent Probes for Imaging and Detection of Reactive Oxygen, Nitrogen, and Sulfur Species in Biological Systems. <i>Analytical Chemistry</i> , 2018, 90, 533-555.	3.2	412
5429	Apple phlorizin supplementation attenuates oxidative stress in hamsters fed a high-fat diet. <i>Journal of Food Biochemistry</i> , 2018, 42, e12445.	1.2	10
5430	Assessment of DNA damage in obese premenopausal women with metabolic syndrome. <i>Gene Reports</i> , 2018, 10, 42-46.	0.4	6
5431	A Novel Application of Structural Equation Modeling Estimates the Association between Oxidative Stress and Colorectal Adenoma. <i>Cancer Prevention Research</i> , 2018, 11, 52-58.	0.7	4
5432	Bio-inspired manganese mesoporous silica hybrid material as a water compatible antioxidant. <i>Microporous and Mesoporous Materials</i> , 2018, 261, 150-157.	2.2	6
5433	Multifunctional protein microparticles for medical applications. <i>Biomaterials</i> , 2018, 155, 1-12.	5.7	13
5434	Seed extracts from <i>Myristica fragrans</i> (Nutmeg) and <i>Moringa oleifera</i> (Drumstick tree) inhibits enzymes relevant to erectile dysfunction and metal-induced oxidative damage in rats' penile tissues. <i>Journal of Food Biochemistry</i> , 2018, 42, e12452.	1.2	20
5435	Association Between Oxidative Stress and Melanoma Progression. <i>Journal of Medical Biochemistry</i> , 2018, 37, 12-20.	0.7	27

#	ARTICLE	IF	CITATIONS
5436	Lithium Treatment Aggregates the Adverse Effects on Erythrocytes Subjected to Arsenic Exposure. <i>Biological Trace Element Research</i> , 2018, 184, 206-213.	1.9	4
5437	The neuroprotective effects of hydro-alcoholic extract of olive (<i>Olea europaea</i> L.) leaf on rotenone-induced Parkinson's disease in rat. <i>Metabolic Brain Disease</i> , 2018, 33, 79-88.	1.4	32
5438	Effects of Se and Cd Co-treatment on the Morphology, Oxidative Stress, and Ion Concentrations in the Ovaries of Laying Hens. <i>Biological Trace Element Research</i> , 2018, 183, 156-163.	1.9	18
5439	Antioxidant Activity and Hepatoprotective Activity of Shanxi Aged Vinegar in Hydrogen Peroxide-Treated HepG-2 Cells. <i>Lecture Notes in Electrical Engineering</i> , 2018, , 309-316.	0.3	2
5440	Effect of ginger extract on membrane potential changes and AKT activation on a peroxide-induced oxidative stress cell model. <i>Journal of King Saud University - Science</i> , 2018, 30, 263-269.	1.6	14
5441	Maca (<i>Lepidium meyenii</i>) as a source of macamides and polysaccharide in combating of oxidative stress and damage in human erythrocytes. <i>International Journal of Food Science and Technology</i> , 2018, 53, 304-312.	1.3	11
5442	Application of the Fe ₃ O ₄ @1,10-phenanthroline-5,6-diol/Mn nano-catalyst for the green synthesis of tetrazoles and its biological performance. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4005.	1.7	14
5443	The antioxidative and anti-aging effects of acidic- and alkaline-extractable mycelium polysaccharides by <i>Agrocybe aegerita</i> (Brig.) Sing. <i>International Journal of Biological Macromolecules</i> , 2018, 106, 1270-1278.	3.6	32
5444	Curcumin-supplemented diets improve antioxidant enzymes and alter acetylcholinesterase genes expression level in <i>Drosophila melanogaster</i> model. <i>Metabolic Brain Disease</i> , 2018, 33, 369-375.	1.4	38
5445	Stressing the (Epi)Genome: Dealing with Reactive Oxygen Species in Cancer. <i>Antioxidants and Redox Signaling</i> , 2018, 29, 1273-1292.	2.5	35
5446	Redox Signaling Mechanisms in Nervous System Development. <i>Antioxidants and Redox Signaling</i> , 2018, 28, 1603-1625.	2.5	45
5447	Higher dietary total antioxidant capacity is inversely related to prediabetes: A case-control study. <i>Nutrition</i> , 2018, 46, 20-25.	1.1	27
5448	Genetic variation and risk of DNA damage in peripheral blood lymphocytes of Iranian formaldehyde-exposed workers. <i>Human and Experimental Toxicology</i> , 2018, 37, 690-696.	1.1	3
5449	Antioxidant and hepatoprotective effects of <i>Asparagus albus</i> leaves in carbon tetrachloride-induced liver injury rats. <i>Journal of Food Biochemistry</i> , 2018, 42, e12433.	1.2	6
5450	Ecotoxicity evaluation of Cu- and Fe-CNT complexes based on the activity of bacterial bioluminescence and seed germination. <i>Journal of Environmental Sciences</i> , 2018, 67, 198-205.	3.2	5
5451	Design, synthesis, antimicrobial and antioxidant activity of 3-formyl chromone hydrazone and their metal (II) complexes. <i>Inorganica Chimica Acta</i> , 2018, 469, 87-97.	1.2	31
5452	Protective effect of (±)-bisabolol on rotenone-induced toxicity in <i>Drosophila melanogaster</i> . <i>Canadian Journal of Physiology and Pharmacology</i> , 2018, 96, 359-365.	0.7	23
5453	Antioxidant Consumption is Associated with Decreased Odds of Congenital Limb Deficiencies. <i>Paediatric and Perinatal Epidemiology</i> , 2018, 32, 90-99.	0.8	9

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5454	Adamantyl ferrocene derivatives: Antioxidant abilities and effects on model lipid membranes. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4042.	1.7	2
5455	Altitudinal variation of berberine, total phenolics and flavonoid content in <i>Thalictrum foliolosum</i> and their correlation with antimicrobial and antioxidant activities. <i>Journal of Ayurveda and Integrative Medicine</i> , 2018, 9, 169-176.	0.9	56
5456	Solvents effect on active chemicals and activities of antioxidant, anti- α -glucosidase and inhibit effect on smooth muscle contraction of isolated rat jejunum of <i>Chaenomeles speciosa</i> . <i>Journal of Functional Foods</i> , 2018, 40, 146-155.	1.6	13
5457	Synthesis of bis-coumarins over acetic acid functionalized poly(4-vinylpyridinum) bromide (APVPB) as a green and efficient catalyst under solvent-free conditions and their biological activity. <i>Journal of the Iranian Chemical Society</i> , 2018, 15, 471-481.	1.2	25
5458	A mitochondrial-targeting near-infrared fluorescent probe for bioimaging and evaluating endogenous superoxide anion changes during ischemia/reperfusion injury. <i>Biomaterials</i> , 2018, 156, 134-146.	5.7	99
5459	Lipid peroxidation in cardiac surgery: towards consensus on biomonitoring, diagnostic tools and therapeutic implementation. <i>Journal of Breath Research</i> , 2018, 12, 027109.	1.5	12
5460	Electrochemical Determination of the Superoxide Anion Radical Using a Gold Nanoparticle Poly(3,4-Ethylenedioxythiophene) Ferrocyanide Multiwalled Carbon Nanotube Glassy Carbon Electrode. <i>Analytical Letters</i> , 2018, 51, 1529-1543.	1.0	6
5461	Changes in Oxygen Level Upon Cold Plasma Treatments: Consequences for RONS Production. <i>IEEE Transactions on Radiation and Plasma Medical Sciences</i> , 2018, 2, 147-152.	2.7	20
5462	The walking dead: sequential nuclear and organelle destruction during hair development. <i>British Journal of Dermatology</i> , 2018, 178, 1341-1352.	1.4	14
5463	Role of resveratrol in regulation of cellular defense systems against oxidative stress. <i>BioFactors</i> , 2018, 44, 36-49.	2.6	243
5464	Novel in vitro and in silico insights of the multi-biological activities and chemical composition of <i>Bidens tripartita</i> L.. <i>Food and Chemical Toxicology</i> , 2018, 111, 525-536.	1.8	38
5465	Revisiting the thiosemicarbazonecopper(II) reaction with glutathione. Activity against colorectal carcinoma cell lines. <i>Journal of Inorganic Biochemistry</i> , 2018, 180, 69-79.	1.5	13
5466	Visualizing the Regulation of Hydroxyl Radical Level by Superoxide Dismutase via a Specific Molecular Probe. <i>Analytical Chemistry</i> , 2018, 90, 1317-1324.	3.2	43
5467	Acute treatment with ketamine and chronic treatment with minocycline exert antidepressant-like effects and antioxidant properties in rats subjected different stressful events. <i>Brain Research Bulletin</i> , 2018, 137, 204-216.	1.4	24
5468	Supplemental oxygen therapy does not affect the systemic inflammatory response to acute myocardial infarction. <i>Journal of Internal Medicine</i> , 2018, 283, 334-345.	2.7	4
5469	Antioxidant functionalized polymer capsules to prevent oxidative stress. <i>Acta Biomaterialia</i> , 2018, 67, 21-31.	4.1	55
5470	A simple and efficient synthesis of benzimidazoles containing piperazine or morpholine skeleton at C-6 position as glucosidase inhibitors with antioxidant activity. <i>Bioorganic Chemistry</i> , 2018, 76, 468-477.	2.0	52
5471	Anti-inflammatory and antioxidant activities of the <i>Impatiens noli-tangere</i> and <i>Stachys officinalis</i> polyphenolic-rich extracts. <i>Revista Brasileira De Farmacognosia</i> , 2018, 28, 57-64.	0.6	26

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5472	Adoption of <i>in vitro</i> systems and zebrafish embryos as alternative models for reducing rodent use in assessments of immunological and oxidative stress responses to nanomaterials. <i>Critical Reviews in Toxicology</i> , 2018, 48, 252-271.	1.9	46
5473	Recent Progress in Micro/Nanoreactors toward the Creation of Artificial Organelles. <i>Advanced Healthcare Materials</i> , 2018, 7, 1700917.	3.9	49
5474	An <i>in vitro</i> cytotoxicity assessment of graphene nanosheets on alveolar cells. <i>Applied Surface Science</i> , 2018, 434, 1274-1284.	3.1	21
5475	A new free radical scavenging cascade involving melatonin and three of its metabolites (3OHM, AFMK) Tj ETQq1 1 0.784314 1.1 35	1.1	35
5476	The inflammatory response to silver and titanium dioxide nanoparticles in the central nervous system. <i>Nanomedicine</i> , 2018, 13, 233-249.	1.7	75
5477	Reactive oxygen species and colorectal cancer. <i>Journal of Cellular Physiology</i> , 2018, 233, 5119-5132.	2.0	105
5478	Facile and eco-friendly fabrication of AgNPs coated silk for antibacterial and antioxidant textiles using honeysuckle extract. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 178, 463-471.	1.7	58
5479	Action mechanism of naphthofuranquinones against fluconazole-resistant <i>Candida tropicalis</i> strains evidenced by proteomic analysis: The role of increased endogenous ROS. <i>Microbial Pathogenesis</i> , 2018, 117, 32-42.	1.3	3
5480	Design, synthesis and biological mechanisms research on 1,2,3-triazole derivatives of Jiyuan Oridonin A. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 4761-4773.	1.4	27
5481	Experimentally designed lyophilized dry emulsion tablets for enhancing the antihyperlipidemic activity of atorvastatin calcium: Preparation, <i>in vitro</i> evaluation and <i>in vivo</i> assessment. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 112, 52-62.	1.9	26
5482	Recombinant latcripin 11 of <i>Lentinula edodes</i> C91-3 suppresses the proliferation of various cancer cells. <i>Gene</i> , 2018, 642, 212-219.	1.0	10
5483	Evaluation of chlorpyrifos toxicity through a 28-day study: Cholinesterase activity, oxidative stress responses, parent compound/metabolite levels, and primary DNA damage in blood and brain tissue of adult male Wistar rats. <i>Chemico-Biological Interactions</i> , 2018, 279, 51-63.	1.7	55
5484	Salvianic acid A sodium protects HUVEC cells against tert-butyl hydroperoxide induced oxidative injury via mitochondria-dependent pathway. <i>Chemico-Biological Interactions</i> , 2018, 279, 234-242.	1.7	18
5485	Te-containing carbon dots for fluorescence imaging of superoxide anion in mice during acute strenuous exercise or emotional changes. <i>Chemical Science</i> , 2018, 9, 721-727.	3.7	57
5486	Anti-oxidants correct disturbance of redox enzymes in the hearts of rat fetuses with congenital diaphragmatic hernia. <i>Pediatric Surgery International</i> , 2018, 34, 307-313.	0.6	2
5487	Coriander (<i>Coriandrum sativum</i> L.): Bioactive Molecules and Health Effects. <i>Reference Series in Phytochemistry</i> , 2018, , 1-37.	0.2	4
5488	First line defence antioxidants-superoxide dismutase (SOD), catalase (CAT) and glutathione peroxidase (GPX): Their fundamental role in the entire antioxidant defence grid. <i>Alexandria Journal of Medicine</i> , 2018, 54, 287-293.	0.4	1,840
5489	Neuroprotective effect of an Nrf2-ARE activator identified from a chemical library on dopaminergic neurons. <i>European Journal of Pharmacology</i> , 2018, 818, 470-479.	1.7	20

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5490	Evaluation of cardiovascular responses to silver nanoparticles (AgNPs) in spontaneously hypertensive rats. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018, 14, 385-395.	1.7	38
5491	Effects of water deficit and rehydration on antioxidant and anti-inflammatory activities in methanolic root barks extracts of <i>Rhus tripartitum</i> and <i>Periploca laevigata</i> subsp. <i>angustifolia</i> . <i>Industrial Crops and Products</i> , 2018, 111, 353-359.	2.5	4
5492	Post-thyroidectomy hypothyroidism increases the expression and activity of ectonucleotidases in platelets: Possible involvement of reactive oxygen species. <i>Platelets</i> , 2018, 29, 801-810.	1.1	8
5493	Duloxetine Protects Human Neuroblastoma Cells from Oxidative Stress-Induced Cell Death Through Akt/Nrf-2/HO-1 Pathway. <i>Neurochemical Research</i> , 2018, 43, 387-396.	1.6	20
5494	Bamboo vinegar powder supplementation improves the antioxidant ability of the liver in finishing pigs. <i>Livestock Science</i> , 2018, 211, 80-86.	0.6	13
5495	Role of lipid mediators in the regulation of oxidative stress and inflammatory responses in dairy cattle. <i>Research in Veterinary Science</i> , 2018, 116, 4-14.	0.9	98
5496	Energy drinks and their component modulate attention, memory, and antioxidant defences in rats. <i>European Journal of Nutrition</i> , 2018, 57, 2501-2511.	1.8	19
5497	The Neuroprotective Effect of Conditioned Medium from Human Adipose-Derived Mesenchymal Stem Cells is Impaired by N-acetyl Cysteine Supplementation. <i>Molecular Neurobiology</i> , 2018, 55, 13-25.	1.9	25
5498	Comparison of antioxidative properties of raw vegetables and thermally processed ones using the conventional and sous-vide methods. <i>Food Chemistry</i> , 2018, 240, 1092-1096.	4.2	35
5499	Dietary Supplementation with Virgin Coconut Oil Improves Lipid Profile and Hepatic Antioxidant Status and Has Potential Benefits on Cardiovascular Risk Indices in Normal Rats. <i>Journal of Dietary Supplements</i> , 2018, 15, 330-342.	1.4	36
5500	Protective Mechanisms of Quercetin on Cisplatin Induced Oxidative Damage in Hepatic Tissue of Wistar Rats. <i>Proceedings of the National Academy of Sciences India Section B - Biological Sciences</i> , 2018, 88, 1399-1407.	0.4	2
5501	Polyphenol content, <i>in vitro</i> bioaccessibility and antioxidant capacity of widely consumed beverages. <i>Journal of the Science of Food and Agriculture</i> , 2018, 98, 1397-1406.	1.7	42
5502	Role of bile acids in colon carcinogenesis. <i>World Journal of Clinical Cases</i> , 2018, 6, 577-588.	0.3	94
5503	Antioxidant and immunomodulatory activities of <i>Oviductus ranae</i> in mice. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2018, 54, .	1.2	4
5504	Protective Effect of Water Extract of Citrus Pomace against AAPH-Induced Oxidative Stress In Vitro in Vero Cells and In Vivo in Zebrafish. <i>Preventive Nutrition and Food Science</i> , 2018, 23, 301-308.	0.7	16
5505	IN VITRO FREE RADICAL SCAVENGING ACTIVITY OF ARISTOLOCHIA TAGALA. <i>International Journal of Current Pharmaceutical Research</i> , 2018, 10, 40.	0.2	2
5506	Diet, Epidemiological Factors and Cognitive Impairment: A Cross-Sectional Study in the Elderly Population. <i>Brazilian Archives of Biology and Technology</i> , 2018, 61, .	0.5	3
5507	Clinical Laboratory Predictors of the Outcome of the Acute Period of Atherothrombotic Ischemic Stroke. <i>Neuroscience and Behavioral Physiology</i> , 2018, 48, 924-928.	0.2	0

#	ARTICLE	IF	CITATIONS
5508	Antioxidant role of taurine and oyster mushroom on kidneys of male mice induced by paraquat herbicide. , 2018, , .		1
5509	Biological characterisation and application of human MTH1 and monoclonal antibody preparation. <i>Oncology Reports</i> , 2019, 41, 1851-1862.	1.2	4
5510	NOS1 upregulates ABCG2 expression contributing to DDP chemoresistance in ovarian cancer cells. <i>Oncology Letters</i> , 2018, 17, 1595-1602.	0.8	12
5511	Antioxidant Vitamins and Ageing. <i>Sub-Cellular Biochemistry</i> , 2018, 90, 1-23.	1.0	36
5512	EET Intervention on HO-1 Prevent Obesity Derived Cardiovascular Diseases. <i>Journal of Biomolecular Research & Therapeutics</i> , 2018, 07, .	0.2	1
5513	Epigallocatechin Gallate Is the Most Effective Catechin Against Antioxidant Stress via Hydrogen Peroxide and Radical Scavenging Activity. <i>Medical Science Monitor</i> , 2018, 24, 8198-8206.	0.5	84
5514	Discovering the Health Promoting Potential of Fermented Papaya Preparationâ€”Its Future Perspectives for the Dietary Management of Oxidative Stress During Diabetes. <i>Fermentation</i> , 2018, 4, 83.	1.4	7
5515	Impact of Weakened Geomagnetic Field on Proliferative Activity and Viability of K562 and C3H10T1/2 Cells. <i>Biophysics (Russian Federation)</i> , 2018, 63, 940-945.	0.2	1
5516	Kinetics, Mechanistic and Theoretical Studies on Scavenging Activities of Antioxidants Using 1,2-Dinitrobenzene DNB/DNBâ€” and DNB/DNBâ€” Model Systems: Cyclic Voltammetric and Quantum Semi-Empirical Data Interpretation. <i>Russian Journal of Electrochemistry</i> , 2018, 54, 1252-1273.	0.3	0
5517	Combination of Diet Quality Score, Plasma Carotenoids, and Lipid Peroxidation to Monitor Oxidative Stress. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-11.	1.9	22
5518	Healthy efficacy of <i>Nostoc commune</i> Vaucher. <i>Oncotarget</i> , 2018, 9, 14669-14679.	0.8	33
5519	Highly Thiolated Poly (Beta-Amino Ester) Nanoparticles for Acute Redox Applications. <i>Gels</i> , 2018, 4, 80.	2.1	6
5520	Altered levels of GST activity, Vit C, TPX and Cu in individuals with long-term sulfur mustard-induced lung complications. <i>Inhalation Toxicology</i> , 2018, 30, 483-491.	0.8	3
5521	Effect of Alkaloid Extract from African Jointfir (<i>Gnetum africanum</i>) Leaves on Manganese-Induced Toxicity in <i>Drosophila melanogaster</i> . <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-10.	1.9	16
5522	Oxidative stress: role of physical exercise and antioxidant nutraceuticals in adulthood and aging. <i>Oncotarget</i> , 2018, 9, 17181-17198.	0.8	303
5523	Nutritional and Pharmacological Effects on Oxidative Stress in Soft Tissue and Bone Remodeling. <i>Journal of Nutrition and Metabolism</i> , 2018, 2018, 1-9.	0.7	10
5524	Oxidative stress: therapeutic approaches for cervical cancer treatment. <i>Clinics</i> , 2018, 73, e548s.	0.6	29
5525	A ratiometric fluorescent probe for bioimaging and biosensing of HBrO in mitochondria upon oxidative stress. <i>Chemical Communications</i> , 2018, 54, 12198-12201.	2.2	37

#	ARTICLE	IF	CITATIONS
5526	The relationship between lipid phytochemicals, obesity and its related chronic diseases. Food and Function, 2018, 9, 6048-6062.	2.1	42
5527	<i>Lactobacillus helveticus</i> KLD51.8701 alleviates galactose-induced aging by regulating Nrf-2 and gut microbiota in mice. Food and Function, 2018, 9, 6586-6598.	2.1	66
5528	Silica modification of titania nanoparticles enhances photocatalytic production of reactive oxygen species without increasing toxicity potential <i>in vitro</i> . RSC Advances, 2018, 8, 40369-40377.	1.7	12
5529	Size- and defect-controlled anti-oxidant enzyme mimetic and radical scavenging properties of cerium oxide nanoparticles. New Journal of Chemistry, 2018, 42, 18810-18823.	1.4	44
5530	Regulation of Dendritogenesis in Sympathetic Neurons. , 2018, , .		2
5531	Perioperative antioxidants for adults undergoing elective non-cardiac surgery. The Cochrane Library, 2018, , .	1.5	0
5532	Effects of exercise type on estrogen, tumor markers, immune function, antioxidant function, and physical fitness in postmenopausal obese women. Journal of Exercise Rehabilitation, 2018, 14, 1032-1040.	0.4	17
5533	Introductory Chapter: Basics of Free Radicals and Antioxidants. , 0, , .		11
5534	CARDIOPROTECTIVE EFFECT OF VITAMIN E AGAINST MYOCARDIAL INFARCTION INDUCED BY ISOPRENALINE IN ALBINO RATS. Asian Journal of Pharmaceutical and Clinical Research, 2018, 11, 273.	0.3	4
5536	Melatonin diminishes oxidative stress in plasma, retains erythrocyte resistance and restores white blood cell count after low-dose lipopolysaccharide exposure in mice. General Physiology and Biophysics, 2018, 37, 571-580.	0.4	8
5537	Oxidative Stress Diminishing Perspectives of Green and Black Tea Polyphenols: A Mechanistic Approach. , 2018, , .		1
5538	The effect of the products of ethanol metabolism on the liver – a review. Alcoholism I Narkomania, 2018, 31, 225-242.	0.3	1
5539	Moderate Dose of Trolox Preventing the Deleterious Effects of Wi-Fi Radiation on Spermatozoa In vitro through Reduction of Oxidative Stress Damage. Chinese Medical Journal, 2018, 131, 402-412.	0.9	9
5540	The Impact of Omega 3 Fatty Acids in Atherosclerosis and Arterial Stiffness: An Overview of their Actions. Current Pharmaceutical Design, 2018, 24, 1865-1872.	0.9	11
5541	Physiological and Pathological Vascular Aging. Biological and Medical Physics Series, 2018, , 51-72.	0.3	0
5542	Role of Mitochondria in the Oxidative Stress Induced by Electromagnetic Fields: Focus on Reproductive Systems. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-18.	1.9	85
5543	Effect of mito-TEMPO, a mitochondria-targeted antioxidant, in rats with neuropathic pain. NeuroReport, 2018, 29, 1275-1281.	0.6	19
5544	Arsenic-Induced Oxidative Stress in Plants. , 2018, , 79-104.		12

#	ARTICLE	IF	CITATIONS
5545	Free Radical Scavenging Activity Evaluation of Hydrazones by Quantitative Structure Activity Relationship. <i>Journal of the Mexican Chemical Society</i> , 2018, 62, .	0.2	3
5546	ANTIOXIDANT AND ANTICANCER ACTIVITY OF EXTRACT AND FRACTIONS OBTAINED FROM DIOSPYROS MELANOXYLON ROXB. LEAVES AND CORRELATION WITH THEIR POLYPHENOLIC PROFILES. <i>International Journal of Pharmacy and Pharmaceutical Sciences</i> , 2018, 10, 6.	0.3	3
5547	A New Mixed-Valence Mn(II)Mn(III) Compound With Catalase and Superoxide Dismutase Activities. <i>Frontiers in Chemistry</i> , 2018, 6, 491.	1.8	23
5548	The Role of Green Tea Polyphenols in the Protection from Hexavalent Chromium-Induced Genotoxic Damage. , 0, , .		3
5549	Antioxidant Capacity of the Methanol Extract of <i>Dysophylla auricularia</i> . <i>Current Bioactive Compounds</i> , 2018, 14, 92-98.	0.2	2
5550	The Activities of Antioxidant Enzymes and the Glutathione Content of the Digestive Organs in Marine Invertebrates from Possiet Bay, Sea of Japan. <i>Russian Journal of Marine Biology</i> , 2018, 44, 340-345.	0.2	1
5551	DNA origami nanostructures can exhibit preferential renal uptake and alleviate acute kidney injury. <i>Nature Biomedical Engineering</i> , 2018, 2, 865-877.	11.6	297
5552	TLC Screening Profile of Secondary Metabolites and Biological Activities of <i>Salisapilla tartarea</i> S1YP1 Isolated from Philippine Mangroves. <i>Journal of Oleo Science</i> , 2018, 67, 1585-1595.	0.6	5
5553	Effect of chronic corticosterone-induced depression on circadian rhythms and age-related phenotypes in mice. <i>Acta Biochimica Et Biophysica Sinica</i> , 2018, 50, 1236-1246.	0.9	18
5554	The Protective Role of <i>Crocus Sativus L.</i> (Saffron) Against Ischemia- Reperfusion Injury, Hyperlipidemia and Atherosclerosis: Nature Opposing Cardiovascular Diseases. <i>Current Cardiology Reviews</i> , 2018, 14, 272-289.	0.6	24
5555	miR-148b Functions as a Tumor Suppressor by Targeting Endoplasmic Reticulum Metallo Protease 1 in Human Endometrial Cancer Cells. <i>Oncology Research</i> , 2018, 27, 81-88.	0.6	26
5556	Identification of Proteins Differentially Expressed in the Striatum by Melatonin in a Middle Cerebral Artery Occlusion Rat Model—a Proteomic and in silico Approach. <i>Frontiers in Neuroscience</i> , 2018, 12, 888.	1.4	53
5557	Maternal Protein Malnutrition: Current and Future Perspectives of Spirulina Supplementation in Neuroprotection. <i>Frontiers in Neuroscience</i> , 2018, 12, 966.	1.4	21
5558	HO-1 Induction by <i>Selaginella tamariscina</i> Extract Inhibits Inflammatory Response in Lipopolysaccharide-Stimulated RAW 264.7 Macrophages. <i>Evidence-based Complementary and Alternative Medicine</i> , 2018, 2018, 1-10.	0.5	8
5559	Oxidative Stress and the Microbiota-Gut-Brain Axis. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-12.	1.9	133
5560	The Mitochondrion as Potential Interface in Early-Life Stress Brain Programming. <i>Frontiers in Behavioral Neuroscience</i> , 2018, 12, 306.	1.0	45
5561	Copper nanoparticle-induced uterine injury in female rats. <i>Environmental Toxicology</i> , 2019, 34, 252-261.	2.1	16
5562	Investigation of the neuroprotective effects of crocin via antioxidant activities in HT22 cells and in mice with Alzheimer's disease. <i>International Journal of Molecular Medicine</i> , 2019, 43, 956-966.	1.8	48

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5563	Urban and rural area differences in the interaction between oxidative process elements in human femoral bone. <i>Environmental Science and Pollution Research</i> , 2018, 25, 30475-30487.	2.7	5
5564	N-acetylcysteine improves oxidative stress and inflammatory response in patients with community acquired pneumonia. <i>Medicine (United States)</i> , 2018, 97, e13087.	0.4	97
5565	<i>Costus afer</i> Protects Cardio-, Hepato-, and Reno-Antioxidant Status in Streptozotocin-Intoxicated Wistar Rats. <i>BioMed Research International</i> , 2018, 2018, 1-9.	0.9	8
5566	Oxidative Stress as a Primary Risk Factor for Brain Damage in Preterm Newborns. <i>Frontiers in Pediatrics</i> , 2018, 6, 369.	0.9	70
5567	Potential Role of Fluoride in the Etiopathogenesis of Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3965.	1.8	23
5568	Synthesis, in Vitro Biological Evaluation, and Oxidative Transformation of New Flavonol Derivatives: The Possible Role of the Phenyl-N,N-Dimethylamino Group. <i>Molecules</i> , 2018, 23, 3161.	1.7	10
5569	Fucoidan Exerts Anticancer Effects Against Head and Neck Squamous Cell Carcinoma In Vitro. <i>Molecules</i> , 2018, 23, 3302.	1.7	19
5570	Assessment of Antioxidant Capacity and Putative Healthy Effects of Natural Plant Products Using Soybean Lipoxygenase-Based Methods. An Overview. <i>Molecules</i> , 2018, 23, 3244.	1.7	15
5572	Effect of <i>Sargassum Hystrix</i> Extracts on Weight and Blood Biochemical Profile of Wistar Rats Under Condition of Swimming Stress and Fasting. , 2018, , 33-42.		1
5573	Degenerative and Regenerative Events in the Central and Peripheral Nervous System. , 2018, , 50-69.		1
5574	Activation by Oxidation: Ferrocene-Functionalized Ru(II)-Arene Complexes with Anticancer, Antibacterial, and Antioxidant Properties. <i>Inorganic Chemistry</i> , 2018, 57, 15247-15261.	1.9	51
5575	Evaluation of the Toxicity of Secondary Metabolites in Aqueous Extracts of <i>Ficus thonningii</i> Blume in Wistar rats. <i>American Journal of Ethnomedicine</i> , 2018, 05, .	0.2	1
5576	Free Radical Scavenging Potency of Five Date Varieties at Different Stages by Using DPPH Assay. <i>Journal of Nutrition & Food Sciences</i> , 2018, 08, .	1.0	0
5577	Androgens modulate chronic intermittent hypoxia effects on brain and behavior. <i>Hormones and Behavior</i> , 2018, 106, 62-73.	1.0	31
5578	Microgravity induces autophagy via mitochondrial dysfunction in human Hodgkin's lymphoma cells. <i>Scientific Reports</i> , 2018, 8, 14646.	1.6	32
5579	Role of Mitochondria in Regulating Lutein and Chlorophyll Biosynthesis in <i>Chlorella pyrenoidosa</i> under Heterotrophic Conditions. <i>Marine Drugs</i> , 2018, 16, 354.	2.2	9
5580	A Hemicyanine-Embedded Diphenylselenide-Containing Probe HemiSe^2 Stays Reduced for Selective Detection of Superoxide in Living Cells. <i>Chemistry - an Asian Journal</i> , 2018, 13, 3895-3902.	1.7	9
5581	Oxidative stress and hepatotoxicity of <i>Rana chensinensis</i> exposed to low doses of octylphenol. <i>Environmental Toxicology and Pharmacology</i> , 2018, 64, 86-93.	2.0	12

#	ARTICLE	IF	CITATIONS
5582	Indicator of RNA oxidation in urine for the prediction of mortality in patients with type 2 diabetes and microalbuminuria: A post-hoc analysis of the Steno-2 trial. <i>Free Radical Biology and Medicine</i> , 2018, 129, 247-255.	1.3	9
5583	Carboxymethyl chitosan: Properties and biomedical applications. <i>International Journal of Biological Macromolecules</i> , 2018, 120, 1406-1419.	3.6	455
5584	N-Acetylcysteine Suppresses LPS-Induced Pathological Angiogenesis. <i>Cellular Physiology and Biochemistry</i> , 2018, 49, 2483-2495.	1.1	11
5585	Antioxidant Properties of the Vam3 Derivative of Resveratrol. <i>Molecules</i> , 2018, 23, 2446.	1.7	8
5586	Tracing Early Neurodevelopment in Schizophrenia with Induced Pluripotent Stem Cells. <i>Cells</i> , 2018, 7, 140.	1.8	35
5587	Redox Balance, Antioxidant Defense, and Oxidative Damage in the Hypothalamus and Cerebral Cortex of Rats with High Fat Diet-Induced Insulin Resistance. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 1-11.	1.9	69
5588	Enzymatic Oxidative Stress Indicators and Oxidative Stress Index in Patients of Leprosy. <i>Nepal Journal of Dermatology Venereology & Leprology</i> , 2018, 16, 35-40.	0.1	1
5589	IMM-H004, a Novel Coumarin Derivative Compound, Inhibits H ₂ O ₂ -Induced Neurotoxicity via Antioxidant and Antiapoptosis in PC12 Cells. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2018, 27, 3396-3403.	0.7	1
5590	Post-exposure distribution of selenium and aluminum ions and their effects on superoxide dismutase activity in mouse brain. <i>Molecular Biology Reports</i> , 2018, 45, 2421-2427.	1.0	6
5591	PARP inhibition in platinum-based chemotherapy: Chemopotential and neuroprotection. <i>Pharmacological Research</i> , 2018, 137, 104-113.	3.1	38
5592	Low-intensity electromagnetic fields induce human cryptochrome to modulate intracellular reactive oxygen species. <i>PLoS Biology</i> , 2018, 16, e2006229.	2.6	75
5593	Pasting alters glycemic index, antioxidant activities, and starch hydrolyzing enzyme inhibitory properties of whole wheat flour. <i>Food Science and Nutrition</i> , 2018, 6, 1591-1600.	1.5	6
5594	Molecular pathways associated with oxidative stress in diabetes mellitus. <i>Biomedicine and Pharmacotherapy</i> , 2018, 108, 656-662.	2.5	304
5595	Antioxidants in Personalized Nutrition and Exercise. <i>Advances in Nutrition</i> , 2018, 9, 813-823.	2.9	52
5596	The Sources of Reactive Oxygen Species and Its Possible Role in the Pathogenesis of Parkinson's Disease. <i>Parkinson's Disease</i> , 2018, 2018, 1-9.	0.6	60
5597	Inhibitory effect of <i>Labisia pumila</i> leaf extract on angiogenesis via down-regulation of vascular endothelial growth factor. <i>Tropical Journal of Pharmaceutical Research</i> , 2018, 17, 1087.	0.2	1
5598	Iron Doped CuSn(OH) ₆ Microspheres as a Peroxidase-Mimicking Artificial Enzyme for H ₂ O ₂ Colorimetric Detection. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 14383-14393.	3.2	103
5599	The effect of obesity and dietary habits on oxidative stress in Hashimoto's thyroiditis. <i>Endocrine Connections</i> , 2018, 7, 990-997.	0.8	11

#	ARTICLE	IF	CITATIONS
5600	Radical scavenging property of a novel peptide derived from C-terminal SOD domain of superoxide dismutase enzyme in <i>Arthrospira platensis</i> . <i>Algal Research</i> , 2018, 35, 519-529.	2.4	41
5601	Stability Analysis of Anthocyanins Using Alcoholic Extracts from Black Carrot (<i>Daucus Carota</i> ssp.) Tj ETQq1 1 0.784314 rgBT, /Overlo 1.7 34	1.7	34
5602	Comparison of different methods for measuring the superoxide radical by EPR spectroscopy in buffer, cell lysates and cells. <i>Free Radical Research</i> , 2018, 52, 1182-1196.	1.5	16
5603	Interaction between a variant of chromosome 9p21.3 locus and diet antioxidant capacity on metabolic syndrome in Tehrani adults. <i>Diabetology and Metabolic Syndrome</i> , 2018, 10, 76.	1.2	4
5604	Long-term effects of superoxide and DNA repair on lizard telomeres. <i>Molecular Ecology</i> , 2018, 27, 5154-5164.	2.0	18
5605	Reactive Oxygen Species Formation in the Brain at Different Oxygen Levels: The Role of Hypoxia Inducible Factors. <i>Frontiers in Cell and Developmental Biology</i> , 2018, 6, 132.	1.8	173
5606	Protective effect of 1950 MHz electromagnetic field in human neuroblastoma cells challenged with menadione. <i>Scientific Reports</i> , 2018, 8, 13234.	1.6	18
5607	Redox Homeostasis in Age-Related Muscle Atrophy. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1088, 281-306.	0.8	10
5608	Tea Polypeptide Ameliorates Diabetic Nephropathy through RAGE and NF- κ B Signaling Pathway in Type 2 Diabetes Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 11957-11967.	2.4	38
5609	Augmentation of Fluvastatin Cytotoxicity Against Prostate Carcinoma PC3 Cell Line Utilizing Alpha Lipoic Acid Nanostructured Lipid Carrier Formula. <i>AAPS PharmSciTech</i> , 2018, 19, 3454-3461.	1.5	29
5610	Effects of dietary protein restriction followed by realimentation on growth performance and liver transcriptome alterations of lamb. <i>Scientific Reports</i> , 2018, 8, 15185.	1.6	12
5611	Synthesis and <i>in vitro</i> antioxidant activity of new pyrimidin/benzothiazol-substituted piperazinyl flavones. <i>Future Medicinal Chemistry</i> , 2018, 10, 2293-2308.	1.1	11
5612	A minireview of effects of white tea consumption on diseases. <i>Trends in Food Science and Technology</i> , 2018, 82, 82-88.	7.8	65
5613	Perioperative Levels of Adiponectin and Oxidative Stress in Patients Undergoing Laparoscopic Abdominal Surgery for Cancer. <i>Anti-Inflammatory and Anti-Allergy Agents in Medicinal Chemistry</i> , 2018, 16, 168-174.	1.1	4
5614	Jackfruit (<i>Artocarpus heterophyllus</i>): Biodiversity, Nutritional Contents, and Health. <i>Reference Series in Phytochemistry</i> , 2018, , 1-23.	0.2	8
5615	Upper Rim Monofunctionalisation in the Synthesis of Triazole- and Disulfide-Linked Multicalix[4] and [6]arenes. <i>Chemistry - A European Journal</i> , 2018, 24, 19089-19097.	1.7	4
5616	Biological Markers of Oxidative Stress in Cardiovascular Diseases: After so Many Studies, What do We Know?. <i>Immunological Investigations</i> , 2018, 47, 823-843.	1.0	20
5617	Prediabetes Is Associated With Structural Brain Abnormalities: The Maastricht Study. <i>Diabetes Care</i> , 2018, 41, 2535-2543.	4.3	68

#	ARTICLE	IF	CITATIONS
5618	Effect of low-level 1800MHz radiofrequency radiation on the rat sciatic nerve and the protective role of paricalcitol. <i>Bioelectromagnetics</i> , 2018, 39, 631-643.	0.9	6
5619	Treatment of NASH with Antioxidant Therapy: Beneficial Effect of Red Cabbage on Type 2 Diabetic Rats. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-15.	1.9	12
5620	Curcumin nanofibers for the purpose of wound healing. <i>Journal of Cellular Physiology</i> , 2019, 234, 5537-5554.	2.0	90
5621	Acidity and Antioxidant Activity of Cold Brew Coffee. <i>Scientific Reports</i> , 2018, 8, 16030.	1.6	74
5622	Sonic hedgehog protects endometrial hyperplasia cells against oxidative stress via suppressing mitochondrial fission protein dynamin-like GTPase (Drp1). <i>Free Radical Biology and Medicine</i> , 2018, 129, 582-599.	1.3	31
5623	Variation Effects of Mobile Phone Frequencies and Exposure Durations on Selected Oxidative Stress Biomarkers of Male Wistar Albino Rats. <i>Biochemistry and Analytical Biochemistry: Current Research</i> , 2018, 07, .	0.4	1
5624	Application of a series of biomarkers in Scallop <i>Chlamys farreri</i> to assess the toxic effects after exposure to a priority hazardous and noxious substance (HNS) Acrylonitrile. <i>Environmental Toxicology and Pharmacology</i> , 2018, 64, 122-130.	2.0	7
5625	Caffeic acid attenuates rat liver injury after transplantation involving PDIA3-dependent regulation of NADPH oxidase. <i>Free Radical Biology and Medicine</i> , 2018, 129, 202-214.	1.3	19
5626	Graphene-based materials: The missing piece in nanomedicine?. <i>Biochemical and Biophysical Research Communications</i> , 2018, 504, 686-689.	1.0	30
5627	Antibacterial and antioxidant activities for natural and synthetic dual-active compounds. <i>European Journal of Medicinal Chemistry</i> , 2018, 158, 91-105.	2.6	129
5628	Ratiometric fluorescent probes for capturing endogenous hypochlorous acid in the lungs of mice. <i>Chemical Science</i> , 2018, 9, 8207-8212.	3.7	82
5629	p53 and metabolism: from mechanism to therapeutics. <i>Oncotarget</i> , 2018, 9, 23780-23823.	0.8	103
5630	Ginger extract extends the lifespan of <i>Drosophila melanogaster</i> through antioxidation and ameliorating metabolic dysfunction. <i>Journal of Functional Foods</i> , 2018, 49, 295-305.	1.6	19
5631	Effects of exogenous nitric oxide on cadmium toxicity and antioxidative system in perennial ryegrass. <i>Journal of Soil Science and Plant Nutrition</i> , 2018, , 0-0.	1.7	11
5632	Biological synthesis and characterisation of silver nanoparticles using <i>Pseudomonas geniculata</i> H10 for pharmaceutical activity. <i>IET Nanobiotechnology</i> , 2018, 12, 828-835.	1.9	2
5633	Purification and Identification of an Antioxidative Peptide from Digestive Enzyme Hydrolysis of Cutlassfish Muscle. <i>Journal of Aquatic Food Product Technology</i> , 2018, 27, 934-944.	0.6	6
5634	Use of Organic Wastes and Industrial By-Products to Produce Filamentous Fungi with Potential as Aqua-Feed Ingredients. <i>Sustainability</i> , 2018, 10, 3296.	1.6	55
5635	Modulatory effect of quercetin and its glycosylated form on key enzymes and antioxidant status in rats penile tissue of paroxetine-induced erectile dysfunction. <i>Biomedicine and Pharmacotherapy</i> , 2018, 107, 1473-1479.	2.5	35

#	ARTICLE	IF	CITATIONS
5636	Antidiabetic and Neuroprotective Effect of the N-Butanol Extract of <i>Fragaria nilgerrensis</i> Schlecht. in STZ-Induced Diabetic Mice. Evidence-based Complementary and Alternative Medicine, 2018, 2018, 1-12.	0.5	3
5637	Environmental Stimuli-Responsive Long-Term Radical Scavenging of 2D Transition Metal Dichalcogenides through Defect-Mediated Hydrogen Atom Transfer in Aqueous Media. Advanced Functional Materials, 2018, 28, 1802737.	7.8	9
5638	Endophytic Fungi: Carrier of Potential Antioxidants. , 2018, , 539-551.		2
5639	Bioprospecting of Endophytic Fungi for Bioactive Compounds. , 2018, , 651-697.		3
5640	Effects of Watermelon Powder and L-arginine Supplementation on Azoxymethane-Induced Colon Carcinogenesis in Rats. Nutrition and Cancer, 2018, 70, 938-945.	0.9	3
5641	Emerging PET Radiotracers and Targets for Imaging of Neuroinflammation in Neurodegenerative Diseases: Outlook Beyond TSPO. Molecular Imaging, 2018, 17, 153601211879231.	0.7	158
5642	A comparative study on immune-stimulatory and antioxidant activities of various types of ginseng extracts in murine and rodent models. Journal of Ginseng Research, 2018, 42, 577-584.	3.0	33
5643	Preparation, characterization, release and antioxidant activity of curcumin-loaded amorphous calcium phosphate nanoparticles. Journal of Non-Crystalline Solids, 2018, 500, 317-325.	1.5	32
5644	The role of vitamin C in the gene expression of oxidative stress markers in fibroblasts from burn patients. Acta Cirurgica Brasileira, 2018, 33, 703-712.	0.3	10
5645	Naphthalene dianhydride based selective detection targetable fluorescent probe for monitoring exogenous Iron in living cells. Tetrahedron Letters, 2018, 59, 3858-3862.	0.7	8
5646	Exercise-Induced Oxidative Stress and the Effects of Antioxidant Intake from a Physiological Viewpoint. Antioxidants, 2018, 7, 119.	2.2	170
5647	Antioxidant and Antimutagenic Activities of Different Fractions from the Leaves of <i>Rhododendron arboreum</i> Sm. and Their GC-MS Profiling. Molecules, 2018, 23, 2239.	1.7	18
5648	Prophylactic vs. Therapeutic Treatment With P2Et Polyphenol-Rich Extract Has Opposite Effects on Tumor Growth. Frontiers in Oncology, 2018, 8, 356.	1.3	24
5649	Evaluation of prooxidant-antioxidant balance in in vitro fertilization-conceived mice. Clinical and Experimental Reproductive Medicine, 2018, 45, 82-87.	0.5	5
5650	De novo transcriptome assembly of the lobster cockroach <i>Nauphoeta cinerea</i> (Blaberidae). Genetics and Molecular Biology, 2018, 41, 713-721.	0.6	8
5651	Stability and antioxidant activities of corn protein hydrolysates under simulated gastrointestinal digestion. Cereal Chemistry, 2018, 95, 760-769.	1.1	20
5652	New Insights in the Pathogenesis of HPV Infection and the Associated Carcinogenic Processes: The Role of Chronic Inflammation and Oxidative Stress. Journal of Immunology Research, 2018, 2018, 1-10.	0.9	92
5653	Protective Effect of Melatonin against Oxidative Stress-Induced Apoptosis and Enhanced Autophagy in Human Retinal Pigment Epithelium Cells. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-12.	1.9	64

#	ARTICLE	IF	CITATIONS
5672	Andrographolide Exhibits Anticancer Potential Against Human Colon Cancer Cells by Inducing Cell Cycle Arrest and Programmed Cell Death via Augmentation of Intracellular Reactive Oxygen Species Level. <i>Nutrition and Cancer</i> , 2018, 70, 787-803.	0.9	48
5673	Enhanced steroidogenic and altered antioxidant response by ZnO nanoparticles in mouse testis Leydig cells. <i>Toxicology and Industrial Health</i> , 2018, 34, 571-588.	0.6	25
5674	The determination of salivary oxypurines before and after exercise by combined liquid chromatography-field asymmetric waveform ion mobility spectrometry-time-of-flight mass spectrometry. <i>International Journal for Ion Mobility Spectrometry</i> , 2018, 21, 87-95.	1.4	4
5675	The relationships between cytochromes P450 and H ₂ O ₂ : Production, reaction, and inhibition. <i>Journal of Inorganic Biochemistry</i> , 2018, 186, 228-234.	1.5	65
5676	Physiological changes in the adenosine deaminase activity, antioxidant and inflammatory parameters in pregnant cows and at postpartum. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2018, 102, 910-916.	1.0	7
5677	Cytoprotective effect of <i>Streptococcus thermophilus</i> against oxidative stress mediated by a novel peroxidase (EfeB). <i>Journal of Dairy Science</i> , 2018, 101, 6955-6963.	1.4	5
5678	Developmental toxicity, oxidative stress and immunotoxicity induced by three strobilurins (pyraclostrobin, trifloxystrobin and picoxystrobin) in zebrafish embryos. <i>Chemosphere</i> , 2018, 207, 781-790.	4.2	102
5679	Characterization of xanthine dehydrogenase and aldehyde oxidase of <i>Marsupenaeus japonicus</i> and their response to microbial pathogen. <i>Molecular Biology Reports</i> , 2018, 45, 419-432.	1.0	6
5680	Nutritionally Available Selenocysteine Derivative Antagonizes Cisplatin-Induced Toxicity in Renal Epithelial Cells through Inhibition of Reactive Oxygen Species-Mediated Signaling Pathways. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 5860-5870.	2.4	12
5681	Intracellular development of <i>Trypanosoma cruzi</i> in the presence of metals. <i>Journal of Parasitic Diseases</i> , 2018, 42, 372-381.	0.4	2
5682	The Emerging Role of Vitamin B6 in Inflammation and Carcinogenesis. <i>Advances in Food and Nutrition Research</i> , 2018, 83, 151-194.	1.5	38
5683	Impact of prepubertal exposure to dietary protocatechuic acid on the hypothalamic-pituitary-testicular axis in rats. <i>Chemico-Biological Interactions</i> , 2018, 290, 99-109.	1.7	20
5684	Cocoa ingestion protects plasma lipids in healthy males against ex vivo oxidative conditions: A randomized clinical trial. <i>Clinical Nutrition ESPEN</i> , 2018, 26, 1-7.	0.5	7
5685	Oxidative stress in autoimmune rheumatic diseases. <i>Free Radical Biology and Medicine</i> , 2018, 125, 3-14.	1.3	204
5686	Synthesis of Novel Azaaromatic Curcuminoids with Improved Biological Activities towards Various Cancer Cell Lines. <i>ChemistryOpen</i> , 2018, 7, 381-392.	0.9	22
5687	Fullerenes for Cancer Therapy and Bioimaging. <i>Nanomedicine and Nanotoxicology</i> , 2018, , 387-415.	0.1	2
5688	Effects of astaxanthin on biochemical and histopathological parameters related to oxidative stress on testes of rats on high fructose regime. <i>Andrologia</i> , 2018, 50, e13042.	1.0	21
5689	Effects of chitosan addition on growth performance, diarrhoea, anti-oxidative function and serum immune parameters of weaned piglets. <i>South African Journal of Animal Sciences</i> , 2018, 48, 142.	0.2	14

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5690	Anticancer Plants: Chemistry, Pharmacology, and Potential Applications. , 2018, , 485-515.		8
5691	Evaluation of the alleviative role of <i>Chlorella vulgaris</i> and <i>Spirulina platensis</i> extract against ovarian dysfunctions induced by monosodium glutamate in mice. <i>Journal of Genetic Engineering and Biotechnology</i> , 2018, 16, 653-660.	1.5	12
5692	GSH/GSSG redox couple plays central role in aryl hydrocarbon receptor-dependent modulation of cytochrome P450 1A1. <i>Journal of Biochemical and Molecular Toxicology</i> , 2018, 32, e22164.	1.4	4
5693	Investigation of Reaction Mechanisms and Kinetics of the Radical Scavenging Ability of 5-Tert-Butylbenzene-1,2,3-Triol and 3,5-di-Tert-Butylbenzene-1,2-Diol Compounds Towards OOH Radical. <i>Progress in Reaction Kinetics and Mechanism</i> , 2018, 43, 101-111.	1.1	0
5694	Cardiac Glycosides and Oxidative Stress in Liver Cancer. , 2018, , 55-61.		3
5695	Long-Term Resveratrol Supplementation as a Secondary Prophylaxis for Stroke. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-10.	1.9	46
5696	Acute Consumption of Bordo Grape Juice and Wine Improves Serum Antioxidant Status in Healthy Individuals and Inhibits Reactive Oxygen Species Production in Human Neuron-Like Cells. <i>Journal of Nutrition and Metabolism</i> , 2018, 2018, 1-11.	0.7	19
5697	Neuroprotective activity of tetramethylpyrazine against 3-nitropropionic acid induced Huntington's disease-like symptoms in rats. <i>Biomedicine and Pharmacotherapy</i> , 2018, 105, 1254-1268.	2.5	45
5698	Free Radical Damage in Ischemia-Reperfusion Injury: An Obstacle in Acute Ischemic Stroke after Revascularization Therapy. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-17.	1.9	313
5699	The future of telomere length in personalized medicine. <i>Frontiers in Bioscience - Landmark</i> , 2018, 23, 1628-1654.	3.0	33
5700	Egg Protein-Derived Bioactive Peptides: Preparation, Efficacy, and Absorption. <i>Advances in Food and Nutrition Research</i> , 2018, 85, 1-58.	1.5	34
5701	Flavocoxid, a Natural Antioxidant, Protects Mouse Kidney from Cadmium-Induced Toxicity. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-15.	1.9	30
5702	The Traditional Medicinal Plants <i>Cuphea calophylla</i> , <i>Tibouchina kingii</i> , and <i>Pseudelephantopus spiralis</i> Attenuate Inflammatory and Oxidative Mediators. <i>Evidence-based Complementary and Alternative Medicine</i> , 2018, 2018, 1-11.	0.5	5
5703	Neuroprotective effect of epalrestat mediated through oxidative stress markers, cytokines and TAU protein levels in diabetic rats. <i>Life Sciences</i> , 2018, 207, 364-371.	2.0	11
5704	Implications of Antioxidant Systems in Inflammatory Bowel Disease. <i>BioMed Research International</i> , 2018, 2018, 1-7.	0.9	80
5705	R(+)-Thioctic Acid Effects on Oxidative Stress and Peripheral Neuropathy in Type II Diabetic Patients: Preliminary Results by Electron Paramagnetic Resonance and Electroneurography. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-15.	1.9	26
5706	The Oxidant-Antioxidant Equilibrium and Inflammatory Process Indicators after an Exercise Test on the AlterG Antigravity Treadmill in Young Amateur Female Athletes. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-8.	1.9	4
5707	Protective Effects of Shenfu Injection against Myocardial Ischemia-Reperfusion Injury & Activation of eNOS in Rats. <i>Biological and Pharmaceutical Bulletin</i> , 2018, 41, 1406-1413.	0.6	22

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5708	Responsive polyelectrolyte complexes based on natural polysaccharides for drug delivery applications. , 2018, , 267-287.		5
5709	Effect of dietary supplementation with a highly pure and concentrated docosahexaenoic acid (DHA) supplement on human sperm function. <i>Reproductive Biology</i> , 2018, 18, 282-288.	0.9	29
5710	Local low dose curcumin treatment improves functional recovery and remyelination in a rat model of sciatic nerve crush through inhibition of oxidative stress. <i>Neuropharmacology</i> , 2018, 139, 98-116.	2.0	51
5711	Structure characterization, modification through carboxymethylation and sulfation, and in vitro antioxidant and hypoglycemic activities of a polysaccharide from <i>Lachnum</i> sp.. <i>Process Biochemistry</i> , 2018, 72, 177-187.	1.8	46
5712	Methyl Chavicol and Its Synthetic Analogue as Possible Antioxidant and Antilipase Agents Based on the <i>In Vitro</i> and <i>In Silico</i> Assays. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-11.	1.9	20
5713	Perillaldehyde Inhibits AHR Signaling and Activates NRF2 Antioxidant Pathway in Human Keratinocytes. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-9.	1.9	26
5714	Isolation, Structural Characterization, and Validation of a New Compound Present in Non-Carbonyl <i>Curcuma longa</i> (NCCL): A Potential Lead for Stroke. <i>Journal of Heterocyclic Chemistry</i> , 2018, 55, 1926-1934.	1.4	3
5715	Protective effects of neocuproine copper chelator against oxidative damage in NSC34 cells. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2018, 836, 62-71.	0.9	3
5716	Synergistic Effects of Dantrolene and Nimodipine on the Phenylephrine-Induced Contraction and ACh-Induced Relaxation in Aortic Rings from Diabetic Rats. <i>International Journal of Endocrinology</i> , 2018, 2018, 1-10.	0.6	3
5717	Natural and Nature-Inspired Synthetic Small Molecule Antioxidants in the Context of "Green Chemistry". , 2018, , 963-979.		2
5718	8-F2-isoprostane, thioredoxin and thioredoxin reductase levels in children with obsessive-compulsive disorder. <i>Nordic Journal of Psychiatry</i> , 2018, 72, 484-488.	0.7	3
5719	Effect of N-Acetylcysteine on Dyslipidemia and Carbohydrate Metabolism in STZ-Induced Diabetic Rats. <i>International Journal of Vascular Medicine</i> , 2018, 2018, 1-7.	0.4	12
5720	The <i>In Vitro</i> Antioxidant Activity and Inhibition of Intracellular Reactive Oxygen Species of Sweet Potato Leaf Polyphenols. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-11.	1.9	34
5721	The in vitro antioxidant properties of <i>Muscari comosum</i> bulbs and their inhibitory activity on enzymes involved in inflammation, post-prandial hyperglycemia, and cognitive/neuromuscular functions. <i>Journal of Food Biochemistry</i> , 2018, 42, e12580.	1.2	8
5722	The Role of Nrf2 Signaling in PPAR γ -Mediated Vascular Protection against Hyperglycemia-Induced Oxidative Stress. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-12.	1.9	30
5723	ROS-dependent Bax/Bcl2 and caspase 3 pathway-mediated apoptosis induced by zineb in human keratinocyte cells. <i>OncoTargets and Therapy</i> , 2018, Volume 11, 489-497.	1.0	37
5724	Plasma and Salivary Non-Urate Total Antioxidant Capacity Does Not Depend on Dietary Vitamin C, E, or β -Carotene Intake in Older Subjects. <i>Molecules</i> , 2018, 23, 983.	1.7	7
5725	Quercetin potentiates the concurrent hyper-accumulation of cellular biomass and lipids in <i>Chlorella vulgaris</i> . <i>Bioresource Technology</i> , 2018, 269, 434-442.	4.8	23

#	ARTICLE	IF	CITATIONS
5726	Evidence for a hyper-reductive redox in a sub-set of heart failure patients. <i>Journal of Translational Medicine</i> , 2018, 16, 130.	1.8	17
5727	An Overview of Novel Dietary Supplements and Food Ingredients in Patients with Metabolic Syndrome and Non-Alcoholic Fatty Liver Disease. <i>Molecules</i> , 2018, 23, 877.	1.7	27
5728	Assessment of oxidant-antioxidant status alterations with tumor biomarkers and reproductive system hormones in uterine MYOMAS. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2018, 229, 1-7.	0.5	4
5729	Low Doses of Polyethylene Glycol Coated Iron Oxide Nanoparticles Cause Significant Elemental Changes within Main Organs. <i>Chemical Research in Toxicology</i> , 2018, 31, 876-884.	1.7	10
5730	Cardiac autonomic neuropathy: Risk factors, diagnosis and treatment. <i>World Journal of Diabetes</i> , 2018, 9, 1-24.	1.3	145
5731	Vitamin E Protection Against Hyperthyroidism-Induced Liver Oxidative Stress. , 2018, , 169-181.		1
5732	Evaluating protective and therapeutic effects of alpha-lipoic acid on cisplatin-induced ototoxicity. <i>Cell Death and Disease</i> , 2018, 9, 827.	2.7	48
5733	Antioxidants Attenuate Isolation- and L-DOPA-Induced Aggression in Mice. <i>Frontiers in Pharmacology</i> , 2017, 8, 945.	1.6	31
5734	The Natural Flavone Acacetin Confers Cardiomyocyte Protection Against Hypoxia/Reoxygenation Injury via AMPK-Mediated Activation of Nrf2 Signaling Pathway. <i>Frontiers in Pharmacology</i> , 2018, 9, 497.	1.6	55
5735	Implication of Oxidative Stress in Fetal Programming of Cardiovascular Disease. <i>Frontiers in Physiology</i> , 2018, 9, 602.	1.3	111
5736	Simulation of positron and electron elastic mean free path and diffusion angle on DNA nucleobases from 10 eV to 100 keV. <i>Surface and Interface Analysis</i> , 2018, 50, 939-946.	0.8	6
5737	Clozapine, ziprasidone, and sertindole-induced morphological changes in the rat heart and their relationship to antioxidant enzymes function. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2018, 81, 844-853.	1.1	22
5738	Beneficial effects of cherry consumption as a dietary intervention for metabolic, hepatic and vascular complications in type 2 diabetic rats. <i>Cardiovascular Diabetology</i> , 2018, 17, 104.	2.7	11
5739	Oxidative stress in triazine pesticide toxicity: a review of the main biomarker findings. <i>Arhiv Za Higijenu Rada I Toksikologiju</i> , 2018, 69, 109-125.	0.4	37
5740	Resveratrol-Inspired Benzo[b]selenophenes Act as Anti-Oxidants in Yeast. <i>Molecules</i> , 2018, 23, 507.	1.7	19
5741	Simultaneous quantification of urinary 6â€šulfatoxymelatonin and 8â€šhydroxyâ€šdeoxyguanosine using liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1095, 119-126.	1.2	13
5742	Oregano Essential Oil Attenuates RAW264.7 Cells from Lipopolysaccharide-Induced Inflammatory Response through Regulating NADPH Oxidase Activation-Driven Oxidative Stress. <i>Molecules</i> , 2018, 23, 1857.	1.7	37
5743	Anti-Inflammatory, Antioxidative, and Hepatoprotective Effects of Trans-9-Tetrahydrocannabinol/Sesame Oil on Adjuvant-Induced Arthritis in Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2018, 2018, 1-13.	0.5	16

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5744	Purification and identification of two novel antioxidant peptides from perilla (<i>Perilla frutescens</i> L.) Tj ETQq0 0 0 rgBTJ /Overlock 10 Tf 50	1.1	40
5745	The Effect of Environmental Enrichment on Glutathione-Mediated Xenobiotic Metabolism and Antioxidation in Normal Adult Mice. <i>Frontiers in Neurology</i> , 2018, 9, 425.	1.1	7
5746	Silencing of HIF-1 in WSSV-infected white shrimp: Effect on viral load and antioxidant enzymes. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2018, 213, 19-26.	1.3	17
5747	Methotrexate prodrugs sensitive to reactive oxygen species for the improved treatment of rheumatoid arthritis. <i>European Journal of Medicinal Chemistry</i> , 2018, 156, 738-746.	2.6	22
5748	Salivary Antioxidant Status in Patients with Oral Lichen Planus: Correlation with Clinical Signs and Evolution during Treatment with <i>Chamaemelum nobile</i> . <i>BioMed Research International</i> , 2018, 2018, 1-5.	0.9	13
5749	Phytochemical Screening and In-Vitro Antioxidant Activity of <i>Peristrophe paniculata</i> . <i>Herbal Medicine Open Access</i> , 2018, 04, .	0.0	1
5750	Comparative estimation of sulfiredoxin levels between chronic periodontitis and healthy patients â€œ A caseâ€ control study. <i>Journal of Periodontology</i> , 2018, 89, 1241-1248.	1.7	249
5751	Tualang honey adjunct with anastrozole improve parenchyma enhancement of breast tissue in breast cancer patients: A randomized controlled trial. <i>Integrative Medicine Research</i> , 2018, 7, 322-327.	0.7	9
5752	Investigation of the relationship between oxidative stress and SCUBE1 levels in high fat diet-induced obese rats. <i>Turkish Journal of Medical Sciences</i> , 2018, 48, 196-201.	0.4	2
5753	Diet and Cancer. , 2018, , .		0
5754	Control of SUMO and Ubiquitin by ROS: Signaling and disease implications. <i>Molecular Aspects of Medicine</i> , 2018, 63, 3-17.	2.7	44
5755	Regulatory role of heme oxygenase-1 in silica-induced lung injury. <i>Respiratory Research</i> , 2018, 19, 144.	1.4	35
5756	Adapentpronitrile, a New Dipeptidyl Peptidase-IV Inhibitor, Ameliorates Diabetic Neuronal Injury Through Inhibiting Mitochondria-Related Oxidative Stress and Apoptosis. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 214.	1.8	13
5757	Flavonoids as a Natural Treatment Against <i>Entamoeba histolytica</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 209.	1.8	41
5758	The Dynamics of Interleukin-10-Afforded Protection during Dextran Sulfate Sodium-Induced Colitis. <i>Frontiers in Immunology</i> , 2018, 9, 400.	2.2	25
5759	Metabolic Adaptations of CD4+ T Cells in Inflammatory Disease. <i>Frontiers in Immunology</i> , 2018, 9, 540.	2.2	44
5760	The Pivotal Role of DNA Repair in Infection Mediated-Inflammation and Cancer. <i>Frontiers in Microbiology</i> , 2018, 9, 663.	1.5	36
5761	Effect of Chronic Oxidative Stress on Neuroinflammatory Response Mediated by CD4+T Cells in Neurodegenerative Diseases. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 114.	1.8	275

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5762	Metabolic Syndrome and Neuroprotection. <i>Frontiers in Neuroscience</i> , 2018, 12, 196.	1.4	32
5763	Comparing Palm Oil, Tocotrienol-Rich Fraction and α -Tocopherol Supplementation on the Antioxidant Levels of Older Adults. <i>Antioxidants</i> , 2018, 7, 74.	2.2	24
5764	C-Phycocyanin and Phycocyanobilin as Remyelination Therapies for Enhancing Recovery in Multiple Sclerosis and Ischemic Stroke: A Preclinical Perspective. <i>Behavioral Sciences (Basel, Switzerland)</i> , 2018, 8, 15.	1.0	31
5765	Macroalgae-Derived Ingredients for Cosmetic Industry—An Update. <i>Cosmetics</i> , 2018, 5, 2.	1.5	74
5766	Effects of Klotho polymorphisms on Preeclampsia risk in a case-control study. <i>Pregnancy Hypertension</i> , 2018, 13, 95-99.	0.6	3
5767	Direct evidence of the \cdot OH scavenging activity of selenium nanoparticles. <i>Analytical Methods</i> , 2018, 10, 3534-3539.	1.3	4
5768	Cytotoxicity and Genotoxicity of Cypermethrin in Hepatocarcinoma Cells: A Dose- and Time-Dependent Study. <i>Dose-Response</i> , 2018, 16, 155932581876088.	0.7	10
5769	Gallstone Patients with Enhanced Oxidative Stress Biomarker Superoxide Dismutase (SOD1) Plasma Levels Have Significantly Lower Number of Postoperative Analgesic Oxycodone Doses: A Prospective Study with Special Reference to Cancer Patients. <i>Anticancer Research</i> , 2018, 38, 3573-3578.	0.5	9
5770	Volcanic ash from Puyehue-Cordón Caulle Volcanic Complex and Calbuco promote a differential response of pro-inflammatory and oxidative stress mediators on human conjunctival epithelial cells. <i>Environmental Research</i> , 2018, 167, 87-97.	3.7	14
5771	Antioxidant Status in Human Immunodeficiency Virus Infection in Different Clinical Conditions. , 2018, , 3-15.		0
5772	Effects of Juniperus phoenicea Hydroalcoholic Extract on Inflammatory Mediators and Oxidative Stress Markers in Carrageenan-Induced Paw Oedema in Mice. <i>BioMed Research International</i> , 2018, 2018, 1-11.	0.9	17
5773	The Impact of Aging on Cardio and Cerebrovascular Diseases. <i>International Journal of Molecular Sciences</i> , 2018, 19, 481.	1.8	74
5774	Multifaced Roles of the α 23 Integrin in Ehlers-Danlos and Arterial Tortuosity Syndromes—Dermal Fibroblasts. <i>International Journal of Molecular Sciences</i> , 2018, 19, 982.	1.8	24
5775	The Organization of Mitochondrial Supercomplexes is Modulated by Oxidative Stress In Vivo in Mouse Models of Mitochondrial Encephalopathy. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1582.	1.8	16
5776	Regulation of Cellular Metabolism by High-Risk Human Papillomaviruses. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1839.	1.8	49
5777	The Protective Role of Sulfated Polysaccharides from Green Seaweed <i>Udotea flabellum</i> in Cells Exposed to Oxidative Damage. <i>Marine Drugs</i> , 2018, 16, 135.	2.2	38
5778	Antioxidant Potential of Extracts Obtained from Macro- (<i>Ascophyllum nodosum</i> , <i>Fucus vesiculosus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Ultrasound. <i>Medicines (Basel, Switzerland)</i> , 2018, 5, 33.	0.7	60
5779	Inhibitory Activity of Allergic Contact Dermatitis and Atopic Dermatitis-Like Skin in BALB/c Mouse through Oral Administration of Fermented Barks of <i>Alnus sibirica</i> . <i>Molecules</i> , 2018, 23, 450.	1.7	16

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5780	Neuroprotective Effects and Mechanisms of Tea Bioactive Components in Neurodegenerative Diseases. <i>Molecules</i> , 2018, 23, 512.	1.7	80
5781	Melatonin: A Versatile Protector against Oxidative DNA Damage. <i>Molecules</i> , 2018, 23, 530.	1.7	192
5782	Synthesis of Benzofuran-2-One Derivatives and Evaluation of Their Antioxidant Capacity by Comparing DPPH Assay and Cyclic Voltammetry. <i>Molecules</i> , 2018, 23, 710.	1.7	13
5783	E-p-Methoxycinnamoyl- β -D-glucopyranosyl Ester, a Phenylpropanoid Isolated from <i>Scrophularia buergeriana</i> , Increases Nuclear Factor Erythroid-Derived 2-Related Factor 2 Stability by Inhibiting Ubiquitination in Human Keratinocytes. <i>Molecules</i> , 2018, 23, 768.	1.7	7
5784	The Role of Catechins in Cellular Responses to Oxidative Stress. <i>Molecules</i> , 2018, 23, 965.	1.7	358
5785	Metabolomic Analysis of Biochemical Changes in the Serum and Urine of Freund's Adjuvant-Induced Arthritis in Rats after Treatment with Silkworm Excrement. <i>Molecules</i> , 2018, 23, 1490.	1.7	22
5786	Effects of Chlorogenic Acid-Enriched and Hydroxyhydroquinone-Reduced Coffee on Postprandial Fat Oxidation and Antioxidative Capacity in Healthy Men: A Randomized, Double-Blind, Placebo-Controlled, Crossover Trial. <i>Nutrients</i> , 2018, 10, 525.	1.7	17
5787	Whey Protein Concentrate WPC-80 Improves Antioxidant Defense Systems in the Salivary Glands of 14-Month Wistar Rats. <i>Nutrients</i> , 2018, 10, 782.	1.7	22
5788	The acute effects of walking exercise intensity on systemic cytokines and oxidative stress. <i>European Journal of Applied Physiology</i> , 2018, 118, 2111-2120.	1.2	18
5789	Associations of serum levels of vitamins A, C, and E with the risk of cognitive impairment among elderly Koreans. <i>Nutrition Research and Practice</i> , 2018, 12, 160.	0.7	11
5790	Importance of Fruit and Vegetable-Derived Flavonoids in the Mediterranean Diet. , 2018, , 417-427.		2
5791	Antigenotoxic potential of plant leaf extracts of <i>Parkinsonia aculeata</i> L. using <i>Allium cepa</i> assay. <i>Plant Physiology and Biochemistry</i> , 2018, 130, 314-323.	2.8	11
5792	Exposure to Ti4Al4V Titanium Alloy Leads to Redox Abnormalities, Oxidative Stress, and Oxidative Damage in Patients Treated for Mandible Fractures. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-10.	1.9	34
5793	Anticancer, Antiviral, Antibacterial, and Antifungal Properties in Microalgae. , 2018, , 235-261.		26
5794	PM2.5 impairs neurobehavior by oxidative stress and myelin sheaths injury of brain in the rat. <i>Environmental Pollution</i> , 2018, 242, 994-1001.	3.7	63
5795	Wound healing and anti-inflammatory activities induced by a <i>Plantago australis</i> hydroethanolic extract standardized in verbascoside. <i>Journal of Ethnopharmacology</i> , 2018, 225, 178-188.	2.0	47
5796	Oxidative Stress: A Major Player in Cerebrovascular Alterations Associated to Neurodegenerative Events. <i>Frontiers in Physiology</i> , 2018, 9, 806.	1.3	126
5797	Mechanisms of Cardiovascular Protection Associated with Intermittent Hypobaric Hypoxia Exposure in a Rat Model: Role of Oxidative Stress. <i>International Journal of Molecular Sciences</i> , 2018, 19, 366.	1.8	24

#	ARTICLE	IF	CITATIONS
5798	Damage of cystatin due to ROS-generation and radical-scavenging activity of antioxidants and associated compounds. <i>International Journal of Biological Macromolecules</i> , 2018, 119, 369-379.	3.6	10
5799	Cellular Stress Responses and Gut Microbiota in Inflammatory Bowel Disease. <i>Gastroenterology Research and Practice</i> , 2018, 2018, 1-13.	0.7	20
5800	Designing Superoxide-Generating Quantum Dots for Selective Light-Activated Nanotherapy. <i>Frontiers in Chemistry</i> , 2018, 6, 46.	1.8	25
5801	Evaluation of phytochemical composition and antioxidative, hypoglycaemic and hypolipidaemic properties of methanolic extract of <i>Hemidesmus indicus</i> roots in streptozotocin-induced diabetic mice. <i>Clinical Phytoscience</i> , 2018, 4, .	0.8	4
5802	Pinelliae Rhizoma Praeparatum Involved in the Regulation of Bile Acids Metabolism in Hepatic Injury. <i>Biological and Pharmaceutical Bulletin</i> , 2018, 41, 869-876.	0.6	8
5803	3,4-Dihydroxybenzaldehyde lowers ROS generation and protects human red blood cells from arsenic(III) induced oxidative damage. <i>Environmental Toxicology</i> , 2018, 33, 861-875.	2.1	16
5804	Testosterone alleviates mitochondrial ROS accumulation and mitochondria-mediated apoptosis in the gastric mucosa of orchietomized rats. <i>Archives of Biochemistry and Biophysics</i> , 2018, 649, 53-59.	1.4	20
5805	Scavenging Nanoreactors that Modulate Inflammation. <i>Advanced Biology</i> , 2018, 2, 1800086.	3.0	11
5806	Significance of clinical observations and biochemical alterations in buffalo calves with dietary abomasal impaction. <i>BMC Veterinary Research</i> , 2018, 14, 2.	0.7	5
5807	Protective effects of <i>Mentha piperita</i> L. leaf essential oil against CCl ₄ induced hepatic oxidative damage and renal failure in rats. <i>Lipids in Health and Disease</i> , 2018, 17, 9.	1.2	42
5808	Generalized Anxiety Disorder (GAD) and Comorbid Major Depression with GAD Are Characterized by Enhanced Nitro-oxidative Stress, Increased Lipid Peroxidation, and Lowered Lipid-Associated Antioxidant Defenses. <i>Neurotoxicity Research</i> , 2018, 34, 489-510.	1.3	48
5809	Synthesis of metal-organic frameworks derived nanocomposites for superoxide anion radical sensing and cell monitoring upon oxidative stress. <i>Journal of Electroanalytical Chemistry</i> , 2018, 820, 51-59.	1.9	14
5810	The protective effect of some Thai plants and their bioactive compounds in UV light-induced skin carcinogenesis. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 185, 80-89.	1.7	9
5811	Assessment of Hematotoxicity and Genotoxicity among paint Workers in Assiut Governorate: a case control study. <i>Egyptian Journal of Forensic Sciences</i> , 2018, 8, .	0.4	5
5812	Applicability of Fluorescent Hybrid Magnetoliposomes for the Determination of Reactive Oxygen Compounds in Food. <i>Food Analytical Methods</i> , 2018, 11, 2376-2383.	1.3	8
5813	An Acquired Vulnerability of Drug-Resistant Melanoma with Therapeutic Potential. <i>Cell</i> , 2018, 173, 1413-1425.e14.	13.5	243
5814	Influence of intrinsic and extrinsic factors on the antiradical activity of Gallic acid: a theoretical study. <i>Structural Chemistry</i> , 2018, 29, 359-373.	1.0	12
5815	Effect of <i>Rhizoma Paridis</i> saponin on the pain behavior in a mouse model of cancer pain. <i>RSC Advances</i> , 2018, 8, 17060-17072.	1.7	6

#	ARTICLE	IF	CITATIONS
5816	The pre-protective effect of vitamin A on LPS-induced oxidative stress of bovine mammary epithelial cells. <i>Italian Journal of Animal Science</i> , 2018, 17, 959-966.	0.8	3
5817	Ameliorative effects of <i>Antrodia cinnamomea</i> polysaccharides against cyclophosphamide-induced immunosuppression related to Nrf2/HO-1 signaling in BALB/c mice. <i>International Journal of Biological Macromolecules</i> , 2018, 116, 8-15.	3.6	41
5818	The protective role of melatonin in chemotherapy-induced nephrotoxicity: a systematic review of non-clinical studies. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2018, 14, 937-950.	1.5	58
5819	Superoxide Radical Dismutation as New Therapeutic Strategy in Parkinson's Disease. , 2018, 9, 716.		42
5820	Beneficial effects of naringenin in liver diseases: Molecular mechanisms. <i>World Journal of Gastroenterology</i> , 2018, 24, 1679-1707.	1.4	233
5821	Suppression of DNA/RNA and protein oxidation by dietary supplement which contains plant extracts and vitamins: a randomized, double-blind, placebo-controlled trial. <i>Lipids in Health and Disease</i> , 2018, 17, 187.	1.2	12
5822	GSH levels affect weight loss in individuals with metabolic syndrome and obesity following dietary therapy. <i>Experimental and Therapeutic Medicine</i> , 2018, 16, 635-642.	0.8	12
5823	Astaxanthin: A mechanistic review on its biological activities and health benefits. <i>Pharmacological Research</i> , 2018, 136, 1-20.	3.1	286
5824	Assessment of the developmental neurotoxicity of silver nanoparticles and silver ions with mouse embryonic stem cells in vitro. <i>Journal of Interdisciplinary Nanomedicine</i> , 2018, 3, 133-145.	3.6	16
5825	Oxidative Stress and Cancer: The Role of Nrf2. <i>Current Cancer Drug Targets</i> , 2018, 18, 538-557.	0.8	250
5826	Preparation, characterization, antioxidant activity and protective effect against cellular oxidative stress of polysaccharide from <i>Cynanchum auriculatum</i> Royle ex Wight. <i>International Journal of Biological Macromolecules</i> , 2018, 119, 1068-1076.	3.6	38
5827	Protection of manganese oxide nanoparticles-induced liver and kidney damage by vitamin D. <i>Regulatory Toxicology and Pharmacology</i> , 2018, 98, 240-244.	1.3	21
5828	Effect of pterostilbene complexed with cyclodextrin on rat liver: potential reduction of oxidative damage and modulation redox-sensitive proteins. <i>Medicinal Chemistry Research</i> , 2018, 27, 2265-2278.	1.1	8
5829	Low doses of multi-walled carbon nanotubes elicit hepatotoxicity in rats with markers of oxidative stress and induction of pro-inflammatory cytokines. <i>Biochemical and Biophysical Research Communications</i> , 2018, 503, 3167-3173.	1.0	27
5830	A mitochondria-targeting ratiometric fluorescent probe for imaging hydrogen peroxide with long-wavelength emission and large Stokes shift. <i>Sensors and Actuators B: Chemical</i> , 2018, 276, 247-253.	4.0	55
5831	Kidney dysfunction in the low-birth weight murine adult: implications of oxidative stress. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 315, F583-F594.	1.3	10
5832	Antioxidant and anticancer activities of <i>Trigonella foenum-graecum</i> , <i>Cassia acutifolia</i> and <i>Rhazya stricta</i> . <i>BMC Complementary and Alternative Medicine</i> , 2018, 18, 240.	3.7	77
5833	Antioxidant Properties of Buffalo-Milk Dairy Products: A β -Lg Peptide Released after Gastrointestinal Digestion of Buffalo Ricotta Cheese Reduces Oxidative Stress in Intestinal Epithelial Cells. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1955.	1.8	42

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5834	Safety evaluation, anti-oxidative and anti-inflammatory effects of subchronically dietary supplemented high dosing grape seed powder (GSP) to healthy rat. <i>Biomedicine and Pharmacotherapy</i> , 2018, 107, 534-546.	2.5	23
5835	Antioxidants from Natural Sources. , 0, , .		42
5836	Preparation, structural characterization and bioactivities of Se-containing polysaccharide: A review. <i>International Journal of Biological Macromolecules</i> , 2018, 120, 82-92.	3.6	69
5837	Lemon-Peel extract ameliorates rheumatoid arthritis by reducing xanthine oxidase and inflammatory cytokine levels. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2018, 93, 54-62.	2.7	7
5838	The Purview of Phytotherapy in the Management of Gastric Ulcer. , 2018, , .		0
5839	Polyphenols, food and pharma. Current knowledge and directions for future research. <i>Biochemical Pharmacology</i> , 2018, 156, 186-195.	2.0	183
5840	Comparative evaluation of four triterpenoid glycoside saponins of bacoside A in alleviating sub-cellular oxidative stress of N2a neuroblastoma cells. <i>Journal of Pharmacy and Pharmacology</i> , 2018, 70, 1531-1540.	1.2	13
5841	Effects of melatonin on low-dose lipopolysaccharide-induced oxidative stress in mouse liver, muscle, and kidney. <i>Canadian Journal of Physiology and Pharmacology</i> , 2018, 96, 1153-1160.	0.7	17
5842	Redox Challenge in a Cultured Temperate Marine Species During Low Temperature and Temperature Recovery. <i>Frontiers in Physiology</i> , 2018, 9, 923.	1.3	24
5843	Comparison of ischaemiaâ€reperfusionâ€induced acute kidney injury by clamping renal arteries, veins or pedicles in anaesthetized rats. <i>Experimental Physiology</i> , 2018, 103, 1390-1402.	0.9	22
5844	Diet and Brain Health: Which Role for Polyphenols?. <i>Current Pharmaceutical Design</i> , 2018, 24, 227-238.	0.9	48
5845	Sulforaphane Rescues Ethanol-Suppressed Angiogenesis through Oxidative and Endoplasmic Reticulum Stress in Chick Embryos. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 9522-9533.	2.4	23
5846	Melatonin Mitigates Mitochondrial Meltdown: Interactions with SIRT3. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2439.	1.8	80
5847	A novel and compact review on the role of oxidative stress in female reproduction. <i>Reproductive Biology and Endocrinology</i> , 2018, 16, 80.	1.4	269
5848	Metabolic signature of squamous cell carcinoma of the head and neck: Consequences of TP53 mutation and therapeutic perspectives. <i>Oral Oncology</i> , 2018, 83, 1-10.	0.8	15
5849	Attenuation of <i>tert</i> -Butyl Hydroperoxide (<i>t</i> -BHP)-Induced Oxidative Damage in HepG2 Cells by Tangeretin: Relevance of the Nrf2â€ARE and MAPK Signaling Pathways. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 6317-6325.	2.4	68
5850	Reactive oxygen speciesâ€mediated phosphorylation of p38 signaling is critically involved in apoptotic effect of Tanshinone I in colon cancer cells. <i>Phytotherapy Research</i> , 2018, 32, 1975-1982.	2.8	15
5851	Antioxidant mechanism of polyphenol-rich <i>Nymphaea nouchali</i> leaf extract protecting DNA damage and attenuating oxidative stress-induced cell death via Nrf2-mediated heme-oxygenase-1 induction coupled with ERK/p38 signaling pathway. <i>Biomedicine and Pharmacotherapy</i> , 2018, 103, 1397-1407.	2.5	23

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5852	Cytotoxicity induced by fine particulate matter (PM2.5) via mitochondria-mediated apoptosis pathway in human cardiomyocytes. <i>Ecotoxicology and Environmental Safety</i> , 2018, 161, 198-207.	2.9	74
5853	Protective mechanisms involving enhanced mitochondrial functions and mitophagy against T-2 toxin-induced toxicities in GH3 cells. <i>Toxicology Letters</i> , 2018, 295, 41-53.	0.4	44
5854	Cinnamic acid derivatives in cosmetics: current use and future prospects. <i>International Journal of Cosmetic Science</i> , 2018, 40, 356-366.	1.2	91
5855	The Roles of MicroRNAs in Stroke: Possible Therapeutic Targets. <i>Cell Transplantation</i> , 2018, 27, 1778-1788.	1.2	58
5856	Stable Isotope Composition of Metal Elements in Biological Samples as Tracers for Element Metabolism. <i>Analytical Sciences</i> , 2018, 34, 645-655.	0.8	26
5857	Genus <i>Retama</i> : a review on traditional uses, phytochemistry, and pharmacological activities. <i>Phytochemistry Reviews</i> , 2018, 17, 701-731.	3.1	22
5858	l-Arginine and allopurinol supplementation attenuates inflammatory mediators in human osteoblasts in osteoarthritis cells. <i>International Journal of Biological Macromolecules</i> , 2018, 118, 716-721.	3.6	7
5859	Characterization and classification of medicinal plants according to their antioxidant profile estimated by thin layer chromatography assisted by chemometric expertise. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2018, 41, 342-348.	0.5	7
5860	SIRT3 activator Honokiol attenuates β -Amyloid by modulating amyloidogenic pathway. <i>PLoS ONE</i> , 2018, 13, e0190350.	1.1	65
5861	In vitro and in vivo antioxidant activities of inulin. <i>PLoS ONE</i> , 2018, 13, e0192273.	1.1	73
5862	Glucocorticoid Upregulates Thioredoxin-interacting Protein in Cultured Neuronal Cells. <i>Neuroscience</i> , 2018, 384, 375-383.	1.1	12
5863	Amniotic fluid oxidant-antioxidant status in foetal congenital nervous system anomalies. <i>Journal of International Medical Research</i> , 2018, 46, 1146-1152.	0.4	6
5864	Melatonin and its metabolites vs oxidative stress: From individual actions to collective protection. <i>Journal of Pineal Research</i> , 2018, 65, e12514.	3.4	225
5865	Estimation of sonodynamic treatment region with sonochemiluminescence in gel phantom. <i>Japanese Journal of Applied Physics</i> , 2018, 57, 07LF13.	0.8	10
5866	Tuning radical reactivity for selective radical/radical cross-coupling. <i>Science Bulletin</i> , 2018, 63, 1006-1009.	4.3	64
5867	Developmental Programming of Ovarian Functions and Dysfunctions. <i>Vitamins and Hormones</i> , 2018, 107, 377-422.	0.7	20
5868	DNA scission and LDL cholesterol oxidation inhibition and antioxidant activities of Bael (<i>Aegle Marmelos</i>) fruit. <i>Journal of Food Biochemistry</i> , 2018, 42, 1-10.	1.5	20
5869	Nanodispersions of beta-carotene: effects on antioxidant enzymes and cytotoxic properties. <i>Food and Function</i> , 2018, 9, 3698-3706.	2.1	25

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5870	Chlorogenic acid improves intestinal barrier functions by suppressing mucosa inflammation and improving antioxidant capacity in weaned pigs. <i>Journal of Nutritional Biochemistry</i> , 2018, 59, 84-92.	1.9	116
5871	Awareness and current knowledge of Parkinson's disease: a neurodegenerative disorder. <i>International Journal of Neuroscience</i> , 2019, 129, 55-93.	0.8	57
5872	Heat-induced protein oxidation of soybean meal impairs growth performance and antioxidant status of broilers. <i>Poultry Science</i> , 2019, 98, 276-286.	1.5	16
5873	Secondary metabolite profiling, cytotoxicity, anti-inflammatory potential and in vitro inhibitory activities of <i>Nardostachys jatamansi</i> on key enzymes linked to hyperglycemia, hypertension and cognitive disorders. <i>Phytotherapy Research</i> , 2019, 33, 58-69.	2.3	30
5874	On-line screening and identification of free radical scavenging compounds in <i>Angelica dahurica</i> fermented with <i>Eurotium cristatum</i> using an HPLC-PDA-Triple-TOF-MS/MS-ABTS system. <i>Food Chemistry</i> , 2019, 272, 670-678.	4.2	27
5875	Flavonoid-Rich Fraction of <i>Ocimum gratissimum</i> Attenuates Lipopolysaccharide-Induced Sickness Behavior, Inflammatory and Oxidative Stress in Mice. <i>Drug Research</i> , 2019, 69, 151-158.	0.7	10
5876	Antioxidant and antimicrobial efficacy of a biflavonoid, amentoflavone from <i>Nandina domestica</i> in vitro and in minced chicken meat and apple juice food models. <i>Food Chemistry</i> , 2019, 271, 239-247.	4.2	43
5877	Spectroscopic studies on free radical coalescing antioxidants and brain protein cystatin. <i>Journal of Biomolecular Structure and Dynamics</i> , 2019, 37, 2949-2959.	2.0	6
5878	Gladin effect on the oxidative balance and DNA damage: An in-vitro, ex-vivo study. <i>Digestive and Liver Disease</i> , 2019, 51, 47-54.	0.4	17
5879	Antihypertensive and Antioxidant Properties from Whey Protein Hydrolysates Produced by Encapsulated <i>Bacillus subtilis</i> Cells. <i>International Journal of Peptide Research and Therapeutics</i> , 2019, 25, 681-689.	0.9	11
5880	Increased serum interleukin-37 (IL-37) levels correlate with oxidative stress parameters in Hashimoto's thyroiditis. <i>Journal of Endocrinological Investigation</i> , 2019, 42, 199-205.	1.8	27
5881	Computational strategies for predicting free radical scavengers' protection against oxidative stress: Where are we and what might follow?. <i>International Journal of Quantum Chemistry</i> , 2019, 119, e25665.	1.0	178
5882	Iodonium salt incorporation in dental adhesives and its relation with degree of conversion, ultimate tensile strength, cell viability, and oxidative stress. <i>Clinical Oral Investigations</i> , 2019, 23, 1143-1151.	1.4	5
5883	L-Carnitine improves endocrine function and folliculogenesis by reducing inflammation, oxidative stress and apoptosis in mice following induction of polycystic ovary syndrome. <i>Reproduction, Fertility and Development</i> , 2019, 31, 282.	0.1	23
5884	Phytohormone Abscisic Acid Protects Human Neuroblastoma SH-SY5Y Cells Against 6-Hydroxydopamine-Induced Neurotoxicity Through Its Antioxidant and Antiapoptotic Properties. <i>Rejuvenation Research</i> , 2019, 22, 99-108.	0.9	12
5885	Assessment of antibacterial activity of 2.5% NaOCl, chitosan nano-particles against <i>Enterococcus faecalis</i> contaminating root canals with and without diode laser irradiation: an in vitro study. <i>Acta Odontologica Scandinavica</i> , 2019, 77, 39-43.	0.9	18
5886	In vitro anticholinesterase, antimonooxidase and antioxidant properties of alkaloid extracts from kola nuts (<i>Cola acuminata</i> and <i>Cola nitida</i>). <i>Journal of Complementary and Integrative Medicine</i> , 2019, 16, .	0.4	19
5887	Inhibition of GSK-3 β on Behavioral Changes and Oxidative Stress in an Animal Model of Mania. <i>Molecular Neurobiology</i> , 2019, 56, 2379-2393.	1.9	16

#	ARTICLE	IF	CITATIONS
5888	Application of Plasma to Humans (Blood Coagulation and Regenerative Medicine)., 2019, , 319-384.		1
5889	Oxidative stress, eryptosis and anemia: a pivotal mechanistic nexus in systemic diseases. <i>FEBS Journal</i> , 2019, 286, 826-854.	2.2	125
5890	Anti-proliferative, pro-apoptotic and anti-oxidative activity of <i>Lactobacillus</i> and <i>Bifidobacterium</i> strains: A review of mechanisms and therapeutic perspectives. <i>Critical Reviews in Food Science and Nutrition</i> , 2019, 59, 3456-3467.	5.4	116
5891	Î±-Tocopherol Protects the Heart, Muscles, and Testes from Lipid Peroxidation in Growing Male Rats Subjected to Physical Efforts. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-13.	1.9	13
5892	A dual-channel and fast-response fluorescent probe for selective detection of HClO and its applications in live cells. <i>Sensors and Actuators B: Chemical</i> , 2019, 299, 126937.	4.0	30
5893	Protective effect of peptide DR8 on bleomycin-induced pulmonary fibrosis by regulating the TGF-Î²/ MAPK signaling pathway and oxidative stress. <i>Toxicology and Applied Pharmacology</i> , 2019, 382, 114703.	1.3	29
5894	E6 Oncoproteins from High-Risk Human Papillomavirus Induce Mitochondrial Metabolism in a Head and Neck Squamous Cell Carcinoma Model. <i>Biomolecules</i> , 2019, 9, 351.	1.8	21
5895	Dichloromethane and ethanol co-exposure aggravates oxidative stress indices causing hepatic and renal dysfunction in pubertal rats.. <i>Toxicology Research and Application</i> , 2019, 3, 239784731985528.	0.7	6
5896	Validation of oxidative stress assay for schizophrenia. <i>Schizophrenia Research</i> , 2019, 212, 126-133.	1.1	15
5897	Alterations in lipid metabolism of spinal cord linked to amyotrophic lateral sclerosis. <i>Scientific Reports</i> , 2019, 9, 11642.	1.6	98
5898	Chondroitin Sulfate-Degrading Enzymes as Tools for the Development of New Pharmaceuticals. <i>Catalysts</i> , 2019, 9, 322.	1.6	17
5899	Acute remote ischemic preconditioning alleviates free radical injury and inflammatory response in cerebral ischemia/reperfusion rats. <i>Experimental and Therapeutic Medicine</i> , 2019, 18, 1953-1960.	0.8	8
5900	Iron and oxidizing species in oxidative stress and Alzheimer's disease. <i>Aging Medicine (Milton (N S W))</i> , 2019, 2, 82-87.	0.9	78
5901	Screening of Duck Tembusu Virus NS3 Interacting Host Proteins and Identification of Its Specific Interplay Domains. <i>Viruses</i> , 2019, 11, 740.	1.5	6
5902	CNTF and Nrf2 Are Coordinately Involved in Regulating Self-Renewal and Differentiation of Neural Stem Cell during Embryonic Development. <i>IScience</i> , 2019, 19, 303-315.	1.9	14
5903	The role of polysaccharide peptide of <i>Ganoderma lucidum</i> as a potent protective vascular endothelial cell, anti inflammation, and antioxidant in STEMI and NSTEMI patients. <i>AIP Conference Proceedings</i> , 2019, , .	0.3	3
5904	Comparing the effects of <i>Portulaca oleracea</i> seed hydro-alcoholic extract, valsartan, and vitamin E on hemodynamic changes, oxidative stress parameters and cardiac hypertrophy in thyrotoxic rats. <i>Drug and Chemical Toxicology</i> , 2022, 45, 14-21.	1.2	6
5905	Hepatorenal protective effects of protocatechuic acid in rats administered with anticancer drug methotrexate. <i>Human and Experimental Toxicology</i> , 2019, 38, 1254-1265.	1.1	33

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5906	Structure-antioxidant activity relationship of active oxygen catalytic lignin and lignin-carbohydrate complex. <i>International Journal of Biological Macromolecules</i> , 2019, 139, 21-29.	3.6	51
5907	Stannous chloride catalyzed synthesis of Schiff bases from hydroxybenzaldehydes and determination of their antioxidant activity by ABTS and DPPH assay. <i>Journal of Chemical Sciences</i> , 2019, 131, 1.	0.7	2
5908	Cysteine/cystine-rich undenatured whey protein supplement in patients' pressure ulcers outcomes: an open label study. <i>Journal of Wound Care</i> , 2019, 28, S16-S23.	0.5	7
5909	Ghrelin ameliorates A549 cell apoptosis caused by paraquat via p38-MAPK regulated mitochondrial apoptotic pathway. <i>Toxicology</i> , 2019, 426, 152267.	2.0	29
5910	Angiogenin activates the astrocytic Nrf2/antioxidant-response element pathway and thereby protects murine neurons from oxidative stress. <i>Journal of Biological Chemistry</i> , 2019, 294, 15095-15103.	1.6	23
5911	Hepatoprotective efficacy of Shanxi aged vinegar extract against oxidative damage in vitro and in vivo. <i>Journal of Functional Foods</i> , 2019, 60, 103448.	1.6	19
5912	Tannic Acid Induces the Mitochondrial Pathway of Apoptosis and S Phase Arrest in Porcine Intestinal IPEC-J2 Cells. <i>Toxins</i> , 2019, 11, 397.	1.5	15
5913	Proresolving Lipid Mediators: Endogenous Modulators of Oxidative Stress. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-12.	1.9	46
5914	Electrochemical Study of Antioxidant Capacity of <i>Gracilaria Pygmaea</i> Macro-Algae Based on the Green Synthesis of Gold Nanoparticles: Assessment of Its Cytotoxic Effect on Four Cancer Cell Lines. <i>Journal of the Electrochemical Society</i> , 2019, 166, B969-B977.	1.3	13
5915	Exploring <i>Caralluma europaea</i> (Guss.) N.E.Br. as a potential source of bioactive molecules: In vitro antioxidant and antidiabetic properties, and phenolic profile of crude extracts and fractions. <i>Industrial Crops and Products</i> , 2019, 139, 111527.	2.5	10
5916	Water-soluble polysaccharides from <i>Grifola Frondosa</i> fruiting bodies protect against immunosuppression in cyclophosphamide-induced mice via JAK2/STAT3/SOCS signal transduction pathways. <i>Food and Function</i> , 2019, 10, 4998-5007.	2.1	28
5917	Quantum Ensembles of Silicon Nanoparticles: Discrimination of Static and Dynamic Photoluminescence Quenching Processes. <i>Journal of Physical Chemistry C</i> , 2019, 123, 17976-17986.	1.5	9
5918	The pluripotency transcription factor Nanog represses glutathione reductase gene expression in mouse embryonic stem cells. <i>BMC Research Notes</i> , 2019, 12, 370.	0.6	5
5919	In vitro effect of globotriaosylceramide on electron transport chain complexes and redox parameters. <i>Anais Da Academia Brasileira De Ciencias</i> , 2019, 91, e20181373.	0.3	3
5920	Increased expression of methionine sulfoxide reductases γ is associated with poor prognosis in gastric cancer. <i>Oncology Letters</i> , 2019, 18, 465-471.	0.8	12
5921	Immunomodulatory effect of mancozeb, chlorothalonil, and thiophanate methyl pesticides on macrophage cells. <i>Ecotoxicology and Environmental Safety</i> , 2019, 182, 109420.	2.9	24
5922	Lactic Acid Fermentation of Pomegranate Juice as a Tool to Improve Antioxidant Activity. <i>Frontiers in Microbiology</i> , 2019, 10, 1550.	1.5	37
5923	Antioxidant Sensing by Spiropyran: Substituent Effects and NMR Spectroscopic Studies. <i>Journal of Physical Chemistry B</i> , 2019, 123, 6799-6809.	1.2	10

#	ARTICLE	IF	CITATIONS
5924	Patients with Incompetent Valves in Chronic Venous Insufficiency Show Increased Systematic Lipid Peroxidation and Cellular Oxidative Stress Markers. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-9.	1.9	21
5925	Voluntary physical activity counteracts Chronic Heart Failure progression affecting both cardiac function and skeletal muscle in the transgenic Tg1±q*44 mouse model. <i>Physiological Reports</i> , 2019, 7, e14161.	0.7	8
5926	Heat Shock Proteins, Exercise and Inflammation. <i>Heat Shock Proteins</i> , 2019, , 101-119.	0.2	0
5927	Aging in the Syrian hamster testis: Inflammatory-oxidative status and the impact of photoperiod. <i>Experimental Gerontology</i> , 2019, 124, 110649.	1.2	21
5928	Prognostic Value of Serum Total Bilirubin after Percutaneous Coronary Intervention in Patients with Acute Coronary Syndrome. <i>BioMed Research International</i> , 2019, 2019, 1-6.	0.9	10
5929	Role of redox imbalance and cytokines in mediating oxidative damage and disease progression of patients with rheumatoid arthritis. <i>Free Radical Research</i> , 2019, 53, 768-779.	1.5	31
5930	New role for an old molecule: The 2,3-diphosphoglycerate case. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2019, 1863, 1602-1607.	1.1	4
5931	¿Está el estrés oxidativo asociado a la gravedad de la enfermedad, a la función pulmonar y al síndrome metabólico en la enfermedad pulmonar obstructiva crónica?. <i>Revista Clinica Espanola</i> , 2019, 219, 477-484.	0.2	6
5932	Urinary nucleic acid oxidation product levels show differential associations with pharmacological treatment in patients with type 2 diabetes. <i>Free Radical Research</i> , 2019, 53, 694-703.	1.5	5
5933	Reactive Oxygen Species Scavenging Potential Contributes to Hypertrophic Scar Formation. <i>Journal of Surgical Research</i> , 2019, 244, 312-323.	0.8	19
5934	Antityrosinase and antioxidant activities of guanidine compounds and effect of guanylthiourea on melanogenesis. <i>Process Biochemistry</i> , 2019, 85, 84-96.	1.8	10
5935	Smartphone-based colorimetric assay of antioxidants in red wine using oxidase-mimic MnO ₂ nanosheets. <i>Analyst</i> , The, 2019, 144, 5479-5485.	1.7	21
5936	Assessing the Efficacy and Mechanisms of Pycnogenol® on Cognitive Aging From In Vitro Animal and Human Studies. <i>Frontiers in Pharmacology</i> , 2019, 10, 694.	1.6	17
5937	Shedding light on fibered confocal fluorescence microscopy: Applications in biomedical imaging and therapies. <i>Journal of Biophotonics</i> , 2019, 12, e201900146.	1.1	5
5938	An interplay of structure and intrinsic disorder in the functionality of peptidylarginine deiminases, a family of key autoimmunity-related enzymes. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 4635-4662.	2.4	27
5939	Global impact of diet and temperature over aquaculture of <i>Octopus vulgaris</i> paralarvae from a transcriptomic approach. <i>Scientific Reports</i> , 2019, 9, 10312.	1.6	25
5940	Neuroprotective effects of some seaweeds against Zn ²⁺ induced neuronal damage in HT-22 cells via modulation of redox imbalance, inhibition of apoptosis and acetylcholinesterase activity. <i>Metabolic Brain Disease</i> , 2019, 34, 1615-1627.	1.4	15
5941	Antioxidants and Atherosclerosis: Mechanistic Aspects. <i>Biomolecules</i> , 2019, 9, 301.	1.8	142

#	ARTICLE	IF	CITATIONS
5942	Hepatic deficiency of Poldip2 in type 2 diabetes modulates lipid and glucose homeostasis. <i>Metabolism: Clinical and Experimental</i> , 2019, 99, 90-101.	1.5	8
5943	Plasma total antioxidant status and cognitive impairments in first-episode drug-naïve patients with schizophrenia. <i>Cognitive Neurodynamics</i> , 2019, 13, 357-365.	2.3	19
5944	Modulation of Metamorphic and Regenerative Events by Cold Atmospheric Pressure Plasma Exposure in Tadpoles, <i>Xenopus laevis</i> . <i>Applied Sciences (Switzerland)</i> , 2019, 9, 2860.	1.3	1
5945	Improving inpatient glycemic control by diabetes education program in internal medicine residents. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , 2019, 13, 2647-2652.	1.8	5
5946	Zinc and the Immune System. , 2019, , 127-158.		15
5947	Unraveling the Potential Role of Glutathione in Multiple Forms of Cell Death in Cancer Therapy. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-16.	1.9	177
5948	Electrochemical monitoring of ROS influence on seedlings and germination response to salinity stress of three species of the tribe Inuleae. <i>RSC Advances</i> , 2019, 9, 17856-17867.	1.7	11
5949	Effects of dietary leucine on antioxidant activity and expression of antioxidant and mitochondrial-related genes in longissimus dorsimuscle and liver of piglets. <i>Animal Science Journal</i> , 2019, 90, 990-998.	0.6	23
5950	Dietary Anthocyanins and Stroke: A Review of Pharmacokinetic and Pharmacodynamic Studies. <i>Nutrients</i> , 2019, 11, 1479.	1.7	49
5951	Disturbance of thiol/disulfide aminothiols homeostasis in patients with acute ischemic stroke stroke: Preliminary findings. <i>Clinical Neurology and Neurosurgery</i> , 2019, 183, 105393.	0.6	12
5952	Synthesis and biochemical studies of novel organic selenides with increased selectivity for hepatocellular carcinoma and breast adenocarcinoma. <i>European Journal of Medicinal Chemistry</i> , 2019, 179, 515-526.	2.6	55
5953	Microvesicles: ROS scavengers and ROS producers. <i>Journal of Extracellular Vesicles</i> , 2019, 8, 1626654.	5.5	165
5954	Oral Glutamine Supplement Reduces Subjective Fatigue Ratings during Repeated Bouts of Firefighting Simulations. <i>Safety</i> , 2019, 5, 38.	0.9	2
5955	Augment of Oxidative Damage with Enhanced Photodynamic Process and MTH1 Inhibition for Tumor Therapy. <i>Nano Letters</i> , 2019, 19, 5568-5576.	4.5	53
5956	Influence of Alcohol Consumption on Body Mass Gain and Liver Antioxidant Defense in Adolescent Growing Male Rats. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 2320.	1.2	20
5957	Probing the antioxidant activity of δ^9 -tetrahydrocannabinol and cannabidiol in <i>Cannabis sativa</i> extracts. <i>Analyst</i> , The, 2019, 144, 4952-4961.	1.7	42
5958	Effects of blood-derived products and sodium hyaluronate on equine synovial fluid cells and on synovial fluid from osteochondrotic joints of horses after arthroscopy and administration of treatment. <i>American Journal of Veterinary Research</i> , 2019, 80, 646-656.	0.3	6
5959	Fluorometric determination of antioxidant capacity in human plasma by using upconversion nanoparticles and an inner filter effect mechanism. <i>Mikrochimica Acta</i> , 2019, 186, 502.	2.5	10

#	ARTICLE	IF	CITATIONS
5960	Oxidative stress and its impact on mitochondrial DNA in pulmonary tuberculosis patients- a pilot study. <i>Indian Journal of Tuberculosis</i> , 2019, 66, 227-233.	0.3	5
5961	Detailed Investigation of the Outstanding Peroxyl Radical Scavenging Activity of Two Novel Amino-Pyridinol-Based Compounds. <i>Journal of Chemical Information and Modeling</i> , 2019, 59, 3494-3505.	2.5	8
5962	Effect of oophorosalingo-hysterectomy on serum antioxidant enzymes in female dogs. <i>Scientific Reports</i> , 2019, 9, 9674.	1.6	10
5963	Piperine: role in prevention and progression of cancer. <i>Molecular Biology Reports</i> , 2019, 46, 5617-5629.	1.0	38
5964	Protective Effect of <i>Cajanus cajan</i> in Hepatotoxic Rats. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 331, 012023.	0.2	1
5965	Translesion DNA Synthesis Across Lesions Induced by Oxidative Products of Pyrimidines: An Insight into the Mechanism by Microscale Thermophoresis. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5012.	1.8	4
5966	Antioxidant Therapies for Neuroprotection—A Review. <i>Journal of Clinical Medicine</i> , 2019, 8, 1659.	1.0	65
5967	Antioxidant Defense, Redox Homeostasis, and Oxidative Damage in Children With Ataxia Telangiectasia and Nijmegen Breakage Syndrome. <i>Frontiers in Immunology</i> , 2019, 10, 2322.	2.2	21
5968	The effects of curcumin supplementation on glycemic status, lipid profile and hs-CRP levels in overweight/obese women with polycystic ovary syndrome: A randomized, double-blind, placebo-controlled clinical trial. <i>Complementary Therapies in Medicine</i> , 2019, 47, 102201.	1.3	63
5969	A novel free radical scavenger, NSP-116, ameliorated the brain injury in both ischemic and hemorrhagic stroke models. <i>Journal of Pharmacological Sciences</i> , 2019, 141, 119-126.	1.1	17
5970	Is oxidative stress associated with disease severity, pulmonary function and metabolic syndrome in chronic obstructive pulmonary disease?. <i>Revista Clínica Espanola</i> , 2019, 219, 477-484.	0.3	2
5971	<i>N</i> -Butyrylated hyaluronic acid ameliorates gout and hyperuricemia in animal models. <i>Pharmaceutical Biology</i> , 2019, 57, 717-728.	1.3	12
5972	Impact of kolaviron(a biflavonoid) on lipid peroxidation, thromboxane and cyclooxygenase activity in dexamethasone treated rats. <i>Scientific African</i> , 2019, 6, e00162.	0.7	1
5973	Adolescence benzo[a]pyrene treatment induces learning and memory impairment and anxiolytic like behavioral response altering neuronal morphology of hippocampus in adult male Wistar rats. <i>Toxicology Reports</i> , 2019, 6, 1104-1113.	1.6	27
5974	Effects of Photoperiod Change on Melatonin Secretion, Immune Function and Antioxidant Status of Cashmere Goats. <i>Animals</i> , 2019, 9, 766.	1.0	10
5975	Salivary Gland Function, Antioxidant Defence and Oxidative Damage in the Saliva of Patients with Breast Cancer: Does the BRCA1 Mutation Disturb the Salivary Redox Profile?. <i>Cancers</i> , 2019, 11, 1501.	1.7	34
5976	Synthesis, characterization, and supramolecular architectures of two distinct classes of probes for the visualization of endogenously generated hypochlorite ions in response to cellular activity. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2019, 198, 111594.	1.7	2
5977	Acute phase proteins, proinflammatory cytokines and oxidative stress biomarkers in sheep, goats and she-camels with <i>Coxiella burnetii</i> infection-induced abortion. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2019, 67, 101352.	0.7	16

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5978	Phytochemical analysis, cellular antioxidant and α -glucosidase inhibitory activities of various herb plant organs. <i>Industrial Crops and Products</i> , 2019, 141, 111771.	2.5	21
5979	Characterization of Localized Elemental Composition of Core-Shell Pd/C Catalysts by FESEM/EDS and STEM/EDS. <i>Microscopy and Microanalysis</i> , 2019, 25, 828-829.	0.2	0
5980	Remote Light-Responsive Nanocarriers for Controlled Drug Delivery: Advances and Perspectives. <i>Small</i> , 2019, 15, e1903060.	5.2	183
5981	Screen for Potential Candidate Alternatives of <i>Sargentodoxa cuneata</i> from Its Six Adulterants Based on Their Phenolic Compositions and Antioxidant Activities. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5427.	1.8	7
5982	Developing an elegant and integrated electrochemical-theoretical approach for detection of DNA damage induced by 4-nonylphenol. <i>Heliyon</i> , 2019, 5, e02755.	1.4	9
5983	Exaggerated exercise pressor reflex in type 2 diabetes: Potential role of oxidative stress. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2019, 222, 102591.	1.4	16
5984	Plasma medicine for neuroscience—an introduction. <i>Chinese Neurosurgical Journal</i> , 2019, 5, 25.	0.3	15
5985	Vitamin E but Not GSH Decreases Reactive Oxygen Species Accumulation and Enhances Sperm Production during In Vitro Maturation of Frozen-Thawed Prepubertal Mouse Testicular Tissue. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5380.	1.8	19
5986	Research Advances of Purple Sweet Potato Anthocyanins: Extraction, Identification, Stability, Bioactivity, Application, and Biotransformation. <i>Molecules</i> , 2019, 24, 3816.	1.7	85
5987	Purine DNA Lesions at Different Oxygen Concentration in DNA Repair-Impaired Human Cells (EUE-siXPA). <i>Cells</i> , 2019, 8, 1377.	1.8	15
5988	Genetic Polymorphisms of Superoxide Dismutase Locus of <i>Pneumocystis jirovecii</i> in Spanish Population. <i>Frontiers in Public Health</i> , 2019, 7, 292.	1.3	4
5989	Delving into the Antiuro lithiatic Potential of <i>Tribulus terrestris</i> Extract Through “In Vivo Efficacy and Preclinical Safety Investigations in Wistar Rats. <i>Scientific Reports</i> , 2019, 9, 15969.	1.6	12
5990	Isolation and characterization of anti-inflammatory peptides derived from trypsin hydrolysis of microalgae protein (<i>Synechococcus</i> sp. VDW). <i>Food Biotechnology</i> , 2019, 33, 303-324.	0.6	32
5991	Antioxidant, Anti-Melanogenic and Anti-Wrinkle Effects of <i>Phellinus vaninii</i> . <i>Mycobiology</i> , 2019, 47, 494-505.	0.6	27
5992	Protective Effects Of Astragalus Polysaccharides On Oxidative Stress In High Glucose-Induced Or SOD2-Silenced H9C2 Cells Based On PCR Array Analysis. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2019, Volume 12, 2209-2220.	1.1	12
5993	Antioxidant Compounds and Their Antioxidant Mechanism. , 0, , .		125
5994	Role of Reactive Oxygen Species in Cancer Progression: Molecular Mechanisms and Recent Advancements. <i>Biomolecules</i> , 2019, 9, 735.	1.8	759
5995	Over-Activated Proteasome Mediates Neuroinflammation on Acute Intracerebral Hemorrhage in Rats. <i>Cells</i> , 2019, 8, 1326.	1.8	14

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5996	Intracellular Redox-Balance Involvement in Temozolomide Resistance-Related Molecular Mechanisms in Glioblastoma. <i>Cells</i> , 2019, 8, 1315.	1.8	29
5998	Improving Health-Promoting Effects of Food-Derived Bioactive Peptides through Rational Design and Oral Delivery Strategies. <i>Nutrients</i> , 2019, 11, 2545.	1.7	39
5999	Urinary Biomarkers of Inflammation and Oxidative Stress Are Elevated in Obese Children and Correlate with a Marker of Endothelial Dysfunction. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-10.	1.9	25
6000	Theranostic Nanoplatform with Hydrogen Sulfide Activatable NIR Responsiveness for Imaging-Guided On-Demand Drug Release. <i>Angewandte Chemie</i> , 2019, 131, 16982-16986.	1.6	18
6001	4-Hydroxynonenal (HNE) and hepatic injury related to chronic oxidative stress. <i>Biotechnology and Biotechnological Equipment</i> , 2019, 33, 1544-1552.	0.5	9
6002	Organometallic Compounds and Metal Complexes in Current and Future Treatments of Inflammatory Bowel Disease and Colorectal Cancer—a Critical Review. <i>Biomolecules</i> , 2019, 9, 398.	1.8	12
6003	Soy Isoflavones Improve the Spermatogenic Defects in Diet-Induced Obesity Rats Through Nrf2/HO-1 Pathway. <i>Molecules</i> , 2019, 24, 2966.	1.7	19
6004	Short-Term Betanin Intake Reduces Oxidative Stress in Wistar Rats. <i>Nutrients</i> , 2019, 11, 1978.	1.7	19
6005	Reaction-Based Fluorescent Probes for the Detection and Imaging of Reactive Oxygen, Nitrogen, and Sulfur Species. <i>Accounts of Chemical Research</i> , 2019, 52, 2582-2597.	7.6	442
6006	Immunotoxic Potential of Bisphenol F Mediated through Lipid Signaling Pathways on Macrophages. <i>Environmental Science & Technology</i> , 2019, 53, 11420-11428.	4.6	23
6007	Torularhodin Ameliorates Oxidative Activity in Vitro and α -Galactose-Induced Liver Injury via the Nrf2/HO-1 Signaling Pathway in Vivo. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 10059-10068.	2.4	33
6008	Combined chromatographic strategy based on macroporous resin, high-speed counter-current chromatography and preparative HPLC for systematic separation of seven antioxidants from the fruit of <i>Terminalia billericia</i> . <i>Journal of Separation Science</i> , 2019, 42, 3191-3199.	1.3	8
6009	Exposure to Static and Extremely-Low Frequency Electromagnetic Fields and Cellular Free Radicals. <i>Electromagnetic Biology and Medicine</i> , 2019, 38, 231-248.	0.7	50
6010	Medicinal Plants from Brazilian Cerrado: Antioxidant and Anticancer Potential and Protection against Chemotherapy Toxicity. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-16.	1.9	16
6011	Theoretical Study for Exploring the Diglycoside Substituent Effect on the Antioxidative Capability of Isorhamnetin Extracted from <i>Anoectochilus roxburghii</i> . <i>ACS Omega</i> , 2019, 4, 14996-15003.	1.6	25
6012	Oxidative Stress and Advanced Lipoxidation and Glycation End Products (ALEs and AGEs) in Aging and Age-Related Diseases. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-14.	1.9	287
6013	Reproduction and maternal care increase oxidative stress in a mouthbrooding cichlid fish. <i>Behavioral Ecology</i> , 2019, 30, 1662-1671.	1.0	18
6014	Oxidative Stress in Cardiovascular Diseases: Still a Therapeutic Target?. <i>Nutrients</i> , 2019, 11, 2090.	1.7	457

#	ARTICLE	IF	CITATIONS
6015	Grape Infusions: The Flavor of Grapes and Health-Promoting Compounds in Your Tea Cup. <i>Beverages</i> , 2019, 5, 48.	1.3	13
6016	Do <i>Ganoderma lucidum</i> and <i>Salvia officinalis</i> extracts exhibit synergistic antioxidant and antineurodegenerative effects?. <i>Journal of Food Measurement and Characterization</i> , 2019, 13, 3357-3365.	1.6	4
6017	The influence of apocynin, lipoic acid and probiotics on antioxidant enzyme levels in the pulmonary tissues of obese asthmatic mice. <i>Life Sciences</i> , 2019, 234, 116780.	2.0	13
6018	Effects of macular xanthophyll supplementation on brain-derived neurotrophic factor, pro-inflammatory cytokines, and cognitive performance. <i>Physiology and Behavior</i> , 2019, 211, 112650.	1.0	37
6019	Beyond common analytical limits of radicals detection using the functional SERS substrates. <i>Sensors and Actuators B: Chemical</i> , 2019, 300, 127015.	4.0	11
6020	Anti-oxidative function of follicular fluid HDL and outcomes of modified natural cycle-IVF. <i>Scientific Reports</i> , 2019, 9, 12817.	1.6	16
6021	Male age: negative impact on sperm DNA fragmentation. <i>Aging</i> , 2019, 11, 2749-2761.	1.4	25
6022	Botrysin D attenuates arsenic-induced oxidative stress in human lung epithelial cells via activating Nrf2/ARE signaling pathways. <i>Biochemical and Biophysical Research Communications</i> , 2019, 518, 526-532.	1.0	4
6023	Fisetin, a potential caloric restriction mimetic, modulates ionic homeostasis in senescence induced and naturally aged rats. <i>Archives of Physiology and Biochemistry</i> , 2022, 128, 51-58.	1.0	17
6024	Antioxidant and Hepatoprotective Effect of <i>Cajanus cajan</i> in N-Nitrosodiethylamine-Induced Liver Damage. <i>Scientia Pharmaceutica</i> , 2019, 87, 24.	0.7	18
6025	Comparison of protective properties of resveratrol and melatonin in the radiation inactivation and destruction of glyceraldehyde-3-phosphate dehydrogenase and lactate dehydrogenase. <i>International Journal of Radiation Biology</i> , 2019, 95, 1472-1483.	1.0	3
6026	Graviola (<i>Annona muricata</i>) attenuates behavioural alterations and testicular oxidative stress induced by streptozotocin in diabetic rats. <i>PLoS ONE</i> , 2019, 14, e0222410.	1.1	19
6027	Preclinical evaluation of carnosine and Costus as hematological protective agents against gamma radiation. <i>Journal of Radiation Research and Applied Sciences</i> , 2019, 12, 304-310.	0.7	6
6028	Millet grain as a candidate antioxidant food resource: a review. <i>International Journal of Food Properties</i> , 2019, 22, 1652-1661.	1.3	38
6029	Electrochemical Nitric Oxide Sensors: Principles of Design and Characterization. <i>Chemical Reviews</i> , 2019, 119, 11551-11575.	23.0	88
6030	Assessment of Antioxidant and Cytotoxic Activities of Extracts of <i>Dendrobium crepidatum</i> . <i>Biomolecules</i> , 2019, 9, 478.	1.8	40
6031	Role of Zinc in Immune System and Anti-Cancer Defense Mechanisms. <i>Nutrients</i> , 2019, 11, 2273.	1.7	188
6032	Pharmacokinetic Study of NADPH Oxidase Inhibitor Ewha-18278, a Pyrazole Derivative. <i>Pharmaceutics</i> , 2019, 11, 482.	2.0	7

#	ARTICLE	IF	CITATIONS
6033	Effect of the Plastein Reaction in Presence of Extrinsic Amino Acids on the Protective Activity of Casein Hydrolysate against Ethanol-Induced Damage in HHL-5 Cells. <i>Foods</i> , 2019, 8, 112.	1.9	2
6034	Natural Bio-active Compounds. , 2019, , .		2
6035	A novel antioxidant rich compound 2-hydroxy 4-methylbenzaldehyde from <i>Decalepis arayalpathra</i> induces apoptosis in breast cancer cells. <i>Biocatalysis and Agricultural Biotechnology</i> , 2019, 21, 101339.	1.5	10
6036	Histological Change in Soft Tissue Surrounding Titanium Plates after Jaw Surgery. <i>Materials</i> , 2019, 12, 3205.	1.3	13
6037	Morphotaxonomy and comparative mycochemical study and antioxidant activity of hydromethanol, infusion and decoction extracts from <i>Russula brevipes</i> Peck. <i>Indian Phytopathology</i> , 2019, 72, 445-452.	0.7	2
6038	Waterborne zinc induced lobe-dependent effect on oxidative stress and energy metabolism in hepatopancreas of <i>Larimichthys crocea</i> . <i>Aquatic Toxicology</i> , 2019, 215, 105270.	1.9	14
6039	COX-2 inhibition rescues depression-like behaviors via suppressing glial activation, oxidative stress and neuronal apoptosis in rats. <i>Neuropharmacology</i> , 2019, 160, 107779.	2.0	37
6040	A review of phytochemistry and pharmacology profile of <i>Juglans regia</i> . <i>Obesity Medicine</i> , 2019, 16, 100142.	0.5	30
6041	Protective effects of melatonin and N-acetyl cysteine against oxidative stress induced by microcystin-LR on cardiac muscle tissue. <i>Toxicon</i> , 2019, 169, 38-44.	0.8	13
6042	Assessment of intermittent exposure of zinc oxide nanoparticle (ZNP)â€‘mediated toxicity and biochemical alterations in the splenocytes of male Wistar rat. <i>Environmental Science and Pollution Research</i> , 2019, 26, 33642-33653.	2.7	12
6043	Acute neuroinflammation elicited by TLR-3 systemic activation combined with early life stress induces working memory impairments in male adolescent mice. <i>Behavioural Brain Research</i> , 2019, 376, 112221.	1.2	16
6044	Poly-ubiquitinated p62/SQSTM1-mediated hemoxygenase-1 stabilization plays a critical role in cadmium-induced apoptosis of mouse monocyte Raw264.7 cells. <i>Biochemical and Biophysical Research Communications</i> , 2019, 519, 409-414.	1.0	4
6045	Real time bioimaging for mitochondria by taking the aggregation process of aggregation-induced emission near-infrared dyes with wash-free staining. <i>Materials Chemistry Frontiers</i> , 2019, 3, 57-63.	3.2	33
6046	Polyphenol Compounds Attenuate Highâ€‘Dose PUFAâ€‘Induced Oxidative Damage in Adipocytes. <i>European Journal of Lipid Science and Technology</i> , 2019, 121, 1800311.	1.0	0
6047	<i>Sargassum sagamianum</i> extract protects INS-1 pancreatic Î² cells against high glucose-induced apoptosis. <i>Cytotechnology</i> , 2019, 71, 389-399.	0.7	8
6048	Cellular senescence in dental pulp stem cells. <i>Archives of Oral Biology</i> , 2019, 99, 150-155.	0.8	26
6049	Oxidative stress, caloric intake and outcomes of critically ill patients. <i>Clinical Nutrition ESPEN</i> , 2019, 29, 103-111.	0.5	4
6050	Evaluation of trace elements associated with antioxidant enzymes in blood of primary epithelial ovarian cancer patients. <i>Journal of Trace Elements in Medicine and Biology</i> , 2019, 52, 254-262.	1.5	17

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6051	The anti-malarial drug artesunate causes cell cycle arrest and apoptosis of triple-negative MDA-MB-468 and HER2-enriched SK-BR-3 breast cancer cells. <i>Experimental and Molecular Pathology</i> , 2019, 107, 10-22.	0.9	52
6052	Carrier-free nano-integrated strategy for synergetic cancer anti-angiogenic therapy and phototherapy. <i>Chemical Science</i> , 2019, 10, 2778-2784.	3.7	88
6053	Degradable redox-responsive disulfide-based nanogel drug carriers via dithiol oxidation polymerization. <i>Biomaterials Science</i> , 2019, 7, 607-617.	2.6	41
6054	Thiol-Redox Regulation in Lung Development and Vascular Remodeling. <i>Antioxidants and Redox Signaling</i> , 2019, 31, 858-873.	2.5	11
6055	The associations of DNA methylation alterations in oxidative stress-related genes with cancer incidence and mortality outcomes: a population-based cohort study. <i>Clinical Epigenetics</i> , 2019, 11, 14.	1.8	19
6056	Protective effects of hypercapnic acidosis on Ischemia-reperfusion-induced retinal injury. <i>PLoS ONE</i> , 2019, 14, e0211185.	1.1	9
6057	Identification of bioactive phenolics from <i>Porana sinensis</i> Hemsl. stem by UPLC-QTOF-MS/MS and the confirmation of anti-inflammatory indicators using LPS-induced RAW264.7 cells. <i>Inflammopharmacology</i> , 2019, 27, 1055-1069.	1.9	8
6058	Diallyl disulfide, a garlic-rich compound ameliorates trichloromethane-induced renal oxidative stress, NFkB activation and apoptosis in rats. <i>Clinical Nutrition Experimental</i> , 2019, 23, 44-59.	2.0	8
6059	Chemical composition, antioxidant, anti-inflammatory, and cytotoxic activities of <i>Opuntia stricta</i> cladodes. <i>PLoS ONE</i> , 2019, 14, e0209682.	1.1	30
6060	Control of antioxidant efficiency of chlorogenates in emulsions: modulation of antioxidant interfacial concentrations. <i>Journal of the Science of Food and Agriculture</i> , 2019, 99, 3917-3925.	1.7	29
6061	Dual-Site Fluorescent Probe to Monitor Intracellular Nitroxyl and GSH-GSSG Oscillations. <i>Analytical Chemistry</i> , 2019, 91, 4451-4456.	3.2	36
6062	Aurone: A biologically attractive scaffold as anticancer agent. <i>European Journal of Medicinal Chemistry</i> , 2019, 166, 417-431.	2.6	60
6063	Antiradical and Antioxidative Activity of Azocalix[4]arene Derivatives: Combined Experimental and Theoretical Study. <i>Molecules</i> , 2019, 24, 485.	1.7	7
6064	Simultaneous photoreduction and Raman spectroscopy of red blood cells to investigate the effects of organophosphate exposure. <i>Journal of Biophotonics</i> , 2019, 12, e201800246.	1.1	5
6065	Olive Biophenols Reduces Alzheimer's Pathology in SH-SY5Y Cells and APPswe Mice. <i>International Journal of Molecular Sciences</i> , 2019, 20, 125.	1.8	43
6066	Arsenic and Heavy Metal (Cadmium, Lead, Mercury and Nickel) Contamination in Plant-Based Foods. , 2019, , 447-490.		27
6067	Aquatic beetles <i>Cercyon unipunctatus</i> as bioindicators of pollution in Lake Edku and Mariut, Egypt. <i>Environmental Science and Pollution Research</i> , 2019, 26, 6557-6564.	2.7	6
6068	Striking Effect of Polymer End-Group on C ₆₀ Nanoparticle Formation by High Shear Vibrational Milling with Alkyne-Functionalized Poly(2-oxazoline)s. <i>ACS Macro Letters</i> , 2019, 8, 172-176.	2.3	11

#	ARTICLE	IF	CITATIONS
6069	Oxidative Stress and Antioxidant Biomarkers in Clinical and Experimental Models of Non-Alcoholic Fatty Liver Disease. <i>Medicina (Lithuania)</i> , 2019, 55, 26.	0.8	109
6070	Influence of <i>Spirulina platensis</i> and ascorbic acid on amikacin-induced nephrotoxicity in rabbits. <i>Environmental Science and Pollution Research</i> , 2019, 26, 8080-8086.	2.7	32
6071	Antioxidant activity and molecular docking study of <i>Erythrina</i> neillii polyphenolics. <i>South African Journal of Botany</i> , 2019, 121, 470-477.	1.2	13
6072	Free Radicals, Diabetes, and Its Complexities. , 2019, , 1-41.		3
6073	Oxidative stress induced by oxime reactivators of acetylcholinesterase in vitro. <i>Toxicology in Vitro</i> , 2019, 56, 110-117.	1.1	4
6074	Hepatotoxicity and nephrotoxicity in rats induced by carbon tetrachloride and the protective effects of <i>Teucrium polium</i> and vitamin C. <i>Toxicology Mechanisms and Methods</i> , 2019, 29, 313-321.	1.3	21
6075	Molecular damage and responses of oral keratinocyte to hydrogen peroxide. <i>BMC Oral Health</i> , 2019, 19, 10.	0.8	24
6076	Astragaloside IV Protects Primary Cerebral Cortical Neurons from Oxygen and Glucose Deprivation/Reoxygenation by Activating the PKA/CREB Pathway. <i>Neuroscience</i> , 2019, 404, 326-337.	1.1	36
6077	Oxidative stress and DNA damage in peripheral blood mononuclear cells from normal, obese, prediabetic and diabetic persons exposed to adrenaline in vitro. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2019, 843, 81-89.	0.9	12
6078	Astaxanthin, a xanthophyll carotenoid, prevents development of dextran sulphate sodium-induced murine colitis. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2019, 64, 66-72.	0.6	33
6079	Dysregulation of stress systems and nitric oxide signaling underlies neuronal dysfunction in Alzheimer's disease. <i>Free Radical Biology and Medicine</i> , 2019, 134, 468-483.	1.3	32
6080	Protective effects of five compounds from <i>Livistona chinensis</i> R. Brown leaves against hypoxia/reoxygenation, H ₂ O ₂ , or adriamycin-induced injury in H9c2 cells.	2.0	10
6081	Thiophenols, Promising Scavengers of Peroxyl Radicals: Mechanisms and kinetics. <i>Journal of Computational Chemistry</i> , 2019, 40, 2103-2110.	1.5	43
6082	Sea Buckthorn and Apricot Based Nutraceuticals. , 2019, , 83-90.		0
6083	A new colorimetric method for CUPRAC assay with using of TLC plate. <i>LWT - Food Science and Technology</i> , 2019, 112, 108212.	2.5	11
6084	Comprehensive Assessment of Short-Lived ROS and H ₂ O ₂ in Laser Printer Emissions: Assessing the Relative Contribution of Metal Oxides and Organic Constituents. <i>Environmental Science & Technology</i> , 2019, 53, 7574-7583.	4.6	25
6085	In vitro/in vivo hepatoprotective properties of 1-O-(4-hydroxymethylphenyl)- β -L-rhamnopyranoside from <i>Moringa oleifera</i> seeds against carbon tetrachloride-induced hepatic injury. <i>Food and Chemical Toxicology</i> , 2019, 131, 110531.	1.8	26
6086	Review Quantification of Hydrogen Peroxide by Electrochemical Methods and Electron Spin Resonance Spectroscopy. <i>Journal of the Electrochemical Society</i> , 2019, 166, G82-G101.	1.3	38

#	ARTICLE	IF	CITATIONS
6087	<p></p>Changes in the blood antioxidant defense of advanced age people</p>. Clinical Interventions in Aging, 2019, Volume 14, 763-771.	1.3	52
6088	<p></p>A novel composite scaffold of Cu-doped nano calcium-deficient hydroxyapatite/multi-(amino) Tj ETQq1 1 0.784314 rgBT /Ov</p> Volume 14, 3331-3343.	3.3	19
6089	Chemical Basis of Reactive Oxygen Species Reactivity and Involvement in Neurodegenerative Diseases. International Journal of Molecular Sciences, 2019, 20, 2407.	1.8	485
6090	Effects of stocking density on the growth performance, bacterial load and antioxidant response systems of noble scallop <i>Chlamys nobilis</i> . Fish and Shellfish Immunology, 2019, 92, 40-44.	1.6	13
6091	Luteolin: A Natural Flavonoid Enhances the Survival of HUVECs against Oxidative Stress by Modulating AMPK/PKC Pathway. The American Journal of Chinese Medicine, 2019, 47, 541-557.	1.5	31
6092	Sweet potato polyphenols. , 2019, , 177-222.		7
6093	Use of naturally sourced feed additives (lactobacillus fermentation products and enzymes) in growing and finishing steers: Effects on performance, carcass characteristics and blood metabolites. Animal Feed Science and Technology, 2019, 254, 114190.	1.1	12
6094	Endophytic microbes and antioxidant activities of secondary metabolites from mangroves <i>Avicennia marina</i> and <i>Xylocarpus granatum</i> . IOP Conference Series: Earth and Environmental Science, 2019, 278, 012065.	0.2	9
6095	Effects of cyclophosphamide on the phenotypes and functions of THP-1 cells. Environmental Toxicology and Pharmacology, 2019, 70, 103201.	2.0	4
6096	Mitochondria as central hub of the immune system. Redox Biology, 2019, 26, 101255.	3.9	187
6097	<i>Anchusa azurea</i> Mill. (Boraginaceae) aerial parts methanol extract interfering with cytoskeleton organization induces programmed cancer cells death. Food and Function, 2019, 10, 4280-4290.	2.1	31
6098	In vivo hepatoprotective and In vitro radical scavenging activities of <i>Cucumis ficifolius</i> A. rich root extract. Journal of Ethnopharmacology, 2019, 242, 112031.	2.0	15
6099	On the magnetosensitivity of lipid peroxidation: two- <i>versus</i> three-radical dynamics. Physical Chemistry Chemical Physics, 2019, 21, 13526-13538.	1.3	20
6100	Increased Oxidative Stress Induced by Rubus Bioactive Compounds Induce Apoptotic Cell Death in Human Breast Cancer Cells. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-18.	1.9	29
6101	Prepregnancy Obesity, Maternal Dietary Intake, and Oxidative Stress Biomarkers in the Fetomaternal Unit. BioMed Research International, 2019, 2019, 1-8.	0.9	20
6102	Diquat Determines a Deregulation of lncRNA and mRNA Expression in the Liver of Postweaned Piglets. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-9.	1.9	16
6103	Roles of Toll-Like Receptors in Nitroxidative Stress in Mammals. Cells, 2019, 8, 576.	1.8	52
6104	Electrochemical determination of antioxidant activity and HPLC profiling of some dry fruits. Monatshefte für Chemie, 2019, 150, 1195-1203.	0.9	3

#	ARTICLE	IF	CITATIONS
6105	Iron homeostasis and iron-regulated ROS in cell death, senescence and human diseases. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2019, 1863, 1398-1409.	1.1	283
6106	Chronic Lead Exposure Results in Auditory Deficits and Disruption of Hair Cells in Postweaning Rats. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-8.	1.9	6
6107	The Role of Endothelial Dysfunction in Peripheral Blood Nerve Barrier: Molecular Mechanisms and Pathophysiological Implications. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3022.	1.8	45
6108	Mediators of Physical Activity Protection against ROS-Linked Skeletal Muscle Damage. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3024.	1.8	72
6109	<i>Arctium lappa</i> contributes to the management of type 2 diabetes mellitus by regulating glucose homeostasis and improving oxidative stress: A critical review of in vitro and in vivo animal-based studies. <i>Phytotherapy Research</i> , 2019, 33, 2213-2220.	2.8	21
6110	Molecular and epigenetic mechanisms of Cr(VI)-induced carcinogenesis. <i>Toxicology and Applied Pharmacology</i> , 2019, 377, 114636.	1.3	110
6111	Antioxidant Effect of Caffeic Acid Derivatives on Sod and Glutathione Defective Yeasts. <i>Applied Biochemistry and Microbiology</i> , 2019, 55, 264-269.	0.3	7
6112	Secondary Metabolites From Endophytic Fungi and Their Biological Activities. , 2019, , 237-258.		19
6113	Thiol-Disulfide Homeostasis, Serum Ferroxidase Activity, and Serum Ischemia Modified Albumin Levels in Childhood Iron Deficiency Anemia. <i>Fetal and Pediatric Pathology</i> , 2019, 38, 484-489.	0.4	3
6114	Safflower (<i>Carthamus tinctorius</i> L.) seed attenuates memory impairment induced by scopolamine in mice via regulation of cholinergic dysfunction and oxidative stress. <i>Food and Function</i> , 2019, 10, 3650-3659.	2.1	37
6115	The Effectiveness of Herbal Mixture Supplements with and without Clomiphene Citrate in Comparison to Clomiphene Citrate on Serum Antioxidants and Glycemic Biomarkers in Women with Polycystic Ovary Syndrome Willing to Be Pregnant: A Randomized Clinical Trial. <i>Biomolecules</i> , 2019, 9, 215.	1.8	20
6116	Hepato-protective effects of <i>Glossogyne tenuifolia</i> in Streptozotocin-nicotinamide-induced diabetic rats on high fat diet. <i>BMC Complementary and Alternative Medicine</i> , 2019, 19, 117.	3.7	6
6117	Chemical Composition and Biological Activities of Lebanese Pentapera Plant. <i>Medical Science Monitor Basic Research</i> , 2019, 25, 88-99.	2.6	2
6118	Selective pressures during chronic infection drive microbial competition and cooperation. <i>Npj Biofilms and Microbiomes</i> , 2019, 5, 16.	2.9	42
6119	Correlation Analysis of Intestinal Redox State with the Gut Microbiota Reveals the Positive Intervention of Tea Polyphenols on Hyperlipidemia in High Fat Diet Fed Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 7325-7335.	2.4	93
6120	Antioxidants in Prevention and Treatment of Diseases and Toxicity. , 2019, , 205-213.		2
6121	Dihydrotestosterone regulates oxidative stress and immunosuppressive cytokines in a female BALB/c mouse model of Graves' disease. <i>Autoimmunity</i> , 2019, 52, 117-125.	1.2	5
6122	Scavenging of reactive oxygen species by phenolic compound-modified maghemite nanoparticles. <i>Beilstein Journal of Nanotechnology</i> , 2019, 10, 1073-1088.	1.5	23

#	ARTICLE	IF	CITATIONS
6123	Scutellarein suppresses A β -induced memory impairment via inhibition of the NF κ B pathway in vivo and in vitro. <i>Oncology Letters</i> , 2019, 17, 5581-5589.	0.8	12
6124	The role of lipids in aging-related metabolic changes. <i>Chemistry and Physics of Lipids</i> , 2019, 222, 59-69.	1.5	28
6125	Electrochemical Methodology for Evaluating Skin Oxidative Stress Status (SOSS). <i>Diseases (Basel)</i> , 2019, 10, 10.	1.0	6
6126	Natural Antioxidant Anthocyanins—A Hidden Therapeutic Candidate in Metabolic Disorders with Major Focus in Neurodegeneration. <i>Nutrients</i> , 2019, 11, 1195.	1.7	91
6127	Mixed Diets Reduce the Oxidative Stress of Common Carp (<i>Cyprinus carpio</i>): Based on MicroRNA Sequencing. <i>Frontiers in Physiology</i> , 2019, 10, 631.	1.3	19
6128	Janus-Faced Redox Activity of LnVO ₄ :Eu ³⁺ (Ln = Gd, Y, and La) Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2019, 123, 15323-15329.	1.5	19
6129	Effect of extruded mung bean flour on dough rheology and quality of Chinese noodles. <i>Cereal Chemistry</i> , 2019, 96, 836-846.	1.1	12
6130	Dietary tryptophan affects growth performance, digestive and absorptive enzyme activities, intestinal antioxidant capacity, and appetite and GH/IGF axis-related gene expression of hybrid catfish (<i>Pelteobagrus vachelli</i> × <i>Leiocassis longirostris</i>). <i>Fish Physiology and Biochemistry</i> , 2019, 45, 1627-1647.	0.9	24
6131	Antioxidant capacity and anoxia-tolerance in <i>Austrofundulus limnaeus</i> embryos. <i>Journal of Experimental Biology</i> , 2019, 222, .	0.8	6
6132	Sustainable Agriculture Reviews 35. <i>Sustainable Agriculture Reviews</i> , 2019, , .	0.6	15
6133	Processed soybean meal as an alternative protein source for yellow perch (<i>Perca flavescens</i>) feed. <i>Aquaculture Nutrition</i> , 2019, 25, 917-931.	1.1	16
6134	Optical Detection of Intracellular Quantities Using Nanoscale Technologies. <i>Accounts of Chemical Research</i> , 2019, 52, 1739-1749.	7.6	25
6135	A Hypericin Delivery System Based on Polydopamine Coated Cerium Oxide Nanorods for Targeted Photodynamic Therapy. <i>Polymers</i> , 2019, 11, 1025.	2.0	9
6136	Molecular Mechanisms of Zinc as a Pro-Antioxidant Mediator: Clinical Therapeutic Implications. <i>Antioxidants</i> , 2019, 8, 164.	2.2	113
6137	Performance of the NOF-MP2 method in hydrogen abstraction reactions. <i>Theoretical Chemistry Accounts</i> , 2019, 138, 1.	0.5	7
6138	High-throughput microscopy exposes a pharmacological window in which dual leucine zipper kinase inhibition preserves neuronal network connectivity. <i>Acta Neuropathologica Communications</i> , 2019, 7, 93.	2.4	15
6139	A Review of Bioactive Factors in Human Breastmilk: A Focus on Prematurity. <i>Nutrients</i> , 2019, 11, 1307.	1.7	141
6140	A protective study of curcumin associated with Cr ⁶⁺ induced oxidative stress, genetic damage, transcription of genes related to apoptosis and histopathology of fish, <i>Channa punctatus</i> (Bloch.). <i>Diseases (Basel)</i> , 2019, 10, 10.	1.0	6

#	ARTICLE	IF	CITATIONS
6141	Quality and metagenomic evaluation of a novel functional beverage produced from soy whey using water kefir grains. <i>LWT - Food Science and Technology</i> , 2019, 113, 108258.	2.5	49
6142	Head and neck cancer management and cancer stem cells implication. <i>Saudi Dental Journal</i> , 2019, 31, 395-416.	0.5	33
6143	A Review of Oxidative Stress and Urinary Dysfunction Caused by Bladder Outlet Obstruction and Treatments Using Antioxidants. <i>Antioxidants</i> , 2019, 8, 132.	2.2	34
6144	Electrochemical detection of superoxide anions in HeLa cells by using two enzyme-free sensors prepared from ZIF-8-derived carbon nanomaterials. <i>Mikrochimica Acta</i> , 2019, 186, 370.	2.5	15
6145	Curcumin attenuates oxidative stress in RAW264.7 cells by increasing the activity of antioxidant enzymes and activating the Nrf2-Keap1 pathway. <i>PLoS ONE</i> , 2019, 14, e0216711.	1.1	141
6146	SERPINA3 is a key modulator of HNRNP-K transcriptional activity against oxidative stress in HCC. <i>Redox Biology</i> , 2019, 24, 101217.	3.9	31
6147	Role of Hydrogen Bonding by Thiones in Protecting Biomolecules from Copper(I)-Mediated Oxidative Damage. <i>Inorganic Chemistry</i> , 2019, 58, 6628-6638.	1.9	14
6148	Association of urinary acrylamide concentration with lifestyle and demographic factors in a population of South Korean children and adolescents. <i>Environmental Science and Pollution Research</i> , 2019, 26, 18247-18255.	2.7	20
6149	Mitochondrial Dysfunction Leads to Cortical Under-Connectivity and Cognitive Impairment. <i>Neuron</i> , 2019, 102, 1127-1142.e3.	3.8	108
6150	The combination of resveratrol and exercise enhances muscle growth characteristics in pacu (<i>Piaractus mesopotamicus</i>). <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2019, 235, 46-55.	0.8	11
6151	Hepatic mRNA abundance of genes related to nuclear erythroid 2-related factor 2 changes in response to 48h manipulated plasma metabolites and insulin in dairy cows. <i>Livestock Science</i> , 2019, 227, 189-194.	0.6	0
6152	Determination of antioxidant enzyme activity and phenolic contents of some species of the Asteraceae family from medicinal plants. <i>Industrial Crops and Products</i> , 2019, 137, 208-213.	2.5	49
6153	Effect of dietary vitamin E on oxidative stress-related gene-mediated differences in anxiety-like behavior in inbred strains of mice. <i>Physiology and Behavior</i> , 2019, 207, 64-72.	1.0	7
6154	Melatonin as a potential inhibitor of colorectal cancer: Molecular mechanisms. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 12216-12223.	1.2	8
6155	Hepatic lipid metabolism and oxidative stress responses of grass carp (<i>Ctenopharyngodon idella</i>) fed diets of two different lipid levels against <i>Aeromonas hydrophila</i> infection. <i>Aquaculture</i> , 2019, 509, 149-158.	1.7	34
6156	Comparative effects of horseradish (<i>Moringa oleifera</i>) leaves and seeds on blood pressure and crucial enzymes relevant to hypertension in rat. <i>PharmaNutrition</i> , 2019, 9, 100152.	0.8	14
6157	High Glucose Enhances the Odonto/Osteogenic Differentiation of Stem Cells from Apical Papilla via NF-KappaB Signaling Pathway. <i>BioMed Research International</i> , 2019, 2019, 1-10.	0.9	8
6158	The Long-Term Algae Extract (<i>Chlorella</i> and <i>Fucus</i> sp) and Aminosulphurate Supplementation Modulate SOD-1 Activity and Decrease Heavy Metals (Hg ⁺⁺ , Sn) Levels in Patients with Long-Term Dental Titanium Implants and Amalgam Fillings Restorations. <i>Antioxidants</i> , 2019, 8, 101.	2.2	12

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6159	Antioxidant and growth inhibitory activities of <i>Mesembryanthemum crystallinum</i> L. in HCT116 human colon cancer cells. <i>Journal of Nutrition and Health</i> , 2019, 52, 157.	0.2	7
6160	Phytochemical characterization and antioxidant activities of the fruit extracts of several <i>Crataegus</i> taxa. <i>South African Journal of Botany</i> , 2019, 124, 5-13.	1.2	17
6161	Time course study of oxidative stress in sulfur mustard analog 2-chloroethyl ethyl sulfide-induced toxicity. <i>International Immunopharmacology</i> , 2019, 73, 81-93.	1.7	8
6162	Neuroprotective effects of <i>Withania somnifera</i> in BPA induced-cognitive dysfunction and oxidative stress in mice. <i>Behavioral and Brain Functions</i> , 2019, 15, 9.	1.4	59
6163	Natural antidotes and management of metal toxicity. <i>Environmental Science and Pollution Research</i> , 2019, 26, 18032-18052.	2.7	71
6164	TGF- β 2 mediates thoracic radiation-induced abscopal effects of testis injury in rat. <i>Biochemical and Biophysical Research Communications</i> , 2019, 514, 678-683.	1.0	4
6165	Chemical constituents from the seeds of <i>Cassia obtusifolia</i> and their in vitro α -glucosidase inhibitory and antioxidant activities. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 1576-1579.	1.0	6
6166	A superoxide dismutase (MnSOD) with identification and functional characterization from the freshwater mussel <i>Cristaria plicata</i> . <i>Fish and Shellfish Immunology</i> , 2019, 91, 180-187.	1.6	2
6167	Doxorubicin induces detrusor smooth muscle impairments through myosin dysregulation, leading to a risk of lower urinary tract dysfunction. <i>American Journal of Physiology - Renal Physiology</i> , 2019, 317, F197-F206.	1.3	7
6168	Antioxidant activity of crude ethanolic extract and fractions of <i>Ziziphus mauritiana</i> Lam. (<i>Rhamnaceae</i>) leaves from Burkina Faso. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2019, 30, .	0.7	2
6169	Identification of an adaptor protein ϵ 2 gene (<i>AccAP2m</i>) in <i>Apis cerana cerana</i> and its role in oxidative stress responses. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 16600-16613.	1.2	4
6170	Anti-apoptosis effect of amino acid modified gadofullerene via a mitochondria mediated pathway. <i>Dalton Transactions</i> , 2019, 48, 7884-7890.	1.6	10
6171	Redox-Related Neuronal Death and Crosstalk as Drug Targets: Focus on Epilepsy. <i>Frontiers in Neuroscience</i> , 2019, 13, 512.	1.4	68
6172	Protective Effects and Mechanisms of <i>Pourthiaea villosa</i> (Thunb.) Decne. Extract on Hydrogen Peroxide-Induced Skin Aging in Human Dermal Fibroblasts. <i>Journal of Medicinal Food</i> , 2019, 22, 841-850.	0.8	7
6173	Antioxidant activities of Se-MPS: A selenopeptide identified from selenized brown rice protein hydrolysates. <i>LWT - Food Science and Technology</i> , 2019, 111, 555-560.	2.5	21
6174	Towards understanding pressure ulcer formation: Coupling an inflammation regulatory network to a tissue scale finite element model. <i>Mechanics Research Communications</i> , 2019, 97, 80-88.	1.0	7
6175	<i>Lindera glauca</i> (Siebold et Zucc.) Blume Stem Extracts Protect Against tert-Butyl Hydroperoxide-Induced Oxidative Stress. <i>Journal of Medicinal Food</i> , 2019, 22, 508-520.	0.8	11
6176	A Review of A Priori Defined Oxidative Balance Scores Relative to Their Components and Impact on Health Outcomes. <i>Nutrients</i> , 2019, 11, 774.	1.7	55

#	ARTICLE	IF	CITATIONS
6177	Looking beyond the skin: Cutaneous and systemic oxidative stress in UVB-induced squamous cell carcinoma in hairless mice. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2019, 195, 17-26.	1.7	15
6178	An In Vitro Study on Mitochondrial Compensatory Response Induced by Gliadin Peptides in Caco-2 Cells. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1862.	1.8	8
6179	Low-Dose Radiation Prevents Chemotherapy-Induced Cardiotoxicity. <i>Current Stem Cell Reports</i> , 2019, 5, 82-91.	0.7	1
6180	Mature chemical analysis methods for food chemical properties evaluation. , 2019, , 63-90.		3
6181	Bisphenol-A induces neurodegeneration through disturbance of intracellular calcium homeostasis in human embryonic stem cells-derived cortical neurons. <i>Chemosphere</i> , 2019, 229, 618-630.	4.2	39
6182	N-Acetyl-L-Cysteine Supplement in Early Life or Adulthood Reduces Progression of Diabetes in Nonobese Diabetic Mice. <i>Current Developments in Nutrition</i> , 2019, 3, nzy097.	0.1	6
6183	Protective effect of essential oil of <i>Cinnamomum verum</i> bark on hepatic and renal toxicity induced by carbon tetrachloride in rats. <i>Applied Physiology, Nutrition and Metabolism</i> , 2019, 44, 606-618.	0.9	18
6184	6-Gingerol abates benzo[a]pyrene-induced colonic injury via suppression of oxido-inflammatory stress responses in BALB/c mice. <i>Chemico-Biological Interactions</i> , 2019, 307, 1-7.	1.7	27
6185	Anthropogenic Effects on Natural Mammalian Populations: Correlation Between Telomere Length and Coal Exposure. <i>Scientific Reports</i> , 2019, 9, 6325.	1.6	17
6186	Oxidative stress in biological systems and its relation with pathophysiological functions: the effect of physical activity on cellular redox homeostasis. <i>Free Radical Research</i> , 2019, 53, 497-521.	1.5	145
6187	Inhibitory effect of cadmium exposure on digestive activity, antioxidant capacity and immune defense in the intestine of yellow catfish (<i>Pelteobagrus fulvidraco</i>). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2019, 222, 65-73.	1.3	33
6188	Potential inhibitory effect of swimming exercise on the Kisspeptin-GnRH signaling pathway in male rats. <i>Theriogenology</i> , 2019, 133, 87-96.	0.9	21
6189	Optimal extraction and antioxidant activities of flavonoids from <i>Penthorum chinense</i> Pursh. <i>Journal of Food Measurement and Characterization</i> , 2019, 13, 2253-2264.	1.6	2
6190	Response of lipid biosynthesis in <i>Chlorella pyrenoidosa</i> to intracellular reactive oxygen species level under stress conditions. <i>Bioresource Technology</i> , 2019, 287, 121414.	4.8	40
6191	Applications of conjugated systems, nanomedicines, peptides and herbal drugs as mitochondrial targeted delivery systems in the treatment of oxidative stress induced diabetes. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 52, 355-368.	1.4	4
6192	Redox Is a Global Biodevice Information Processing Modality. <i>Proceedings of the IEEE</i> , 2019, 107, 1402-1424.	16.4	37
6193	Antioxidant activities and molecular docking of 2-thioxobenzo[g]quinazoline derivatives. <i>Pharmacological Reports</i> , 2019, 71, 695-700.	1.5	33
6194	Biochemical and biophysical study of chemopreventive and chemotherapeutic anti-tumor potential of some Egyptian plant extracts. <i>Biochemistry and Biophysics Reports</i> , 2019, 18, 100637.	0.7	9

#	ARTICLE	IF	CITATIONS
6195	Obesity-induced renal injury is associated with oxidative stress via renal ischemia reperfusion injury. <i>Obesity Medicine</i> , 2019, 14, 100093.	0.5	5
6196	Alpha-lipoic acid alleviated 6-OHDA-induced cell damage by inhibiting AMPK/mTOR mediated autophagy. <i>Neuropharmacology</i> , 2019, 155, 98-103.	2.0	20
6197	ROS Induced by KillerRed Targeting Mitochondria (mtKR) Enhances Apoptosis Caused by Radiation via Cyt c/Caspase-3 Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-11.	1.9	40
6198	Cyclic Peptides in Neurological Disorders: The Case of Cyclo(His-Pro)., 2019, , 257-286.		3
6199	Highly Oxidized Graphene Quantum Dots from Coal as Efficient Antioxidants. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 16815-16821.	4.0	61
6200	Carbon nanotubes: Evaluation of toxicity at biointerfaces. <i>Journal of Pharmaceutical Analysis</i> , 2019, 9, 293-300.	2.4	190
6201	Evaluation of epithelial transport and oxidative stress protection of nanoengineered curcumin derivative-cyclodextrin formulation for ocular delivery. <i>Archives of Pharmacal Research</i> , 2019, 42, 909-925.	2.7	26
6202	ROS-triggered degradation of selenide-containing polymers based on selenoxide elimination. <i>Polymer Chemistry</i> , 2019, 10, 2039-2046.	1.9	38
6203	A Comparative Study on the Effects of Different Parts of Panax ginseng on the Immune Activity of Cyclophosphamide-Induced Immunosuppressed Mice. <i>Molecules</i> , 2019, 24, 1096.	1.7	34
6204	Chlorogenic acid isomers directly interact with Keap 1-Nrf2 signaling in Caco-2 cells. <i>Molecular and Cellular Biochemistry</i> , 2019, 457, 105-118.	1.4	42
6205	Mitigating effect of biotin against irradiation-induced cerebral cortical and hippocampal damage in the rat brain tissue. <i>Environmental Science and Pollution Research</i> , 2019, 26, 13441-13452.	2.7	11
6206	Rapamycin Removes Damaged Mitochondria and Protects Human Trabecular Meshwork (TM-1) Cells from Chronic Oxidative Stress. <i>Molecular Neurobiology</i> , 2019, 56, 6586-6593.	1.9	27
6207	Flaxseed extract induces apoptosis in human breast cancer MCF-7 cells. <i>Food and Chemical Toxicology</i> , 2019, 127, 188-196.	1.8	23
6208	Mitochondrion: A new molecular target and potential treatment strategies against trichothecenes. <i>Trends in Food Science and Technology</i> , 2019, 88, 33-45.	7.8	14
6209	Cellular Metabolomics by a Universal Redox-Reactive Nanosensors Array: From the Cell Level to Tumor-on-a-Chip Analysis. <i>Nano Letters</i> , 2019, 19, 2478-2488.	4.5	18
6210	Nutrition and Stress. , 2019, , 463-495.		0
6211	Isolation and purification of fucoidan fraction in <i>Turbinaria ornata</i> from the Maldives; Inflammation inhibitory potential under LPS stimulated conditions in in-vitro and in-vivo models. <i>International Journal of Biological Macromolecules</i> , 2019, 131, 614-623.	3.6	61
6212	Approaches and Methods to Measure Oxidative Stress in Clinical Samples: Research Applications in the Cancer Field. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-29.	1.9	228

#	ARTICLE	IF	CITATIONS
6213	G protein $\beta\gamma$ exerts expression level-dependent distinct signaling paradigms. <i>Cellular Signalling</i> , 2019, 58, 34-43.	1.7	11
6214	Effects of astaxanthin-rich dried cell powder from <i>Paracoccus carotinifaciens</i> on carotenoid composition and lipid peroxidation in skeletal muscle of broiler chickens under thermo-neutral or realistic high temperature conditions. <i>Animal Science Journal</i> , 2019, 90, 229-236.	0.6	15
6215	Effect of Chitosan Nanoparticle-Loaded <i>Thymus serpyllum</i> on Hydrogen Peroxide-Induced Bone Marrow Stromal Cell Damage. <i>Stem Cells International</i> , 2019, 2019, 1-12.	1.2	3
6216	A comprehensive study on the generation of reactive oxygen species in Cu-Al ²⁺ -catalyzed redox processes. <i>Free Radical Biology and Medicine</i> , 2019, 135, 125-131.	1.3	16
6217	Antioxidant capacity is repeatable across years but does not consistently correlate with a marker of peroxidation in a free-living passerine bird. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2019, 189, 283-298.	0.7	9
6218	A comparison of the thyroid disruption induced by decabrominated diphenyl ethers (BDE-209) and decabromodiphenyl ethane (DBDPE) in rats. <i>Ecotoxicology and Environmental Safety</i> , 2019, 174, 224-235.	2.9	73
6219	A near-infrared fluorescent probe for evaluating endogenous hydrogen peroxide during ischemia/reperfusion injury. <i>Analyst</i> , 2019, 144, 2556-2564.	1.7	25
6220	Effects of <i>Nigella sativa</i> oil on ovarian volume, oxidant systems, XIAP and NF- κ B expression in an experimental model of diabetes. <i>Biotechnic and Histochemistry</i> , 2019, 94, 325-333.	0.7	10
6221	NADPH oxidase-mediated induction of reactive oxygen species and extracellular matrix deposition by insulin-like growth factor binding protein-5. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2019, 316, L644-L655.	1.3	10
6222	Effect of Extraction Time and Solvent Power on Phytochemical Screening and Antioxidant Activity of <i>Momordica charantia</i> L. Fruit Extracts. <i>Asian Journal of Chemistry</i> , 2019, 31, 647-650.	0.1	1
6223	Iron Exposure and the Cellular Mechanisms Linked to Neuron Degeneration in Adult Mice. <i>Cells</i> , 2019, 8, 198.	1.8	47
6224	Pseudo-tetrahedral copper(II) complex derived from N'-[(2E,3Z)-4-hydroxy-4-phenylbut-3-en-2-ylidene]acetohydrazide: Synthesis, molecular structure, quantum chemical investigations, antioxidant and antiproliferative properties. <i>Journal of Molecular Structure</i> , 2019, 1185, 341-350.	1.8	50
6225	Exposure to mercury and human reproductive health: A systematic review. <i>Reproductive Toxicology</i> , 2019, 85, 93-103.	1.3	90
6226	Free radical-mediated targeting and immobilization of coupled payloads. <i>Journal of Drug Targeting</i> , 2019, 27, 1025-1034.	2.1	2
6227	Symbiotic association among marine microalgae and bacterial flora: a study with special reference to commercially important <i>Isochrysis galbana</i> culture. <i>Journal of Applied Phycology</i> , 2019, 31, 2259-2266.	1.5	21
6228	NF- κ B targeting for overcoming tumor resistance and normal tissues toxicity. <i>Journal of Cellular Physiology</i> , 2019, 234, 17187-17204.	2.0	84
6229	Antioxidant properties of a sulfated polysaccharide isolated from an enzymatic digest of <i>Sargassum thunbergii</i> . <i>International Journal of Biological Macromolecules</i> , 2019, 132, 142-149.	3.6	31
6230	Green pepper essential oil as a biopreservative agent for fish-based products: Antimicrobial and antivirulence activities against <i>Pseudomonas aeruginosa</i> KM01. <i>LWT - Food Science and Technology</i> , 2019, 108, 6-13.	2.5	21

#	ARTICLE	IF	CITATIONS
6231	The effects of vitamins and selenium mixture or ranitidine against small intestinal injury induced by indomethacin in adult rats. <i>Journal of Food Biochemistry</i> , 2019, 43, e12808.	1.2	4
6232	Counteraction of HCV-Induced Oxidative Stress Concur to Establish Chronic Infection in Liver Cell Cultures. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-14.	1.9	21
6233	Poor Early Growth and Age-Associated Disease. <i>Sub-Cellular Biochemistry</i> , 2019, 91, 1-19.	1.0	4
6234	Antinociceptive and anti-arthritic effects of aqueous whole plant extract of <i>Trianthema portulacastrum</i> in rodents: Possible mechanisms of action. <i>Journal of Ethnopharmacology</i> , 2019, 238, 111831.	2.0	10
6235	Structure of Ultrafine Bubbles and Their Effects on Protein and Lipid Membrane Structures Studied by Small- and Wide-Angle X-ray Scattering. <i>Journal of Physical Chemistry B</i> , 2019, 123, 3421-3429.	1.2	5
6236	Antidiabetic Effect of <i>Monolluma quadrangula</i> Is Mediated via Modulation of Glucose Metabolizing Enzymes, Antioxidant Defenses, and Adiponectin in Type 2 Diabetic Rats. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-11.	1.9	21
6237	Effect of an extraction solvent on the antioxidant quality of <i>Pinus densiflora</i> needle extract. <i>Journal of Pharmaceutical Analysis</i> , 2019, 9, 193-200.	2.4	11
6238	Study on the interaction and antioxidant activity of theophylline and theobromine with SOD by spectra and calculation. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 215, 354-362.	2.0	14
6239	Identification of phytochemical components from <i>Aerva lanata</i> (Linn.) medicinal plants and its in-vitro inhibitory activity against drug resistant microbial pathogens and antioxidant properties. <i>Saudi Journal of Biological Sciences</i> , 2019, 26, 1129-1133.	1.8	22
6240	Phenolic analysis and erectogenic function of African Walnut (<i>Tetracarpidium conophorum</i>) seeds: The impact of the seed shell on biological activity. <i>Journal of Food Biochemistry</i> , 2019, 43, e12815.	1.2	11
6241	Antioxidant and hepatoprotective activities of residue polysaccharides by <i>Pleurotus citrinipileatus</i> . <i>International Journal of Biological Macromolecules</i> , 2019, 131, 315-322.	3.6	27
6242	A far-red to NIR emitting ultra-sensitive probe for the detection of endogenous HOCl in zebrafish and the RAW 264.7 cell line. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 3538-3544.	1.5	10
6243	The Association of Childhood Maltreatment With Lipid Peroxidation and DNA Damage in Postpartum Women. <i>Frontiers in Psychiatry</i> , 2019, 10, 23.	1.3	8
6244	Met-enkephalin inhibits ROS production through Wnt/ β -catenin signaling in the ZF4 cells of zebrafish. <i>Fish and Shellfish Immunology</i> , 2019, 88, 432-440.	1.6	8
6245	Antioxidant effects of bioactive compounds isolated from cordyceps and their protective effects against UVB-irradiated HaCaT cells. <i>Journal of Cosmetic Dermatology</i> , 2019, 18, 1899-1906.	0.8	11
6246	Green Ultrasound Assisted Extraction of trans Rosmarinic Acid from <i>Plectranthus scutellarioides</i> (L.) R.Br. Leaves. <i>Plants</i> , 2019, 8, 50.	1.6	22
6247	Chemical characterization, antioxidant properties, cholinesterase inhibitory and anti-amyloidogenic activities of sulfated polysaccharides from some seaweeds. <i>Bioactive Carbohydrates and Dietary Fibre</i> , 2019, 18, 100182.	1.5	34
6248	Intrinsic activation of cell growth and differentiation in ex vivo cultured human hair follicles by a transient endogenous production of ROS. <i>Scientific Reports</i> , 2019, 9, 4509.	1.6	8

#	ARTICLE	IF	CITATIONS
6249	Electrochemical Potential-Biological Activity Relationships of Cyclic Sulfur-Containing Molecules Against <i>Steinernema feltiae</i> , <i>Botrytis cinerea</i> , and Neuro 2a Cell Line. <i>Current Pharmacology Reports</i> , 2019, 5, 174-187.	1.5	0
6250	Peroxiredoxin 4 levels in patients with PCOS and/or obesity. <i>Journal of Gynecology Obstetrics and Human Reproduction</i> , 2019, 48, 739-743.	0.6	4
6251	Hepatic and Renal Toxicity Induced by TiO ₂ Nanoparticles in Rats: A Morphological and Metabonomic Study. <i>Journal of Toxicology</i> , 2019, 2019, 1-19.	1.4	43
6252	Functional and Medicinal Properties of Caffeine-Based Common Beverages. , 2019, , 1-46.		1
6253	Superoxide dismutase (SOD) and metallothionein (MT) Tubifex tubifex at the acute mercury exposure. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 236, 012101.	0.2	0
6254	HgS Inhibits Oxidative Stress Caused by Hypoxia through Regulation of 5-HT Metabolism Pathway. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1364.	1.8	9
6255	Cytoprotective effect of atmospheric pressure helium plasma on oxygen and glucose deprivation-induced cell death in H9C2 cardiac myoblasts and primary neonatal rat cardiomyocytes. <i>Journal Physics D: Applied Physics</i> , 2019, 52, 135401.	1.3	5
6256	PKC β contributes to oxidative stress-induced apoptosis in porcine ovarian granulosa cells via activating JNK. <i>Theriogenology</i> , 2019, 131, 89-95.	0.9	13
6257	Biological effect of protein modifications by lipid peroxidation products. <i>Chemistry and Physics of Lipids</i> , 2019, 221, 46-52.	1.5	119
6258	A New Tetrasubstituted Imidazole Based Difunctional Probe for UV-spectrophotometric and Fluorometric Detecting of Fe ³⁺ Ion in Aqueous Solution. <i>Chemical Research in Chinese Universities</i> , 2019, 35, 200-208.	1.3	6
6259	The biological role of peroxiredoxins in innate immune responses of aquatic invertebrates. <i>Fish and Shellfish Immunology</i> , 2019, 89, 91-97.	1.6	41
6260	Rational approaches for toxicological assessments of nanobiomaterials. <i>Journal of Biochemical and Molecular Toxicology</i> , 2019, 33, e22335.	1.4	9
6261	Mitochondria-Targeted Ratiometric Fluorescent Probe Based on Diketopyrrolopyrrole for Detecting and Imaging of Endogenous Superoxide Anion in Vitro and in Vivo. <i>Analytical Chemistry</i> , 2019, 91, 5786-5793.	3.2	55
6262	<i>Chlorella sorokiniana</i> and <i>Chlorella minutissima</i> exhibit antioxidant potentials, inhibit cholinesterases and modulate disaggregation of A β -amyloid fibrils. <i>Electronic Journal of Biotechnology</i> , 2019, 40, 1-9.	1.2	40
6263	Garlic augments the functional and nutritional behavior of Doenjang, a traditional Korean fermented soybean paste. <i>Scientific Reports</i> , 2019, 9, 5436.	1.6	20
6264	Beneficial effects of <i>linum usitatissimum</i> L. on dyslipidemia, oxidative stress and inflammatory cytokines in hypercholesterolemic rats. <i>Nutrition and Food Science</i> , 2019, 49, 777-790.	0.4	4
6265	Membrane Skeletal Protein S-Glutathionylation in Human Red Blood Cells as Index of Oxidative Stress. <i>Chemical Research in Toxicology</i> , 2019, 32, 1096-1102.	1.7	16
6266	Blood flow restriction increases myoelectric activity and metabolic accumulation during whole-body vibration. <i>European Journal of Applied Physiology</i> , 2019, 119, 1439-1449.	1.2	23

#	ARTICLE	IF	CITATIONS
6267	Chestnut Shell Extract Modulates Immune Parameters in the Rainbow Trout <i>Oncorhynchus mykiss</i> . <i>Fishes</i> , 2019, 4, 18.	0.7	28
6268	Endogenous and Exogenous Modulation of Nrf2 Mediated Oxidative Stress Response in Bovine Granulosa Cells: Potential Implication for Ovarian Function. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1635.	1.8	53
6269	A TICT-active orthogonal D-A type probe phenothiazine-BODIPY for ratiometric response of hypochlorite and its application in living cells. <i>Journal of Luminescence</i> , 2019, 210, 261-268.	1.5	23
6270	Sub-lethal doses of polybrominated diphenyl ethers affect some biomarkers involved in energy balance and cell cycle, via oxidative stress in the marine fish cell line SAF-1. <i>Aquatic Toxicology</i> , 2019, 210, 1-10.	1.9	25
6271	Rapeseed protein-derived peptides, LY, RALP, and GHS, modulates key enzymes and intermediate products of renin-angiotensin system pathway in spontaneously hypertensive rat. <i>Npj Science of Food</i> , 2019, 3, 1.	2.5	65
6272	Redox Imbalance in Idiopathic Pulmonary Fibrosis: A Role for Oxidant Cross-Talk Between NADPH Oxidase Enzymes and Mitochondria. <i>Antioxidants and Redox Signaling</i> , 2019, 31, 1092-1115.	2.5	57
6273	Sodium Benzoate Alleviates Neuronal Apoptosis via the DJ-1-Related Anti-oxidative Stress Pathway Involving Akt Phosphorylation in a Rat Model of Traumatic Spinal Cord Injury. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 42.	1.4	15
6274	Chemical characterization of sulfated polysaccharides from <i>Gracilaria gracilis</i> and <i>Ulva lactuca</i> and their radical scavenging, metal chelating, and cholinesterase inhibitory activities. <i>International Journal of Food Properties</i> , 2019, 22, 100-110.	1.3	45
6275	Redox-cycling and intercalating properties of novel mixed copper(II) complexes with non-steroidal anti-inflammatory drugs tolfenamic, mefenamic and flufenamic acids and phenanthroline functionality: Structure, SOD-mimetic activity, interaction with albumin, DNA damage study and anticancer activity. <i>Journal of Inorganic Biochemistry</i> , 2019, 194, 97-113.	1.5	62
6276	Synthesis of two new symmetrical macrocyclic Schiff base ligands containing homopiperazine moiety and their mononuclear complexes: Spectral characterization, X-ray crystal structural, antibacterial activities, antioxidant effects and theoretical studies. <i>Polyhedron</i> , 2019, 167, 93-102.	1.0	15
6277	Epigenetics, Public Health, Lifestyle, and Chemoprevention. , 2019, , 395-418.		0
6278	Chronic unpredictable environmental stress impair biochemical and physiological homeostasis: Role in diabetes mellitus. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , 2019, 13, 1021-1030.	1.8	9
6279	Hyperoxidation of Peroxiredoxin 6 Induces Alteration from Dimeric to Oligomeric State. <i>Antioxidants</i> , 2019, 8, 33.	2.2	12
6280	Tuning the Functional Groups on Carbon Nanodots and Antioxidant Studies. <i>Molecules</i> , 2019, 24, 152.	1.7	49
6281	The effect of structured personal care on RNA oxidation: A 19-year follow-up of the randomized trial Diabetes Care in General Practice (DCGP). <i>Journal of Diabetes and Its Complications</i> , 2019, 33, 202-207.	1.2	3
6282	New Thiol-Sensitive Dye Application for Measuring Oxidative Stress in Cell Cultures. <i>Scientific Reports</i> , 2019, 9, 1659.	1.6	10
6283	Mitochondrial Dysfunction in Neural Injury. <i>Frontiers in Neuroscience</i> , 2019, 13, 30.	1.4	76
6284	Biological markers for the effects of yoga as a complementary and alternative medicine. <i>Journal of Complementary and Integrative Medicine</i> , 2019, 16, .	0.4	24

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6285	Lipoxygenase Protein Expression and Its Effect on Oxidative Stress Caused by Benzidine in Normal Human Urothelial Cell Lines. <i>International Journal of Toxicology</i> , 2019, 38, 121-128.	0.6	5
6286	Targeting Thioredoxin Reductase by Ibrutinib Promotes Apoptosis of SMMC-7721 Cells. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2019, 369, 212-222.	1.3	10
6287	Reprogramming of Energy Metabolism in Response to Radiotherapy in Head and Neck Squamous Cell Carcinoma. <i>Cancers</i> , 2019, 11, 182.	1.7	38
6288	Taurine modulates the stress response in zebrafish. <i>Hormones and Behavior</i> , 2019, 109, 44-52.	1.0	43
6289	Scutellarin protects human retinal pigment epithelial cells against hydrogen peroxide (H ₂ O ₂)-induced oxidative damage. <i>Cell and Bioscience</i> , 2019, 9, 12.	2.1	16
6290	HM-Chromanone Isolated from <i>Portulaca oleracea</i> L. Protects INS-1 Pancreatic β^2 Cells against Glucotoxicity-Induced Apoptosis. <i>Nutrients</i> , 2019, 11, 404.	1.7	14
6292	Recent advances in fluorescent probes for peroxynitrite detection. <i>Journal of the Iranian Chemical Society</i> , 2019, 16, 437-447.	1.2	6
6293	Hormesis: A Compelling Platform for Sophisticated Plant Science. <i>Trends in Plant Science</i> , 2019, 24, 318-327.	4.3	145
6294	Jackfruit (<i>Artocarpus heterophyllus</i>): Biodiversity, Nutritional Contents, and Health. <i>Reference Series in Phytochemistry</i> , 2019, , 2237-2259.	0.2	5
6295	Oxidative stress of Cr(III) and carcinogenesis. , 2019, , 323-340.		7
6296	Changes in the osteocyte lacunocanalicular network with aging. <i>Bone</i> , 2019, 122, 101-113.	1.4	62
6297	Fisetin loaded binary ethosomes for management of skin cancer by dermal application on UV exposed mice. <i>International Journal of Pharmaceutics</i> , 2019, 560, 78-91.	2.6	66
6298	Bioinspired Small-Molecule Tools for the Imaging of Redox Biology. <i>Accounts of Chemical Research</i> , 2019, 52, 623-632.	7.6	42
6299	Toxic effects of oxine-copper on development and behavior in the embryo-larval stages of zebrafish. <i>Aquatic Toxicology</i> , 2019, 210, 242-250.	1.9	63
6300	Nutraceutical formulation, characterisation, and in-vitro evaluation of methylselenocysteine and selenocystine using food derived chitosan:zein nanoparticles. <i>Food Research International</i> , 2019, 120, 295-304.	2.9	19
6301	Knockout of insulin-degrading enzyme leads to mice testicular morphological changes and impaired sperm quality. <i>Molecular and Cellular Endocrinology</i> , 2019, 486, 11-17.	1.6	12
6302	Biomarkers of Oxidative/Nitrosative Stress and Neurotoxicity. , 2019, , 1013-1031.		0
6303	Molecular basis of neurophysiological and antioxidant roles of Szechuan pepper. <i>Biomedicine and Pharmacotherapy</i> , 2019, 112, 108696.	2.5	29

#	ARTICLE	IF	CITATIONS
6304	Encapsulation of resveratrol in zein/pectin core-shell nanoparticles: Stability, bioaccessibility, and antioxidant capacity after simulated gastrointestinal digestion. <i>Food Hydrocolloids</i> , 2019, 93, 261-269.	5.6	159
6305	A NIR ratiometric fluorescent probe for the "naked-eye"™ detection of endogenous hypochlorous acid in practical samples. <i>Analytical Methods</i> , 2019, 11, 1751-1756.	1.3	22
6306	Gastroprotective activity of a novel Schiff base derived dibromo substituted compound against ethanol-induced acute gastric lesions in rats. <i>BMC Pharmacology & Toxicology</i> , 2019, 20, 13.	1.0	25
6307	In Vivo and In Vitro Antioxidant Activities of Methanol Extracts from Olive Leaves on <i>Caenorhabditis elegans</i> . <i>Molecules</i> , 2019, 24, 704.	1.7	48
6308	Plant Family, Carvacrol, and Putative Protection in Gastric Cancer. , 2019, , 3-18.		12
6309	New Functional Properties of Fermented Rice Bran in Food Processing and Inflammatory Bowel Disease Model Mice. , 2019, , 197-206.		0
6310	The renoprotective effects of naringin and trimetazidine on renal ischemia/reperfusion injury in rats through inhibition of apoptosis and downregulation of microRNA-10a. <i>Biomedicine and Pharmacotherapy</i> , 2019, 112, 108568.	2.5	24
6311	Rhein from <i>Rheum rhabarbarum</i> Inhibits Hydrogen-Peroxide-Induced Oxidative Stress in Intestinal Epithelial Cells Partly through PI3K/Akt-Mediated Nrf2/HO-1 Pathways. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 2519-2529.	2.4	57
6312	Insulin Resistance and Oxidative Stress in the Brain: What's New?. <i>International Journal of Molecular Sciences</i> , 2019, 20, 874.	1.8	148
6313	Flavangenol regulates gene expression of HSPs, anti-apoptotic and anti-oxidative factors to protect primary chick brain cells exposed to high temperature. <i>Journal of Thermal Biology</i> , 2019, 81, 1-11.	1.1	9
6314	Di-(2-ethylhexyl) phthalate (DEHP) inhibits steroidogenesis and induces mitochondria-ROS mediated apoptosis in rat ovarian granulosa cells. <i>Toxicology Research</i> , 2019, 8, 381-394.	0.9	58
6315	Quantitation of Glutathione by Quinoline-5, 8-Dione-Based Tag Strategy Using MALDI Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2019, 30, 625-633.	1.2	9
6316	Redox Parameters as Markers of the Rate of Aging and Predictors of Life Span. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, 613-620.	1.7	21
6317	Isoflavones prevent oxidative stress and inhibit the activity of the enzyme monoamine oxidase in vitro. <i>Molecular Biology Reports</i> , 2019, 46, 2285-2292.	1.0	7
6318	Long-Term Measures of Dyslipidemia, Inflammation, and Oxidative Stress in Rats Fed a High-Fat/High-Fructose Diet. <i>Lipids</i> , 2019, 54, 81-97.	0.7	33
6319	A paper-based device for simultaneous determination of antioxidant activity and total phenolic content in food samples. <i>Talanta</i> , 2019, 198, 542-549.	2.9	42
6320	A Temperature Resistant Extracts Prepared from the <i>Perinereis aibuhitensis</i> and Its Antioxidative Characterization. <i>Aquatic Science and Technology</i> , 2019, 7, 17.	0.1	1
6321	Preliminary Analysis of <i>PON3</i> Polymorphism in Pakistani Patients with Coronary Artery Disease. <i>Folia Biologica</i> , 2019, 67, 141-148.	0.1	0

#	ARTICLE	IF	CITATIONS
6322	Telomere length and telomerase activity in osteoporosis and osteoarthritis (Review). <i>Experimental and Therapeutic Medicine</i> , 2020, 19, 1626-1632.	0.8	28
6323	Late Biochemical and Cytogenetic Changes in Plasma and Peripheral Blood Lymphocytes in People Exposed to Low-dose Radiation as a Result of the Accident at the Chernobyl Nuclear Power Plant. <i>Biophysics (Russian Federation)</i> , 2019, 64, 917-925.	0.2	0
6324	ANTIOXIDATIVE AND FREE RADICAL SCAVENGING POTENTIALS OF <i>CYCLOSORUS INTERRUPTUS</i> (WILLD.) H. ITÄ” AND <i>PRONEPHRIUM NUDATUM</i> (ROXB. EX GRIFF.) HOLTUM. <i>Asian Journal of Pharmaceutical and Clinical Research</i> , 0, , 87-94.	0.3	0
6325	Spectrophotometric Determination Of Glutathione By Iodate / Iodide. <i>Journal of Physics: Conference Series</i> , 2019, 1294, 052063.	0.3	2
6326	Aplicaci3n de un dise±o factorial 23 en la extracci3n asistida por microondas y evaluaci3n de la actividad antioxidante de los compuestos presentes en frutos de <i>Vaccinium meridionale</i> . <i>Revista Colombiana De Ciencias Qu4mico Farmac4uticas</i> , 2019, 48, .	0.3	1
6327	The Role of the Status of Selected Micronutrients in Shaping the Immune Function. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2019, 19, 1100-1115.	0.6	87
6328	Analysis of volatile organic compounds released from SW480 colorectal cancer cells and the blood of tumor-bearing mice. <i>Translational Cancer Research</i> , 2019, 8, 2736-2751.	0.4	9
6329	A comparative insight into the oxidative damage and cell death potential of photoilluminated aminophylline 4€“ riboflavin system in normal and cancer lung cells of swiss albino mice. <i>Toxicology in Vitro</i> , 2019, 61, 104651.	1.1	7
6330	Antioxidants of Natural Plant Origins: From Sources to Food Industry Applications. <i>Molecules</i> , 2019, 24, 4132.	1.7	559
6331	Human exposure assessment to macro- and trace elements in the most consumed edible seaweeds in Europe. <i>Environmental Science and Pollution Research</i> , 2019, 26, 36478-36485.	2.7	16
6332	Advances in dammarane-type triterpenoid saponins from <i>Bacopa monnieri</i> : Structure, bioactivity, biotechnology and neuroprotection. <i>Studies in Natural Products Chemistry</i> , 2019, , 489-533.	0.8	5
6333	Multifunctional magnetic iron oxide nanoparticles: diverse synthetic approaches, surface modifications, cytotoxicity towards biomedical and industrial applications. <i>BMC Materials</i> , 2019, 1, .	6.8	81
6334	Molecular Oxygen Binding in the Mitochondrial Electron Transfer Flavoprotein. <i>Journal of Chemical Information and Modeling</i> , 2019, 59, 4868-4879.	2.5	12
6335	A silver nanoparticle-poly(methyl methacrylate) based colorimetric sensor for the detection of hydrogen peroxide. <i>Heliyon</i> , 2019, 5, e02887.	1.4	19
6336	Preventive effect of Artichoke (<i>Cynara scolymus</i> L.) in kidney dysfunction against high fat-diet induced obesity in rats. <i>Archives of Physiology and Biochemistry</i> , 2022, 128, 586-592.	1.0	7
6337	Extract Bee Propolis (<i>Trigona</i> sp) for Preventive Increase Protease Activity and Defect of Trachea Histology in Rats (<i>Rattus norvegicus</i>) Exposed to Cigarette Smoke. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 391, 012048.	0.2	5
6338	Recent progress in the augmentation of reactive species with nanoplatforms for cancer therapy. <i>Nanoscale</i> , 2019, 11, 19658-19683.	2.8	90
6339	Supplemental methionine exerted chemical form-dependent effects on antioxidant status, inflammation-related gene expression, and fatty acid profiles of broiler chicks raised at high ambient temperature1. <i>Journal of Animal Science</i> , 2019, 97, 4883-4894.	0.2	23

#	ARTICLE	IF	CITATIONS
6340	In Vitro Antioxidant Properties of Dichloromethanolic Leaf Extract of <i>Gnidia glauca</i> (Fresen) as a Promising Antiobesity Drug. <i>Journal of Evidence-based Integrative Medicine</i> , 2019, 24, 2515690X1988325.	1.4	14
6341	Improving Yield and Antioxidant Properties of Strawberries by Utilizing Microbes and Natural Products. , 0, , .		3
6342	Oxidative Stress in Cell Death and Cardiovascular Diseases. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-11.	1.9	71
6343	Proteome Profiling of Cerebral Vessels in Rhesus Macaques: Dysregulation of Antioxidant Activity and Extracellular Matrix Proteins Contributes to Cerebrovascular Aging in Rhesus Macaques. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 293.	1.7	8
6344	Life-span extension by pigmented rice bran in the model yeast <i>Saccharomyces cerevisiae</i> . <i>Scientific Reports</i> , 2019, 9, 18061.	1.6	20
6345	Small-Molecule Lysophosphatidic Acid Receptor 5 (LPAR5) Antagonists: Versatile Pharmacological Tools to Regulate Inflammatory Signaling in BV-2 Microglia Cells. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 531.	1.8	22
6346	Exogenous damage causes cell DNA damage through mediated reactive oxygen levels. <i>E3S Web of Conferences</i> , 2019, 131, 01018.	0.2	0
6347	Antioxidants as a Double-Edged Sword in the Treatment of Cancer. , 0, , .		18
6348	The screening of bioactive compound of the green algae <i>Halimeda macroloba</i> (Decaisne, 1841) as an antioxidant agent from Banyak Island Aceh Singkil. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 348, 012043.	0.2	7
6349	Salivary Antioxidant Barrier, Redox Status, and Oxidative Damage to Proteins and Lipids in Healthy Children, Adults, and the Elderly. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-12.	1.9	72
6350	Triterpenes and Aromatic Meroterpenoids with Antioxidant Activity and Neuroprotective Effects from <i>Ganoderma lucidum</i> . <i>Molecules</i> , 2019, 24, 4353.	1.7	43
6351	Endothelial cell dysfunction during anoxia-reoxygenation is associated with a decrease in adenosine triphosphate levels, rearrangement in lipid bilayer phosphatidylserine asymmetry, and an increase in endothelial cell permeability. <i>Journal of Trauma and Acute Care Surgery</i> , 2019, 87, 1247-1252.	1.1	3
6352	Remarkable Protective Effects of Nrf2-Mediated Antioxidant Enzymes and Tissue Specificity in Different Skeletal Muscles of Daurian Ground Squirrels Over the Torpor-Arousal Cycle. <i>Frontiers in Physiology</i> , 2019, 10, 1449.	1.3	13
6353	Effect of High Glucose-Induced Oxidative Stress on Paraoxonase 2 Expression and Activity in Caco-2 Cells. <i>Cells</i> , 2019, 8, 1616.	1.8	21
6354	The Role of Phosphatidylethanolamine Adducts in Modification of the Activity of Membrane Proteins under Oxidative Stress. <i>Molecules</i> , 2019, 24, 4545.	1.7	28
6355	Subacute oral toxicity test of chitosan-alginate coated microparticle of <i>Garcinia mangostana</i> Linn extract. <i>AIP Conference Proceedings</i> , 2019, , .	0.3	0
6356	The Antioxidant Activity of Polysaccharides Derived from Marine Organisms: An Overview. <i>Marine Drugs</i> , 2019, 17, 674.	2.2	135
6357	Nanoparticle-Mediated Oxidative Stress Monitoring and Role of Nanoparticle for Treatment of Inflammatory Diseases. , 2019, , 97-112.		2

#	ARTICLE	IF	CITATIONS
6358	Psychological Stress and Cellular Aging in Cancer: A Meta-Analysis. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-23.	1.9	71
6359	Astaxanthin: A Potential Mitochondrial-Targeted Antioxidant Treatment in Diseases and with Aging. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-14.	1.9	114
6360	MEDICINAL HERBS AND PHYTOCHEMICALS USED IN THE TREATMENT OF DEPRESSION: A REVIEW. <i>Asian Journal of Pharmaceutical and Clinical Research</i> , 2019, , 8-14.	0.3	0
6361	Housefly Pupae-Derived Antioxidant Peptides Exerting Neuroprotective Effects on Hydrogen Peroxide-Induced Oxidative Damage in PC12 Cells. <i>Molecules</i> , 2019, 24, 4486.	1.7	11
6362	<i>Schinus terebinthifolius</i> Essential Oil Attenuates Scopolamine-Induced Memory Deficits via Cholinergic Modulation and Antioxidant Properties in a Zebrafish Model. <i>Evidence-based Complementary and Alternative Medicine</i> , 2019, 2019, 1-11.	0.5	34
6363	HPLC-ESI-Q-TOF-MS/MS profiling of <i>Verbascum ovalifolium</i> Donn ex Sims and evaluation of its antioxidant and cytogenotoxic activities. <i>Phytochemical Analysis</i> , 2019, 30, 34-45.	1.2	28
6364	ROS-challenged keratinocytes as a new model for oxidative stress-mediated skin diseases. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 28-36.	1.2	21
6365	SIRT3 Inactivation Promotes Acute Kidney Injury Through Elevated Acetylation of SOD2 and p53. <i>Journal of Surgical Research</i> , 2019, 233, 221-230.	0.8	26
6366	Fungal Proteases and Production of Bioactive Peptides for the Food Industry. , 2019, , 221-246.		18
6367	Predicting the effect of ozone on vegetation via linear non-threshold (LNT), threshold and hormetic dose-response models. <i>Science of the Total Environment</i> , 2019, 649, 61-74.	3.9	97
6368	Oxidative stress induced by electronic nicotine delivery systems (ENDS): Focus on respiratory system. <i>Current Opinion in Toxicology</i> , 2019, 13, 81-89.	2.6	7
6369	Ameliorative effect of selenium nanoparticles and fish oil on cisplatin and gamma irradiation-induced nephrotoxicity in male albino rats. <i>Drug and Chemical Toxicology</i> , 2019, 42, 94-103.	1.2	19
6370	Thiol/disulfide homeostasis as a marker of oxidative stress in rosacea: a controlled spectrophotometric study. <i>Cutaneous and Ocular Toxicology</i> , 2019, 38, 55-58.	0.5	32
6371	Dihydroartemisinin increases gemcitabine therapeutic efficacy in ovarian cancer by inducing reactive oxygen species. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 634-644.	1.2	15
6372	Evaluation of adaptogenic potential of <i>Polygonatum cirrhifolium</i> (Wall.) Royle: In vitro, in vivo and in silico studies. <i>South African Journal of Botany</i> , 2019, 121, 159-177.	1.2	9
6373	Ivabradine possesses anticonvulsant and neuroprotective action in mice. <i>Biomedicine and Pharmacotherapy</i> , 2019, 109, 2499-2512.	2.5	24
6374	Quantification and characterization of radical production in human, animal and 3D skin models during sun irradiation measured by EPR spectroscopy. <i>Free Radical Biology and Medicine</i> , 2019, 131, 299-308.	1.3	23
6375	A Dual Role of Heme Oxygenase-1 in Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2019, 20, 39.	1.8	292

#	ARTICLE	IF	CITATIONS
6376	Caffeic acid and ellagic acid ameliorate adjuvant-induced arthritis in rats via targeting inflammatory signals, chitinase-3-like protein-1 and angiogenesis. <i>Biomedicine and Pharmacotherapy</i> , 2019, 110, 878-886.	2.5	65
6377	Pre-diagnostic derivatives of reactive oxygen metabolites and the occurrence of lung, colorectal, breast and prostate cancer: An individual participant data meta-analysis of two large population-based studies. <i>International Journal of Cancer</i> , 2019, 145, 49-57.	2.3	15
6378	Hydroxytyrosol supplementation ameliorates the metabolic disturbances in white adipose tissue from mice fed a high-fat diet through recovery of transcription factors Nrf2, SREBP-1c, PPAR- α and NF- κ B. <i>Biomedicine and Pharmacotherapy</i> , 2019, 109, 2472-2481.	2.5	106
6379	Cladophora glomerata methanolic extract decreases oxidative stress and improves viability and mitochondrial potential in equine adipose derived mesenchymal stem cells (ASCs). <i>Biomedicine and Pharmacotherapy</i> , 2019, 111, 6-18.	2.5	26
6380	Kinetics of Glutathione Depletion and Antioxidant Gene Expression as Indicators of Chemical Modes of Action Assessed <i>in vitro</i> in Mouse Hepatocytes with Enhanced Glutathione Synthesis. <i>Chemical Research in Toxicology</i> , 2019, 32, 421-436.	1.7	8
6381	Biomarkers of oxidative stress in saliva of sheep: Analytical performance and changes after an experimentally induced stress. <i>Research in Veterinary Science</i> , 2019, 123, 71-76.	0.9	24
6382	Redox homeostasis in sport: do athletes really need antioxidant support?. <i>Research in Sports Medicine</i> , 2019, 27, 147-165.	0.7	36
6383	Enhanced Antioxidant Activity for Apple Juice Fermented with <i>Lactobacillus plantarum</i> ATCC14917. <i>Molecules</i> , 2019, 24, 51.	1.7	130
6384	Crystal structure, spectroscopic and biological study of a new inorganic-organic hybrid compound [Cd ₄ Cl ₁₂ (H ₂ O) ₂] _n (C ₁₀ N ₄ H ₂₈) _n . <i>Inorganic Chemistry Communication</i> , 2019, 100, 134-143.	1.8	16
6385	Roles of Nrf2/HO-1 and HIF-1 α /VEGF in lung tissue injury and repair following cerebral ischemia/reperfusion injury. <i>Journal of Cellular Physiology</i> , 2019, 234, 7695-7707.	2.0	68
6386	Effects of chitosan and salicylic acid on the production of pharmacologically attractive secondary metabolites in callus cultures of <i>Fagonia indica</i> . <i>Industrial Crops and Products</i> , 2019, 129, 525-535.	2.5	65
6387	Selective visualization of live-cell mitochondrial thiophenols and their induced oxidative stress process by a rationally designed rhodol-based fluorescent probe. <i>Sensors and Actuators B: Chemical</i> , 2019, 283, 820-830.	4.0	28
6388	Redox control of chondrocyte differentiation and chondrogenesis. <i>Free Radical Biology and Medicine</i> , 2019, 132, 83-89.	1.3	39
6389	Bioactive peptide with antioxidant and anticancer activities from black soybean [<i>Glycine max</i> (L.) Merr.] byproduct: isolation, identification and molecular docking study. <i>European Food Research and Technology</i> , 2019, 245, 677-689.	1.6	52
6390	A synthetic chalcone derivative, 2-hydroxy-3,5,5-trimethoxychalcone (DK-139), triggers reactive oxygen species-induced apoptosis independently of p53 in A549 lung cancer cells. <i>Chemico-Biological Interactions</i> , 2019, 298, 72-79.	1.7	12
6391	Therapeutic potential of the mitochondria-targeted antioxidant MitoQ in mitochondrial-ROS induced sensorineural hearing loss caused by <i>Idh2</i> deficiency. <i>Redox Biology</i> , 2019, 20, 544-555.	3.9	43
6392	Effect of <i>in vitro</i> gastrointestinal digestion on the total phenolic contents and antioxidant activity of wild Mediterranean edible plant extracts. <i>European Food Research and Technology</i> , 2019, 245, 753-762.	1.6	28
6393	Multifunctional Cellulose Ester Containing Hindered Phenol Groups with Free-Radical-Scavenging and UV-Resistant Activities. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 4302-4310.	4.0	33

#	ARTICLE	IF	CITATIONS
6394	Fumonisin B1-induced oxidative stress triggers Nrf2-mediated antioxidant response in human hepatocellular carcinoma (HepG2) cells. <i>Mycotoxin Research</i> , 2019, 35, 99-109.	1.3	45
6395	Novel Co(II) and Cu(II) coordination complexes constructed from pyrazole-acetamide: Effect of hydrogen bonding on the self assembly process and antioxidant activity. <i>Journal of Inorganic Biochemistry</i> , 2019, 191, 21-28.	1.5	39
6396	In vitro antioxidant activities of <i>Rhodobacter sphaeroides</i> and protective effect on Caco-2 cell line model. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 917-927.	1.7	17
6397	Protective effect of <i>Centella asiatica</i> against D-galactose and aluminium chloride induced rats: Behavioral and ultrastructural approaches. <i>Biomedicine and Pharmacotherapy</i> , 2019, 109, 853-864.	2.5	54
6398	Bacterial indoleacetic acid-induced synthesis of colloidal Ag2O nanocrystals and their biological activities. <i>Bioprocess and Biosystems Engineering</i> , 2019, 42, 401-414.	1.7	8
6399	Preventive role of Pycnogenol® against the hyperglycemia-induced oxidative stress and DNA damage in diabetic rats. <i>Food and Chemical Toxicology</i> , 2019, 124, 54-63.	1.8	16
6400	Withaferin A Protects Against High-Fat Diet-Induced Obesity Via Attenuation of Oxidative Stress, Inflammation, and Insulin Resistance. <i>Applied Biochemistry and Biotechnology</i> , 2019, 188, 241-259.	1.4	29
6401	Evidence that hydrogen peroxide, a component of oxidative stress, induces high-anxiety-related behaviour in mice. <i>Behavioural Brain Research</i> , 2019, 359, 292-297.	1.2	10
6402	Long-term follow-up of muscle lipid accumulation, mitochondrial activity and oxidative stress and their relationship with impaired glucose homeostasis in high fat high fructose diet-fed rats. <i>Journal of Nutritional Biochemistry</i> , 2019, 64, 182-197.	1.9	6
6403	Abrogation of transforming growth factor- β 2-induced tissue fibrosis in mice with a global genetic deletion of Nox4. <i>Laboratory Investigation</i> , 2019, 99, 470-482.	1.7	19
6404	Evaluation of the renoprotective effect of nano turmeric against toxic dose of copper sulfate: Role of vascular cell adhesion molecule-1, kidney injury molecule-1, and signal transducer and activator of transcription 3 protein expressions. <i>Journal of Biochemical and Molecular Toxicology</i> , 2019, 33, e22243.	1.4	13
6405	Structure-Activity Relationship Analysis on Antioxidant and Anticancer Actions of Theaflavins on Human Colon Cancer Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 159-170.	2.4	17
6406	Effect of exogenous hydrogen peroxide on ROS balance and antioxidant response in Chinese soft-shelled turtle <i>Pelodiscus sinensis</i> . <i>Aquaculture</i> , 2019, 501, 293-303.	1.7	10
6407	Design, graph theoretical analysis and bioinformatic studies of proanthocyanidins encapsulated ethyl cellulose nanoparticles for effective anticancer activity. <i>Biomedical Physics and Engineering Express</i> , 2019, 5, 025004.	0.6	11
6408	Redox Biology in Transition Periods of Dairy Cattle: Role in the Health of Periparturient and Neonatal Animals. <i>Antioxidants</i> , 2019, 8, 20.	2.2	98
6409	Chitosan and its derivatives: synthesis, biotechnological applications, and future challenges. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 1557-1571.	1.7	79
6410	The neurotoxic impact of subchronic exposure of male rats to copper oxychloride. <i>Journal of Trace Elements in Medicine and Biology</i> , 2019, 52, 186-191.	1.5	13
6411	Antioxidant effect of sildenafil: Potential hepatoprotection via differential expression of mitochondrial proteins in apolipoprotein E knockout mice. <i>Pharmacological Reports</i> , 2019, 71, 422-429.	1.5	5

#	ARTICLE	IF	CITATIONS
6412	Phenolic Compounds. , 2019, , 33-50.		130
6413	Anogeissus leiocarpus attenuates paroxetine-induced erectile dysfunction in male rats via enhanced sexual behavior, nitric oxide level and antioxidant status. Biomedicine and Pharmacotherapy, 2019, 111, 1029-1035.	2.5	30
6414	Relationship between sperm DNA damage with sperm parameters, oxidative markers in teratozoospermic men. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2019, 233, 70-75.	0.5	14
6415	The effect of convective heating and microwave heating on antioxidant enzymes in pooled mature human milk. International Dairy Journal, 2019, 91, 41-47.	1.5	18
6416	Combined treatment with the phenolics (âˆ™)-epigallocatechin-3-gallate and ferulic acid improves cognition and reduces Alzheimer-like pathology in mice. Journal of Biological Chemistry, 2019, 294, 2714-5444.	1.6	78
6417	Lycopene solid lipid microparticles with enhanced effect on gingival crevicular fluid protein carbonyl as a biomarker of oxidative stress in patients with chronic periodontitis. Journal of Liposome Research, 2019, 29, 375-382.	1.5	19
6418	Extracts of Peels and Seeds of Five Varieties of Brazilian Jaboticaba Present High Capacity to Deactivate Reactive Species of Oxygen and Nitrogen. Plant Foods for Human Nutrition, 2019, 74, 135-140.	1.4	3
6419	The effects of crowding stress on the growth, physiological response, and gene expression of the Nrf2-Keap1 signaling pathway in blunt snout bream (Megalobrama amblycephala) reared under in-pond raceway conditions. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2019, 231, 19-29.	0.8	15
6420	CHEMICAL COMPOSITION, ANTIMICROBIAL, AND ANTIOXIDANT ACTIVITIES OF TWO MOROCCAN THYMUS ESSENTIAL OILS. Asian Journal of Pharmaceutical and Clinical Research, 2019, 12, 447.	0.3	6
6421	The controversial role of vitamin D as an antioxidant: results from randomised controlled trials. Nutrition Research Reviews, 2019, 32, 99-105.	2.1	61
6422	Construction of non-enzymatic sensor based on porous carbon matrix loaded with Pt and Co nanoparticles for real-time monitoring of cellular superoxide anions. Electrochimica Acta, 2019, 294, 304-311.	2.6	25
6423	An overview of organosulfur compounds from Allium spp.: From processing and preservation to evaluation of their bioavailability, antimicrobial, and anti-inflammatory properties. Food Chemistry, 2019, 276, 680-691.	4.2	184
6424	Investigation the antioxidant activity of benzo[g]triazoloquinazolines correlated with a DFT study. Saudi Pharmaceutical Journal, 2019, 27, 133-137.	1.2	22
6425	The antioxidant activity of artichoke (<sc><i>Cynara scolymus</i></sc>): A systematic review and metaâ€analysis of animal studies. Phytotherapy Research, 2019, 33, 55-71.	2.8	45
6426	Evaluating the protective mechanism of panax notoginseng saponins against oxidative stress damage by quantifying the biomechanical properties of single cell. Analytica Chimica Acta, 2019, 1048, 186-193.	2.6	23
6427	Maintained Properties of Aged Dental Pulp Stem Cells for Superior Periodontal Tissue Regeneration. , 2019, 10, 793.		42
6428	Hydration and Health. , 2019, , 299-319.		6
6429	Understanding Biochemical and Molecular Mechanism of Complications of Glycation and Its Management by Herbal Medicine. , 2019, , 331-366.		4

#	ARTICLE	IF	CITATIONS
6430	Delphinidin protects β 2m ⁺ /Thy1+ bone marrow-derived hepatocyte stem cells against TGF- β 1-induced oxidative stress and apoptosis through the PI3K/Akt pathway in vitro. <i>Chemico-Biological Interactions</i> , 2019, 297, 109-118.	1.7	13
6431	Effect of phenolic compounds and fatty acid contents of walnut seeds on streptozotocin-induced diabetes in rats. <i>Journal of Food Measurement and Characterization</i> , 2019, 13, 499-505.	1.6	4
6432	Sources of Vascular Nitric Oxide and Reactive Oxygen Species and Their Regulation. <i>Physiological Reviews</i> , 2019, 99, 311-379.	13.1	323
6433	Evidence of metabolic imbalance and oxidative stress among patients suffering from pressure ulcers. <i>Journal of Dermatological Treatment</i> , 2019, 30, 414-421.	1.1	9
6434	Plasma Haptoglobin Level can Augment NT-proBNP to Predict Poor Outcome in Patients with Severe Acute Decompensated Heart Failure. <i>Journal of Investigative Medicine</i> , 2019, 67, 20-27.	0.7	5
6435	Role of betaine in liver injury induced by the exposure to ionizing radiation. <i>Environmental Toxicology</i> , 2019, 34, 123-130.	2.1	29
6436	Human Spermatozoa and Interactions With Oxidative Stress. , 2019, , 45-53.		1
6437	Biomedical potential of chitosan-silver nanoparticles with special reference to antioxidant, antibacterial, hemolytic and in vivo cutaneous wound healing effects. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2019, 1863, 241-254.	1.1	99
6438	Determination of oxidative stress levels and some antioxidant enzyme activities in prostate cancer. <i>Aging Male</i> , 2019, 22, 198-206.	0.9	48
6439	Effects of trace mineral amount and source on aspects of oxidative metabolism and responses to intramammary lipopolysaccharide challenge in midlactation dairy cows. <i>Animal</i> , 2019, 13, 1000-1008.	1.3	7
6440	Flavonoid composition, cellular antioxidant activity and (myelo)peroxidase inhibition of a <i>Bryonia alba</i> L. (Cucurbitaceae) leaves extract. <i>Journal of Pharmacy and Pharmacology</i> , 2019, 71, 230-239.	1.2	17
6441	Neuregulin1 Attenuates H ₂ O ₂ -Induced Reductions in EAAC1 Protein Levels and Reduces H ₂ O ₂ -Induced Oxidative Stress. <i>Neurotoxicity Research</i> , 2019, 35, 401-409.	1.3	11
6442	Attenuation of hydrogen peroxide-induced oxidative stress in SH-SY5Y cells by three flavonoids from <i>Acer okamotoanum</i> . <i>Chemical Papers</i> , 2019, 73, 1135-1144.	1.0	11
6443	Inhibitory effects of polysaccharide from <i>Diaphragma juglandis fructus</i> on α -amylase and α -d-glucosidase activity, streptozotocin-induced hyperglycemia model, advanced glycation end-products formation, and H ₂ O ₂ -induced oxidative damage. <i>International Journal of Biological Macromolecules</i> , 2019, 124, 1080-1089.	3.6	39
6444	Study of the selenizing <i>Codonopsis pilosula</i> polysaccharides protects RAW264.7 cells from hydrogen peroxide-induced injury. <i>International Journal of Biological Macromolecules</i> , 2019, 125, 534-543.	3.6	46
6445	Combined actions of blueberry extract and lithium on neurochemical changes observed in an experimental model of mania: exploiting possible synergistic effects. <i>Metabolic Brain Disease</i> , 2019, 34, 605-619.	1.4	19
6446	Inhibitory effect of effective fraction of <i>Salvia officinalis</i> on aldose reductase activity: strategy to reduce complications of type 2 diabetes. <i>Oriental Pharmacy and Experimental Medicine</i> , 2019, 19, 211-216.	1.2	5
6447	Myo-inositol oxygenase accentuates renal tubular injury initiated by endoplasmic reticulum stress. <i>American Journal of Physiology - Renal Physiology</i> , 2019, 316, F301-F315.	1.3	12

#	ARTICLE	IF	CITATIONS
6448	Revisited Mechanism of Reaction between a Model Lysine Amino Acid Side Chain and 4-Hydroxynonenal in Different Solvent Environments. <i>Journal of Organic Chemistry</i> , 2019, 84, 526-535.	1.7	14
6449	A three-dimensional microfluidized liver system to assess hepatic drug metabolism and hepatotoxicity. <i>Biotechnology and Bioengineering</i> , 2019, 116, 1152-1163.	1.7	25
6450	Influence of nitrogen fertilization on yield and phenolic compounds in wheat grains (<i>Triticum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6	1.1	26
6451	Chemical features and bioactivities of cornflower (<i>Centaurea cyanus</i> L.) capitula: The blue flowers and the unexplored non-edible part. <i>Industrial Crops and Products</i> , 2019, 128, 496-503.	2.5	131
6452	Synthesis of cerium oxide nanoparticles loaded on chitosan for enhanced auto-catalytic regenerative ability and biocompatibility for the spinal cord injury repair. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2019, 191, 83-87.	1.7	46
6453	Chemicals and Drugs Forming Reactive Quinone and Quinone Imine Metabolites. <i>Chemical Research in Toxicology</i> , 2019, 32, 1-34.	1.7	68
6454	Xeroderma pigmentosum: overview of pharmacology and novel therapeutic strategies for neurological symptoms. <i>British Journal of Pharmacology</i> , 2019, 176, 4293-4301.	2.7	26
6455	Phytochemical characteristics of callus suspension culture of <i>Helicteres angustifolia</i> L. and its in vitro antioxidant, antidiabetic and immunomodulatory activities. <i>South African Journal of Botany</i> , 2019, 121, 178-185.	1.2	13
6456	Genotoxic effects of PM10 and PM2.5 bound metals: metal bioaccessibility, free radical generation, and role of iron. <i>Environmental Geochemistry and Health</i> , 2019, 41, 1163-1186.	1.8	14
6457	Theoretical and experimental analysis of the antioxidant features of substituted phenol and aniline model compounds. <i>Structural Chemistry</i> , 2019, 30, 23-35.	1.0	30
6458	Hepatoprotective effect of gastrodin against alcohol-induced liver injury in mice. <i>Journal of Physiology and Biochemistry</i> , 2019, 75, 29-37.	1.3	33
6459	Unexpected oxidation of nitrendipine. Properties of oxidized nitrendipine and its Cu(II) complex. <i>Journal of Molecular Structure</i> , 2019, 1177, 199-203.	1.8	2
6460	Comorbid conditions are a risk for osteonecrosis of the jaw unrelated to antiresorptive therapy. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2019, 127, 140-150.	0.2	7
6461	White Tea. , 2019, , 437-445.		3
6462	The excessive use of antioxidant therapy: A possible cause of male infertility?. <i>Andrologia</i> , 2019, 51, e13162.	1.0	115
6464	Protective effects of chebulic acid from <i>Terminalia chebula</i> Retz. against t-BHP-induced oxidative stress by modulations of Nrf2 and its related enzymes in HepG2 cells. <i>Food Science and Biotechnology</i> , 2019, 28, 555-562.	1.2	10
6465	Pathophysiological Mechanisms of Huntingtonâ€™s Disease. , 2019, , 49-60.		1
6466	Milk and Parkinson disease: Could galactose be the missing link. <i>Mediterranean Journal of Nutrition and Metabolism</i> , 2019, 12, 91-118.	0.2	3

#	ARTICLE	IF	CITATIONS
6467	Plasma Selenium and Cadmium Levels in Patients with Chronic Otitis Media in a Turkish Population and Their Relation to Inflammation Markers. <i>Biological Trace Element Research</i> , 2019, 189, 55-63.	1.9	7
6468	Long-term arsenite exposure induces testicular toxicity by redox imbalance, G2/M cell arrest and apoptosis in mice. <i>Toxicology</i> , 2019, 411, 122-132.	2.0	53
6469	Spinocerebellar ataxia: an update. <i>Journal of Neurology</i> , 2019, 266, 533-544.	1.8	180
6470	Protein kinase C Inhibitors selectively modulate dynamics of cell adhesion molecules and cell death in human colon cancer cells. <i>Cell Adhesion and Migration</i> , 2019, 13, 83-97.	1.1	7
6471	Protective effect of raisin (curren) against spatial memory impairment and oxidative stress in Alzheimer disease model. <i>Nutritional Neuroscience</i> , 2019, 22, 110-118.	1.5	19
6472	High Glucose Level Induces Cardiovascular Dysplasia During Early Embryo Development. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2019, 127, 590-597.	0.6	8
6473	Dexmedetomidine and Magnesium Sulfate: A Good Combination Treatment for Acute Lung Injury?. <i>Journal of Investigative Surgery</i> , 2019, 32, 331-342.	0.6	16
6474	Protective Role of Terminalia bellirica (Gaertn.) Roxb Fruits Against CCl4 Induced Oxidative Stress and Liver Injury in Rodent Model. <i>Indian Journal of Clinical Biochemistry</i> , 2019, 34, 155-163.	0.9	7
6475	Bioactive peptides from selected latin american food crops – A nutraceutical and molecular approach. <i>Critical Reviews in Food Science and Nutrition</i> , 2019, 59, 1949-1975.	5.4	50
6476	In vitro anti-inflammatory activity of terpenes via suppression of superoxide and nitric oxide generation and the NF- κ B signalling pathway. <i>Inflammopharmacology</i> , 2019, 27, 281-289.	1.9	60
6477	The antioxidant system in the soleus muscle of growing rats is stimulated by the administration of a low-protein/high-carbohydrate diet. <i>Archives of Physiology and Biochemistry</i> , 2019, 125, 276-283.	1.0	0
6478	Nephroprotective Potential of Alstonia scholaris in Cisplatin Induced Nephrotoxicity in Experimental Animals. <i>Proceedings of the National Academy of Sciences India Section B - Biological Sciences</i> , 2019, 89, 43-52.	0.4	0
6479	Antioxidative Effects of Piperine against Cadmium-Induced Oxidative Stress in Cultured Human Peripheral Blood Lymphocytes. <i>Journal of Dietary Supplements</i> , 2020, 17, 41-52.	1.4	21
6480	Pathophysiological and immunohistochemical analysis of pancreas after renal ischemia/reperfusion injury: protective role of melatonin*. <i>Archives of Physiology and Biochemistry</i> , 2020, 126, 264-275.	1.0	6
6481	Antioxidant coumarin and pyrone derivatives from the insect-associated fungus <i>Aspergillus Versicolor</i> . <i>Natural Product Research</i> , 2020, 34, 1360-1365.	1.0	16
6482	Oxidative stress: Normal pregnancy versus preeclampsia. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165354.	1.8	173
6483	Hydrothermal synthesis of pure and bio modified TiO ₂ : Characterization, evaluation of antibacterial activity against gram positive and gram negative bacteria and anticancer activity against KB Oral cancer cell line. <i>Arabian Journal of Chemistry</i> , 2020, 13, 3484-3497.	2.3	34
6484	Fish oil-rich lipid emulsion modulates neuroinflammation and prevents long-term cognitive dysfunction after sepsis. <i>Nutrition</i> , 2020, 70, 110417.	1.1	23

#	ARTICLE	IF	CITATIONS
6485	Circadian periodicity and effect of gender, age, diet and smoking on circulating plasma lipid peroxides and antioxidant enzymes in healthy Indians of different age groups. <i>Biological Rhythm Research</i> , 2020, 51, 794-808.	0.4	0
6486	Phytochemicals and inflammatory bowel disease: a review. <i>Critical Reviews in Food Science and Nutrition</i> , 2020, 60, 1321-1345.	5.4	79
6487	Sleep deprivation, oxidative stress and inflammation. <i>Advances in Protein Chemistry and Structural Biology</i> , 2020, 119, 309-336.	1.0	101
6488	Pathology and mechanisms of cochlear aging. <i>Journal of Neuroscience Research</i> , 2020, 98, 1674-1684.	1.3	127
6489	Melon By-Products: Biopotential in Human Health and Food Processing. <i>Food Reviews International</i> , 2020, 36, 15-38.	4.3	38
6490	Mitochondrial dynamics in exercise physiology. <i>Pflugers Archiv European Journal of Physiology</i> , 2020, 472, 137-153.	1.3	32
6491	Effect of omega-3 fatty acid plus vitamin E Co-Supplementation on oxidative stress parameters: A systematic review and meta-analysis. <i>Clinical Nutrition</i> , 2020, 39, 1019-1025.	2.3	42
6492	Glutathione Serum Levels and Rate of Multimorbidity Development in Older Adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, 1089-1094.	1.7	20
6493	Protective effect of oregano and sage essentials oils against the effect of extracellular H ₂ O ₂ and SNP in <i>Tetrahymena thermophila</i> and <i>Tetrahymena pyriformis</i> . <i>Journal of King Saud University - Science</i> , 2020, 32, 279-287.	1.6	10
6494	A review of dietary and microbial connections to depression, anxiety, and stress. <i>Nutritional Neuroscience</i> , 2020, 23, 237-250.	1.5	105
6495	Prenatal exposure to environmental insults and enhanced risk of developing Schizophrenia and Autism Spectrum Disorder: focus on biological pathways and epigenetic mechanisms. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 117, 253-278.	2.9	88
6496	Oxidative and nitrosative stress in the neurotoxicity of polybrominated diphenyl ether-153: possible mechanism and potential targeted intervention. <i>Chemosphere</i> , 2020, 238, 124602.	4.2	12
6497	Green and innovative technique develop for the determination of vanadium in different types of water and food samples by eutectic solvent extraction method. <i>Food Chemistry</i> , 2020, 306, 125638.	4.2	50
6498	A review on the druggability of a thiol-based enzymatic antioxidant thioredoxin reductase for treating filariasis and other parasitic infections. <i>International Journal of Biological Macromolecules</i> , 2020, 142, 125-141.	3.6	12
6499	Plant antioxidants, extraction strategies, and their application in meat. , 2020, , 241-264.		3
6500	Cadmium oxide nanoparticles: An attractive candidate for novel therapeutic approaches. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 585, 124017.	2.3	15
6501	Oxidative stress in hepatitis C virus and human immunodeficiency virus co-infected patients. <i>Annals of Hepatology</i> , 2020, 19, 92-98.	0.6	7
6502	Effects of treatment with gold nanoparticles in a model of acute pulmonary inflammation induced by lipopolysaccharide. <i>Journal of Biomedical Materials Research - Part A</i> , 2020, 108, 103-115.	2.1	29

#	ARTICLE	IF	CITATIONS
6503	Cadmium and nickel co-exposure exacerbates genotoxicity and not oxidative-inflammatory stress in liver and kidney of rats: Protective role of omega-3 fatty acid. <i>Environmental Toxicology</i> , 2020, 35, 231-241.	2.1	23
6504	Comparative study of the radical scavenging behavior of ascorbic acid, BHT, BHA and Trolox: Experimental and theoretical study. <i>Journal of Molecular Structure</i> , 2020, 1201, 127210.	1.8	80
6505	Hypochlorite fluorescence sensing by phenylboronic acid-alizarin adduct based carbon dots. <i>Talanta</i> , 2020, 208, 120447.	2.9	31
6506	Comparison of Different Extraction Methods for the Phenolic Compounds Recovery with the Antioxidant Activity of <i>Bougainvillea x buttiana</i> . <i>Current Analytical Chemistry</i> , 2020, 16, 778-787.	0.6	2
6507	Intranasal insulin treatment modulates the neurotropic, inflammatory, and oxidant mechanisms in the cortex and hippocampus in a low-grade inflammation model. <i>Peptides</i> , 2020, 123, 170175.	1.2	7
6508	Green synthesis of silver nanoparticles from <i>Allium cepa</i> and its in vitro antidiabetic activity. <i>Materials Today: Proceedings</i> , 2020, 22, 432-438.	0.9	70
6509	Chronic exposure to copper oxide nanoparticles causes muscle toxicity in adult zebrafish. <i>Environmental Science and Pollution Research</i> , 2020, 27, 27358-27369.	2.7	19
6510	Damage Control Resuscitation. , 2020, , .		8
6511	Nephroprotective Effect of <i>Moringa Oleifera</i> Seed Oil on Gentamicin-Induced Nephrotoxicity in Rats: Biochemical Evaluation of Antioxidant, Anti-inflammatory, and Antiapoptotic Pathways. <i>Journal of the American College of Nutrition</i> , 2020, 39, 307-315.	1.1	32
6512	Multiwalled carbon nanotubes /reduced graphene oxide nanocomposite electrode for electroanalytical determination of bisphenol A, 8-hydroxy-2'-deoxyguanosine and hydroquinone in urine. <i>International Journal of Environmental Analytical Chemistry</i> , 2020, 100, 774-788.	1.8	11
6513	Effects of Pristine C60 Fullerenes on Liver and Pancreas in \pm -Naphthylisothiocyanate-Induced Cholangitis. <i>Digestive Diseases and Sciences</i> , 2020, 65, 215-224.	1.1	9
6514	Lassitude: The emotion of being sick. <i>Evolution and Human Behavior</i> , 2020, 41, 44-57.	1.4	28
6515	Pharmacological activities of 4-methylene-8-hydroxybisabol-2,10-diene-9-one, a new compound isolated from <i>Ryudai gold</i> (<i>Curcuma longa</i>). <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2020, 393, 191-201.	1.4	3
6516	Mitochondrial ROS production during ischemia-reperfusion injury. , 2020, , 513-538.		4
6517	Antioxidant, hepatoprotective, genoprotective, and cytoprotective effects of quercetin in a murine model of arthritis. <i>Journal of Cellular Biochemistry</i> , 2020, 121, 2792-2801.	1.2	19
6518	Two antidepressants fluoxetine and sertraline cause growth retardation and oxidative stress in the marine rotifer <i>Brachionus koreanus</i> . <i>Aquatic Toxicology</i> , 2020, 218, 105337.	1.9	28
6519	Icariin protects human nucleus pulposus cells from hydrogen peroxide-induced mitochondria-mediated apoptosis by activating nuclear factor erythroid 2-related factor 2. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165575.	1.8	37
6520	Sesame Seed and Its Fractions for Improving Oxidative Stress in Adults: A Systematic Review and Meta-analysis of Controlled Clinical Trials. <i>Food Reviews International</i> , 2020, 36, 727-744.	4.3	6

#	ARTICLE	IF	CITATIONS
6521	The effect of mirabegron on bladder blood flow in a rat model of bladder outlet obstruction. World Journal of Urology, 2020, 38, 2021-2027.	1.2	6
6522	Free radicals and neonatal encephalopathy: mechanisms of injury, biomarkers, and antioxidant treatment perspectives. Pediatric Research, 2020, 87, 823-833.	1.1	31
6523	Influence of Extraction Variables on Free Radical Scavenging Potential of Nelumbo nucifera Seed Kernel: Optimization by Response Surface Methodology. Journal of Pharmaceutical Innovation, 2020, 15, 627-640.	1.1	3
6524	Cytotoxic effects of thioxanthone derivatives as photoinitiators on isolated rat hepatocytes. Journal of Applied Toxicology, 2020, 40, 234-244.	1.4	1
6525	Hydroxycinnamic acids and human health: recent advances. Journal of the Science of Food and Agriculture, 2020, 100, 483-499.	1.7	96
6526	Adverse effect of cylindrospermopsin on embryonic development in zebrafish (Danio rerio). Chemosphere, 2020, 241, 125060.	4.2	21
6527	Preparation, characterization and antioxidant activity evaluation in vitro of Fritillaria ussuriensis polysaccharide-zinc complex. International Journal of Biological Macromolecules, 2020, 146, 462-474.	3.6	31
6528	Reactive oxygen/nitrogen species (ROS/RNS) and oxidative stress in arthroplasty. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2020, 108, 2073-2087.	1.6	42
6529	Characterization of phenolic compounds in two novel lines of Pisum sativum L. along with their in vitro antioxidant potential. Environmental Science and Pollution Research, 2020, 27, 7639-7646.	2.7	10
6530	Evaluation of antioxidant capacity and immunomodulatory effects of cottonseed meal protein hydrolysate and its derivative peptides for hepatocytes of blunt snout bream (Megalobrama) Tj ETQq1 1 0.784314 1gBT /Overlock 10		
6531	Recent Progress in Autocatalytic Ceria Nanoparticles-Based Translational Research on Brain Diseases. ACS Applied Nano Materials, 2020, 3, 1043-1062.	2.4	27
6532	Protein encapsulation: a new approach for improving the capability of small-molecule fluorogenic probes. Chemical Science, 2020, 11, 1107-1113.	3.7	49
6533	Effects of Different Doses of Excessive Iron in Diets on Oxidative Stress in Immune Organs of Sheep. Biological Trace Element Research, 2020, 197, 475-486.	1.9	5
6534	Foot web pentosidine does not covary strongly with age in four species of wild seabirds. Experimental Gerontology, 2020, 132, 110833.	1.2	0
6535	Efficacy of single and multiple doses of fenbendazole against gill parasites (<i>Dactylogyrus</i> sp.) of <i>Labeo rohita</i> (Hamilton, 1822) and its physioâ€œmetabolic effects on the fish. Aquaculture Research, 2020, 51, 1190-1199.	0.9	9
6536	Preliminary evaluation of irradiated medium and the optimization of conditions for a catalase produced by Bacillus firmus GL3. Journal of Food Measurement and Characterization, 2020, 14, 1073-1084.	1.6	1
6537	A novel method for simultaneously screening superoxide anion scavengers and xanthine oxidase inhibitors using hydroethidine as a fluorescent probe coupled with high-performance liquid chromatography-mass spectrometry. Analytical Methods, 2020, 12, 255-263.	1.3	10
6538	FSGHF3 and peptides, prepared from fish skin gelatin, exert a protective effect on DSS-induced colitis <i>via</i> the Nrf2 pathway. Food and Function, 2020, 11, 414-423.	2.1	37

#	ARTICLE	IF	CITATIONS
6539	The role of metal ion binding in the antioxidant mechanisms of reduced and oxidized glutathione in metal-mediated oxidative DNA damage. <i>Metallomics</i> , 2020, 12, 79-91.	1.0	18
6540	Aggregation-induced emission luminogens for RONS sensing. <i>Journal of Materials Chemistry B</i> , 2020, 8, 3357-3370.	2.9	26
6541	Effect of fullerene nanoparticles on oxidative stress induced by paraquat in honey bees. <i>Environmental Science and Pollution Research</i> , 2020, 27, 6603-6612.	2.7	10
6542	Modulation of antioxidant gene expressions by Roundup® exposure in the decapod <i>Macrobrachium potiana</i> . <i>Ecotoxicology and Environmental Safety</i> , 2020, 190, 110086.	2.9	13
6543	Dietary glutathione supplementation enhances antioxidant activity and protects against lipopolysaccharide-induced acute hepatopancreatic injury and cell apoptosis in Chinese mitten crab, <i>Eriocheir sinensis</i> . <i>Fish and Shellfish Immunology</i> , 2020, 97, 440-454.	1.6	21
6544	Activity-Based Sensing for Site-Specific Proteomic Analysis of Cysteine Oxidation. <i>Accounts of Chemical Research</i> , 2020, 53, 20-31.	7.6	89
6545	Establishing mechanisms affecting the individual response to ionizing radiation. <i>International Journal of Radiation Biology</i> , 2020, 96, 297-323.	1.0	34
6546	Tolerance of Novel Toxins through Generalized Mechanisms: Simulating Gradual Host Shifts of Butterflies. <i>American Naturalist</i> , 2020, 195, 485-503.	1.0	6
6547	Regulation of T Cell Function by Reactive Nitrogen and Oxygen Species in Collagen-Induced Arthritis. <i>Antioxidants and Redox Signaling</i> , 2020, 32, 161-172.	2.5	13
6548	Abilities of protocatechuic acid and its alkyl esters, ethyl and heptyl protocatechuates, to counteract UVB-induced oxidative injuries and photoaging in fibroblasts L929 cell line. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020, 203, 111771.	1.7	30
6549	Antioxidants and Nanotechnology: Promises and Limits of Potentially Disruptive Approaches in the Treatment of Central Nervous System Diseases. <i>Advanced Healthcare Materials</i> , 2020, 9, e1901589.	3.9	50
6550	Molecular Self-Assembly of Bioorthogonal Aptamer-Prodrug Conjugate Micelles for Hydrogen Peroxide and pH-Independent Cancer Chemodynamic Therapy. <i>Journal of the American Chemical Society</i> , 2020, 142, 937-944.	6.6	165
6551	Brain targeting stealth lipomers of combined antiepileptic-anti-inflammatory drugs as alternative therapy for conventional anti-Parkinson™s. <i>Saudi Pharmaceutical Journal</i> , 2020, 28, 33-57.	1.2	5
6552	Effect of zinc on growth performance and cellular metabolic stress of fish exposed to multiple stresses. <i>Fish Physiology and Biochemistry</i> , 2020, 46, 315-329.	0.9	26
6553	Preparation of chondroitin sulfates with different molecular weights from bovine nasal cartilage and their antioxidant activities. <i>International Journal of Biological Macromolecules</i> , 2020, 152, 1047-1055.	3.6	33
6554	Silica nanoparticles induce caspase-dependent apoptosis through reactive oxygen species-activated endoplasmic reticulum stress pathway in neuronal cells. <i>Toxicology in Vitro</i> , 2020, 63, 104739.	1.1	24
6555	Ginsenoside Rg1 protects mice against streptozotocin-induced type 1 diabetic by modulating the NLRP3 and Keap1/Nrf2/HO-1 pathways. <i>European Journal of Pharmacology</i> , 2020, 866, 172801.	1.7	45
6556	Protective effect of hypoglycemic granule against diabetes-induced liver injury by alleviating glycolipid metabolic disorder and oxidative stress. <i>Journal of Cellular Biochemistry</i> , 2020, 121, 3221-3234.	1.2	6

#	ARTICLE	IF	CITATIONS
6557	Hemorheology and oxidative stress in patients with differentiated thyroid cancer following I-131 ablation/metastasis treatment. <i>Clinical Hemorheology and Microcirculation</i> , 2020, 74, 209-221.	0.9	5
6558	Preparation and in vitro antioxidant activity of some novel flavone analogues bearing piperazine moiety. <i>Bioorganic Chemistry</i> , 2020, 95, 103513.	2.0	10
6559	Involvement of oxidative stress and mitochondrial mechanisms in air pollution-related neurobiological impairments. <i>Neurobiology of Stress</i> , 2020, 12, 100205.	1.9	35
6560	Biomedical applications and toxicities of carbon nanotubes. <i>Drug and Chemical Toxicology</i> , 2022, 45, 435-450.	1.2	74
6561	Kolaviron via anti-inflammatory and redox regulatory mechanisms abates multi-walled carbon nanotubes-induced neurobehavioral deficits in rats. <i>Psychopharmacology</i> , 2020, 237, 1027-1040.	1.5	13
6562	Integration of transcriptomics and metabolomics profiling reveals the metabolic pathways affected in dictamnine-induced hepatotoxicity in mice. <i>Journal of Proteomics</i> , 2020, 213, 103603.	1.2	9
6563	Keap1/Nrf2/HO-1 signaling pathway contributes to p-chlorodiphenyl diselenide antidepressant-like action in diabetic mice. <i>Psychopharmacology</i> , 2020, 237, 363-374.	1.5	16
6564	Marine bacterial surfactin CS30-2 induced necrosis-like cell death in Huh7.5 liver cancer cells. <i>Journal of Oceanology and Limnology</i> , 2020, 38, 826-833.	0.6	3
6565	Mechanistic Study of Catalase- and Superoxide Dismutation-Mimic Activities of Cobalt Oxide Nanozyme from First-Principles Microkinetic Modeling. <i>Catalysis Surveys From Asia</i> , 2020, 24, 70-85.	1.0	17
6566	Modulating neuroinflammation and oxidative stress to prevent epilepsy and improve outcomes after traumatic brain injury. <i>Neuropharmacology</i> , 2020, 172, 107907.	2.0	82
6567	Carbon Monoxide Inhibits T Cell Proliferation by Suppressing Reactive Oxygen Species Signaling. <i>Antioxidants and Redox Signaling</i> , 2020, 32, 429-446.	2.5	8
6568	Blood pressure lowering effect and vascular activity of Phyllanthus niruri extract: The role of NO/cGMP signaling pathway and I ² -adrenoceptor mediated relaxation of isolated aortic rings. <i>Journal of Ethnopharmacology</i> , 2020, 250, 112461.	2.0	8
6569	A colorimetric and ratiometric fluorescent probe with Meldrum's acid as the recognition group for in vitro and in vivo imaging of hypochlorite. <i>Dyes and Pigments</i> , 2020, 175, 108144.	2.0	16
6570	Thiosemicarbazone ligand, nickel(II) and ruthenium(II) complexes based on vitamin B6 vitamer: The synthesis, different coordination behaviors and antioxidant activities. <i>Inorganica Chimica Acta</i> , 2020, 502, 119335.	1.2	10
6571	Protective Effect of Epigallocatechin Gallate in Ischemia-Reperfusion Injury of Rat Skeletal Muscle. <i>Journal of Surgical Research</i> , 2020, 247, 1-7.	0.8	6
6572	A Regulatory Cysteine Residue Mediates Reversible Inactivation of NAD ⁺ -Dependent Aldehyde Dehydrogenases to Promote Oxidative Stress Response. <i>ACS Chemical Biology</i> , 2020, 15, 28-32.	1.6	4
6573	Protective effect of Nelumbo nucifera (Gaertn.) against H ₂ O ₂ -induced oxidative stress on H9c2 cardiomyocytes. <i>Molecular Biology Reports</i> , 2020, 47, 1117-1128.	1.0	8
6574	Real-Time Monitoring of Pharmacokinetics of Mitochondria-Targeting Molecules in Live Cells with Bioorthogonal Hyperspectral Stimulated Raman Scattering Microscopy. <i>Analytical Chemistry</i> , 2020, 92, 740-748.	3.2	25

#	ARTICLE	IF	CITATIONS
6575	Multicomponent Reactions-Based Modified/Functionalized Materials in the Biomedical Platforms. <i>ACS Applied Bio Materials</i> , 2020, 3, 156-174.	2.3	49
6576	Effect of heat stress on superoxide anion production in native and crossbred cattle under in vitro whole blood culture model. <i>Journal of Thermal Biology</i> , 2020, 87, 102457.	1.1	5
6577	Carbamazepine, cadmium chloride and polybrominated diphenyl ether-47, synergistically modulate the expression of antioxidants and cell cycle biomarkers, in the marine fish cell line SAF-1. <i>Marine Environmental Research</i> , 2020, 154, 104844.	1.1	7
6578	Modulation of cell signaling pathways by <i>Phyllanthus amarus</i> and its major constituents: potential role in the prevention and treatment of inflammation and cancer. <i>Inflammopharmacology</i> , 2020, 28, 1-18.	1.9	36
6579	Effects of spinetoram on the developmental toxicity and immunotoxicity of zebrafish. <i>Fish and Shellfish Immunology</i> , 2020, 96, 114-121.	1.6	47
6580	Improvement in endothelial function in cardiovascular disease - Is arginase the target?. <i>International Journal of Cardiology</i> , 2020, 301, 207-214.	0.8	37
6581	<i>Blackstonia perfoliata</i> (L.) Huds. (Gentianaceae): A promising source of useful bioactive compounds. <i>Industrial Crops and Products</i> , 2020, 145, 111974.	2.5	2
6582	Hawthorn (<i>Crataegus monogyna</i>) Phenolic Extract Modulates Lymphocyte Subsets and Humoral Immune Response in Mice. <i>Planta Medica</i> , 2020, 86, 160-168.	0.7	12
6583	Neuroprotective Effects of Apocynin and Galantamine During the Chronic Administration of Scopolamine in an Alzheimer's Disease Model. <i>Journal of Molecular Neuroscience</i> , 2020, 70, 180-193.	1.1	21
6584	The effect of cocoa consumption on markers of oxidative stress: A systematic review and meta-analysis of interventional studies. <i>Complementary Therapies in Medicine</i> , 2020, 48, 102240.	1.3	10
6585	Optimization of processing parameters for the preparation of clove (<i>Syzygium aromaticum</i>) hydroalcoholic extract: A response surface methodology approach to characterize the biofunctional performance. <i>Journal of Applied Research on Medicinal and Aromatic Plants</i> , 2020, 16, 100236.	0.9	10
6586	Dietary Polyphenols and Gene Expression in Molecular Pathways Associated with Type 2 Diabetes Mellitus: A Review. <i>International Journal of Molecular Sciences</i> , 2020, 21, 140.	1.8	99
6587	Protective Role of Hydrogen Gas on Oxidative Damage and Apoptosis in Intestinal Porcine Epithelial Cells (IPEC-J2) Induced by Deoxynivalenol: A Preliminary Study. <i>Toxins</i> , 2020, 12, 5.	1.5	9
6588	Casticin Attenuates Osteoarthritis-Related Cartilage Degeneration by Inhibiting the ROS-Mediated NF- κ B Signaling Pathway in vitro and in vivo. <i>Inflammation</i> , 2020, 43, 810-820.	1.7	20
6589	Prognostic Value of Serum Uric Acid in Hospitalized Heart Failure Patients With Preserved Ejection Fraction (from the Japanese Nationwide Multicenter Registry). <i>American Journal of Cardiology</i> , 2020, 125, 772-776.	0.7	9
6590	Angiotensin II Decreases Endothelial Nitric Oxide Synthase Phosphorylation via AT1R Nox/ROS/PP2A Pathway. <i>Frontiers in Physiology</i> , 2020, 11, 566410.	1.3	41
6591	Identification and Accumulation of Phenolic Compounds in the Leaves and Bark of <i>Salix alba</i> (L.) and Their Biological Potential. <i>Biomolecules</i> , 2020, 10, 1391.	1.8	36
6592	GuttaFlow [®] Bioseal Cytotoxicity Assessment: In Vitro Study. <i>Molecules</i> , 2020, 25, 4297.	1.7	6

#	ARTICLE	IF	CITATIONS
6593	Traumatic Brain Injury: Oxidative Stress and Novel Anti-Oxidants Such as Mitoquinone and Edaravone. Antioxidants, 2020, 9, 943.	2.2	67
6594	Molecular Characterization, Protein-Protein Interaction Network, and Evolution of Four Glutathione Peroxidases from <i>Tetrahymena thermophila</i> . Antioxidants, 2020, 9, 949.	2.2	13
6595	Liquid chromatography as candidate reference method for the determination of vitamins A and E in human serum. Journal of Clinical Laboratory Analysis, 2020, 34, e23528.	0.9	5
6596	Beetroot supplemented diet exhibit anti-amnesic effect via modulation of cholinesterases, purinergic enzymes, monoamine oxidase and attenuation of redox imbalance in the brain of scopolamine treated male rats. Nutritional Neuroscience, 2022, 25, 1011-1025.	1.5	17
6597	Purification, structural analysis, and stability of antioxidant peptides from purple wheat bran. BMC Chemistry, 2020, 14, 58.	1.6	18
6598	Healthful aging mediated by inhibition of oxidative stress. Ageing Research Reviews, 2020, 64, 101194.	5.0	118
6599	Chemical structure and antioxidant activity of a polysaccharide from <i>Siraitia grosvenorii</i> . International Journal of Biological Macromolecules, 2020, 165, 1900-1910.	3.6	36
6600	New synthesized polyoxygenated diarylheptanoids suppress lipopolysaccharide-induced neuroinflammation. Biochemical and Biophysical Research Communications, 2020, 529, 1117-1123.	1.0	8
6601	Chronic NaHS treatment improves spatial and passive avoidance learning and memory and anxiety-like behavior and decreases oxidative stress in rats fed with a high-fat diet. Brain Research Bulletin, 2020, 164, 380-391.	1.4	14
6602	Redox-sensitive nanoscale drug delivery systems for cancer treatment. International Journal of Pharmaceutics, 2020, 589, 119882.	2.6	65
6603	On-chip real-time detection and quantification of reactive oxygen species in MCF-7 cells through an in-house built fluorescence microscope. Microelectronic Engineering, 2020, 233, 111432.	1.1	7
6604	Hepatic oxidative stress, up-regulation of pro-inflammatory cytokines, apoptotic and oncogenic markers following 2-methoxyethanol administrations in rats. Biochemistry and Biophysics Reports, 2020, 24, 100806.	0.7	11
6605	Low doses of the neonicotinoid insecticide imidacloprid induce ROS triggering neurological and metabolic impairments in <i>Drosophila</i> . Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 25840-25850.	3.3	85
6606	The influence of in vitro gastrointestinal digestion on the <i>Perilla frutescens</i> leaf extract: Changes in the active compounds and bioactivities. Journal of Food Biochemistry, 2020, 44, e13530.	1.2	14
6607	Influence of salinity on population growth, oxidative stress and antioxidant defense system in the marine monogonont rotifer <i>Brachionus plicatilis</i> . Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2020, 250, 110487.	0.7	11
6608	Effects of methanolic leaf extract of <i>Pterocarpus santalinoides</i> on the recovery from gentamicin-induced nephrotoxicity in albino rats. Comparative Clinical Pathology, 2020, 29, 1209-1217.	0.3	1
6609	Rapid and facile synthesis of graphene quantum dots with high antioxidant activity. Inorganic Chemistry Communication, 2020, 122, 108288.	1.8	7
6610	P2X7 receptor deletion attenuates oxidative stress and liver damage in sepsis. Purinergic Signalling, 2020, 16, 561-572.	1.1	17

#	ARTICLE	IF	CITATIONS
6611	Diapolycopenedioic-acid-diglucosyl ester and keto-myxocoxanthin glucoside ester: Novel carotenoids derived from <i>Exiguobacterium acetylicum</i> S01 and evaluation of their anticancer and anti-inflammatory activities. <i>Bioorganic Chemistry</i> , 2020, 103, 104149.	2.0	17
6612	Preparation, characterization, antioxidant activity and protective effect against cellular oxidative stress of phosphorylated polysaccharide from <i>Cyclocarya paliurus</i> . <i>Food and Chemical Toxicology</i> , 2020, 145, 111754.	1.8	49
6613	Identification of Six Flavonoids as Novel Cellular Antioxidants and Their Structure-Activity Relationship. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-12.	1.9	38
6614	The Role of BRG1 in Antioxidant and Redox Signaling. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-12.	1.9	13
6615	Activatable Off-on Near-Infrared QCy7-based Fluorogenic Probes for Bioimaging. <i>Chemistry - an Asian Journal</i> , 2020, 15, 3983-3994.	1.7	11
6616	Phillyrin Mitigates Apoptosis and Oxidative Stress in Hydrogen Peroxide-Treated RPE Cells through Activation of the Nrf2 Signaling Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-16.	1.9	26
6617	Rosemary extract reverses oxidative stress through activation of Nrf2 signaling pathway in hamsters fed on high fat diet and HepG2 cells. <i>Journal of Functional Foods</i> , 2020, 74, 104136.	1.6	9
6618	Antioxidant vitamin intakes and risk of depression, anxiety and stress among female adolescents. <i>Clinical Nutrition ESPEN</i> , 2020, 40, 257-262.	0.5	12
6619	HISTOPATHOLOGICAL STUDY OF THE PROTECTIVE EFFECT OF SPIRULINA PLATENSIS ON FETAL LIVER OF MICE WITH ACUTE FATTY LIVER OF PREGNANCY. <i>Asian Journal of Pharmaceutical and Clinical Research</i> , 0, , 201-207.	0.3	0
6620	It takes two to tango: coupling of Hippo pathway and redox signaling in biological process. <i>Cell Cycle</i> , 2020, 19, 2760-2775.	1.3	12
6621	Dual active 1, 4-dihydropyridine derivatives: Design, green synthesis and in vitro anti-cancer and anti-oxidant studies. <i>Bioorganic Chemistry</i> , 2020, 105, 104379.	2.0	34
6622	Isolation, purification, characterization, and immunomodulatory effects of polysaccharide from <i>Auricularia auricula</i> on RAW264.7 macrophages. <i>Journal of Food Biochemistry</i> , 2020, 44, e13516.	1.2	21
6623	Long-Term Exposure to Inorganic Mercury Leads to Oxidative Stress in Peripheral Blood of Adult Rats. <i>Biological Trace Element Research</i> , 2021, 199, 2992-3000.	1.9	7
6624	Oxidative stress and mitochondrial dysfunction in early-onset and late-onset preeclampsia. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165961.	1.8	82
6625	Rational design and biological evaluation of a new class of thiazolopyridyl tetrahydroacridines as cholinesterase and GSK-3 dual inhibitors for Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , 2020, 207, 112751.	2.6	15
6626	Composition and potential health effects of dark-colored underutilized Brazilian fruits – A review. <i>Food Research International</i> , 2020, 137, 109744.	2.9	30
6627	Nanotoxicity: a challenge for future medicine. <i>Turkish Journal of Medical Sciences</i> , 2020, 50, 1180-1196.	0.4	57
6628	HPLC-UV characterization, anticholinesterase, and free radical-scavenging activities of <i>Rosa moschata</i> Herm. leaves and fruits methanolic extracts. <i>Revista Brasileira De Botanica</i> , 2020, 43, 523-530.	0.5	12

#	ARTICLE	IF	CITATIONS
6629	Rosmarinic acid attenuates chromium-induced hepatic and renal oxidative damage and DNA damage in rats. <i>Journal of Biochemical and Molecular Toxicology</i> , 2020, 34, e22579.	1.4	33
6630	Total phenolic contents and antioxidant activity of <i>Senna singueana</i> , <i>Melia azedarach</i> , <i>Moringa oleifera</i> and <i>Lannea discolor</i> herbal plants. <i>Scientific African</i> , 2020, 9, e00481.	0.7	22
6631	The Pentose Phosphate Pathway Dynamics in Cancer and Its Dependency on Intracellular pH. <i>Metabolites</i> , 2020, 10, 285.	1.3	68
6632	Îlemene inhibits 7,12-dimethylbenz(a)anthracene/12-tetradecanoylphorbol-13-acetate-induced skin tumorigenesis through suppression of NF-ÎB-associated signaling events in the mouse skin model. <i>Journal of Biochemical and Molecular Toxicology</i> , 2020, 34, e22550.	1.4	7
6633	Antioxidant Functionalized Nanoparticles: A Combat against Oxidative Stress. <i>Nanomaterials</i> , 2020, 10, 1334.	1.9	106
6634	Wild Medicinal Mushrooms: Potential Applications in Phytomedicine and Functional Foods. , 2020, , .		9
6635	Role of C-H bond in the antioxidant activities of rooperol and its derivatives: A DFT study. <i>Phytochemistry</i> , 2020, 178, 112454.	1.4	8
6636	Human amnion mesenchymal stem cells restore spermatogenesis in mice with busulfan-induced testis toxicity by inhibiting apoptosis and oxidative stress. <i>Stem Cell Research and Therapy</i> , 2020, 11, 290.	2.4	32
6637	Anticancer and apoptotic activities of parthenolide in combination with epirubicin in mda-mb-468 breast cancer cells. <i>Molecular Biology Reports</i> , 2020, 47, 5807-5815.	1.0	17
6638	Antioxidant potential of <i>Carica papaya</i> Linn (Caricaceae) leaf extract in mice with cyclophosphamide induced oxidative stress. <i>Scientia Medica</i> , 2020, 30, e34702.	0.1	2
6639	Association between High On-Aspirin Platelet Reactivity and Reduced Superoxide Dismutase Activity in Patients Affected by Type 2 Diabetes Mellitus or Primary Hypercholesterolemia. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4983.	1.8	10
6640	The effects of vaping electronic cigarettes on periodontitis. <i>Australian Dental Journal</i> , 2020, 65, 143-149.	0.6	13
6641	<i>Centella asiatica</i> alleviates diabetes-induced changes in fatty acid profile and oxidative damage in rat testis. <i>Andrologia</i> , 2020, 52, e13751.	1.0	1
6642	Oral treatment with the Chinese herbal supplements B307 enhances muscle endurance of ICR mice after exhaustive swimming via suppressing fatigue, oxidative stress, and inflammation. <i>Food Science and Nutrition</i> , 2020, 8, 3682-3691.	1.5	4
6643	In vivo immunotoxicity of Gd ₂ O ₃ :Eu ³⁺ nanoparticles and the associated molecular mechanism. <i>Journal of Biochemical and Molecular Toxicology</i> , 2020, 34, e22562.	1.4	4
6644	Increased Oxidative Stress Underlies Abnormal Pain Threshold in a Normoglycemic Japanese Population. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8306.	1.8	3
6645	Surfactin from <i>Bacillus subtilis</i> induces apoptosis in human oral squamous cell carcinoma through ROS-regulated mitochondrial pathway. <i>Journal of Cancer</i> , 2020, 11, 7253-7263.	1.2	25
6646	Not All Stressors Are Equal: Mechanism of Stressors on RPE Cell Degeneration. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 591067.	1.8	29

#	ARTICLE	IF	CITATIONS
6647	Bioactive Compounds of Edible Fruits with Their Anti-Aging Properties: A Comprehensive Review to Prolong Human Life. <i>Antioxidants</i> , 2020, 9, 1123.	2.2	106
6648	The effect of solvent polarity on the antioxidant potential of echinatin, a retrochalcone, towards various ROS: a DFT thermodynamic study. <i>Free Radical Research</i> , 2020, 54, 777-786.	1.5	17
6649	Teucrium leucocladum: An Effective Tool for the Treatment of Hyperglycemia, Hyperlipidemia, and Oxidative Stress in Streptozotocin-Induced Diabetic Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020, 2020, 1-8.	0.5	7
6650	Oxidative Stress Orchestrates MAPK and Nitric-Oxide Synthase Signal. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8750.	1.8	38
6651	Redox Potential of Antioxidants in Cancer Progression and Prevention. <i>Antioxidants</i> , 2020, 9, 1156.	2.2	72
6652	Heavy metals concentration, and antioxidant activity of the essential oil of the wild mint (<i>Mentha</i>) Tj ETQq1 1 0.784314 rgBT /Ove 1-11.	1.7	11
6653	Oleuropein Aglycone Peracetylated (3,4-DHPEA-EA(P)) Attenuates H ₂ O ₂ -Mediated Cytotoxicity in C2C12 Myocytes via Inactivation of p-JNK/p-c-Jun Signaling Pathway. <i>Molecules</i> , 2020, 25, 5472.	1.7	3
6654	Ellagic acid alleviates clozapine-induced oxidative stress and mitochondrial dysfunction in cardiomyocytes. <i>Drug and Chemical Toxicology</i> , 2022, 45, 1625-1633.	1.2	15
6655	Intestinal Health and Threonine Requirement of Growing Pigs Fed Diets Containing High Dietary Fibre and Fermentable Protein. <i>Animals</i> , 2020, 10, 2055.	1.0	6
6656	The Role of Oxidative Stress and Its Counteractive Utility in Colorectal Cancer (CRC). <i>Cancers</i> , 2020, 12, 3336.	1.7	96
6657	Coenzyme Q10: Novel Formulations and Medical Trends. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8432.	1.8	39
6658	Fructooligosaccharides synthesized by fructosyltransferase from an indigenous coprophilous <i>Aspergillus niger</i> strain XOBP48 exhibits antioxidant activity. <i>Bioactive Carbohydrates and Dietary Fibre</i> , 2020, 24, 100238.	1.5	3
6659	Bidirectional regulation of i-type lysozyme on cutaneous wound healing. <i>Biomedicine and Pharmacotherapy</i> , 2020, 131, 110700.	2.5	9
6660	Effects of Fluoride Exposure on Primary Human Melanocytes from Dark and Light Skin. <i>Toxics</i> , 2020, 8, 114.	1.6	5
6661	<p>Reactive Oxygen Species: Drivers of Physiological and Pathological Processes</p>. <i>Journal of Inflammation Research</i> , 2020, Volume 13, 1057-1073.	1.6	333
6662	Agro-Morphological and Biochemical Characterization of Wild <i>Prunus spinosa</i> L. Subsp. <i>dasyphylla</i> (Schur) Domin Genotypes Naturally Grown in Western Black Sea Region of Turkey. <i>Agronomy</i> , 2020, 10, 1748.	1.3	2
6663	Biological Effects of Scattered Versus Scanned Proton Beams on Normal Tissues in Total Body Irradiated Mice: Survival, Genotoxicity, Oxidative Stress and Inflammation. <i>Antioxidants</i> , 2020, 9, 1170.	2.2	4
6664	The significant role of redox system in myeloid leukemia: from pathogenesis to therapeutic applications. <i>Biomarker Research</i> , 2020, 8, 63.	2.8	21

#	ARTICLE	IF	CITATIONS
6665	L-Arginine/Nitric Oxide Pathway and KCa Channels in Endothelial Cells: A Mini-Review. , 0, , .		3
6666	Synthetic analogues of memantine as neuroprotective and influenza viral inhibitors: in vitro and physicochemical studies. <i>Amino Acids</i> , 2020, 52, 1559-1580.	1.2	8
6667	Measuring Oxidants and Oxidative Stress in Biological Systems. <i>Biological Magnetic Resonance</i> , 2020, , .	0.4	5
6668	Iron chelators in cancer therapy. <i>BioMetals</i> , 2020, 33, 201-215.	1.8	25
6669	Does coenzyme Q10 supplementation improve fertility outcomes in women undergoing assisted reproductive technology procedures? A systematic review and meta-analysis of randomized-controlled trials. <i>Journal of Assisted Reproduction and Genetics</i> , 2020, 37, 2377-2387.	1.2	24
6670	Recommended resources for oxidative stress and dietary antioxidants in neurological diseases. , 2020, , 393-397.		5
6671	Phytochemical investigation and antioxidant activities of methanol extract, methanol fractions and essential oil of <i>Dillenia suffruticosa</i> leaves. <i>Arabian Journal of Chemistry</i> , 2020, 13, 7170-7182.	2.3	14
6672	Nitric oxide plays a crucial role in midgut immunity under microsporidian infection in <i>Antheraea pernyi</i> . <i>Molecular Immunology</i> , 2020, 126, 65-72.	1.0	12
6673	Differences in serum markers of oxidative stress in well controlled and poorly controlled asthma in Sri Lankan children: a pilot study. <i>Allergy, Asthma and Clinical Immunology</i> , 2020, 16, 66.	0.9	7
6674	Role of Oxidative Stress and Antioxidant Defense Biomarkers in Neurodegenerative Diseases. <i>Critical Reviews in Eukaryotic Gene Expression</i> , 2020, 30, 311-322.	0.4	31
6675	Cold pressed amaranth (<i>Amaranthus tricolor</i>) oil. , 2020, , 113-127.		4
6676	Associations between childhood and adolescence exposure to air pollution and adult height in polish women. <i>Environmental Research</i> , 2020, 189, 109965.	3.7	3
6677	HPLC-DAD analysis of <i>Hyssopus Cuspidatus</i> Boriss extract and mensuration of its antioxygenation property. <i>BMC Complementary Medicine and Therapies</i> , 2020, 20, 228.	1.2	10
6678	Noble metal alloy nanoparticles coated flexible MoS2 paper for the determination of reactive oxygen species. <i>Biosensors and Bioelectronics</i> , 2020, 166, 112463.	5.3	21
6679	In vitro effects of glutathione on Transforming Growth Factor beta and Epidermal Growth Factor Receptor genes expression in the protoscolecetes and strobilated worms of <i>Echinococcus granulosus</i> . <i>Gene Reports</i> , 2020, 20, 100786.	0.4	0
6680	Antioxidant properties of silver nanoparticles biosynthesized from methanolic leaf extract of <i>Blighia sapida</i> . <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 805, 012004.	0.3	26
6681	<i>Caenorhabditis elegans</i> as a Model Organism to Evaluate the Antioxidant Effects of Phytochemicals. <i>Molecules</i> , 2020, 25, 3194.	1.7	34
6682	Hydrogen-bubbled platinum-colloid suppresses human esophagus- or tongue-carcinoma cells with intracellular platinum-uptake and the diminished normal-cell mortality. <i>Human Cell</i> , 2020, 33, 1294-1301.	1.2	5

#	ARTICLE	IF	CITATIONS
6683	Stoichiometric quantification of the thiol redox proteome of macrophages reveals subcellular compartmentalization and susceptibility to oxidative perturbations. <i>Redox Biology</i> , 2020, 36, 101649.	3.9	34
6684	Women with polycystic ovary syndrome and other causes of infertility have a higher prevalence of CSTT1 deletion. <i>Reproductive BioMedicine Online</i> , 2020, 41, 892-901.	1.1	7
6685	p53 isoform \hat{p}^{113} p53 promotes zebrafish heart regeneration by maintaining redox homeostasis. <i>Cell Death and Disease</i> , 2020, 11, 568.	2.7	13
6686	Antioxidant Response and Oxidative Stress in the Respiratory Tree of Sea Cucumber (<i>Apostichopus</i>) Tj ETQq1 1 0.784314 rgBT /Overl Engineering, 2020, 8, 547.	1.2	14
6687	Noxious effects of selected food-occurring oxidized amino acids on differentiated CACO-2 intestinal human cells. <i>Food and Chemical Toxicology</i> , 2020, 144, 111650.	1.8	14
6688	Oxidative stress markers in preeclamptic placentas: A systematic review with meta-analysis. <i>Placenta</i> , 2020, 99, 89-100.	0.7	15
6689	PCBP1 and PCBP2 both bind heavily oxidized RNA but cause opposing outcomes, suppressing or increasing apoptosis under oxidative conditions. <i>Journal of Biological Chemistry</i> , 2020, 295, 12247-12261.	1.6	19
6690	Light-triggered redox activity of GdYVO4:Eu3+ nanoparticles. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 242, 118741.	2.0	8
6691	Iron depletion with deferoxamine protects bone marrow-derived mesenchymal stem cells against oxidative stress-induced apoptosis. <i>Cell Stress and Chaperones</i> , 2020, 25, 1059-1069.	1.2	15
6692	Pinkment: a synthetic platform for the development of fluorescent probes for diagnostic and theranostic applications. <i>Chemical Science</i> , 2020, 11, 8567-8571.	3.7	26
6693	Grape (<i>Vitis vinifera</i> L.): health benefits and effects of growing conditions on quality parameters. , 2020, , 385-401.		3
6694	<i>In Vitro</i> Wound Healing Activities of Three Most Commonly Used Thai Medicinal Plants and Their Three Markers. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020, 2020, 1-11.	0.5	15
6695	Near-Infrared Chemiluminescent Reporters for In Vivo Imaging of Reactive Oxygen and Nitrogen Species in Kidneys. <i>Advanced Functional Materials</i> , 2020, 30, 2003628.	7.8	82
6696	The Influence of Reactive Oxygen Species in the Immune System and Pathogenesis of Multiple Sclerosis. <i>Autoimmune Diseases</i> , 2020, 2020, 1-14.	2.7	56
6697	Composition-Dependent Antimicrobial Ability of Full-Spectrum Au ₂₅ Ag ₂₅ Alloy Nanoclusters. <i>ACS Nano</i> , 2020, 14, 11533-11541.	7.3	75
6698	Some calcium-channel blockers: kinetic and <i>in silico</i> studies on paraoxonase-I. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 77-85.	2.0	50
6699	Design and Characterization of Ethosomes for Transdermal Delivery of Caffeic Acid. <i>Pharmaceutics</i> , 2020, 12, 740.	2.0	46
6700	Erythrocytes as markers of oxidative stress related pathologies. <i>Mechanisms of Ageing and Development</i> , 2020, 191, 111333.	2.2	18

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6701	Pursuing the Elixir of Life: In Vivo Antioxidative Effects of Manganosalen Complexes. <i>Antioxidants</i> , 2020, 9, 727.	2.2	8
6702	Antiproliferative Activity of Pyracantha and Paullinia Plant Extracts on Aggressive Breast and Hepatocellular Carcinoma Cells. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 7543.	1.3	5
6703	Screening of Health-Associated Oral Bacteria for Anticancer Properties in vitro. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 575656.	1.8	29
6704	Association between short-term exposure to ambient particulate air pollution and biomarkers of oxidative stress: A meta-analysis. <i>Environmental Research</i> , 2020, 191, 110105.	3.7	45
6705	Effects of dietary supplementation of natural astaxanthin from <i>Haematococcus pluvialis</i> on antioxidant capacity, lipid metabolism, and accumulation in the egg yolk of laying hens. <i>Poultry Science</i> , 2020, 99, 5874-5882.	1.5	33
6706	Changing dietary habits increases the intake of antioxidant vitamins and reduces the concentration of reactive oxygen species in blood: a pilot study. <i>International Journal of Food Properties</i> , 2020, 23, 1337-1346.	1.3	1
6707	Machine Learning Model for Identifying Antioxidant Proteins Using Features Calculated from Primary Sequences. <i>Biology</i> , 2020, 9, 325.	1.3	48
6708	Toxic Metals (Al, Cd, Pb) and Trace Element (B, Ba, Co, Cu, Cr, Fe, Li, Mn, Mo, Ni, Sr, V, Zn) Levels in Sarpa Salpa from the North-Eastern Atlantic Ocean Region. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 7212.	1.2	12
6709	Decoding Aging: Understanding the Complex Relationship among Aging, Free Radicals, and GSH. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-11.	1.9	10
6710	Association of Glycemic Indices (Hyperglycemia, Glucose Variability, and Hypoglycemia) with Oxidative Stress and Diabetic Complications. <i>Journal of Diabetes Research</i> , 2020, 2020, 1-17.	1.0	172
6711	Antioxidant Activity and Phenolic Content of Marine Dissolved Organic Matter and Their Relation to Molecular Composition. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	7
6712	Inhibition of multi-drug resistant <i>Klebsiella pneumoniae</i> : Nanoparticles induced photoinactivation in presence of efflux pump inhibitor. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2020, 157, 165-174.	2.0	18
6713	Oregano Phytocomplex Induces Programmed Cell Death in Melanoma Lines via Mitochondria and DNA Damage. <i>Foods</i> , 2020, 9, 1486.	1.9	13
6714	A ratiometric fluorescent probe based on AIEgen for detecting HClO in living cells. <i>Chemical Communications</i> , 2020, 56, 14613-14616.	2.2	38
6715	Crystal engineering construction of caffeic acid derivatives with potential applications in pharmaceuticals and degradable polymeric materials. <i>CrystEngComm</i> , 2020, 22, 7847-7857.	1.3	2
6716	Metal nanoparticles (MNPs) and particulate matter (PM) induce toxicity., 2020, , 397-419.		0
6717	Antidiabetic and hepatoprotective potential of whole plant extract and isolated compounds of <i>Aeginetia indica</i> . <i>Biomedicine and Pharmacotherapy</i> , 2020, 132, 110942.	2.5	13
6718	The Effect of Atopic Dermatitis and Diet on the Skin Transcriptome in Staffordshire Bull Terriers. <i>Frontiers in Veterinary Science</i> , 2020, 7, 552251.	0.9	10

#	ARTICLE	IF	CITATIONS
6719	A Mechanistic Evaluation of Antioxidant Nutraceuticals on Their Potential against Age-Associated Neurodegenerative Diseases. <i>Antioxidants</i> , 2020, 9, 1019.	2.2	18
6720	Starch composition, glycemic indices, antioxidant properties and carbohydrate hydrolyzing enzymes activities of African star apple fruit parts. <i>BMC Complementary Medicine and Therapies</i> , 2020, 20, 260.	1.2	10
6722	Parkinson's Disease-Induced Zebrafish Models: Focussing on Oxidative Stress Implications and Sleep Processes. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-15.	1.9	24
6724	Dietary monosodium glutamate altered redox status and dopamine metabolism in lobster cockroach (<i>Tj ETQq1 1 0,7843143gBT /Over</i>)	1.2	3
6725	The Impact of Modern Therapeutic Methods on the Oxidant-Antioxidant Equilibrium and Activities of Selected Lysosomal Enzymes and Serine Protease Inhibitor in Amateur Athletes. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-10.	1.9	1
6726	Carbon Quantum Dots: In vitro and in vivo Studies on Biocompatibility and Biointeractions for Optical Imaging. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 6519-6529.	3.3	37
6727	Comparative study on phenolic, flavonoids and in vitro antioxidant activity of wild edible plants from Loktak Lake wetland ecosystem under North East Indian Himalayan Region. <i>Natural Product Research</i> , 2021, 35, 6045-6048.	1.0	4
6728	Green Synthesis of Lutein-Based Carbon Dots Applied for Free-Radical Scavenging within Cells. <i>Materials</i> , 2020, 13, 4146.	1.3	12
6729	Oxidative Stress: A Possible Trigger for Pelvic Organ Prolapse. <i>Journal of Immunology Research</i> , 2020, 2020, 1-11.	0.9	13
6730	Therapeutic Response of <i>Epimedium gandiflorum</i> Different Doses to Restore the Antioxidant Potential and Reproductive Hormones in Male Albino Rats. <i>Dose-Response</i> , 2020, 18, 155932582095956.	0.7	17
6731	Berry chemoprevention: Do berries decrease the window of opportunity for tumorigenesis. <i>Food Frontiers</i> , 2020, 1, 260-275.	3.7	17
6732	Anti-inflammatory effect of <i>Antirrhinum majus</i> extract in lipopolysaccharide-stimulated RAW 264.7 macrophages. <i>Food Science and Nutrition</i> , 2020, 8, 5063-5070.	1.5	3
6733	Macrocycles and Supramolecules as Antioxidants: Excellent Scaffolds for Development of Potential Therapeutic Agents. <i>Antioxidants</i> , 2020, 9, 859.	2.2	16
6734	Role of Glutaredoxin-1 and Glutathionylation in Cardiovascular Diseases. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6803.	1.8	23
6735	Transcriptomic analysis of the effect of (E)-3-(3,5-dimethoxyphenyl)-1-(2-methoxyphenyl) prop-2-en-1-one (DPP23) on reactive oxygen species generation in MIA PaCa-2 pancreatic cancer cells. <i>Genes and Genomics</i> , 2020, 42, 1267-1279.	0.5	0
6736	ANTIOXIDANT ACTIVITY AND TOTAL PHENOL CONTENT OF DIFFERENT PLANT PARTS OF LEBANESE ANNONA SQUAMOSA LINN.. <i>International Journal of Pharmacy and Pharmaceutical Sciences</i> , 0, , 100-105.	0.3	6
6737	Potential of Chlorella as a Dietary Supplement to Promote Human Health. <i>Nutrients</i> , 2020, 12, 2524.	1.7	100
6738	Amarogentin from <i>Gentiana rigescens</i> Franch Exhibits Antiaging and Neuroprotective Effects through Antioxidative Stress. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-15.	1.9	22

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6739	Neuroprotective effect of <i>Allium hookeri</i> against H ₂ O ₂ -induced PC12 cell cytotoxicity by reducing oxidative stress. <i>Food Science and Biotechnology</i> , 2020, 29, 1519-1530.	1.2	9
6740	Plasma Diagnosis and Biomedical Application Using Linear Microwave Atmospheric- Pressure Plasma Generator. <i>IEEE Transactions on Plasma Science</i> , 2020, 48, 3054-3060.	0.6	6
6741	Gallic acid is a dual $\text{I}\pm\text{I}^2$ -secretase modulator that reverses cognitive impairment and remediates pathology in Alzheimer mice. <i>Journal of Biological Chemistry</i> , 2020, 295, 16251-16266.	1.6	49
6742	Noni (<i>Morinda citrifolia</i>) wine prevents the oxidative stress and obesity in mice induced by high-fat diet. <i>Journal of Food Biochemistry</i> , 2020, 44, e13460.	1.2	14
6743	Microbiota-Mitochondria Inter-Talk: A Potential Therapeutic Strategy in Obesity and Type 2 Diabetes. <i>Antioxidants</i> , 2020, 9, 848.	2.2	27
6744	Biological Properties of a Citral-Enriched Fraction of Citrus limon Essential Oil. <i>Foods</i> , 2020, 9, 1290.	1.9	16
6745	A Review of the Potential Interaction of Selenium and Iodine on Placental and Child Health. <i>Nutrients</i> , 2020, 12, 2678.	1.7	15
6746	Metal-Phenolic Networks Nanoplatfrom to Mimic Antioxidant Defense System for Broad-Spectrum Radical Eliminating and Endotoxemia Treatment. <i>Advanced Functional Materials</i> , 2020, 30, 2002234.	7.8	74
6747	High dietary starch inclusion impairs growth and antioxidant status, and alters liver organization and intestinal microbiota in largemouth bass <i>Micropterus salmoides</i> . <i>Aquaculture Nutrition</i> , 2020, 26, 1806-1821.	1.1	19
6748	Modulation and Protection Effects of Antioxidant Compounds against Oxidant Induced Developmental Toxicity in Zebrafish. <i>Antioxidants</i> , 2020, 9, 721.	2.2	7
6749	Self-assembled mono- and bilayers on gold electrodes to assess antioxidants—a comparative study. <i>Journal of Solid State Electrochemistry</i> , 2020, 24, 3003-3011.	1.2	4
6750	In Vitro Antioxidant, Antiinflammation, and Anticancer Activities and Anthraquinone Content from <i>Rumex crispus</i> Root Extract and Fractions. <i>Antioxidants</i> , 2020, 9, 726.	2.2	26
6751	Oxidative and Nitrosative Stress in Oral Squamous Cell Carcinoma. <i>Cells Tissues Organs</i> , 2020, 209, 120-127.	1.3	7
6752	Epigallocatechin Gallate Slows Retinal Degeneration, Reduces Oxidative Damage, and Modifies Circadian Rhythms in P23H Rats. <i>Antioxidants</i> , 2020, 9, 718.	2.2	14
6753	When It Comes to an End: Oxidative Stress Crosstalk with Protein Aggregation and Neuroinflammation Induce Neurodegeneration. <i>Antioxidants</i> , 2020, 9, 740.	2.2	52
6754	Interaction between inflammation and metabolism in periparturient dairy cows. <i>Journal of Animal Science</i> , 2020, 98, S155-S174.	0.2	29
6755	Imaging and Profiling of Proteins under Oxidative Conditions in Cells and Tissues by Hydrogen-Peroxide-Responsive Labeling. <i>Journal of the American Chemical Society</i> , 2020, 142, 15711-15721.	6.6	30
6756	Leaves of White Beetroot As a New Source of Antioxidant and Anti-Inflammatory Compounds. <i>Plants</i> , 2020, 9, 944.	1.6	8

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6757	Promising Approaches for Determination of Copper Ions in Biological Systems. <i>Nanotechnologies in Russia</i> , 2020, 15, 121-134.	0.7	7
6758	Radioprotective Effect of Flavonoids on Ionizing Radiation-Induced Brain Damage. <i>Molecules</i> , 2020, 25, 5719.	1.7	21
6759	Anwulignan Alleviates Carbon Tetrachloride-Induced Acute Liver Injury in Mice. <i>Natural Product Communications</i> , 2020, 15, 1934578X2096267.	0.2	1
6760	Cadmium-Induced Cytotoxicity: Effects on Mitochondrial Electron Transport Chain. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 604377.	1.8	55
6761	Phytosterols: Nutritional Health Players in the Management of Obesity and Its Related Disorders. <i>Antioxidants</i> , 2020, 9, 1266.	2.2	51
6762	Dietary Thiols: A Potential Supporting Strategy against Oxidative Stress in Heart Failure and Muscular Damage during Sports Activity. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 9424.	1.2	23
6763	Antioxidant Therapy in Gravesâ€™ Orbitopathy. <i>Frontiers in Endocrinology</i> , 2020, 11, 608733.	1.5	8
6764	Effect of Ethanolic Extract of <i>Cayratia trifolia</i> on Histologically Kidney Mouse Model. <i>Journal of Physics: Conference Series</i> , 2020, 1665, 012023.	0.3	0
6765	The Impact of Fermented Wheat Germ Extract on Porcine Epithelial Cell Line Exposed to Deoxynivalenol and T-2 Mycotoxins. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-9.	1.9	6
6766	Natural Nrf2 Activators from Juices, Wines, Coffee, and Cocoa. <i>Beverages</i> , 2020, 6, 68.	1.3	16
6767	The [DPPHâ—DPPH-H]-HPLC-DAD Method on Tracking the Antioxidant Activity of Pure Antioxidants and Goutweed (<i>Aegopodium podagraria</i> L.) Hydroalcoholic Extracts. <i>Molecules</i> , 2020, 25, 6005.	1.7	27
6768	Synthesis, antioxidant and antimicrobial properties of novel pyridyl-carbonyl thiazoles as dendrodoine analogs. <i>Turkish Journal of Chemistry</i> , 2020, 44, 1733-1741.	0.5	2
6769	Studies on the correlation between mutation and integration of HBV in hepatocellular carcinoma. <i>Bioscience Reports</i> , 2020, 40, .	1.1	6
6770	Quercetin-albumin nano-complex as an antioxidant agent against hydrogen peroxide-induced death of spinal cord neurons as a model of preventive care study. <i>Arabian Journal of Chemistry</i> , 2020, 13, 8172-8182.	2.3	3
6771	6-Shogaol mediated ROS production and apoptosis via endoplasmic reticulum and mitochondrial pathways in human endometrial carcinoma Ishikawa cells. <i>Journal of Functional Foods</i> , 2020, 74, 104178.	1.6	25
6772	Antidiabetic, anthelmintic and antioxidation properties of novel and new phytocompounds isolated from the methanolic stem-bark of <i>Vernonia amygdalina</i> Delile (Asteraceae). <i>Scientific African</i> , 2020, 10, e00578.	0.7	10
6773	Versatile and Affordable Approach for Tracking the Oxidative Stress Caused by the Free Radicals: the Chemical Perception. <i>ChemistrySelect</i> , 2020, 5, 13814-13818.	0.7	0
6774	Preparation, structure and antioxidant property of manganese(II) and zinc(II) complexes with bis(<i>N</i> -ethylbenzimidazol-2-ylmethyl)allylamine. <i>Journal of Coordination Chemistry</i> , 2020, 73, 3322-3331.	0.8	16

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6775	Determination of antioxidant and antibacterial activities of leaf extracts of <i>Plumbago zeylanica</i> (Amira). <i>Cogent Chemistry</i> , 2020, 6, 1831715.	2.5	9
6776	Influence of Chronic Obstructive Pulmonary Disease on Volatile Organic Compounds in Patients with Non-Small Cell Lung Cancer. <i>Archivos De Bronconeumologia</i> , 2020, 56, 801-805.	0.4	6
6777	A Review on Oxidative Stress, Diabetic Complications, and the Roles of Honey Polyphenols. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-16.	1.9	45
6778	Host-Parasite Interaction in <i>Sarcoptes scabiei</i> Infestation in Porcine Model with a Preliminary Note on Its Genetic Lineage from India. <i>Animals</i> , 2020, 10, 2312.	1.0	3
6779	In Vitro and In Vivo Inhibitory Effect of Citrus Junos Tanaka Peel Extract against Oxidative Stress-Induced Apoptotic Death of Lung Cells. <i>Antioxidants</i> , 2020, 9, 1231.	2.2	6
6780	Long-term T cell fitness and proliferation is driven by AMPK-dependent regulation of reactive oxygen species. <i>Scientific Reports</i> , 2020, 10, 21673.	1.6	15
6781	Muricazine, a new hydrazine derivative from <i>Ranunculus muricatus</i> L. with antioxidant, lipoxygenase and urease inhibitory activities. <i>Natural Product Research</i> , 2020, , 1-6.	1.0	1
6782	The effect of long-term dehydration and subsequent rehydration on markers of inflammation, oxidative stress and apoptosis in the camel kidney. <i>BMC Veterinary Research</i> , 2020, 16, 458.	0.7	11
6783	How Far Are We from Prescribing Fasting as Anticancer Medicine?. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9175.	1.8	16
6784	OGG1 Inhibitor TH5487 Alters OGG1 Chromatin Dynamics and Prevents Incisions. <i>Biomolecules</i> , 2020, 10, 1483.	1.8	16
6785	Effect of Treadmill Exercise and Trans-Cinnamaldehyde against d-Galactose- and Aluminum Chloride-Induced Cognitive Dysfunction in Mice. <i>Brain Sciences</i> , 2020, 10, 793.	1.1	16
6786	Deoxyelephantopin, a novel naturally occurring phytochemical impairs growth, induces G2/M arrest, ROS-mediated apoptosis and modulates lncRNA expression against uterine leiomyoma. <i>Biomedicine and Pharmacotherapy</i> , 2020, 131, 110751.	2.5	18
6787	<i>Thymus vulgaris</i> Essential Oil Protects Zebrafish against Cognitive Dysfunction by Regulating Cholinergic and Antioxidants Systems. <i>Antioxidants</i> , 2020, 9, 1083.	2.2	35
6788	One-pot multicomponent synthesis of novel 3, 4-dihydro-3-methyl-2(1H)-quinazolinone derivatives and their biological evaluation as potential antioxidants, enzyme inhibitors, antimicrobials, cytotoxic and anti-inflammatory agents. <i>Arabian Journal of Chemistry</i> , 2020, 13, 9145-9165.	2.3	8
6789	Effects of Radishes, Apples, and Pears on the Lactic Acid Bacteria and Nutritional and Functional Qualities of Flavored Soy Sauce. <i>Foods</i> , 2020, 9, 1562.	1.9	7
6790	Enhancement of Phthalocyanine Mediated Photodynamic Therapy by Catechin on Lung Cancer Cells. <i>Molecules</i> , 2020, 25, 4874.	1.7	18
6791	Idiopathic Osteoporosis and Nephrolithiasis: Two Sides of the Same Coin?. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8183.	1.8	9
6792	Development of an azo-naphthol-based probe for detecting hypochlorite (ClO ^{•-}) via color change in aqueous solution. <i>Inorganic Chemistry Communication</i> , 2020, 121, 108244.	1.8	5

#	ARTICLE	IF	CITATIONS
6793	New insights into ethionamide metabolism: influence of oxidized methionine on its degradation path. RSC Medicinal Chemistry, 2020, 11, 1423-1428.	1.7	0
6794	PFAS Environmental Pollution and Antioxidant Responses: An Overview of the Impact on Human Field. International Journal of Environmental Research and Public Health, 2020, 17, 8020.	1.2	52
6795	Effect of levetiracetam drug on antioxidant and liver enzymes in epileptic patients: case-control study. African Health Sciences, 2020, 20, 984-990.	0.3	7
6796	Indoxyl Sulfate, a Tubular Toxin, Contributes to the Development of Chronic Kidney Disease. Toxins, 2020, 12, 684.	1.5	44
6797	Mechanisms for Tuning Engineered Nanomaterials to Enhance Radiation Therapy of Cancer. Advanced Science, 2020, 7, 2003584.	5.6	49
6798	Molecular changes in glaucomatous trabecular meshwork. Correlations with retinal ganglion cell death and novel strategies for neuroprotection. Progress in Brain Research, 2020, 256, 151-188.	0.9	7
6799	Effects of immune cell-targeted treatments result from the suppression of neuronal oxidative stress and inflammation in experimental diabetic rats. Naunyn-Schmiedeberg's Archives of Pharmacology, 2020, 393, 1293-1302.	1.4	3
6800	Grape Polyphenols Ameliorate Muscle Decline Reducing Oxidative Stress and Oxidative Damage in Aged Rats. Nutrients, 2020, 12, 1280.	1.7	22
6801	Exposure to urban particulate matter and its association with human health risks. Environmental Science and Pollution Research, 2020, 27, 27491-27506.	2.7	52
6802	Peripheral non-enzymatic antioxidants in patients with schizophrenia: a case-control study. BMC Psychiatry, 2020, 20, 241.	1.1	15
6803	Association of internal exposure to polycyclic aromatic hydrocarbons with inflammation and oxidative stress in prediabetic and healthy individuals. Chemosphere, 2020, 253, 126748.	4.2	38
6804	Oxidative Stress at the Crossroads of Aging, Stroke and Depression. , 2020, 11, 1537.		64
6805	Melatonin and alcohol-related disorders. Chronobiology International, 2020, 37, 781-803.	0.9	25
6806	The Evolving Role of Natural Compounds in the Medical Treatment of Uterine Fibroids. Journal of Clinical Medicine, 2020, 9, 1479.	1.0	25
6807	<i>Ziziphus jujube</i> ameliorated cavernosal oxidative stress and fibrotic processes in cavernous nerve injury-induced erectile dysfunction in a rat model. Andrologia, 2020, 52, e13632.	1.0	3
6808	HPV Infection Affects Human Sperm Functionality by Inhibition of Aquaporin-8. Cells, 2020, 9, 1241.	1.8	21
6809	Mechanisms of Genome Protection and Repair. Advances in Experimental Medicine and Biology, 2020, , .	0.8	2
6810	Role of Selenoproteins in Redox Regulation of Signaling and the Antioxidant System: A Review. Antioxidants, 2020, 9, 383.	2.2	111

#	ARTICLE	IF	CITATIONS
6811	Marine Algal Antioxidants as Potential Vectors for Controlling Viral Diseases. <i>Antioxidants</i> , 2020, 9, 392.	2.2	41
6812	Phytochemical Profile and Biological Activity of Endemic <i>Sideritis sipylea</i> Boiss. in North Aegean Greek Islands. <i>Molecules</i> , 2020, 25, 2022.	1.7	23
6813	Phospholipids modifications in human hepatoma cell lines (HepG2) exposed to silver and iron oxide nanoparticles. <i>Archives of Toxicology</i> , 2020, 94, 2625-2636.	1.9	8
6814	Murici (<i>Byrsonima crassifolia</i> (L.) Kunth): Antioxidant effects and application to aging. , 2020, , 259-265.		2
6816	Targeted anti-inflammatory therapy is a new insight for reducing cardiovascular events: A review from physiology to the clinic. <i>Life Sciences</i> , 2020, 253, 117720.	2.0	4
6817	Flavones TM and Flavonols TM Antiradical Structure TM Activity Relationship TM A Quantum Chemical Study. <i>Antioxidants</i> , 2020, 9, 461.	2.2	60
6818	Antioxidant and chelator cocktails to prevent oxidative stress under iron-overload conditions. , 2020, , 117-126.		0
6819	Artichoke leaf extract and use in metabolic syndrome as an antioxidant. , 2020, , 169-177.		1
6820	Mitochondria as a target for neuroprotection: role of methylene blue and photobiomodulation. <i>Translational Neurodegeneration</i> , 2020, 9, 19.	3.6	63
6821	Nrf2 and oxidative stress. , 2020, , 77-86.		0
6822	Systemic Redox Imbalance in Patients with Chronic Granulomatous Disease. <i>Journal of Clinical Medicine</i> , 2020, 9, 1397.	1.0	7
6823	Curcumin Administration Mitigates Cyclophosphamide-Induced Oxidative Damage and Restores Alteration of Enzymes Associated with Cognitive Function in Rats TM Brain. <i>Neurotoxicity Research</i> , 2020, 38, 199-210.	1.3	25
6824	FRET-based sensor for visualizing pH variation with colorimetric/ratiometric strategy and application for bioimaging in living cells, bacteria and zebrafish. <i>Analyst, The</i> , 2020, 145, 4283-4294.	1.7	13
6825	Proteomics Unravels Emodin Causes Liver Oxidative Damage Elicited by Mitochondrial Dysfunction. <i>Frontiers in Pharmacology</i> , 2020, 11, 416.	1.6	8
6826	Supramolecular assemblies mimicking neutrophil extracellular traps for MRSE infection control. <i>Biomaterials</i> , 2020, 253, 120124.	5.7	22
6827	Abatement of the membrane biofouling: Performance of an in-situ integrated bioelectrochemical-ultrafiltration system. <i>Water Research</i> , 2020, 179, 115892.	5.3	24
6828	Solvent induced supramolecular polymorphism in Cu(II) coordination complex built from 1,2,4-triazolo[1,5-a]pyrimidine: Crystal structures and anti-oxidant activity. <i>Journal of Inorganic Biochemistry</i> , 2020, 208, 111092.	1.5	15
6829	Increased levels of 5 TM ,8-Cyclopurine DNA lesions in inflammatory bowel diseases. <i>Redox Biology</i> , 2020, 34, 101562.	3.9	12

#	ARTICLE	IF	CITATIONS
6830	Recommended resources for diabetes, oxidative stress, and dietary antioxidants. , 2020, , 419-422.		0
6831	Recommended resources for pathology: oxidative stress and dietary antioxidants. , 2020, , 397-401.		0
6832	Piperlongumine induces ROS mediated cell death and synergizes paclitaxel in human intestinal cancer cells. <i>Biomedicine and Pharmacotherapy</i> , 2020, 128, 110243.	2.5	46
6833	Nrf-2 activator sulforaphane protects retinal cells from oxidative stress-induced retinal injury. <i>Journal of Functional Foods</i> , 2020, 71, 104023.	1.6	3
6834	Brazilian berry extract (<i>Myrciaria jaboticaba</i>): A promising therapy to minimize prostatic inflammation and oxidative stress. <i>Prostate</i> , 2020, 80, 859-871.	1.2	11
6835	Physiological relevance of food antioxidants. <i>Advances in Food and Nutrition Research</i> , 2020, 93, 205-250.	1.5	5
6836	Antioxidant and anti-glycated TAT-modified platinum nanoclusters as eye drops for non-invasive and painless relief of diabetic cataract in rats. <i>Chemical Engineering Journal</i> , 2020, 398, 125436.	6.6	15
6837	Effects of lincomycin hydrochloride on the neurotoxicity of zebrafish. <i>Ecotoxicology and Environmental Safety</i> , 2020, 201, 110725.	2.9	32
6838	Aescin and diosmin each alone or in low dose- combination ameliorate liver damage induced by carbon tetrachloride in rats. <i>BMC Research Notes</i> , 2020, 13, 259.	0.6	72
6839	Self-assembled reduced graphene oxide@cerium oxide nanocomposite@cytochrome <i>c</i> hydrogel as a solid electrochemical reactive oxygen species detection platform. <i>New Journal of Chemistry</i> , 2020, 44, 11248-11255.	1.4	10
6840	Nanoparticles induce autophagy via mTOR pathway inhibition and reactive oxygen species generation. <i>Nanomedicine</i> , 2020, 15, 1419-1435.	1.7	20
6841	Assessment of the In Vivo Antioxidant Activity of an Anthocyanin-Rich Bilberry Extract Using the <i>Caenorhabditis elegans</i> Model. <i>Antioxidants</i> , 2020, 9, 509.	2.2	12
6842	Protective role of taurine and structurally related compounds against diabetes-induced oxidative stress. , 2020, , 351-359.		0
6843	Medicinal plants, antioxidant potential, and applications to aging. , 2020, , 233-242.		1
6844	Oral administration of olaquinox negatively affects oocytes quality and reproductive ability in female mice. <i>Ecotoxicology and Environmental Safety</i> , 2020, 201, 110826.	2.9	7
6845	Lipid peroxidation in the descending thoracic aorta of rats deprived of REM sleep using the inverted flowerpot technique. <i>Experimental Physiology</i> , 2020, 105, 1223-1231.	0.9	8
6846	Current Strategies in Development of New Chromone Derivatives with Diversified Pharmacological Activities: A Review. <i>Pharmaceutical Chemistry Journal</i> , 2020, 54, 241-257.	0.3	53
6847	Biosynthesis of antioxidative enzymes and polyphenolics content in calli cultures of <i>Prunella vulgaris</i> L. in response to auxins and cytokinins. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2020, 48, 893-902.	1.9	6

#	ARTICLE	IF	CITATIONS
6848	Evaluation of oxidative stress biomarkers and liver and renal functional parameters in patients during treatment a mental health unit to treat alcohol dependence. <i>Drug and Chemical Toxicology</i> , 2020, , 1-7.	1.2	5
6849	Alterations in the Antioxidant Enzyme Activities in the Neurodevelopmental Rat Model of Schizophrenia Induced by Glutathione Deficiency during Early Postnatal Life. <i>Antioxidants</i> , 2020, 9, 538.	2.2	19
6850	Applications of Nanomaterials in Human Health. , 2020, , .		21
6851	Hazardous impact of diclofenac exposure on the behavior and antioxidant defense system in <i>Nauphoeta cinerea</i> . <i>Environmental Pollution</i> , 2020, 265, 115053.	3.7	16
6852	Effect of reactive oxygen species of the psoas major muscle in complete Freund's adjuvant-induced inflammatory pain in rats. <i>Molecular Pain</i> , 2020, 16, 174480692092924.	1.0	7
6853	Combined approaches for evaluation of xenoestrogen neural toxicity and thyroid dysfunction: Screening of oxidant markers, DNA fragmentation, and biogenic amine degradation. <i>Journal of Biochemical and Molecular Toxicology</i> , 2020, 34, e22521.	1.4	8
6854	Metabolic profiling, antioxidant, and antibacterial activity of some Iranian <i>Verbascum L.</i> species. <i>Industrial Crops and Products</i> , 2020, 153, 112609.	2.5	30
6855	Decreased T-cell mediated hepatic injury in concanavalin A-treated PLRP2-deficient mice. <i>International Immunopharmacology</i> , 2020, 85, 106604.	1.7	4
6856	Cyclic Organoselenide BODIPY-Based Probe: Targeting Superoxide in MCF-7 Cancer Cells. <i>ACS Omega</i> , 2020, 5, 14186-14193.	1.6	16
6857	Optimized supercritical CO ₂ extraction conditions on yield and quality of torch ginger (<i>Etlingera</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 22	2.5	22
6858	NRF2 Regulation Processes as a Source of Potential Drug Targets against Neurodegenerative Diseases. <i>Biomolecules</i> , 2020, 10, 904.	1.8	50
6859	TRPA1 and TRPV1 channels participate in atmospheric-pressure plasma-induced [Ca ²⁺] _i response. <i>Scientific Reports</i> , 2020, 10, 9687.	1.6	5
6860	<i>Helicobacter pylori</i> infection downregulates the DNA glycosylase NEIL2, resulting in increased genome damage and inflammation in gastric epithelial cells. <i>Journal of Biological Chemistry</i> , 2020, 295, 11082-11098.	1.6	35
6861	Phenolic profiles, antioxidant, antiproliferative, and hypoglycemic activities of <i>Ehretia macrophylla</i> Wall. (EMW) fruit. <i>Journal of Food Science</i> , 2020, 85, 2177-2185.	1.5	12
6862	Organophosphorus Compounds and MAPK Signaling Pathways. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4258.	1.8	50
6863	Mitochondrial Dysfunction as a Key Event during Aging: From Synaptic Failure to Memory Loss. , 0, , .		7
6864	Potential role of ovomucin and its peptides in modulation of intestinal health: A review. <i>International Journal of Biological Macromolecules</i> , 2020, 162, 385-393.	3.6	21
6865	Oxidative stress and antioxidant capacity: development and prospects. <i>New Journal of Chemistry</i> , 2020, 44, 11405-11419.	1.4	12

#	ARTICLE	IF	CITATIONS
6866	Curcumin-Induced DNA Demethylation in Human Gastric Cancer Cells Is Mediated by the DNA-Damage Response Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-13.	1.9	36
6867	Does calorie restriction improve cognition?. <i>IBRO Reports</i> , 2020, 9, 37-45.	0.3	19
6868	Oxidative Stress and Microvessel Barrier Dysfunction. <i>Frontiers in Physiology</i> , 2020, 11, 472.	1.3	39
6869	Mitochondrial Function in Enamel Development. <i>Frontiers in Physiology</i> , 2020, 11, 538.	1.3	7
6870	The Implications of Titanium Alloys Applied in Maxillofacial Osteosynthesis. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 3203.	1.3	11
6871	Hyperglycemia-induced oxidative stress in the development of diabetic foot ulcers. , 2020, , 35-48.		4
6872	IN VITRO EVALUATION OF ENZYMIC ANTIOXIDANTS AND FREE RADICAL SCAVENGING ACTIVITY IN THE ETHANOLIC EXTRACT OF CRESCENTIA CUJETE LEAVES. <i>Asian Journal of Pharmaceutical and Clinical Research</i> , 2020, , 92-95.	0.3	0
6873	Antioxidant, Antimicrobial and Anti-inflammatory Activities of Essential Oil Derived from the Wild Rhizome of <i>Atractylodes macrocephala</i> . <i>Chemistry and Biodiversity</i> , 2020, 17, e2000268.	1.0	16
6874	One-Pot-Condensation Reaction of Heterocyclic Amine, 1,3-Diketone and Aldehydes Using In Situ Generated Superoxide Ion: A Rapid Synthesis of Structurally Diverse Drug-Like Complex Heterocycles. , 2020, , .		0
6875	Doping Polysulfone Membrane with Alpha-tocopherol and Alpha-lipoic Acid for Suppressing Oxidative Stress Induced by Hemodialysis Treatment. <i>Macromolecular Bioscience</i> , 2020, 20, 2000046.	2.1	11
6876	Application of Nanomaterials in Treatment of Microbial and Viral Infections. , 2020, , 173-190.		0
6877	Centella asiatica: its potential for the treatment of diabetes. , 2020, , 213-222.		1
6878	Quercetin and antioxidant potential in diabetes. , 2020, , 293-302.		2
6879	The potential role of pomegranate and its nano-formulations on cerebral neurons in aluminum chloride induced Alzheimer rat model. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 1710-1716.	1.8	32
6880	Immunomodulatory activity of low molecular-weight peptides from <i>Nibea japonica</i> skin in cyclophosphamide-induced immunosuppressed mice. <i>Journal of Functional Foods</i> , 2020, 68, 103888.	1.6	34
6881	Anti-inflammatory effect of <i>Arnica montana</i> in a UVB radiation-induced skin-burn model in mice. <i>Cutaneous and Ocular Toxicology</i> , 2020, 39, 126-133.	0.5	5
6882	Capsaicin Alleviates the Deteriorative Mitochondrial Function by Upregulating 14-3-3 in Anoxic or Anoxic/Reoxygenated Cardiomyocytes. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-16.	1.9	19
6883	Products Derived from <i>Buchenavia tetraphylla</i> Leaves Have In Vitro Antioxidant Activity and Protect <i>Tenebrio molitor</i> Larvae against <i>Escherichia coli</i> -Induced Injury. <i>Pharmaceuticals</i> , 2020, 13, 46.	1.7	11

#	ARTICLE	IF	CITATIONS
6884	Cholesterol induced autophagy via IRE1/JNK pathway promotes autophagic cell death in heart tissue. <i>Metabolism: Clinical and Experimental</i> , 2020, 106, 154205.	1.5	29
6885	Antioxidant Effects and Mechanisms of Medicinal Plants and Their Bioactive Compounds for the Prevention and Treatment of Type 2 Diabetes: An Updated Review. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-36.	1.9	138
6886	Bredemolac Acid Ameliorates Selected Liver Function Biomarkers in a Diet-Induced Prediabetic Rat Model. <i>Canadian Journal of Gastroenterology and Hepatology</i> , 2020, 2020, 1-9.	0.8	6
6887	Antioxidant defense in the eyes of immunocompetent and immunosuppressed mice infected with <i>Acanthamoeba</i> spp.. <i>Parasites and Vectors</i> , 2020, 13, 123.	1.0	4
6888	Spirulina Lipids Alleviate Oxidative Stress and Inflammation in Mice Fed a High-Fat and High-Sucrose Diet. <i>Marine Drugs</i> , 2020, 18, 148.	2.2	18
6889	Antioxidant Properties of Camphene-Based Thiosemicarbazones: Experimental and Theoretical Evaluation. <i>Molecules</i> , 2020, 25, 1192.	1.7	23
6891	Enhancement of Loading Efficiency by Coloadng of Doxorubicin and Quercetin in Thermoresponsive Polymeric Micelles. <i>Biomacromolecules</i> , 2020, 21, 1427-1436.	2.6	49
6892	DFT study and radical scavenging activity of 2-phenoxy-pyridotriazolopyrimidines by DPPH, ABTS, FRAP and reducing power capacity. <i>Chemical Papers</i> , 2020, 74, 2893-2899.	1.0	17
6893	Effect of glucoraphanin from broccoli seeds on lipid levels and gut microbiota in high-fat diet-fed mice. <i>Journal of Functional Foods</i> , 2020, 68, 103858.	1.6	34
6894	Potential treatment of Parkinson's disease with omega-3 polyunsaturated fatty acids. <i>Nutritional Neuroscience</i> , 2020, , 1-12.	1.5	21
6895	Inflammation in Neurological Disorders: The Thin Boundary Between Brain and Periphery. <i>Antioxidants and Redox Signaling</i> , 2020, 33, 191-210.	2.5	68
6896	Do micronutrient deficiencies contribute to mitochondrial failure in critical illness?. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2020, 23, 102-110.	1.3	12
6897	Pregnancy-associated venous insufficiency course with placental and systemic oxidative stress. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 4157-4170.	1.6	27
6898	Cytoprotective Effects Evaluation of a Novel Danshensu Derivative DEX-018 against Oxidative Stress Injury in HUVECs. <i>Biological and Pharmaceutical Bulletin</i> , 2020, 43, 801-809.	0.6	5
6899	Olive oil with high polyphenolic content induces both beneficial and harmful alterations on rat redox status depending on the tissue. <i>Toxicology Reports</i> , 2020, 7, 421-432.	1.6	22
6900	Quantitative dietary copper requirement of juvenile Siberian sturgeon, <i>Acipenser baeri</i> , and effects on muscle composition and some enzymatic activities. <i>Aquaculture Nutrition</i> , 2020, 26, 1108-1118.	1.1	5
6901	Disruption of intracellular signaling. , 2020, , 81-96.		1
6902	Associations of high blood sugar with oxidative stress and inflammation in patients with type 2 diabetes. , 2020, , 305-323.		4

#	ARTICLE	IF	CITATIONS
6903	Cyanobacteria: a potential source of anticancer drugs. , 2020, , 369-384.		8
6904	Macrophage neuronal nitric oxide synthase (NOS1) controls the inflammatory response and foam cell formation in atherosclerosis. <i>International Immunopharmacology</i> , 2020, 83, 106382.	1.7	23
6905	Synthesis and Spectral, Electrochemical, and Antioxidant Properties of 2-(5-Aryl-6-R-3-phenyl-5,6-dihydro-4H-1,2,4,5-tetrazin-1-yl)-1,3-benzothiazoles. <i>Russian Journal of Organic Chemistry</i> , 2020, 56, 38-48.	0.3	4
6906	Cigarette smoke and glutathione: Focus on in vitro cell models. <i>Toxicology in Vitro</i> , 2020, 65, 104818.	1.1	12
6907	Evidence on oleic acid and EPA+DHA role in retinal antioxidant defense, leukocyte adhesion, and vascular permeability: Insight from hyperlipidemic rat model. <i>Journal of Functional Foods</i> , 2020, 67, 103864.	1.6	12
6908	Effect of Acupuncture on Oxidative Stress Induced by Cerebral Ischemia-Reperfusion Injury. <i>Antioxidants</i> , 2020, 9, 248.	2.2	21
6909	The impact of catalase and glutathione peroxidase-1 genetic polymorphisms on their enzyme activities among Egyptian patients with keratoconus. <i>Journal of Gene Medicine</i> , 2020, 22, e3192.	1.4	8
6910	Effects of lead exposure on redox status, DNA and histological structures in <i>Venus verrucosa</i> gills and digestive gland. <i>Chemistry and Ecology</i> , 2020, 36, 434-457.	0.6	5
6911	Honey and curcumin loaded multilayered polyvinylalcohol/cellulose acetate electrospun nanofibrous mat for wound healing. <i>Journal of Materials Research</i> , 2020, 35, 600-609.	1.2	27
6912	Reactive oxygen species (ROS) as pleiotropic physiological signalling agents. <i>Nature Reviews Molecular Cell Biology</i> , 2020, 21, 363-383.	16.1	2,341
6913	Potential Roles of Redox Dysregulation in the Development of Schizophrenia. <i>Biological Psychiatry</i> , 2020, 88, 326-336.	0.7	62
6914	Black mulberry ethanol extract attenuates atherosclerosis-related inflammatory factors and downregulates PPAR β and CD36 genes in experimental atherosclerotic rats. <i>Food and Function</i> , 2020, 11, 2997-3005.	2.1	8
6915	Redox metabolism modulation as a mechanism in SSRI toxicity and pharmacological effects. <i>Archives of Toxicology</i> , 2020, 94, 1417-1441.	1.9	8
6916	The effect of diet on oxidative stress and metabolic diseases—Clinically controlled trials. <i>Journal of Food Biochemistry</i> , 2020, 44, e13191.	1.2	40
6917	Antioxidant, Anti-inflammatory, and Antiproliferative Activity of Mori Cortex Radicis Extracts. <i>Natural Product Communications</i> , 2020, 15, 1934578X1989976.	0.2	8
6918	The role of necroptosis and apoptosis through the oxidative stress pathway in the liver of selenium-deficient swine. <i>Metallomics</i> , 2020, 12, 607-616.	1.0	26
6919	Macrophage-induced reactive oxygen species promote myometrial contraction and labor-associated mechanisms. <i>Biology of Reproduction</i> , 2020, 102, 1326-1339.	1.2	16
6920	Phytoconstituents and biological analysis of <i>Acorus calamus</i> rhizome of Sindhupalchowk District, Nepal. <i>Journal of College of Medical Sciences-Nepal</i> , 2020, 17, 104-109.	0.2	0

#	ARTICLE	IF	CITATIONS
6921	Bredemolic Acid Improves Cardiovascular Function and Attenuates Endothelial Dysfunction in Diet-Induced Prediabetes: Effects on Selected Markers. <i>Cardiovascular Therapeutics</i> , 2020, 2020, 1-9.	1.1	4
6922	The Bewildering Effect of AMPK Activators in Alzheimer's Disease: Review of the Current Evidence. <i>BioMed Research International</i> , 2020, 2020, 1-18.	0.9	31
6923	Advances in Research on the Bioactivity of Alginate Oligosaccharides. <i>Marine Drugs</i> , 2020, 18, 144.	2.2	120
6924	The Role of High Fat Diets and Liver Peptidase Activity in the Development of Obesity and Insulin Resistance in Wistar Rats. <i>Nutrients</i> , 2020, 12, 636.	1.7	13
6925	Long-term hexavalent chromium exposure facilitates colorectal cancer in mice associated with changes in gut microbiota composition. <i>Food and Chemical Toxicology</i> , 2020, 138, 111237.	1.8	67
6926	Preparation and In Vitro Biological Evaluation of Lawsone Loaded O-Carboxymethyl Chitosan/Zinc Oxide Nanocomposite for Wound Healing Application. <i>ChemistrySelect</i> , 2020, 5, 2710-2718.	0.7	17
6927	Chronic Iron Overload Restrains the Benefits of Aerobic Exercise to the Vasculature. <i>Biological Trace Element Research</i> , 2020, 198, 521-534.	1.9	6
6928	Natural acridones and coumarins as free radical scavengers: Mechanistic and kinetic studies. <i>Chemical Physics Letters</i> , 2020, 746, 137312.	1.2	12
6929	Activating Drugs with Sound: Mechanisms Behind Sonodynamic Therapy and the Role of Nanomedicine. <i>Bioconjugate Chemistry</i> , 2020, 31, 967-989.	1.8	118
6930	Antioxidative Effects of <i>Thymus quinquecostatus</i> CELAK through Mitochondrial Biogenesis Improvement in RAW 264.7 Macrophages. <i>Antioxidants</i> , 2020, 9, 548.	2.2	8
6931	LC-ESI-QTOF-MS/MS Characterization of Seaweed Phenolics and Their Antioxidant Potential. <i>Marine Drugs</i> , 2020, 18, 331.	2.2	81
6932	Mitochondrial reactive oxygen species cause major oxidative mitochondrial DNA damages and repair pathways. <i>Journal of Biosciences</i> , 2020, 45, 1.	0.5	29
6933	Reference dietary requirements of antioxidant vitamins in the older adults. , 2020, , 137-144.		0
6934	Recommended resources on aging: Oxidative stress and dietary antioxidants. , 2020, , 369-373.		0
6935	Untargeted Characterization of Chestnut (<i>Castanea sativa</i> Mill.) Shell Polyphenol Extract: A Valued Bioresource for Prostate Cancer Cell Growth Inhibition. <i>Molecules</i> , 2020, 25, 2730.	1.7	18
6936	Kinetics of the carotenoid concentration degradation of smoothies and their influence on the antioxidant status of the human skin in vivo during 8 weeks of daily consumption. <i>Nutrition Research</i> , 2020, 81, 38-46.	1.3	7
6937	Electrochemical Sensors and Biosensors for Redox Analytes Implicated in Oxidative Stress: Review. <i>International Journal of Electrochemical Science</i> , 2020, , 7064-7081.	0.5	4
6938	Counteracting role of nuclear factor erythroid 2-related factor 2 pathway in Alzheimer's disease. <i>Biomedicine and Pharmacotherapy</i> , 2020, 129, 110373.	2.5	56

#	ARTICLE	IF	CITATIONS
6939	Rapid colorimetric sensing of ascorbic acid based on the excellent peroxidase-like activity of Pt deposited on ZnCo ₂ O ₄ spheres. <i>New Journal of Chemistry</i> , 2020, 44, 12002-12008.	1.4	18
6940	<i>Prunus amygdalus</i> extract exert antidiabetic effect via inhibition of DPP-IV: <i>in-silico</i> and <i>in-vivo</i> approaches. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 4160-4174.	2.0	24
6941	Sunflower (<i>Helianthus annuus</i> L.) Plants at Various Growth Stages Subjected to Extraction—Comparison of the Antioxidant Activity and Phenolic Profile. <i>Antioxidants</i> , 2020, 9, 535.	2.2	21
6942	Synthesis, structure and antioxidant properties of manganese(II), zinc(II) and cobalt(II) complexes with bis(benzimidazol-2-ylmethyl)allylamine. <i>Transition Metal Chemistry</i> , 2020, 45, 523-529.	0.7	7
6943	Lifestyle, Oxidative Stress, and Antioxidants: Back and Forth in the Pathophysiology of Chronic Diseases. <i>Frontiers in Physiology</i> , 2020, 11, 694.	1.3	833
6944	NC2 complex is a key factor for the activation of catalase-3 transcription by regulating H2A.Z deposition. <i>Nucleic Acids Research</i> , 2020, 48, 8332-8348.	6.5	9
6945	Control of Reactive Oxygen Species for the Prevention of Parkinson's Disease: The Possible Application of Flavonoids. <i>Antioxidants</i> , 2020, 9, 583.	2.2	63
6946	Influence of silymarin and chromium picolinate on the pharmacotherapy of rats with induced diabetes. <i>Revista Colombiana De Ciencias Químico Farmacéuticas</i> , 2020, 49, .	0.3	1
6947	Stem Cells as Drug-like Biologics for Mitochondrial Repair in Stroke. <i>Pharmaceutics</i> , 2020, 12, 615.	2.0	3
6948	d-galactose: a model of accelerated ageing sufficiently sensitive to reflect preventative efficacy of an antioxidant treatment. <i>Biogerontology</i> , 2020, 21, 745-761.	2.0	3
6949	Combined experimental and theoretical studies of the structure-antiradical activity relationship of heterocyclic hydrazone compounds. <i>Journal of Molecular Structure</i> , 2020, 1221, 128858.	1.8	12
6950	<i>In vivo</i> analysis of redox status in organs from bench to bedside. <i>Free Radical Research</i> , 2020, 54, 961-968.	1.5	4
6951	Surface functionalization of graphene oxide using amino silane magnetic nanocomposite for Chromium (VI) removal and bacterial treatment. <i>Nano Express</i> , 2020, 1, 010062.	1.2	24
6952	Protective effect of seabuckthorn berry juice against acrylamide-induced oxidative damage in rats. <i>Journal of Food Science</i> , 2020, 85, 2245-2254.	1.5	11
6953	S-doped reduced graphene oxide: a novel peroxidase mimetic and its application in sensitive detection of hydrogen peroxide and glucose. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 5477-5487.	1.9	18
6954	Experimental Evaluation of the Effectiveness of Resveratrol as an Antioxidant in Colon Cancer Prevention. <i>Natural Product Communications</i> , 2020, 15, 1934578X2093274.	0.2	10
6955	The antioxidant potential of peptides obtained from the spotted babylon snail (<i>Babylonia</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 107 25746-25757.	1.7	13
6956	Hydroxy- <i>sanshool</i> Possesses Protective Potentials on H ₂ O ₂ -Stimulated PC12 Cells by Suppression of Oxidative Stress-Induced Apoptosis through Regulation of PI3K/Akt Signal Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-12.	1.9	29

#	ARTICLE	IF	CITATIONS
6957	Zinc and the immune system: Insights into the role of zinc in autoimmune diseases. , 2020, , 31-53.		2
6958	The role of vitamin C in stress-related disorders. <i>Journal of Nutritional Biochemistry</i> , 2020, 85, 108459.	1.9	60
6959	Subacute oral toxicity test of chitosan-alginate coated microparticle of <i>Garcinia mangostana</i> Linn extract. <i>AIP Conference Proceedings</i> , 2020, , .	0.3	0
6960	Development of a Method for Separation Batatasin III and Cirrhopedalidin in the Stems of <i>Bulbophyllum taeniophyllum</i> by Using HPLC and Evaluation of Their Radical Scavenging Activity. <i>Chemistry Letters</i> , 2020, 49, 970-973.	0.7	1
6961	Human Erythrocytes Exposed to Phthalates and Their Metabolites Alter Antioxidant Enzyme Activity and Hemoglobin Oxidation. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4480.	1.8	18
6962	Design, synthesis, and biological evaluation of imidazopyridine-linked thiazolidinone as potential anticancer agents. <i>Archiv Der Pharmazie</i> , 2020, 353, e2000071.	2.1	15
6963	Carnoquinolines Target Copper Dyshomeostasis, Aberrant Protein-Protein Interactions, and Oxidative Stress. <i>Chemistry - A European Journal</i> , 2020, 26, 16690-16705.	1.7	7
6964	Establishment of a Customizable Fluorescent Probe Platform for the Organelle-Targeted Bioactive Species Detection. <i>ACS Sensors</i> , 2020, 5, 2247-2254.	4.0	14
6965	Physical exercise and catecholamines response: benefits and health risk: possible mechanisms. <i>Free Radical Research</i> , 2020, 54, 105-125.	1.5	33
6966	Antioxidant Alternatives in the Treatment of Amyotrophic Lateral Sclerosis: A Comprehensive Review. <i>Frontiers in Physiology</i> , 2020, 11, 63.	1.3	53
6967	Nanotoxicological study of downconversion $Y^{2+}O_3:Eu^{3+}$ luminescent nanoparticles functionalized with folic acid for cancer cells bioimaging. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2020, 108, 2396-2406.	1.6	12
6968	Antioxidant and anti-inflammatory activities of selected medicinal herbs and their polyherbal formulation. <i>South African Journal of Botany</i> , 2020, 130, 440-447.	1.2	14
6969	Effect of titanium dioxide nanoparticles on DNA methylation in multiple human cell lines. <i>Nanotoxicology</i> , 2020, 14, 534-553.	1.6	34
6970	Nitro-imidazole-based ruthenium complexes with antioxidant and anti-inflammatory activities. <i>Journal of Inorganic Biochemistry</i> , 2020, 206, 111048.	1.5	25
6971	Acute Effects of Triathlon Race on Oxidative Stress Biomarkers. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-14.	1.9	14
6972	Chemical constituents, antioxidant and cytotoxicity properties of <i>Leonotis leonurus</i> used in the folklore management of neurological disorders in the Eastern Cape, South Africa. <i>3 Biotech</i> , 2020, 10, 141.	1.1	16
6973	Antioxidant and cytoprotective effect of peptides produced by hydrolysis of whey protein concentrate with trypsin. <i>Food Chemistry</i> , 2020, 319, 126472.	4.2	58
6974	The Influence of Millet Flour on Antioxidant, Anti-ACE, and Anti-Microbial Activities of Wheat Wafers. <i>Foods</i> , 2020, 9, 220.	1.9	5

#	ARTICLE	IF	CITATIONS
6975	Oxidative damage in the liver and kidney induced by dermal exposure to diisononyl phthalate in Balb/c mice. <i>Toxicology and Industrial Health</i> , 2020, 36, 30-40.	0.6	18
6976	Drug-drug interaction of acetaminophen and roxithromycin with the cocktail of cytochrome P450 and hepatotoxicity in rats. <i>International Journal of Medical Sciences</i> , 2020, 17, 414-421.	1.1	6
6977	Revealing the redox status in endoplasmic reticulum by a selenium fluorescence probe. <i>Journal of Materials Chemistry B</i> , 2020, 8, 2660-2665.	2.9	29
6978	Organoleptic properties evaluation of purple <i>Hibiscus sabdariffa</i> L (Roselle) calyx extract-fortified yogurt. <i>Journal of Physics: Conference Series</i> , 2020, 1430, 012012.	0.3	1
6979	20-hydroxyeicosatetraenoic acid alters endothelial cell barrier integrity independent of oxidative stress and cell death. <i>Prostaglandins and Other Lipid Mediators</i> , 2020, 149, 106425.	1.0	12
6980	Biomarkers of inflammation and oxidative stress in ophthalmic disorders. <i>Journal of Immunoassay and Immunochemistry</i> , 2020, 41, 257-271.	0.5	76
6981	Enhancement of antioxidant activity of well-dispersed core-shell structured CeO ₂ coating Au nanorods under visible light irradiation. <i>Nanotechnology</i> , 2020, 31, 235708.	1.3	3
6982	Changes in cecal morphology, cell proliferation, antioxidant enzyme, volatile fatty acids, lipopolysaccharide, and cytokines in piglets during the postweaning period. <i>Journal of Animal Science</i> , 2020, 98, .	0.2	10
6983	Flavonoids as Anticancer Agents. <i>Nutrients</i> , 2020, 12, 457.	1.7	605
6984	¹⁸ F-Labeled dihydromethidine: positron emission tomography radiotracer for imaging of reactive oxygen species in intact brain. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 2387-2391.	1.5	16
6985	Anti-inflammatory and antioxidative properties of helicid protect against CCl ₄ induced acute liver injury in mice. <i>Biotechnic and Histochemistry</i> , 2020, 95, 483-489.	0.7	6
6986	In Vitro Antioxidant Properties of Berry Leaves and Their Inhibitory Effect on Lipid Peroxidation of Thigh Meat from Broiler Chickens. <i>European Journal of Lipid Science and Technology</i> , 2020, 122, 1900384.	1.0	15
6987	Isolation and identification of antioxidant peptides from tartary buckwheat albumin (<i>Fagopyrum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.5	27
6988	Dual Character of Reactive Oxygen, Nitrogen, and Halogen Species: Endogenous Sources, Interconversions and Neutralization. <i>Biochemistry (Moscow)</i> , 2020, 85, 56-78.	0.7	20
6989	Role of Diosmin in protection against the oxidative stress induced damage by gamma-radiation in Wistar albino rats. <i>Regulatory Toxicology and Pharmacology</i> , 2020, 113, 104622.	1.3	19
6990	Endogenous doesn't always mean innocuous: a scoping review of iron toxicity by inhalation. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , 2020, 23, 107-136.	2.9	12
6991	Obesity Enhances Antioxidant Capacity and Reduces Cytokine Levels of the Spleen in Mice to Resist Splenic Injury Challenged by <i>Escherichia coli</i> . <i>Journal of Immunology Research</i> , 2020, 2020, 1-13.	0.9	12
6992	Co(III) <i>N,N</i> -diarylfornamidine dithiocarbamate complexes: Synthesis, characterization, crystal structures and biological studies. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5610.	1.7	30

#	ARTICLE	IF	CITATIONS
6993	Taurine prevents cardiomyocyte apoptosis by inhibiting the calpain-1/cytochrome c pathway during RVH in broilers. <i>Amino Acids</i> , 2020, 52, 453-463.	1.2	3
6994	Sub-lethal effects of calcium dinonylnaphthalenesulfonate on Western clawed frog embryos. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2020, 34, 100658.	0.4	3
6995	Approaching reactive species in the frame of their clinical significance: A toxicological appraisal. <i>Food and Chemical Toxicology</i> , 2020, 138, 111206.	1.8	24
6996	Steam flash explosion pretreatment enhances soybean seed coat phenolic profiles and antioxidant activity. <i>Food Chemistry</i> , 2020, 319, 126552.	4.2	33
6997	Phytochemicals of Coriander, Cumin, Fenugreek, Fennel and Black Cumin: A Preliminary Study. <i>The National Academy of Sciences, India</i> , 2020, 43, 477-480.	0.8	12
6998	Dietary methylsulfonylmethane supplementation and oxidative stress in broiler chickens. <i>Poultry Science</i> , 2020, 99, 914-925.	1.5	14
6999	Transposon Mutagenesis Screen of <i>Klebsiella pneumoniae</i> Identifies Multiple Genes Important for Resisting Antimicrobial Activities of Neutrophils in Mice. <i>Infection and Immunity</i> , 2020, 88, .	1.0	27
7000	Significant reduction of vascular reactivity with dantrolene and nimodipine in diabetic rats: a potential approach to cerebral vasospasm management in diabetes. <i>Pharmacological Reports</i> , 2020, 72, 126-134.	1.5	5
7001	Effects of Butylparaben Supplementation on In Vitro Development of Mouse Preantral Follicle. <i>Reproductive Sciences</i> , 2020, 27, 1365-1371.	1.1	10
7002	<i>Lactobacillus delbrueckii</i> Ameliorates Intestinal Integrity and Antioxidant Ability in Weaned Piglets after a Lipopolysaccharide Challenge. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-10.	1.9	27
7003	Nanodrug with ROS and pH Dual-Sensitivity Ameliorates Liver Fibrosis via Multicellular Regulation. <i>Advanced Science</i> , 2020, 7, 1903138.	5.6	59
7004	Etoazole stereoselective determination, bioaccumulation, and resulting oxidative stress in <i>Danio rerio</i> (zebrafish). <i>Ecotoxicology and Environmental Safety</i> , 2020, 192, 110287.	2.9	25
7005	Cardiac Damage in Anthracyclines Therapy: Focus on Oxidative Stress and Inflammation. <i>Antioxidants and Redox Signaling</i> , 2020, 32, 1081-1097.	2.5	40
7006	Nanocarrier-mediated antioxidant delivery for liver diseases. <i>Theranostics</i> , 2020, 10, 1262-1280.	4.6	44
7007	Quercetin-grafted chitosan prepared by free radical grafting: characterization and evaluation of antioxidant and antibacterial properties. <i>Journal of Food Science and Technology</i> , 2020, 57, 2259-2268.	1.4	21
7008	Synthesis, Characterization, and Antioxidant Activity of 8-Hydroxygenistein. <i>Natural Product Communications</i> , 2020, 15, 1934578X2090139.	0.2	4
7009	Curcumin Activates the Nrf2 Pathway and Induces Cellular Protection Against Oxidative Injury. <i>Current Molecular Medicine</i> , 2020, 20, 116-133.	0.6	85
7010	Identification of two novel prenylated flavonoids in mulberry leaf and their bioactivities. <i>Food Chemistry</i> , 2020, 315, 126236.	4.2	45

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7011	Thiosemicarbazone-metal complexes exhibiting cytotoxicity in colon cancer cell lines through oxidative stress. <i>Journal of Inorganic Biochemistry</i> , 2020, 206, 110993.	1.5	13
7012	Chromium Bioaccumulation and Its Impacts on Plants: An Overview. <i>Plants</i> , 2020, 9, 100.	1.6	257
7013	Keap1/Nrf2/ARE signaling unfolds therapeutic targets for redox imbalanced-mediated diseases and diabetic nephropathy. <i>Biomedicine and Pharmacotherapy</i> , 2020, 123, 109732.	2.5	76
7014	Synthesis of Dithiolethiones and Identification of Potential Neuroprotective Agents via Activation of Nrf2-Driven Antioxidant Enzymes. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 2214-2231.	2.4	17
7015	Mechanism of action of cocoa on bone metabolism in calcium- and estrogen-deficient rat model of osteoporosis: Evidence for site and dose-related responses and involvement of IGF-I. <i>Journal of Functional Foods</i> , 2020, 66, 103793.	1.6	5
7016	Dual enzyme-like properties of silver nanoparticles decorated Ag ₂ WO ₄ nanorods and its application for H ₂ O ₂ and glucose sensing. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 189, 110840.	2.5	37
7017	Oxidative Stress in the Pathophysiology of Kidney Disease: Implications for Noninvasive Monitoring and Identification of Biomarkers. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-11.	1.9	117
7018	Cytoskeletal Proteins in Cancer and Intracellular Stress: A Therapeutic Perspective. <i>Cancers</i> , 2020, 12, 238.	1.7	70
7019	Effects of delaying post-hatch feeding on lipid peroxidation and antioxidant enzyme mRNA expression in the pectoralis major muscle of newly hatched chicks. <i>Animal Science Journal</i> , 2020, 91, e13327.	0.6	1
7020	Gamma Tocopherol Reduced Chemotherapeutic-Induced ROS in an Ovarian Granulosa Cell Line, But Not in Breast Cancer Cell Lines In Vitro. <i>Antioxidants</i> , 2020, 9, 51.	2.2	11
7021	Dark Reactive Oxygen Species Generation in ReVO ₄ :Eu ³⁺ (Re = Gd, Y) Nanoparticles in Aqueous Solutions. <i>Journal of Physical Chemistry C</i> , 2020, 124, 3843-3850.	1.5	29
7022	Mfn2 is involved in intervertebral disc degeneration through autophagy modulation. <i>Osteoarthritis and Cartilage</i> , 2020, 28, 363-374.	0.6	51
7023	Cytotoxicity and genotoxicity of DMABEE, a co-photoinitiator of resin polymerization, on CHO-K1 cells: Role of redox and carboxylesterase. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2020, 108, 2088-2098.	1.6	2
7024	Copper oxychloride-induced testicular damage of adult albino rats and the possible role of curcumin in healing the damage. <i>Environmental Science and Pollution Research</i> , 2020, 27, 11649-11662.	2.7	8
7025	Anti-inflammatory activity of superoxide dismutase mimics functionalized with cell-penetrating peptides. <i>Dalton Transactions</i> , 2020, 49, 2323-2330.	1.6	17
7026	In-vitro antioxidant, antimutagenic and cancer cell growth inhibition activities of <i>Rhododendron arboreum</i> leaves and flowers. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 1788-1796.	1.8	23
7027	<i>tert</i> -Butyl- <i>p</i> -benzoquinone induces autophagy by inhibiting the Akt/mTOR signaling pathway in RAW 264.7 cells. <i>Food and Function</i> , 2020, 11, 4193-4201.	2.1	13
7028	MnSOD Val16Ala gene polymorphism is associated with REDOX biomarkers in the elderly of primary health care in the city of Porto Alegre. <i>Free Radical Research</i> , 2020, 54, 293-300.	1.5	1

#	ARTICLE	IF	CITATIONS
7029	ACTIVE CONSTITUENTS AND BIOLOGICAL ACTIVITY OF METHANOLIC EXTRACT OF FORSSKAOLEA VIRIDIS AERIAL PARTS. <i>Asian Journal of Pharmaceutical and Clinical Research</i> , 0, , 40-46.	0.3	3
7030	Moderate-to-Severe Depression Adversely Affects Lung Function in Chinese College Students. <i>Frontiers in Psychology</i> , 2020, 11, 652.	1.1	6
7031	Increased Tissue Expression of Lectin-Like Oxidized LDL Receptor-1 (LOX-1) Is Associated with Disease Severity in Chronic Rhinosinusitis with Nasal Polyps. <i>Diagnostics</i> , 2020, 10, 246.	1.3	4
7032	HOCl Responsive Lanthanide Complexes Using Hydroquinone Caging Units. <i>Molecules</i> , 2020, 25, 1959.	1.7	3
7033	Bioactive Phytochemical Constituents of Wild Edible Mushrooms from Southeast Asia. <i>Molecules</i> , 2020, 25, 1972.	1.7	41
7034	Redox injectable gel protects osteoblastic function against oxidative stress and suppresses alveolar bone loss in a rat peri-implantitis model. <i>Acta Biomaterialia</i> , 2020, 110, 82-94.	4.1	19
7035	Urinary levels of environmental phenols and parabens and antioxidant enzyme activity in the blood of women. <i>Environmental Research</i> , 2020, 186, 109507.	3.7	16
7036	Malaysian macroalga <i>Padina australis</i> Hauck attenuates high dose corticosterone-mediated oxidative damage in PC12 cells mimicking the effects of depression. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 1435-1445.	1.8	12
7037	Chemical structure and effects of antioxidation and against α -glucosidase of natural polysaccharide from <i>Glycyrrhiza inflata</i> Batalin. <i>International Journal of Biological Macromolecules</i> , 2020, 155, 560-571.	3.6	41
7038	Saliva in Health and Disease. , 2020, , .		15
7039	Dysregulation of nuclear factor erythroid 2-related factor 2 signaling and activation of fibrogenic pathways in hearts of high fat diet-fed rats. <i>Molecular Biology Reports</i> , 2020, 47, 2821-2834.	1.0	10
7040	Oxidative stress and diabetes: antioxidative strategies. <i>Frontiers of Medicine</i> , 2020, 14, 583-600.	1.5	246
7041	Plant-based products in cancer prevention and treatment. , 2020, , 237-259.		2
7042	Trends in the extraction, purification, characterisation and biological activities of polysaccharides from tropical and sub-tropical fruits – A comprehensive review. <i>Carbohydrate Polymers</i> , 2020, 238, 116185.	5.1	48
7043	Free radical-releasing systems for targeting biofilms. <i>Journal of Controlled Release</i> , 2020, 322, 248-273.	4.8	17
7044	Toxicological mechanism of excessive copper supplementation: Effects on coloration, copper bioaccumulation and oxidation resistance in mud crab <i>Scylla paramamosain</i> . <i>Journal of Hazardous Materials</i> , 2020, 395, 122600.	6.5	30
7045	Cardamonin: A new player to fight cancer via multiple cancer signaling pathways. <i>Life Sciences</i> , 2020, 250, 117591.	2.0	56
7046	N-Acetylcysteine and Safranal prevented the brain damage induced by hyperthyroidism in adult male rats. <i>Nutritional Neuroscience</i> , 2022, 25, 231-245.	1.5	9

#	ARTICLE	IF	CITATIONS
7047	Antioxidant Properties and Redox-Modulating Activity of Chitosan and Its Derivatives: Biomaterials with Application in Cancer Therapy. <i>BioResearch Open Access</i> , 2020, 9, 64-72.	2.6	74
7048	Homozygous damaging SOD2 variant causes lethal neonatal dilated cardiomyopathy. <i>Journal of Medical Genetics</i> , 2020, 57, 23-30.	1.5	16
7049	Kaempferol Protects Against Cerebral Ischemia Reperfusion Injury Through Intervening Oxidative and Inflammatory Stress Induced Apoptosis. <i>Frontiers in Pharmacology</i> , 2020, 11, 424.	1.6	68
7050	Development of Multifunctional Cosmetic Cream Using Bioactive Materials from <i>Streptomyces</i> sp. T65 with Synthesized Mesoporous Silica Particles SBA-15. <i>Antioxidants</i> , 2020, 9, 278.	2.2	9
7051	Wound healing effects of Persian walnut (<i>Juglans regia</i> L.) green husk on the incision wound model in rats. <i>European Journal of Translational Myology</i> , 2020, 30, 210-218.	0.8	7
7052	Cerium Oxide Nanoparticles: Advances in Biodistribution, Toxicity, and Preclinical Exploration. <i>Small</i> , 2020, 16, e1907322.	5.2	85
7053	Phenolic Compounds Exerting Lipid-Regulatory, Anti-Inflammatory and Epigenetic Effects as Complementary Treatments in Cardiovascular Diseases. <i>Biomolecules</i> , 2020, 10, 641.	1.8	38
7054	In-Vitro Evaluation of Antioxidant, Antiproliferative and Photo-Protective Activities of Benzimidazolehydrazone Derivatives. <i>Pharmaceutics</i> , 2020, 13, 68.	1.7	12
7055	A Bayesian Meta-Analysis on the Association Between Beta-Carotene and Bone Mineral Density. <i>Annals of Data Science</i> , 2022, 9, 315-325.	1.7	1
7056	A grape seed extract maternal dietary supplementation in reproductive hens reduces oxidative stress associated to modulation of plasma and tissue adipokines expression and improves viability of offsprings. <i>PLoS ONE</i> , 2020, 15, e0231131.	1.1	9
7057	A Longitudinal Study of the Antioxidant Barrier and Oxidative Stress in Morbidly Obese Patients after Bariatric Surgery. Does the Metabolic Syndrome Affect the Redox Homeostasis of Obese People?. <i>Journal of Clinical Medicine</i> , 2020, 9, 976.	1.0	27
7058	Nutraceutical perspectives and value addition of phalsa (<i>Grewia asiatica</i>): A review. <i>Journal of Food Biochemistry</i> , 2020, 44, e13228.	1.2	11
7059	Total antioxidant capacity assessment by a development of an antioxidant assay based on green synthesized MnO ₂ nanosheets. <i>Microchemical Journal</i> , 2020, 157, 104908.	2.3	17
7060	Stress-mediated generation of deleterious ROS in healthy individuals - role of cytochrome c oxidase. <i>Journal of Molecular Medicine</i> , 2020, 98, 651-657.	1.7	28
7061	Estimation of total phenolic content, total flavonoid content and antioxidant capacities of five medicinal plants from Nepal. <i>Vegetos</i> , 2020, 33, 360-366.	0.8	16
7062	Transport, noise, and health. , 2020, , 105-131.		6
7063	Antioxidative stress of oral administration of tea extract granule in chickens. <i>Poultry Science</i> , 2020, 99, 1956-1966.	1.5	4
7064	Restoring mitochondrial function and normalizing ROSâ€¦/NK/MAPK pathway exert key roles in glutamine ameliorating bisphenol Aâ€¦induced intestinal injury. <i>FASEB Journal</i> , 2020, 34, 7442-7461.	0.2	16

#	ARTICLE	IF	CITATIONS
7065	Chemical and Toxicological Analysis of Territories Affected by Radiation and Chemical Pollutants: III. Peroxide Oxidation of Lipids and Toxicity Effects of Natural Water (in vivo Studies). Russian Journal of Physical Chemistry B, 2020, 14, 130-137.	0.2	2
7066	<p>Synthesis, Characterization, Biomedical Application, Molecular Dynamic Simulation and Molecular Docking of Schiff Base Complex of Cu(II) Supported on Fe3O4/SiO2/APTS<p>. International Journal of Nanomedicine, 2020, Volume 15, 2583-2603.	3.3	26
7067	Plasma Non-Enzymatic Antioxidant Capacity (NEAC) in Relation to Dietary NEAC, Nutrient Antioxidants and Inflammation-Related Biomarkers. Antioxidants, 2020, 9, 301.	2.2	8
7068	The Role of Reactive Oxygen Species in the Life Cycle of the Mitochondrion. International Journal of Molecular Sciences, 2020, 21, 2173.	1.8	66
7069	A New Hybrid Î-Lactone Induces Apoptosis and Potentiates Anticancer Activity of Taxol in HL-60 Human Leukemia Cells. Molecules, 2020, 25, 1479.	1.7	4
7070	Steroid-induced osteonecrosis of the femoral head reveals enhanced reactive oxygen species and hyperactive osteoclasts. International Journal of Biological Sciences, 2020, 16, 1888-1900.	2.6	58
7071	Potential for antioxidant and antihyperglycemic activities of four everbearing strawberry cultivars. Horticulture Environment and Biotechnology, 2020, 61, 615-623.	0.7	5
7072	Rheumatoid arthritis: basic pathophysiology and role of chitosan nanoparticles in therapy. , 2020, , 481-507.		6
7073	The reversible surface redox of polymer dots for the assay of total antioxidant capacity in food samples. Microchemical Journal, 2020, 156, 104805.	2.3	7
7074	Bionanopolymeric film for the electroanalytical detection of zinc, cadmium and lead ions. Materials Research Innovations, 2021, 25, 138-146.	1.0	2
7075	Reactive oxygen species in male reproduction: A boon or a bane?. Andrologia, 2021, 53, e13577.	1.0	72
7076	A highly selective and sensitive upconversion nanoprobe for monitoring hydroxyl radicals in living cells and the liver. Science China Life Sciences, 2021, 64, 434-442.	2.3	3
7077	Dietary Restriction and Oxidative Stress: Friends or Enemies?. Antioxidants and Redox Signaling, 2021, 34, 421-438.	2.5	16
7078	Hop bioactive compounds in prevention of nutrition-related noncommunicable diseases. Critical Reviews in Food Science and Nutrition, 2021, 61, 1900-1913.	5.4	13
7079	Antioxidant properties of eugenol, butylated hydroxyanisole, and butylated hydroxyl toluene with key biomolecules relevant to Alzheimerâ€™s diseasesâ€™”In vitro. Journal of Food Biochemistry, 2021, 45, e13276.	1.2	12
7080	Antioxidant Therapy and Neurodegenerative Disorders: Lessons From Clinical Trials. , 2021, , 97-110.		4
7081	Hydrolysates from bee pollen could induced apoptosis in human bronchogenic carcinoma cells (ChaGo-K-1). Journal of Food Science and Technology, 2021, 58, 752-763.	1.4	7
7082	Modulatory effects of moringa (Moringa oleifera L.) leaves infested with African mistletoe () Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf sucrose dietâ€induced diabeticâ€like phenotype in fruit flies (Drosophila melanogaster M.). Journal of Food Biochemistry, 2021, 45, e13318.	1.2	7

#	ARTICLE	IF	CITATIONS
7083	Moringa oleifera leaf and seed inclusive diets influenced the restoration of biochemicals associated with erectile dysfunction in the penile tissue of STZ-induced diabetic male rats treated with/without Acarbose drug. Journal of Food Biochemistry, 2021, 45, e13323.	1.2	17
7084	Overview of Morin and Its Complementary Role as an Adjuvant for Anticancer Agents. Nutrition and Cancer, 2021, 73, 927-942.	0.9	28
7085	Solanum vegetable-based diets improve impairments in memory, redox imbalance, and altered critical enzyme activities in Drosophila melanogaster model of neurodegeneration. Journal of Food Biochemistry, 2021, 45, e13150.	1.2	9
7086	Predictive QSAR modeling for the antioxidant activity of natural compounds derivatives based on Monte Carlo method. Molecular Diversity, 2021, 25, 87-97.	2.1	35
7087	Reactive Oxygen Species and Their Impact in Neurodegenerative Diseases: Literature Landscape Analysis. Antioxidants and Redox Signaling, 2021, 34, 402-420.	2.5	69
7088	Cigarette smoking and its toxicological overview on human male fertility—a prospective review. Toxin Reviews, 2021, 40, 145-161.	1.5	8
7089	Beneficial effect of low dose gamma irradiation or quercetin on <i>Cerastes cerastes</i> snake venom induced toxicity in male rats. Toxin Reviews, 2021, 40, 35-47.	1.5	6
7090	Blocking exosomal miRNA-153-3p derived from bone marrow mesenchymal stem cells ameliorates hypoxia-induced myocardial and microvascular damage by targeting the ANGPT1-mediated VEGF/PI3k/Akt/eNOS pathway. Cellular Signalling, 2021, 77, 109812.	1.7	30
7091	Switching from healthy to unhealthy oxidative stress — does the radical type can be used as an indicator?. Free Radical Biology and Medicine, 2021, 162, 401-411.	1.3	13
7092	A highly sensitive, fast responsive and reversible naphthalimide-based fluorescent probe for hypochlorous acid and ascorbic acid in aqueous solution and living cells. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 247, 119138.	2.0	16
7093	Protective effect of Catharanthus roseus plant extracts against endosulfan and its isomers induced impacts on non-targeted insect model, Drosophila melanogaster and live brain cell imaging. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2021, 240, 108916.	1.3	4
7094	Extracellular polymeric substances with high radical scavenging ability produced in outdoor cultivation of the thermotolerant chlorophyte Graesiella sp.. Journal of Applied Phycology, 2021, 33, 357-369.	1.5	11
7095	The role of Nrf2 in neural stem/progenitors cells: From maintaining stemness and self-renewal to promoting differentiation capability and facilitating therapeutic application in neurodegenerative disease. Ageing Research Reviews, 2021, 65, 101211.	5.0	72
7096	Oxidative stress parameters and antioxidants in patients with bipolar disorder: Results from a meta-analysis comparing patients, including stratification by polarity and euthymic status, with healthy controls. Bipolar Disorders, 2021, 23, 117-129.	1.1	53
7097	Development toxicity and cardiotoxicity in zebrafish from exposure to iprodione. Chemosphere, 2021, 263, 127860.	4.2	43
7098	Influence of Dietary Habits on Oxidative Stress Markers in Hashimoto's Thyroiditis. Thyroid, 2021, 31, 96-105.	2.4	43
7099	Effects of Dose and Duration of Zinc Interventions on Risk Factors for Type 2 Diabetes and Cardiovascular Disease: A Systematic Review and Meta-Analysis. Advances in Nutrition, 2021, 12, 141-160.	2.9	56
7100	Cholinesterase inhibitory activity, antioxidant properties, and phytochemical composition of <i>Chlorococcum</i> sp. extracts. Journal of Food Biochemistry, 2021, 45, e13395.	1.2	11

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7101	Fumonisin alter redox balance in Nile tilapia fingerlings. <i>Aquaculture</i> , 2021, 530, 735735.	1.7	3
7102	Protective Effect of Organic Selenium on Oxidative Damage and Inflammatory Reaction of Rabbit Kidney Induced by T-2 Toxin. <i>Biological Trace Element Research</i> , 2021, 199, 1833-1842.	1.9	33
7103	Renoprotective Angiographic Polymersomes. <i>Advanced Functional Materials</i> , 2021, 31, .	7.8	22
7104	The possible role of the seaweed <i>Ulva fasciata</i> on ameliorating hyperthyroidism-associated heart inflammations in a rat model. <i>Environmental Science and Pollution Research</i> , 2021, 28, 6830-6842.	2.7	11
7105	Toxicological outcome of exposure to psychoactive drugs carbamazepine and diazepam on non-target insect <i>Nauphoeta cinerea</i> . <i>Chemosphere</i> , 2021, 264, 128449.	4.2	9
7106	Pomegranate juice rescues developmental, neurobehavioral and biochemical disorders in aluminum chloride-treated male mice. <i>Journal of Trace Elements in Medicine and Biology</i> , 2021, 63, 126655.	1.5	7
7107	Synthesis, Crystal structure, Electrochemical, Theoretical Studies and Antioxidant Activities of New Schiff Base. <i>Journal of Molecular Structure</i> , 2021, 1227, 129368.	1.8	12
7108	Bismuth oxide nanoparticles induce oxidative stress and apoptosis in human breast cancer cells. <i>Environmental Science and Pollution Research</i> , 2021, 28, 7379-7389.	2.7	18
7109	Abatement of neurobehavioral and neurochemical dysfunctions in cerebral ischemia/reperfusion injury by <i>Tetrapleura tetraptera</i> fruit extract. <i>Journal of Ethnopharmacology</i> , 2021, 264, 113284.	2.0	14
7110	Mesenchymal Stem Cell-Mediated Mitochondrial Transfer: a Therapeutic Approach for Ischemic Stroke. <i>Translational Stroke Research</i> , 2021, 12, 212-229.	2.3	21
7111	Isolation of arabinoxylan and cellulose-rich arabinoxylan from wheat bran of different varieties and their functionalities. <i>Food Hydrocolloids</i> , 2021, 112, 106287.	5.6	32
7112	Synthesis, crystal structure, Hirshfeld surface analysis, optical and antioxidant properties of the binuclear complex [C ₅ H ₁₄ N ₂] ₂ Bi ₂ Br ₁₀ .4H ₂ O. <i>Journal of Molecular Structure</i> , 2021, 1226, 129252.	1.8	2
7113	The effects of four plant extracts on growth, sex reversal, immunological and haemato-biochemical parameters in Nile tilapia, <i>Oreochromis niloticus</i> (Linnaeus, 1758). <i>Aquaculture Research</i> , 2021, 52, 559-576.	0.9	20
7114	Free radicals for cancer theranostics. <i>Biomaterials</i> , 2021, 266, 120474.	5.7	95
7115	Theoretical evaluation of the antioxidant activity of some stilbenes using the Density Functional Theory. <i>Journal of Molecular Structure</i> , 2021, 1229, 129496.	1.8	4
7116	Overcoming bacterial physical defenses with molecule-like ultrasmall antimicrobial gold nanoclusters. <i>Bioactive Materials</i> , 2021, 6, 941-950.	8.6	60
7117	Cytoprotective effect of ethyl acetate fraction from <i>Ephedra fragilis</i> on H ₂ O ₂ -induced oxidative damage in <i>Tetrahymena pyriformis</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2021, 239, 108899.	1.3	8
7118	Oxidative DNA damage is increased in older adults with a major depressive episode: A preliminary study. <i>Journal of Affective Disorders</i> , 2021, 279, 106-110.	2.0	6

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7119	Complex IV – The regulatory center of mitochondrial oxidative phosphorylation. <i>Mitochondrion</i> , 2021, 58, 296-302.	1.6	71
7120	Functionalization of carboxymethyl chitosan with chlorogenic acid: preparation, characterization, and antioxidant capacity. <i>Iranian Polymer Journal (English Edition)</i> , 2021, 30, 81-91.	1.3	12
7121	Total Phenols, Antioxidant Activity and Sensory Evaluation of Bread Fortified with Spearmint. <i>Arabian Journal for Science and Engineering</i> , 2021, 46, 5257-5264.	1.7	9
7122	Derivatives of gecko cathelicidin-related antioxidant peptide facilitate skin wound healing. <i>European Journal of Pharmacology</i> , 2021, 890, 173649.	1.7	15
7123	Ex vivo penetration analysis and anti-inflammatory efficacy of the association of ferulic acid and UV filters. <i>European Journal of Pharmaceutical Sciences</i> , 2021, 156, 105578.	1.9	13
7124	Effects of several atypical antipsychotics clozapine, sertindole or ziprasidone on hepatic antioxidant enzymes: Possible role in drug-induced liver dysfunction. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2021, 84, 173-182.	1.1	5
7125	Full-spectrum responsive WO ₃ @HA nanotheranostics for NIR-II photoacoustic imaging-guided PTT/PDT/CDT synergistic therapy. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 636-646.	3.0	40
7126	Perilipin 4 Protein: an Impending Target for Amyotrophic Lateral Sclerosis. <i>Molecular Neurobiology</i> , 2021, 58, 1723-1737.	1.9	1
7127	Efficient Assay for the Detection of Hydrogen Peroxide by Estimating Enzyme Promiscuous Activity in the Perhydrolysis Reaction. <i>ChemBioChem</i> , 2021, 22, 1464-1469.	1.3	2
7128	Protective effect of pregabalin on the brain tissue of diabetic rats. <i>Diabetology International</i> , 2021, 12, 207-216.	0.7	3
7129	<i>Corema album</i> spp: Edible wild crowberries with a high content in minerals and organic acids. <i>Food Chemistry</i> , 2021, 345, 128732.	4.2	18
7130	Recent progress in the LC-MS/MS analysis of oxidative stress biomarkers. <i>Electrophoresis</i> , 2021, 42, 402-428.	1.3	10
7131	Observing antimicrobial process with traceable gold nanoclusters. <i>Nano Research</i> , 2021, 14, 1026-1033.	5.8	40
7132	Recent progress in reaction-based fluorescent probes for active sulfur small molecules. <i>Dyes and Pigments</i> , 2021, 186, 108997.	2.0	35
7133	Hexane extract from <i>Spondias mombin</i> L. (Anacardiaceae) prevents behavioral and oxidative status changes on model of Parkinson's disease in zebrafish. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2021, 241, 108953.	1.3	6
7134	The new generation PFAS C6O4 does not produce adverse effects on thyroid cells in vitro. <i>Journal of Endocrinological Investigation</i> , 2021, 44, 1625-1635.	1.8	17
7135	2-Propargylamino-naphthoquinone derivatives as multipotent agents for the treatment of Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , 2021, 211, 113112.	2.6	19
7136	NOD1 activation induces oxidative stress via NOX1/4 in adipocytes. <i>Free Radical Biology and Medicine</i> , 2021, 162, 118-128.	1.3	14

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7137	Targeted isolation of 1,1-diphenyl-2-picrylhydrazyl inhibitors from <i>Saxifraga atrata</i> using medium- and high- pressure liquid chromatography combined with online high performance liquid chromatographyâ€“1,1-diphenyl-2- picrylhydrazyl detection. <i>Journal of Chromatography A</i> , 2021, 1635, 461690.	1.8	20
7138	Review of Chemical Reactivity of Singlet Oxygen with Organic Fuels and Contaminants. <i>Chemical Record</i> , 2021, 21, 315-342.	2.9	59
7139	Immune enhancement and antioxidant effects of low molecular-weight peptides derived from <i>Nibeajaponica</i> muscles on immune-deficient mice induced by cyclophosphamide. <i>Process Biochemistry</i> , 2021, 102, 42-50.	1.8	11
7140	Targeting redox-altered plasticity to reactivate synaptic function: A novel therapeutic strategy for cognitive disorder. <i>Acta Pharmaceutica Sinica B</i> , 2021, 11, 599-608.	5.7	15
7141	Synthesis of keratine, silver, and flavonols nanocomposites to inhibit oxidative stress in pancreatic beta-cell (INS-1) and reduce intracellular reactive oxygen species production. <i>Arabian Journal of Chemistry</i> , 2021, 14, 102917.	2.3	0
7142	<i>Lactobacillus plantarum</i> Y44 alleviates oxidative stress by regulating gut microbiota and colonic barrier function in Balb/C mice with subcutaneous α-galactose injection. <i>Food and Function</i> , 2021, 12, 373-386.	2.1	49
7143	Anti-obesity effect of Liupao tea extract by modulating lipid metabolism and oxidative stress in high-fat diet-induced obese mice. <i>Journal of Food Science</i> , 2021, 86, 215-227.	1.5	27
7144	Enhancing the Long-Term Stability of a Polymer Dot Glucose Transducer by Using an Enzymatic Cascade Reaction System. <i>Advanced Healthcare Materials</i> , 2021, 10, e2001019.	3.9	18
7145	Understanding the complicated relationship between antioxidants and carcinogenesis. <i>Journal of Biochemical and Molecular Toxicology</i> , 2021, 35, e22643.	1.4	18
7146	NRF2 activation by reversible KEAP1 binding induces the antioxidant response in primary neurons and astrocytes of a Huntington's disease mouse model. <i>Free Radical Biology and Medicine</i> , 2021, 162, 243-254.	1.3	32
7147	Application of freeze-dried <i>Yarrowia lipolytica</i> biomass in the synthesis of lipophilic antioxidants. <i>Biotechnology Letters</i> , 2021, 43, 601-612.	1.1	6
7148	Gold Nanozymes: From Concept to Biomedical Applications. <i>Nano-Micro Letters</i> , 2021, 13, 10.	14.4	150
7149	Î²-caryophyllene improves sexual performance via modulation of crucial enzymes relevant to erectile dysfunction in rats. <i>Toxicological Research</i> , 2021, 37, 249-260.	1.1	8
7150	Ameliorating Effects of Natural Antioxidant Compounds on Female Infertility: a Review. <i>Reproductive Sciences</i> , 2021, 28, 1227-1256.	1.1	29
7151	Anti-cholinesterase and antioxidant properties of alkaloid and phenolic-rich extracts from pawpaw (<i>Carica papaya</i>) Tj ETQq0 0,0 rgBT /Overlock 10	1.2	15
7152	Cognitive impairment by non-insulin-dependent diabetes mellitus was attenuated by dietary supplements of marble vine (<i>Dioclea reflexa</i>) and plantain (<i>Musa paradisiaca</i>) dough meals in albino rats. <i>Journal of Food Biochemistry</i> , 2021, 45, e13473.	1.2	2
7153	Synthesis and Biological Activity Evaluation of 3,4,7,8-Tetrahydro-3,3-Dimethyl-11-Aryl-2 <i>H</i> -Pyridazino[1,2- <i>a</i>]Indazole-1,6,9(11 <i>H</i>)-Triones by Using an Acidic Ionic Liquid 1-Methylimidazolium Trinitromethanide $\{[HMIM][C(NO_2)_2]_3\}$ as a Green Catalyst. <i>Polycyclic Aromatic Compounds</i> , 2021, 41, 1107-1122.	1.4	3
7154	Update on hyperbaric oxygen therapy in burn treatment. <i>Wiener Klinische Wochenschrift</i> , 2021, 133, 137-143.	1.0	10

#	ARTICLE	IF	CITATIONS
7155	Maternal serum thiol/disulfide homeostasis in pregnancies complicated by fetal hypoxia. <i>Journal of Obstetrics and Gynaecology</i> , 2021, 41, 44-48.	0.4	3
7156	Araç (Psidium cattleianum Sabine): bioactive compounds, antioxidant activity and pancreatic lipase inhibition. <i>Ciencia Rural</i> , 2021, 51, .	0.3	3
7157	Toxicological Effects of BPDE on Dysfunctions of Female Trophoblast Cells. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1300, 151-160.	0.8	5
7158	The Protective Effects of Trans-Cinnamaldehyde against D-Galactose and Aluminum Chloride-Induced Cognitive Dysfunction in Mice. <i>Neurochemical Journal</i> , 2021, 15, 50-58.	0.2	1
7159	Study on the Time-Effectiveness of Exercise Preconditioning on Heart Protection in Exhausted Rats. <i>Chinese Journal of Physiology</i> , 2021, 64, 97-105.	0.4	8
7160	Angiogenesis: Aspects in wound healing. , 2021, , 77-90.		3
7161	The antiaging property of aqueous extract of Millingtonia hortensis flowers in aging neuron. <i>Journal of Advanced Pharmaceutical Technology and Research</i> , 2021, 12, 14.	0.4	0
7162	Evaluation of Secondary Metabolites (Antibacterial and Antioxidant Activity) of Amlok (Diospyros) Tj ETQq1 1 0.784314 rgBT ₁ /Overload	1.0	1
7163	Antioxidant and Antimicrobial Activity of Endophytic Fungi Isolated from Syzygium aqueum Leaves. <i>Journal of Physics: Conference Series</i> , 2021, 1751, 012059.	0.3	2
7164	Oxidative stress in common variable immunodeficiency. <i>European Journal of Inflammation</i> , 2021, 19, 205873922110024.	0.2	2
7165	Current evidence to support the therapeutic potential of flavonoids in oxidative stress-related dermatoses. <i>Redox Report</i> , 2021, 26, 134-146.	1.4	20
7166	Polymeric Materials for Eye Surface and Intraocular Applications. <i>Biomacromolecules</i> , 2021, 22, 223-261.	2.6	20
7167	Overcoming barriers in photodynamic therapy harnessing nano-formulation strategies. <i>Chemical Society Reviews</i> , 2021, 50, 9152-9201.	18.7	254
7168	Coaction of hepatic thioredoxin and glutathione systems in iron overload-induced oxidative stress. <i>Journal of Biochemical and Molecular Toxicology</i> , 2021, 35, e22704.	1.4	24
7169	Radioprotective effect of melatonin against radiotherapy-induced cerebral cortex and cerebellum damage in rat. <i>International Journal of Radiation Biology</i> , 2021, 97, 348-355.	1.0	3
7170	Injectable ROS-scavenging hydrogel with MSCs promoted the regeneration of damaged skeletal muscle. <i>Journal of Tissue Engineering</i> , 2021, 12, 204173142110313.	2.3	21
7172	Antioxidant-rich natural fruit and vegetable products and human health. <i>International Journal of Food Properties</i> , 2021, 24, 41-67.	1.3	111
7173	Euxanthone inhibits traumatic spinal cord injury via anti-oxidative stress and suppression of p38 and PI3K/Akt signaling pathway in a rat model. <i>Translational Neuroscience</i> , 2021, 12, 114-126.	0.7	10

#	ARTICLE	IF	CITATIONS
7174	Hypothesis: Mechanisms That Prevent Recovery in Prolonged ICU Patients Also Underlie Myalgic Encephalomyelitis/Chronic Fatigue Syndrome (ME/CFS). <i>Frontiers in Medicine</i> , 2021, 8, 628029.	1.2	14
7175	The interplay between reactive oxygen species and antioxidants in cancer progression and therapy: a narrative review. <i>Translational Cancer Research</i> , 2021, 10, 4196-4206.	0.4	14
7176	Potentialities of selenium nanoparticles in biomedical science. <i>New Journal of Chemistry</i> , 2021, 45, 2849-2878.	1.4	101
7177	Recent advances in stimuli-responsive theranostic systems with aggregation-induced emission characteristics. <i>Aggregate</i> , 2021, 2, 48-65.	5.2	113
7178	Pomegranate peel attenuates dextran sulfate sodium-induced lipid peroxidation in rat small intestine by enhancing the glutathione/glutathione disulfide redox potential. <i>Journal of the Science of Food and Agriculture</i> , 2021, 101, 4278-4287.	1.7	7
7179	Polyphenols and their antioxidant and nonantioxidant effects in health and disease. , 2021, , 191-206.		0
7180	The Effect of Iron Deficiency Anemia and Different Treatment Methods on DNA Damage: 8-hydroxy-2-deoxyguanosine Level. <i>Global Pediatric Health</i> , 2021, 8, 2333794X2110413.	0.3	1
7181	Assessment of ENDPs in Animal Models of Disease. , 2021, , 319-365.		0
7182	Endophytic Fungi: A Potential Source of Bioactive Compounds for Commercial and Therapeutic Applications. , 2021, , 247-272.		5
7183	Sex Differences in Chronic Obstructive Pulmonary Disease. <i>Physiology in Health and Disease</i> , 2021, , 169-195.	0.2	1
7184	Nuclear factor erythroid 2-related factor 2-mediated antioxidant response as an indicator of oxidative stress. , 2021, , 105-113.		0
7185	Occupational formaldehyde exposure linked to increased systemic health impairments and counteracting beneficial effects of selected antioxidants. <i>Alexandria Journal of Medicine</i> , 2021, 57, 157-167.	0.4	3
7186	Rapid Response and High Selectivity for Reactive Nitrogen Species Based on Carbon Quantum Dots Fluorescent Probes. <i>Food Analytical Methods</i> , 2021, 14, 1121-1132.	1.3	7
7187	Polymeric drug delivery systems for mitigating oxidative stress. , 2021, , 525-540.		0
7188	Optically superior fluorescent probes for selective imaging of cells, tumors, and reactive chemical species. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 5208-5236.	1.5	4
7189	<i>In situ</i> hydrogen nanogenerator for bimodal imaging guided synergistic photothermal/hydrogen therapies. <i>Nanoscale</i> , 2021, 13, 15576-15589.	2.8	9
7190	Quinoline-based fluorescent probe for the detection and monitoring of hypochlorous acid in a rheumatoid arthritis model. <i>RSC Advances</i> , 2021, 11, 31656-31662.	1.7	10
7191	Exogenous application of xanthine and uric acid and nucleobase-ascorbate transporter MdNAT7 expression regulate salinity tolerance in apple. <i>BMC Plant Biology</i> , 2021, 21, 52.	1.6	20

#	ARTICLE	IF	CITATIONS
7192	Wild pink bayberry fruit: the effect of <i>in vitro</i> gastrointestinal digestion on phytochemical profiles, and antioxidant and antiproliferative activities. <i>Food and Function</i> , 2021, 12, 2126-2136.	2.1	20
7193	The Role of Oxidative Stress in Cardiovascular Aging and Cardiovascular Diseases. <i>Life</i> , 2021, 11, 60.	1.1	60
7194	Electrochemical antioxidant capacity measurement: a downsized system and its application to agricultural crops. <i>Analytical Sciences</i> , 2022, 38, 151-156.	0.8	1
7195	Crustacea (Carotenoids Namely Astaxanthins) Against Cancer. <i>Food Bioactive Ingredients</i> , 2021, , 145-178.	0.3	0
7196	Potential therapeutic effects of Nrf2 activators on intracranial hemorrhage. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 1483-1500.	2.4	24
7197	The Protective Effect of TOSCARE [®] on Toxic Actions by Reactive Oxygen Species, Chemical and Heavy Metals. <i>Food Supplements and Biomaterials for Health</i> , 2021, 1, .	0.3	1
7198	Oxidative stress and excitotoxicity: antioxidants from nutraceuticals. , 2021, , 485-497.		1
7199	Olive leaf, DNA damage and chelation therapy. , 2021, , 457-469.		2
7200	Campanula macrostachya: biological activity and identification of phenolics using a liquid chromatography electrospray ionization tandem mass spectrometry system. <i>Environmental Science and Pollution Research</i> , 2021, 28, 21812-21822.	2.7	4
7201	The effect of dietary phytochemicals on nuclear factor erythroid 2-related factor 2 (Nrf2) activation: a systematic review of human intervention trials. <i>Molecular Biology Reports</i> , 2021, 48, 1745-1761.	1.0	33
7202	The role of antioxidants and ROS scavenging machinery in wild mushrooms. , 2021, , 245-251.		2
7203	Effect of Ceratonia siliqua L. extract on DNA Fragmentation of Sperm in Adult Male Mice Treated with Cyclophosphamide. <i>Reproductive Sciences</i> , 2021, 28, 974-981.	1.1	6
7204	Dietary supplementations of methionine improve growth performances, innate immunity, digestive enzymes, and antioxidant activities of rohu (<i>Labeo rohita</i>). <i>Fish Physiology and Biochemistry</i> , 2021, 47, 451-464.	0.9	11
7205	Isoprostanes in Veterinary Medicine: Beyond a Biomarker. <i>Antioxidants</i> , 2021, 10, 145.	2.2	8
7206	Optimization of Lipophilic Metalloporphyrins Modifies Disease Outcomes in a Rat Model of Parkinsonism. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2021, 377, 1-10.	1.3	2
7207	Mushroom-related toxins, alpha amanitin, and usage of antioxidants: Directions toward antioxidant capacity. , 2021, , 447-456.		0
7208	Effects of GSTT1 and GSTM1 polymorphisms in glutathione levels and breast cancer development in Brazilian patients. <i>Molecular Biology Reports</i> , 2021, 48, 33-40.	1.0	5
7209	Horse mushroom (<i>Agaricus arvensis</i> Schaeff.) prevents oxidative stress in carbon tetrachloride toxicity. , 2021, , 541-549.		0

#	ARTICLE	IF	CITATIONS
7210	OBSOLETE: Drug Metabolism: Cytochrome P450. , 2021, , .		0
7211	Synergistic effects of herbal zinc oxide nanoparticles (ZnONPs) and its anti-hyperglycemic and anti-bacterial effects. <i>Materials Today: Proceedings</i> , 2021, 36, 390-396.	0.9	5
7212	Biological Evaluation of <i>Aegle marmelos</i> Fruit Extract and Isolated Aegeline in Alleviating Pain & Depression Dyad: In Silico Analysis of Aegeline on MAO-A and iNOS. <i>ACS Omega</i> , 2021, 6, 2034-2044.	1.6	5
7213	Antioxidant effects of L-citrulline supplementation in high-fat diet- and dexamethasone-induced Type-2 diabetes mellitus in wistar rats (<i>Rattus norvegicus</i>). <i>Nigerian Journal of Experimental and Clinical Biosciences</i> , 2021, 9, 95.	0.1	1
7214	Forty-One Plant Extracts Screened for Dual Antidiabetic and Antioxidant Functions: Evaluating the Types of Correlation between \pm -Amylase Inhibition and Free Radical Scavenging. <i>Molecules</i> , 2021, 26, 317.	1.7	13
7215	Phenolic Compounds Impact on Rheumatoid Arthritis, Inflammatory Bowel Disease and Microbiota Modulation. <i>Pharmaceutics</i> , 2021, 13, 145.	2.0	29
7216	Plant-Microbe Symbiosis led synthesis of Bioactive Compounds. , 2021, , 21-40.		1
7217	Is low-level metal exposure related to testicular cancer?. <i>Journal of Environmental Science and Health, Part C: Toxicology and Carcinogenesis</i> , 2021, 39, 87-107.	0.4	3
7218	Selenium in the Treatment of Graves'™ Hyperthyroidism and Eye Disease. <i>Frontiers in Endocrinology</i> , 2020, 11, 608428.	1.5	24
7219	Evaluation of oxidative stress biomarkers and antioxidant parameters in allergic asthma patients with different level of asthma control. <i>Journal of Asthma</i> , 2022, 59, 663-672.	0.9	17
7220	Comparing the abundance of HClO in cancer/normal cells and visualizing <i>in vivo</i> using a mitochondria-targeted ultra-fast fluorescent probe. <i>Analyst, The</i> , 2021, 146, 3361-3367.	1.7	21
7221	Oxidative Stress and Free Radicals. , 2021, , 5667-5671.		0
7222	Developmental Programming: Physiological Impacts of Prenatal Melatonin Administration on Reproductive Capacity and Serum Triiodothyronine of Adult Female Offspring Rat Born to Moms Exposed to Bisphenol A During Pregnancy. <i>Reproductive Sciences</i> , 2021, 28, 1956-1966.	1.1	5
7223	Diets supplemented with raw and roasted pumpkin (<i>Cucurbita pepo</i> L) seeds improved some biochemical parameters associated with erectile function in rats. <i>Journal of Food Biochemistry</i> , 2021, 45, e13629.	1.2	5
7224	Potential urine biomarkers in bladder outlet obstruction-related detrusor underactivity. <i>Tzu Chi Medical Journal</i> , 2022, 34, 388.	0.4	3
7225	Anti-Inflammatory and Anti-Oxidant Effects of Korean Ginseng Berry Extract in LPS-Activated RAW264.7 Macrophages. <i>The American Journal of Chinese Medicine</i> , 2021, 49, 719-735.	1.5	8
7226	The interplay of oxidative stress and ARMS2-HTRA1 genetic risk in neovascular AMD. <i>Vessel Plus</i> , 2021, ,	0.4	4
7227	Antioxidants in olive oil phenolics: a focus on myoblasts. , 2021, , 301-312.		0

#	ARTICLE	IF	CITATIONS
7228	Recommended resources on cancer: Oxidative stress and dietary antioxidants. , 2021, , 547-551.		0
7229	Effect of antioxidants on preimplantation embryo development<i>in vitro</i>: a review. <i>Zygote</i> , 2021, 29, 179-193.	0.5	16
7230	The antioxidant effect of Peruvian maca (<i>Lepidium meyenii</i>). , 2021, , 519-525.		2
7231	Recommended resources on toxicology: oxidative stress and dietary antioxidants. , 2021, , 551-556.		0
7232	Flavonoids: Potential Candidates for the Treatment of Neurodegenerative Disorders. <i>Biomedicines</i> , 2021, 9, 99.	1.4	53
7233	6-Shogaol from ginger shows anti-tumor effect in cervical carcinoma via PI3K/Akt/mTOR pathway. <i>European Journal of Nutrition</i> , 2021, 60, 2781-2793.	1.8	25
7234	Research Status and Progress of Reactive Oxygen Species in Ophthalmic Diseases. <i>Advances in Clinical Medicine</i> , 2021, 11, 4092-4098.	0.0	0
7235	Evaluation of In-vitro Antioxidant Potential, and Screening and Characterization of Phytochemicals Using hydroethanolic Leaf Extract of <i>Caesalpinia Pulcherrima</i> . <i>Current Biotechnology</i> , 2021, 9, 312-322.	0.2	0
7236	Oxidative stress as a key feature of autoimmune thyroiditis: an update. <i>Minerva Endocrinologica</i> , 2021, 45, 326-344.	1.7	19
7237	NAD+ metabolism, stemness, the immune response, and cancer. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 2.	7.1	189
7238	Reaction between Graphene Oxide and Intracellular Glutathione Affects Cell Viability and Proliferation. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 3528-3535.	4.0	24
7239	Study on mechanism of low bioavailability of black tea theaflavins by using Caco-2 cell monolayer. <i>Drug Delivery</i> , 2021, 28, 1737-1747.	2.5	8
7240	A recent update on the multifaceted health benefits associated with ginger and its bioactive components. <i>Food and Function</i> , 2021, 12, 519-542.	2.1	68
7241	Dynamic regulation of anti-oxidation following donation repairing after circulatory determined death renal transplantation with prolonged non-heart-beating time. <i>Journal of Biomedical Research</i> , 2021, 35, 383.	0.7	0
7242	Understanding the relationship between oxidative stress and cognition in the elderly. , 2021, , 57-80.		1
7243	Investigation of Changes in the Microviscosity of the Erythrocyte Membranes and Glutathione in the Plasma of Animals with an Experimental Pathology Type Alzheimer's Diseases. <i>Russian Journal of Physical Chemistry B</i> , 2021, 15, 112-118.	0.2	0
7244	Ferulic acid promotes muscle glucose uptake and modulate dysregulated redox balance and metabolic pathways in ferric-induced pancreatic oxidative injury. <i>Journal of Food Biochemistry</i> , 2021, , e13641.	1.2	10
7245	The effect of kefir-spirulina on glycemic status and antioxidant activity in hyperglycemia rats. <i>Potravinarstvo</i> , 0, 15, 101-110.	0.5	4

#	ARTICLE	IF	CITATIONS
7246	Abatement of the dysfunctional hypothalamicâ€“pituitaryâ€“gonadal axis due to ciprofloxacin administration by selenium in male rats. <i>Journal of Biochemical and Molecular Toxicology</i> , 2021, 35, e22741.	1.4	5
7247	Therapeutic implications of functional tea ingredients for ameliorating inflammatory bowel disease: a focused review. <i>Critical Reviews in Food Science and Nutrition</i> , 2022, 62, 5307-5321.	5.4	18
7248	Hydrogen peroxideâ€“induced oxidative stress impairs redox status and damages aerobic metabolism of breast muscle in broilers. <i>Poultry Science</i> , 2021, 100, 918-925.	1.5	21
7249	((<i>E</i>)- <i>N</i> -(4-((2-Amino-5-phenylpyridin-3-yl)imino)methyl)pyridin-2-yl)cyclopropanecarboxamide) Ameliorated A β ²⁻⁴² -Induced Alzheimerâ€™s Disease in SD Rats by Inhibiting Oxidative Stress and Apoptosis. <i>ACS Chemical Neuroscience</i> , 2021, 12, 640-650.	1.7	6
7250	Development of a Digital Microscope Spectrophotometric System for Determination of the Antioxidant Activity and Total Phenolic Content in Teas. <i>Analytical Letters</i> , 2021, 54, 2727-2735.	1.0	5
7252	FREE RADICAL SCAVENGING POTENCY OF FIVE DATE PALM (PHOENIX DACTYLIFERA L.) FRUIT VARIETIES CULTIVATED IN KHAIRPUR MIRâ€™S. <i>Pakistan Journal of Agriculture, Agricultural Engineering & Veterinary Sciences</i> , 2021, 36, 101-105.	0.2	0
7253	Respiratory Burst and TNF- α Receptor Expression of Neutrophils after Sepsis and Severe Injury-Induced Inflammation in Children. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 2187.	1.2	5
7254	Inflammatory Response Mechanisms of the Dentineâ€“Pulp Complex and the Periapical Tissues. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1480.	1.8	135
7255	The role of melatonin on acute thyroid damage induced by high dose rate X-ray in head and neck radiotherapy. <i>Radiation Physics and Chemistry</i> , 2021, 179, 109206.	1.4	7
7256	Emerging Evidence Highlighting the Importance of Redox Dysregulation in the Pathogenesis of Amyotrophic Lateral Sclerosis (ALS). <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 581950.	1.8	15
7257	New Spirocyclic Hydroxamic Acids as Effective Antiproliferative Agents. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2021, 21, 597-610.	0.9	5
7258	Multiple Mechanisms Regulate Eukaryotic Cytochrome C Oxidase. <i>Cells</i> , 2021, 10, 514.	1.8	20
7259	Mechanism of Action of Xiaoyao San in Treatment of Ischemic Stroke is Related to Anti-Apoptosis and Activation of PI3K/Akt Pathway. <i>Drug Design, Development and Therapy</i> , 2021, Volume 15, 753-767.	2.0	11
7260	Effects of Environmental Pollutants on the Male Reproductive System. , 2021, , 7-38.		1
7261	Efficacy and Safety of N-Acetylcysteine for the Management of Chronic Pain in Adults: A Systematic Review and Meta-Analysis. <i>Pain Medicine</i> , 2021, 22, 2896-2907.	0.9	10
7262	The Effect of Turkish Coffee on Performance, Biochemical, and Physiological Parameters in Rabbits. <i>Harran Âœniversitesi Veteriner FakÃ¼ltesi Dergisi</i> , 2021, 10, 36-42.	0.1	1
7263	Antioxidant potential of family Cucurbitaceae with special emphasis on <i>Cucurbita</i> genus: A key to alleviate oxidative stressâ€“mediated disorders. <i>Phytotherapy Research</i> , 2021, 35, 3533-3557.	2.8	14
7264	Oxidative Stress in Non-alcoholic Fatty Liver Disease. An Updated Mini Review. <i>Frontiers in Medicine</i> , 2021, 8, 595371.	1.2	116

#	ARTICLE	IF	CITATIONS
7265	Mitochondrial Dysfunction and Oxidative Stress Caused by Cryopreservation in Reproductive Cells. <i>Antioxidants</i> , 2021, 10, 337.	2.2	70
7266	Glycolate combats massive oxidative stress by restoring redox potential in <i>Caenorhabditis elegans</i> . <i>Communications Biology</i> , 2021, 4, 151.	2.0	14
7267	Pituitary Adenylate Cyclase-Activating Polypeptide: A Potent Therapeutic Agent in Oxidative Stress. <i>Antioxidants</i> , 2021, 10, 354.	2.2	11
7268	<i>Vitex agnus-castus</i> L. (Chasteberry) extracts shows in vitro and in vivo anti-inflammatory and anti-tumor propensities via reduction of cyclooxygenase-2 activity and oxidative stress complications. <i>South African Journal of Botany</i> , 2021, 143, 363-373.	1.2	3
7269	Therapeutic nanostructures and nanotoxicity. <i>Journal of Applied Toxicology</i> , 2021, 41, 1494-1517.	1.4	15
7270	Mitochondrial Dysfunction and Oxidative Stress in Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 617588.	1.7	236
7271	Fighting Bisphenol A-Induced Male Infertility: The Power of Antioxidants. <i>Antioxidants</i> , 2021, 10, 289.	2.2	33
7273	Biochemical transmutation in <i>Lumbricus terrestris</i> and phytoextraction of heavy metals from the swamp of Challawa industrial layout, Kano, Nigeria. <i>SN Applied Sciences</i> , 2021, 3, 1.	1.5	1
7274	A ciência de alimentos na sua mesa: o uso da farinha do açafrão como ingrediente rico em antioxidantes para melhoria da saudabilidade em massas frescas integrais. <i>Research, Society and Development</i> , 2021, 10, e47610211167.	0.0	1
7275	Cargo-templated Crosslinked Polymer Nanocapsules and Their Biomedical Applications. <i>Advanced NanoBiomed Research</i> , 2021, 1, 2000078.	1.7	9
7276	STRESS OXY HOÁ·VÁ»ŠI UNG THÆ. <i>Journal of Clinical Medicine- Hue Central Hospital</i> , 2021, , .	0.0	0
7277	Structure-Activity Relationship and Therapeutic Benefits of Flavonoids in the Management of Diabetes and Associated Disorders. <i>Pharmaceutical Chemistry Journal</i> , 2021, 54, 1106-1125.	0.3	8
7278	Natural Products and Extracts as Xantine Oxidase Inhibitors - A Hope for Gout Disease?. <i>Current Pharmaceutical Design</i> , 2021, 27, 143-158.	0.9	19
7279	Discrepancies on the Role of Oxygen Gradient and Culture Condition on Mesenchymal Stem Cell Fate. <i>Advanced Healthcare Materials</i> , 2021, 10, e2002058.	3.9	42
7280	Therapeutic potential of mangiferin in the treatment of various neuropsychiatric and neurodegenerative disorders. <i>Neurochemistry International</i> , 2021, 143, 104939.	1.9	22
7281	Adaptogenic potential of royal jelly in reproductive system of heat stress-exposed male rats. <i>Journal of Thermal Biology</i> , 2021, 96, 102827.	1.1	4
7282	Friend or Foe: Xenobiotic Activation of Nrf2 in Disease Control and Cardioprotection. <i>Pharmaceutical Research</i> , 2021, 38, 213-241.	1.7	6
7283	Role of Calcium Homeostasis in Ischemic Stroke: A Review. <i>CNS and Neurological Disorders - Drug Targets</i> , 2022, 21, 52-61.	0.8	27

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7284	Blunted Reducing Power Generation in Erythrocytes Contributes to Oxidative Stress in Prepubertal Obese Children with Insulin Resistance. <i>Antioxidants</i> , 2021, 10, 244.	2.2	14
7285	Glossary and tutorial of xenobiotic metabolism terms used during small molecule drug discovery and development (IUPAC Technical Report). <i>Pure and Applied Chemistry</i> , 2021, 93, 273-403.	0.9	3
7286	Effects of high fructose diet on lipid metabolism and the hepatic NF- κ B/ SIRT-1 pathway. <i>Biotechnic and Histochemistry</i> , 2022, 97, 30-38.	0.7	7
7287	Biological and Therapeutic Effects of Troxerutin: Molecular Signaling Pathways Come into View. <i>Journal of Pharmacopuncture</i> , 2021, 24, 1-13.	0.4	19
7288	Creatine Supplementation, Physical Exercise and Oxidative Stress Markers: A Review of the Mechanisms and Effectiveness. <i>Nutrients</i> , 2021, 13, 869.	1.7	38
7289	Genome-wide long noncoding RNA and mRNA expression profiles demonstrate associations between exposure to inorganic elements and the risk of developing hepatocellular carcinoma. <i>BMC Medical Genomics</i> , 2021, 14, 85.	0.7	2
7290	Hyperoxia After Return of Spontaneous Circulation in Cardiac Arrest Patients. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2021, , .	0.6	1
7291	2-acetylphenothiazine protects L929 fibroblasts against UVB-induced oxidative damage. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2021, 216, 112130.	1.7	8
7292	Antioxidants, Food Processing and Health. <i>Antioxidants</i> , 2021, 10, 433.	2.2	32
7293	Gold-Modified Micellar Composites as Colorimetric Probes for the Determination of Low Molecular Weight Thiols in Biological Fluids Using Consumer Electronic Devices. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 2705.	1.3	4
7294	Glycine alleviates fluoride-induced oxidative stress, apoptosis and senescence in a porcine testicular Sertoli cell line. <i>Reproduction in Domestic Animals</i> , 2021, 56, 884-896.	0.6	10
7295	A Systemic Review on Microalgal Peptides: Bioprocess and Sustainable Applications. <i>Sustainability</i> , 2021, 13, 3262.	1.6	19
7296	Hypochlorous acid selectively promotes toxicity and the expression of danger signals in human abdominal cancer cells. <i>Oncology Reports</i> , 2021, 45, .	1.2	8
7297	Antioxidant and organic acid evaluation of Geaster saccatum mushroom by chemical and electrochemical assay at carbon nanotube paste electrode. <i>Journal of King Saud University - Science</i> , 2021, 33, 101336.	1.6	1
7298	Antioxidative Stress Mechanisms behind Resveratrol: A Multidimensional Analysis. <i>Journal of Food Quality</i> , 2021, 2021, 1-12.	1.4	17
7300	Antioxidant and reduced skin-ageing effects of a polyphenol-enriched dietary supplement in response to air pollution: a randomized, double-blind, placebo-controlled study. <i>Food and Nutrition Research</i> , 2021, 65, .	1.2	17
7301	Effects of Dietary Strategies on Exercise-Induced Oxidative Stress: A Narrative Review of Human Studies. <i>Antioxidants</i> , 2021, 10, 542.	2.2	13
7302	Polymerized Whey Protein Concentrate-Based Glutathione Delivery System: Physicochemical Characterization, Bioavailability and Sub-Chronic Toxicity Evaluation. <i>Molecules</i> , 2021, 26, 1824.	1.7	4

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7303	Validation of a flow cytometric assay to detect intraerythrocytic reactive oxygen species in horses. <i>Veterinary Clinical Pathology</i> , 2021, 50, 20-27.	0.3	5
7304	Evaluation of Indonesian mangrove <i>Xylocarpus granatum</i> leaves ethyl acetate extract as potential anticancer drug. <i>Scientific Reports</i> , 2021, 11, 6080.	1.6	13
7305	Dietary organic zinc promotes growth, immune response and antioxidant capacity by modulating zinc signaling in juvenile Pacific white shrimp (<i>Litopenaeus vannamei</i>). <i>Aquaculture Reports</i> , 2021, 19, 100638.	0.7	11
7306	Amelioration effect of black seed oil against high-fat diet-induced obesity in rats through Nrf2/HO-1 pathway. <i>Journal of Food Biochemistry</i> , 2021, 45, e13693.	1.2	5
7307	Molecular and biological functions of gingerol as a natural effective therapeutic drug for cervical cancer. <i>Journal of Ovarian Research</i> , 2021, 14, 43.	1.3	15
7308	UHPLC-QToF-MS characterization of bioactive metabolites from <i>Quercus robur</i> L. grown in South Africa for antioxidant and antidiabetic properties. <i>Arabian Journal of Chemistry</i> , 2021, 14, 102970.	2.3	17
7309	Proteins extracted from seaweed <i>Undaria pinnatifida</i> and their potential uses as foods and nutraceuticals. <i>Critical Reviews in Food Science and Nutrition</i> , 2022, 62, 6187-6203.	5.4	22
7310	Review of the mechanism underlying mefloquine-induced neurotoxicity. <i>Critical Reviews in Toxicology</i> , 2021, 51, 209-216.	1.9	10
7311	Bioactive phenolic components and potential health effects of chestnut shell: A review. <i>Journal of Food Biochemistry</i> , 2021, 45, e13696.	1.2	21
7312	New insights into targeting mitochondria in ischemic injury. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2021, 26, 163-183.	2.2	25
7314	The controversial effects of dehydrated powder of <i>Gracilaria birdiae</i> as a food supplement to juvenile male rats. <i>Journal of Applied Phycology</i> , 2021, 33, 1853-1867.	1.5	1
7315	Common and Novel Markers for Measuring Inflammation and Oxidative Stress Ex Vivo in Research and Clinical Practice—Which to Use Regarding Disease Outcomes?. <i>Antioxidants</i> , 2021, 10, 414.	2.2	44
7316	Impacts of Heat Stress-Induced Oxidative Stress on the Milk Protein Biosynthesis of Dairy Cows. <i>Animals</i> , 2021, 11, 726.	1.0	27
7317	<i>Lactobacillus delbrueckii</i> Protected Intestinal Integrity, Alleviated Intestinal Oxidative Damage, and Activated Toll-Like Receptor-Bruton's Tyrosine Kinase-Nuclear Factor Erythroid 2-Related Factor 2 Pathway in Weaned Piglets Challenged with Lipopolysaccharide. <i>Antioxidants</i> , 2021, 10, 468.	2.2	21
7318	Cyclic Voltammetry in Biological Samples: A Systematic Review of Methods and Techniques Applicable to Clinical Settings. <i>Signals</i> , 2021, 2, 138-158.	1.2	20
7319	HPV and Other Microbiota; Who's Good and Who's Bad: Effects of the Microbial Environment on the Development of Cervical Cancer—A Non-Systematic Review. <i>Cells</i> , 2021, 10, 714.	1.8	9
7320	A novel hydrogen peroxide evolved CHO host can improve the expression of difficult to express bispecific antibodies. <i>Biotechnology and Bioengineering</i> , 2021, 118, 2326-2337.	1.7	7
7321	Association between Vitamin D Supplements, Oxidative Stress Biomarkers, and Hyperbaric Therapy in Patients with Sudden Sensorineural Hearing Loss. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 1-10.	1.9	5

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7322	Response of TRPM2 Channel to Hypercapnic Acidosis and Role of Zn, Se, and GSH. <i>Biological Trace Element Research</i> , 2022, 200, 147-155.	1.9	0
7323	The Association of Oxidative Stress in the Uvular Mucosa with Obstructive Sleep Apnea Syndrome: A Clinical Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 1132.	1.0	6
7324	Purification, Structural Characteristics, and Biological Activities of Exopolysaccharide Isolated From <i>Leuconostoc mesenteroides</i> SN-8. <i>Frontiers in Microbiology</i> , 2021, 12, 644226.	1.5	15
7325	Anti-inflammatory Effects of <i>S. cumini</i> Seed Extract on Gelatinase-B (MMP-9) Regulation against Hyperglycemic Cardiomyocyte Stress. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-14.	1.9	10
7326	Characterization of Oxygenated Heterocyclic Compounds and in vitro Antioxidant Activity of Pomelo Essential Oil. <i>Drug Design, Development and Therapy</i> , 2021, Volume 15, 937-947.	2.0	9
7327	Relation between Inflammation, Oxidative Stress, and Macronutrient Intakes in Normal and Excessive Body Weight Adolescent Girls with Clinical Features of Polycystic Ovary Syndrome. <i>Nutrients</i> , 2021, 13, 896.	1.7	25
7328	Rendering Banana Plant Residues into a Potentially Commercial Byproduct by Doping Cellulose Films with Phenolic Compounds. <i>Polymers</i> , 2021, 13, 843.	2.0	5
7329	Modulation of physiological oxidative stress and antioxidant status by abiotic factors especially salinity in aquatic organisms. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2021, 241, 108971.	1.3	53
7330	Pharmacognostic Profile, In-vitro Antioxidant and Hepatoprotective Potential of Ethanolic Fruit Extract of <i>Pyrus communis</i> Linn.. <i>Current Bioactive Compounds</i> , 2021, 17, .	0.2	2
7331	The Influence of Plant Extracts and Phytoconstituents on Antioxidant Enzymes Activity and Gene Expression in the Prevention and Treatment of Impaired Glucose Homeostasis and Diabetes Complications. <i>Antioxidants</i> , 2021, 10, 480.	2.2	16
7332	Recent Advances in Anti-Metastatic Approaches of Herbal Medicines in 5 Major Cancers: From Traditional Medicine to Modern Drug Discovery. <i>Antioxidants</i> , 2021, 10, 527.	2.2	16
7333	DFT and molecular dynamics studies of astaxanthin-metal ions (Cu ²⁺ and Zn ²⁺) complex to prevent glycated human serum albumin from possible unfolding. <i>Heliyon</i> , 2021, 7, e06548.	1.4	7
7334	Antioxidant, histopathological and biochemical outcomes of short-term exposure to acetamiprid in liver and brain of rat: The protective role of N-acetylcysteine and S-methylcysteine. <i>Saudi Pharmaceutical Journal</i> , 2021, 29, 280-289.	1.2	12
7335	Underutilised fruits of Agasthyamala Biosphere Reserve: a potential source of natural antioxidants. <i>Vegetos</i> , 2021, 34, 447-452.	0.8	3
7336	Chromatographic profile and antioxidant and enzyme inhibitory activity of <i>Sideritis leptoclada</i> : An endemic plant from Turkey. <i>South African Journal of Botany</i> , 2021, 143, 393-393.	1.2	5
7337	Medicinal Prospects of Antioxidants From Algal Sources in Cancer Therapy. <i>Frontiers in Pharmacology</i> , 2021, 12, 593116.	1.6	42
7338	In vivo and in vitro hepatoprotective effect of three endemic plants against carbon tetrachloride-induced liver damage in rats. <i>Acta Scientifica Naturalis</i> , 2021, 8, 15-36.	0.0	0
7339	Ambient hydrogen sulfide exposure increases the severity of influenza A virus infection in swine. <i>Archives of Environmental and Occupational Health</i> , 2021, 76, 526-538.	0.7	3

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7340	Spicy Herb Extracts as a Potential Improver of the Antioxidant Properties and Inhibitor of Enzymatic Browning and Endogenous Microbiota Growth in Stored Mung Bean Sprouts. <i>Antioxidants</i> , 2021, 10, 425.	2.2	4
7341	Effect of additives on short-term storage of ram semen. <i>Journal of Advances in VetBio Science and Techniques</i> , 0, , .	0.1	0
7342	Redox-sensitive signalling pathways regulated by human papillomavirus in HPV-related cancers. <i>Reviews in Medical Virology</i> , 2021, 31, e2230.	3.9	9
7343	Molecular Transformations in DNA under the Influence of UV-radiation. <i>Current Applied Polymer Science</i> , 2021, 4, 40-46.	0.2	0
7344	Metabolic energy variation of yeast affects its antioxidant properties in beer brewing. <i>Systems Microbiology and Biomanufacturing</i> , 2021, 1, 311-322.	1.5	0
7345	Characterization of NADPH Oxidase Expression and Activity in Acute Myeloid Leukemia Cell Lines: A Correlation with the Differentiation Status. <i>Antioxidants</i> , 2021, 10, 498.	2.2	10
7346	Preserving Efficiency of Sausage Inoculated With <i>Listeria Monocytogenes</i> by Ginger Extract. <i>Annals of Agricultural Science Moshtohor</i> , 2021, 59, 111-122.	0.0	0
7347	Avocado/soy unsaponifiables can redress the balance between serum antioxidant and oxidant levels in patients with osteoarthritis: a double-blind, randomized, placebo-controlled, cross-over study. <i>Journal of Complementary and Integrative Medicine</i> , 2020, .	0.4	2
7348	A zero dimensional hybrid organic- inorganic perovskite CuCl ₄ based: Synthesis, crystal structure, vibrational, optical properties, DFT and TDFT calculations, dielectric properties and biological activity. <i>Journal of Molecular Structure</i> , 2021, 1229, 129838.	1.8	6
7349	Mechanisms underlying protective effects of vitamin E against mycotoxin deoxynivalenol-induced oxidative stress and its related cytotoxicity in primary human brain endothelial cells. <i>Environmental Toxicology</i> , 2021, 36, 1375-1388.	2.1	6
7350	Nrf2 signalling pathway and autophagy impact on the preventive effect of green tea extract against alcohol-induced liver injury. <i>Journal of Pharmacy and Pharmacology</i> , 2021, 73, 986-995.	1.2	9
7351	Physiological and immune responses to long road transportation in Andaman local pigs. <i>Tropical Animal Health and Production</i> , 2021, 53, 247.	0.5	5
7352	Sesquiterpene lactones from <i>Lychnophora</i> species: Antinociceptive, anti-inflammatory, and antioxidant pathways to treat acute gout. <i>Journal of Ethnopharmacology</i> , 2021, 269, 113738.	2.0	10
7353	C-Phycocyanin-derived Phycocyanobilin as a Potential Nutraceutical Approach for Major Neurodegenerative Disorders and COVID-19- induced Damage to the Nervous System. <i>Current Neuropharmacology</i> , 2021, 19, 2250-2275.	1.4	28
7354	BIOCHEMICAL MECHANISMS OF OXIDATIVE STRESS IN ANIMALS EXPOSED TO HEXAVALENT CHROMIUM COMPOUNDS IN THE CASE OF ISONIAZID-RIFAMPICIN HEPATITIS. <i>Farmacia</i> , 2021, 69, 253-259.	0.1	1
7355	Effect of antioxidants intake on oxidative stress among mobile phone users. <i>Egyptian Journal of Chemistry</i> , 2021, .	0.1	0
7356	Environmental toxicants, oxidative stress and health adversities: interventions of phytochemicals. <i>Journal of Pharmacy and Pharmacology</i> , 2022, 74, 516-536.	1.2	13
7357	Salivary Biomarkers of Oxidative Stress and Inflammation in Stroke Patients: From Basic Research to Clinical Practice. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-22.	1.9	21

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7358	Targeting Ferroptosis against Ischemia/Reperfusion Cardiac Injury. <i>Antioxidants</i> , 2021, 10, 667.	2.2	81
7359	The Effect of Different Fertilization Regimes on Yield, Selected Nutrients, and Bioactive Compounds Profiles of Onion. <i>Agronomy</i> , 2021, 11, 883.	1.3	17
7361	Effect of Physiological Concentrations of Vitamin C on the Inhibition of Hydroxyl Radical Induced Light Emission from Fe ²⁺ -EGTA-H ₂ O ₂ and Fe ³⁺ -EGTA-H ₂ O ₂ Systems In Vitro. <i>Molecules</i> , 2021, 26, 1993.	1.7	2
7362	ANTIOXIDANT ACTIVITY SCREENING MODELS AND THEIR MECHANISM: A REVIEW. <i>Plant Archives</i> , 2021, 21, .	0.1	0
7363	Antioxidants for the Treatment of Retinal Disease: Summary of Recent Evidence. <i>Clinical Ophthalmology</i> , 2021, Volume 15, 1621-1628.	0.9	17
7364	Comparison of ginsenoside (Rg1, Rb1) content and radical-scavenging activities of wild-simulated ginseng extract with respect to the solvent. <i>Korean Journal of Food Preservation</i> , 2021, 28, 261-269.	0.2	0
7365	Preliminary in vitro comparison of ¹¹¹ In and ¹³¹ I labeled nimotuzumabs. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2021, 328, 527-537.	0.7	5
7366	SS-31 Protects Liver from Ischemia-Reperfusion Injury via Modulating Macrophage Polarization. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-16.	1.9	23
7367	Tailoring Supramolecular Prodrug Nanoassemblies for Reactive Nitrogen Species-Potentiated Chemotherapy of Liver Cancer. <i>ACS Nano</i> , 2021, 15, 8663-8675.	7.3	87
7368	Oxidative Stress and Hypertension. <i>Circulation Research</i> , 2021, 128, 993-1020.	2.0	188
7369	A Genome-Wide Screen in <i>Saccharomyces cerevisiae</i> Reveals a Critical Role for Oxidative Phosphorylation in Cellular Tolerance to Lithium Hexafluorophosphate. <i>Cells</i> , 2021, 10, 888.	1.8	7
7370	Oxidative status in plasma, urine and saliva of girls with anorexia nervosa and healthy controls: a cross-sectional study. <i>Journal of Eating Disorders</i> , 2021, 9, 54.	1.3	6
7371	Increase in Autoantibodies-Abzymes with Peroxidase and Oxidoreductase Activities in Experimental Autoimmune Encephalomyelitis Mice during the Development of EAE Pathology. <i>Molecules</i> , 2021, 26, 2077.	1.7	4
7372	The mechanisms of mitochondrial dysfunction and glucose intake decrease induced by Microcystin-LR in ovarian granulosa cells. <i>Ecotoxicology and Environmental Safety</i> , 2021, 212, 111931.	2.9	12
7373	Does vitamin C minimise exercise-induced oxidative stress?. <i>Sport Sciences for Health</i> , 2021, 17, 505-533.	0.4	4
7374	Synthesis of novel indolo[3,2-c]isoquinoline derivatives bearing pyrimidine, piperazine rings and their biological evaluation and docking studies against COVID-19 virus main protease. <i>Journal of Molecular Structure</i> , 2021, 1229, 129829.	1.8	25
7375	Reactive oxygen species modulators in pulmonary medicine. <i>Current Opinion in Pharmacology</i> , 2021, 57, 157-164.	1.7	11
7376	Effect of low-dose sodium nitrite treatment on the endogenous antioxidant capacity of yak meat during wet curing: Pros and cons. <i>LWT - Food Science and Technology</i> , 2021, 141, 110879.	2.5	5

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7377	A Brief Overview of Oxidative Stress in Adipose Tissue with a Therapeutic Approach to Taking Antioxidant Supplements. <i>Antioxidants</i> , 2021, 10, 594.	2.2	24
7378	Recent Developments in Effective Antioxidants: The Structure and Antioxidant Properties. <i>Materials</i> , 2021, 14, 1984.	1.3	86
7379	Study of Antithyroid and Antioxidant Properties of Cysteine, Glutathione, and Methionine by Spectrophotometry and High Performance Liquid Chromatography. <i>Journal of Analytical Chemistry</i> , 2021, 76, 476-485.	0.4	4
7380	The Type and Source of Reactive Oxygen Species Influences the Outcome of Oxidative Stress in Cultured Cells. <i>Cells</i> , 2021, 10, 1075.	1.8	11
7381	A Grape Juice Supplemented with Natural Grape Extracts Is Well Accepted by Consumers and Reduces Brain Oxidative Stress. <i>Antioxidants</i> , 2021, 10, 677.	2.2	4
7382	Astaxanthin Reduces the Severity of Intestinal Damage in a Neonatal Rat Model of Necrotizing Enterocolitis. <i>American Journal of Perinatology</i> , 2021, , .	0.6	7
7383	Integrated Analysis to Identify a Redox-Related Prognostic Signature for Clear Cell Renal Cell Carcinoma. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-35.	1.9	14
7384	Potassium superoxide as an intricate source of superoxide anion. Elucidating the composition of its samples in dimethyl sulfoxide by reactions with (5,10,15,20-tetraphenylporphinato)manganese(III) chloride and curcumin. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 251, 119425.	2.0	3
7385	Comparative Study of Antioxidant Property of Coffee and Its Additives. <i>Journal of Pharmaceutical Research International</i> , 0, , 89-96.	1.0	0
7386	Antioxidantes como nutracêuticos para mitigar estresse oxidativo em abelhas: revisão sistemática. <i>Pesquisa Agropecuária Gaúcha</i> , 2021, 27, 53-73.	0.2	0
7387	Green synthesis and biological activities assessment of some new chromeno[2,3-b]pyridine derivatives. <i>Molecular Diversity</i> , 2022, 26, 891-902.	2.1	7
7388	The modulatory effect of taurine on benzo (a) pyrene-induced hepatorenal toxicity. <i>Toxicology Research</i> , 2021, 10, 389-398.	0.9	8
7389	Dual Roles of Microglia in the Basal Ganglia in Parkinson's Disease. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3907.	1.8	6
7390	Purification and characterization of hydrolysable tannins extracted from <i>Coriaria nepalensis</i> bark using macroporous resin and their application in gallic acid production. <i>Industrial Crops and Products</i> , 2021, 162, 113302.	2.5	13
7391	Rapid Profiling and Identification of Vitexin Metabolites in Rat Urine, Plasma and Faeces after Oral Administration Using a UHPLC-Q-Exactive Orbitrap Mass Spectrometer Coupled with Multiple Data-mining Methods. <i>Current Drug Metabolism</i> , 2021, 22, 185-197.	0.7	7
7392	The Mystery of Red Blood Cells Extracellular Vesicles in Sleep Apnea with Metabolic Dysfunction. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4301.	1.8	6
7393	Direct and Indirect Antioxidant Effects of Selected Plant Phenolics in Cell-Based Assays. <i>Molecules</i> , 2021, 26, 2534.	1.7	16
7394	Differentiation of Hodgkin lymphoma cells by reactive oxygen species and regulation by heme oxygenase-1 through HIF-1. <i>Cancer Science</i> , 2021, 112, 2542-2555.	1.7	16

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7395	Microbial methionine transporters and biotechnological applications. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 3919-3929.	1.7	9
7396	Relationship of oxidative stress and antioxidant response with vaso-occlusive crisis in sickle cell anaemia. <i>African Health Sciences</i> , 2021, 21, 150-8.	0.3	3
7397	Protective effect of myricetin, apigenin, and hesperidin pretreatments on cyclophosphamide-induced immunosuppression. <i>Immunopharmacology and Immunotoxicology</i> , 2021, 43, 353-369.	1.1	23
7398	Interrelation of inflammation and oxidative stress in liver cirrhosis. <i>Experimental and Therapeutic Medicine</i> , 2021, 21, 602.	0.8	17
7399	Neuropathies and neurological dysfunction induced by coronaviruses. <i>Journal of NeuroVirology</i> , 2021, 27, 380-396.	1.0	14
7400	Oxidative stress induced by methomyl exposure reduces the quality of early embryo development in mice. <i>Zygote</i> , 2022, 30, 57-64.	0.5	4
7401	Flavonoids, the Family of Plant-Derived Antioxidants Making Inroads into Novel Therapeutic Design Against Ionizing Radiation-Induced Oxidative Stress in Parkinson's Disease. <i>Current Neuropharmacology</i> , 2022, 20, 324-343.	1.4	3
7402	Tanshinone I Inhibits Oxidative Stress-Induced Cardiomyocyte Injury by Modulating Nrf2 Signaling. <i>Frontiers in Pharmacology</i> , 2021, 12, 644116.	1.6	12
7403	High Expression of SOD2 Protein Is a Strong Prognostic Factor for Stage IIIB Squamous Cell Cervical Carcinoma. <i>Antioxidants</i> , 2021, 10, 724.	2.2	15
7405	Inhibition of oxidative stress and gastric emptying as additional mechanisms of antidiabetic activity of <i>Newbouldia laevis</i> . <i>Phytomedicine Plus</i> , 2021, 1, 100023.	0.9	1
7406	Pd-Catalyzed Redox Divergent Coupling of Ketones with Terpenols. <i>ACS Catalysis</i> , 2021, 11, 6825-6834.	5.5	7
7407	Physical Exercise-Induced Myokines in Neurodegenerative Diseases. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5795.	1.8	23
7408	Effects of Gestational Diabetes in Cognitive Behavior, Oxidative Stress and Metabolism on the Second-Generation Off-Spring of Rats. <i>Nutrients</i> , 2021, 13, 1575.	1.7	4
7409	Comparison of methanolic extracts of <i>Doronicum orientale</i> and <i>Echium angustifolium</i> in terms of chemical composition and antioxidant activities. <i>Biocatalysis and Agricultural Biotechnology</i> , 2021, 33, 101984.	1.5	6
7410	Recent advances of electrochemical sensors for detecting and monitoring ROS/RNS. <i>Biosensors and Bioelectronics</i> , 2021, 179, 113052.	5.3	55
7411	Evaluation of the neurotoxic effects of engineered nanomaterials in C57BL/6J mice in 28-day oral exposure studies. <i>NeuroToxicology</i> , 2021, 84, 155-171.	1.4	12
7412	Identifying Anti-Oxidant Biosynthesis Genes in Pearl Millet [<i>Pennisetum glaucum</i> (L.) R. Br.] Using Genome-Wide Association Analysis. <i>Frontiers in Plant Science</i> , 2021, 12, 599649.	1.7	11
7413	Protective Effects of α -Lipoic Acid and Chlorogenic Acid on Cadmium-Induced Liver Injury in Three-Yellow Chickens. <i>Animals</i> , 2021, 11, 1606.	1.0	6

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7414	Holistic review of corn fiber gum: Structure, properties, and potential applications. Trends in Food Science and Technology, 2021, 111, 756-770.	7.8	21
7415	Dietary Intake and Circulating Concentrations of Carotenoids and Risk of Type 2 Diabetes: A Dose-Response Meta-Analysis of Prospective Observational Studies. Advances in Nutrition, 2021, 12, 1723-1733.	2.9	35
7416	Borik Asitin 8305C Anaplastik Tiroit Kanseri Hâ¼crelerinde Antioksidan ve Anti-kanser Aktivitesi. GÃ¼mÃ¼Åhane Ãœniversitesi SaÄlÃ¼k Bilimleri Dergisi, 2021, 10, 213-221.	0.1	2
7417	Sodium Houuttuyfonate Ameliorates Î²-amyloid1-42-Induced Memory Impairment and Neuroinflammation through Inhibiting the NLRP3/GSDMD Pathway in Alzheimerâ€™s Disease. Mediators of Inflammation, 2021, 2021, 1-11.	1.4	8
7418	Research Progress on Oxidative Stress and Its Nutritional Regulation Strategies in Pigs. Animals, 2021, 11, 1384.	1.0	52
7419	Amaranth leaf extract protects against hydrogen peroxide induced oxidative stress in Drosophila melanogaster. BMC Research Notes, 2021, 14, 188.	0.6	4
7420	LCâ€“MS/MS and RPâ€“HPLCâ€“UV Analysis and Antioxidant Activities of Arum italicum Miller Edible and Nonedible Tuber Parts. Journal of Anatolian Environmental and Animal Sciences, 0, , .	0.2	3
7421	Phytochemical Evaluation and In-vitro Antioxidant Potential of whole plant of Caralluma adscendens. Research Journal of Pharmacy and Technology, 2021, , 2774-2778.	0.2	1
7422	Interactions of zinc- and redox-signaling pathways. Redox Biology, 2021, 41, 101916.	3.9	67
7423	Ethyl ferulate contributes to the inhibition of the inflammatory responses in murine RAW 264.7 macrophage cells and acute lung injury in mice. PLoS ONE, 2021, 16, e0251578.	1.1	12
7424	Attenuation of Oxidative Stress and Inflammatory Response by Chronic Cannabidiol Administration Is Associated with Improved n-6/n-3 PUFA Ratio in the White and Red Skeletal Muscle in a Rat Model of High-Fat Diet-Induced Obesity. Nutrients, 2021, 13, 1603.	1.7	14
7425	Rational design of near-infrared fluorescent probes for superoxide anion radical: Enhancement of self-stability and sensitivity by self-immolative linker. Free Radical Biology and Medicine, 2021, 167, 36-44.	1.3	12
7426	Estimation of the reducing power and electrochemical behavior of few flavonoids and polyhydroxybenzophenones substantiated by bond dissociation energy: a comparative analysis. Molecular Diversity, 2022, 26, 1101-1113.	2.1	8
7427	Metabolic Implications of Oxidative Stress and Inflammatory Process in SARS-CoV-2 Pathogenesis: Therapeutic Potential of Natural Antioxidants. Frontiers in Cellular and Infection Microbiology, 2021, 11, 654813.	1.8	60
7428	Nanozymes: A Promising Horizon for Medical and Environmental Applications. Journal of Cluster Science, 2022, 33, 1275-1297.	1.7	12
7429	Detoxification of Oral Exposure to Benzo(a)pyrene by Lactobacillus plantarum CICC 23121 in Mice. Molecular Nutrition and Food Research, 2021, 65, 2001149.	1.5	2
7430	In vitro Antioxidant, Antimutagenic and Anti-hemolytic Potency of Allyl Isothiocyanate: A Natural Molecule. Journal of Biologically Active Products From Nature, 2021, 11, 228-241.	0.1	1
7431	Oxidative Dysregulation in Early Life Stress and Posttraumatic Stress Disorder: A Comprehensive Review. Brain Sciences, 2021, 11, 723.	1.1	34

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7432	Drug Repurposing: Promises of Edaravone Target Drug in Traumatic Brain Injury. <i>Current Medicinal Chemistry</i> , 2021, 28, 2369-2391.	1.2	15
7433	Role of Oxidative Stress and Nrf2/KEAP1 Signaling in Colorectal Cancer: Mechanisms and Therapeutic Perspectives with Phytochemicals. <i>Antioxidants</i> , 2021, 10, 743.	2.2	36
7434	Inhibitory effect of low-molecular-weight peptides (0â€“3â€šDa) from <i>Spirulina platensis</i> on H ₂ O ₂ -induced oxidative damage in L02 human liver cells. <i>Bioresources and Bioprocessing</i> , 2021, 8, .	2.0	9
7435	In Vitro Antioxidant and Anti-Colon Cancer Activities of <i>Sesamum indicum</i> L. Leaf Extract and Its Major Component, Pedaliin. <i>Foods</i> , 2021, 10, 1216.	1.9	11
7436	DFT insights into the structure, reactivity and radical scavenging activity of cycloartocarpesin. <i>Journal of Physical Organic Chemistry</i> , 2021, 34, e4245.	0.9	5
7437	Effectiveness of Ginkgo biloba diterpene lactone in the treatment of sudden sensorineural hearing loss. <i>American Journal of Otolaryngology - Head and Neck Medicine and Surgery</i> , 2021, 42, 102922.	0.6	2
7438	Enzymatic Degradation of <i>Gracilariopsis lemaneiformis</i> Polysaccharide and the Antioxidant Activity of Its Degradation Products. <i>Marine Drugs</i> , 2021, 19, 270.	2.2	11
7439	Cr(VI)-induced DNA damage is lessened by the modulation of hsp70 via increased GSH de novo synthesis in <i>Drosophila melanogaster</i> . <i>Journal of Biochemical and Molecular Toxicology</i> , 2021, 35, e22819.	1.4	4
7440	A review of dietary phytochemicals and their relation to oxidative stress and human diseases. <i>Chemosphere</i> , 2021, 271, 129499.	4.2	69
7441	The Role of Poly-Herbal Extract in Sodium Chloride-Induced Oxidative Stress and Hyperlipidemia in Male Wistar Rats. <i>Medicines (Basel, Switzerland)</i> , 2021, 8, 25.	0.7	5
7442	Development and validation of a flow cytometric assay for detecting reactive oxygen species in the erythrocytes of healthy dogs. <i>American Journal of Veterinary Research</i> , 2021, 82, 343-351.	0.3	0
7443	Non-covalent interactions governing the supramolecular assembly of copper(II) complexes with hydrazone-type ligand: Experimental and quantum chemical study. <i>Polyhedron</i> , 2021, 200, 115142.	1.0	5
7444	Efficacy of zinc oxide nanoparticles on hepatocellular carcinoma-induced biochemical and trace element alterations in rats. <i>Journal of Applied Pharmaceutical Science</i> , 0, , .	0.7	0
7445	From winery by-product to healthy product: bioavailability, redox signaling and oxidative stress modulation by wine pomace product. <i>Critical Reviews in Food Science and Nutrition</i> , 2021, , 1-23.	5.4	11
7446	Maclurin exerts anti-cancer effects in human osteosarcoma cells via prooxidative activity and modulations of <sc>PARP</sc>, p38, and <sc>ERK</sc> signaling. <i>IUBMB Life</i> , 2021, 73, 1060-1072.	1.5	3
7447	Phytochemicals Analysis in Watercress (<i>Nasturtium officinale</i>) Plant Extracts. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 761, 012042.	0.2	3
7448	Advances in Nanodelivery of Green Tea Catechins to Enhance the Anticancer Activity. <i>Molecules</i> , 2021, 26, 3301.	1.7	22
7449	Ameliorative effect of white tea from 50-year-old tree of <i>Camellia sinensis</i> L. (Theaceae) on kidney damage in diabetic mice via SIRT1/AMPK pathway. <i>Journal of Ethnopharmacology</i> , 2021, 272, 113919.	2.0	16

#	ARTICLE	IF	CITATIONS
7450	Chemical Reactions Trigger Peptide Self-Assembly in vivo for Tumor Therapy. <i>ChemMedChem</i> , 2021, 16, 2452-2458.	1.6	8
7451	Synergistic Neuroprotective Effects of Mature Silkworm and <i>Angelica gigas</i> Against Scopolamine-Induced Mild Cognitive Impairment in Mice and H ₂ O ₂ -Induced Cell Death in HT22 Mouse Hippocampal Neuronal Cells. <i>Journal of Medicinal Food</i> , 2021, 24, 505-516.	0.8	3
7452	Do Autophagy Enhancers/ROS Scavengers Alleviate Consequences of Mild Mitochondrial Dysfunction Induced in Neuronal-Derived Cells?. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5753.	1.8	3
7453	Lycopene mitigates acrylamide and glycidamide induced cellular toxicity via oxidative stress modulation in HepG2 cells. <i>Journal of Functional Foods</i> , 2021, 80, 104390.	1.6	10
7454	The antioxidant response in Barrett's tumorigenesis: A double-edged sword. <i>Redox Biology</i> , 2021, 41, 101894.	3.9	20
7455	Potential health benefits of anthocyanins in oxidative stress related disorders. <i>Phytochemistry Reviews</i> , 2021, 20, 705-749.	3.1	34
7456	Mitochondrial bioenergetics in leukocytes and oxidative stress in blood serum of mild to moderately depressed women. <i>Mitochondrion</i> , 2021, 58, 14-23.	1.6	8
7457	Do oxidative stress and melanin accumulation contribute to the pathogenesis of idiopathic guttate hypomelanosis: A prospective case-control study. <i>Journal of Cosmetic Dermatology</i> , 2021, , .	0.8	3
7458	Transcriptional Profiling of Aflatoxin B1-Induced Oxidative Stress and Inflammatory Response in Macrophages. <i>Toxins</i> , 2021, 13, 401.	1.5	30
7459	Composition and Structure of Human Gallstones Studied by Analytical TEM and EPR Spectroscopy. <i>Applied Magnetic Resonance</i> , 0, , 1.	0.6	0
7460	Ex Vivo Study on the Antioxidant Activity of a Winemaking By-Product Polyphenolic Extract (Taurisol [®]) on Human Neutrophils. <i>Antioxidants</i> , 2021, 10, 1009.	2.2	10
7461	Exploring the inhibitory potentials of <i>Momordica charantia</i> bioactive compounds against Keap1-Kelch protein using computational approaches. <i>In Silico Pharmacology</i> , 2021, 9, 39.	1.8	12
7462	Tributyltin Oxide Exposure During in vitro Maturation Disrupts Oocyte Maturation and Subsequent Embryonic Developmental Competence in Pigs. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 683448.	1.8	4
7463	Attenuating of NF- κ B/VCAM-1 Expression in Middle Cerebral Artery Occlusion (MCAO) Model by <i>Viola Odorata</i> : Protection Against Injury Ischemia- Reperfusion Injury in Rats. <i>Basic and Clinical Neuroscience</i> , 0, , .	0.3	0
7464	Oxygen-derived free radicals: Production, biological importance, bioimaging, and analytical detection with responsive luminescent nanoprobe. <i>View</i> , 2021, 2, 20200139.	2.7	13
7465	Mechanisms of Ferroptosis and Application to Head and Neck Squamous Cell Carcinoma Treatments. <i>DNA and Cell Biology</i> , 2021, 40, 720-732.	0.9	8
7466	A comprehensive study on phenolic compounds and bioactive properties of five mushroom species via chemometric approach. <i>Journal of Food Processing and Preservation</i> , 2021, 45, e15695.	0.9	10
7467	Lipid Oxidation: Role of Membrane Phase-Separated Domains. <i>Journal of Chemical Information and Modeling</i> , 2021, 61, 2857-2868.	2.5	12

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7468	The New Challenge of Green Cosmetics: Natural Food Ingredients for Cosmetic Formulations. <i>Molecules</i> , 2021, 26, 3921.	1.7	61
7469	Accumulation of Seminolipid in Sertoli Cells Is Associated with Increased Levels of Reactive Oxygen Species and Male Subfertility: Studies in Aging Arsa Null Male Mice. <i>Antioxidants</i> , 2021, 10, 912.	2.2	7
7470	Circulating Malondialdehyde Concentrations in Obstructive Sleep Apnea (OSA): A Systematic Review and Meta-Analysis with Meta-Regression. <i>Antioxidants</i> , 2021, 10, 1053.	2.2	9
7471	Trace element imbalances in blood serum of Alzheimer's disease patients. <i>Spectroscopy Letters</i> , 2021, 54, 458-471.	0.5	4
7472	Association of Prx4, Total Oxidant Status, and Inflammatory Factors with Insulin Resistance in Polycystic Ovary Syndrome. <i>International Journal of Endocrinology</i> , 2021, 2021, 1-8.	0.6	7
7473	Mangiferin Alleviates Mitochondrial ROS in Nucleus Pulposus Cells and Protects against Intervertebral Disc Degeneration via Suppression of NF- κ B Signaling Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-27.	1.9	26
7474	Piper guineense- an underutilized aromatic spice with medicinal value. <i>Advances in Traditional Medicine</i> , 0, , 1.	1.0	1
7476	Role of Polyphenols in the Metabolism of the Skeletal System in Humans and Animals – A Review. <i>Annals of Animal Science</i> , 2021, 21, 1275-1300.	0.6	8
7477	Unveiling the dermatological potential of marine fungal species components: Antioxidant and inhibitory capacities over tyrosinase. <i>Biotechnology and Applied Biochemistry</i> , 2022, 69, 1252-1266.	1.4	8
7478	Activity Guided Isolation of Phenolic Compositions from <i>Anneslea fragrans</i> Wall. and Their Cytoprotective Effect against Hydrogen Peroxide Induced Oxidative Stress in HepG2 Cells. <i>Molecules</i> , 2021, 26, 3690.	1.7	14
7479	Neuroprotective effects of proanthocyanidins of grape seed extracts against oxidative stress and apoptosis induced by 6-hydroxydopamine in PC12 cells. <i>Conjeturas</i> , 2021, 21, 68-86.	0.0	2
7480	A glutathione responsive nanoplatform made of reduced graphene oxide and MnO ₂ nanoparticles for photothermal and chemodynamic combined therapy. <i>Carbon</i> , 2021, 178, 783-791.	5.4	41
7481	Neuroprotective Effects of <i>Coreopsis lanceolata</i> Flower Extract against Oxidative Stress-Induced Apoptosis in Neuronal Cells and Mice. <i>Antioxidants</i> , 2021, 10, 951.	2.2	4
7482	Developmental programming and ageing of male reproductive function. <i>European Journal of Clinical Investigation</i> , 2021, 51, e13637.	1.7	11
7483	Ameliorative Effect of Parishin C Against Cerebral Ischemia-Induced Brain Tissue Injury by Reducing Oxidative Stress and Inflammatory Responses in Rat Model. <i>Neuropsychiatric Disease and Treatment</i> , 2021, Volume 17, 1811-1823.	1.0	10
7484	Water Extract of <i>Rubus coreanus</i> Prevents Inflammatory Skin Diseases In Vitro Models. <i>Plants</i> , 2021, 10, 1230.	1.6	3
7485	Comparative study of predicted miRNA between Indonesia and China (Wuhan) SARS-CoV-2: a bioinformatics analysis. <i>Genes and Genomics</i> , 2021, 43, 1079-1086.	0.5	5
7486	Anticancer and biological properties of leaf and flower extracts of <i>Echinacea purpurea</i> (L.) Moench. <i>Food Bioscience</i> , 2021, 41, 101005.	2.0	16

#	ARTICLE	IF	CITATIONS
7487	Deletion of the lactoperoxidase gene causes multisystem inflammation and tumors in mice. <i>Scientific Reports</i> , 2021, 11, 12429.	1.6	15
7488	Adipose Tissue Redox Microenvironment as a Potential Link between Persistent Organic Pollutants and the 16-Year Incidence of Non-hormone-Dependent Cancer. <i>Environmental Science & Technology</i> , 2021, 55, 9926-9937.	4.6	9
7489	The First High-Temperature Supramolecular Radical Ferroics. <i>Angewandte Chemie</i> , 2021, 133, 16804-16809.	1.6	4
7490	Potential mechanism of lead poisoning to the growth and development of ovarian follicle. <i>Toxicology</i> , 2021, 457, 152810.	2.0	9
7491	Erodium birandianum Ilarslan & Yurdak. shows anti-gout effect through xanthine oxidase inhibition: Combination of in vitro and in silico techniques and profiling of main components by LC-Q-ToF-MS. <i>Phytochemistry Letters</i> , 2021, 43, 80-87.	0.6	5
7492	Phenolic compounds, essential oil composition, and antioxidant activity of <i>Angelica pur-purascens</i> (Avâ©-Lall.) Gill. <i>Turkish Journal of Chemistry</i> , 2021, 45, 956-966.	0.5	12
7493	In vitro study of the antioxidant, antiproliferative, and anthelmintic properties of some medicinal plants of Kokrajhar district, India. <i>Journal of Parasitic Diseases</i> , 2021, 45, 1123-1134.	0.4	4
7494	Effects of Vitamin E and Coenzyme Q10 Supplementation on Oxidative Stress Parameters in Untrained Leisure Horses Subjected to Acute Moderate Exercise. <i>Antioxidants</i> , 2021, 10, 908.	2.2	4
7495	Targeting oxidative stress in disease: promise and limitations of antioxidant therapy. <i>Nature Reviews Drug Discovery</i> , 2021, 20, 689-709.	21.5	975
7496	6-benzylaminopurine exposure induced development toxicity and behaviour alteration in zebrafish (<i>Danio rerio</i>). <i>Environmental Pollution</i> , 2021, 278, 116887.	3.7	10
7497	Therapeutic potential of astaxanthin and superoxide dismutase in Alzheimer's disease. <i>Open Biology</i> , 2021, 11, 210013.	1.5	40
7498	Catechin isolated from faba beans (<i>Vicia faba</i> L.): insights from oxidative stress and hypoglycemic effect in yeast cells through confocal microscopy, flow cytometry, and in silico strategy. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 10470-10480.	2.0	2
7499	Analysis of the Chemical, Antioxidant, and Anti-Inflammatory Properties of Pink Pepper (<i>Schinus molle</i>) Tj ETQq0 0 0 rgBT /Overlock 10 T	2.2	6
7500	From the (Epi)Genome to Metabolism and Vice Versa; Examples from Hematologic Malignancy. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6321.	1.8	5
7501	Lysosome-targetable selenium-doped carbon nanodots for in situ scavenging free radicals in living cells and mice. <i>Mikrochimica Acta</i> , 2021, 188, 223.	2.5	10
7502	The effects of low-dose 2-hydroxyethyl methacrylate on apoptosis and survival in human dental pulp cells. <i>Journal of the Formosan Medical Association</i> , 2021, 120, 1332-1339.	0.8	3
7503	Electrochemical Measurements Reveal Reactive Oxygen Species in Stress Granules**. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 15302-15306.	7.2	19
7504	Antioxidant balance in plasma of patients on home parenteral nutrition: A pilot study comparing three different lipid emulsions. <i>Clinical Nutrition</i> , 2021, 40, 3950-3958.	2.3	4

#	ARTICLE	IF	CITATIONS
7505	Revealing the Modular Similarities and Differences Among Alzheimer's Disease, Vascular Dementia, and Parkinson's Disease in Genomic Networks. <i>NeuroMolecular Medicine</i> , 2022, 24, 125-138.	1.8	7
7506	Antioxidant Barrier and Oxidative Damage to Proteins, Lipids, and DNA/RNA in Adrenal Tumor Patients. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-19.	1.9	14
7507	Karmaya Aqlave Edilen Kekik Uşucu Yağ± veya Ac± Biber Ekstrakt±n Kuzu Etlerinde Oksidatif Duruma Etkisi, Hayvansal Aretim, 0, .	0.2	0
7508	Genetic and biological hallmarks of colorectal cancer. <i>Genes and Development</i> , 2021, 35, 787-820.	2.7	159
7509	The First High-Temperature Supramolecular Radical Ferroics. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 16668-16673.	7.2	37
7510	Synthesis of Chalcone Derivative from Clove Leaf Waste as a Natural Antioxidant. <i>Pharmaceutical Chemistry Journal</i> , 2021, 55, 269-274.	0.3	7
7511	The roles of free iron, heme, haemoglobin, and the scavenger proteins haemopexin and alpha-1-microglobulin in preeclampsia and fetal growth restriction. <i>Journal of Internal Medicine</i> , 2021, 290, 952-968.	2.7	23
7512	Impact of Harvest Conditions and Host Tree Species on Chemical Composition and Antioxidant Activity of Extracts from <i>Viscum album</i> L.. <i>Molecules</i> , 2021, 26, 3741.	1.7	27
7513	Responsive optical probes for deep-tissue imaging: Photoacoustics and second near-infrared fluorescence. <i>Advanced Drug Delivery Reviews</i> , 2021, 173, 141-163.	6.6	49
7514	Ethanol Extract of <i>Maclura tricuspidata</i> Fruit Protects SH-SY5Y Neuroblastoma Cells against H2O2-Induced Oxidative Damage via Inhibiting MAPK and NF- κ B Signaling. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6946.	1.8	16
7515	Phytochemical Analysis, Antioxidant and Cytotoxic Activities of <i>Mucuna pruriens</i> Leaves. <i>Dhaka University Journal of Pharmaceutical Sciences</i> , 2021, 20, 103-109.	0.1	1
7516	Associations between vitamin E, oxidative stress markers, total homocysteine levels, and physical activity or cognitive capacity in older adults. <i>Scientific Reports</i> , 2021, 11, 12867.	1.6	13
7517	Preparation and Antioxidant Activity of Chitosan Dimers with Different Sequences. <i>Marine Drugs</i> , 2021, 19, 366.	2.2	19
7518	Synthesis, crystal structure with free radical scavenging activity and theoretical studies of Schiff bases derived from 1-naphthylamine, 2,6-diisopropylaniline, and substituted benzaldehyde. <i>European Journal of Chemistry</i> , 2021, 12, 204-215.	0.3	8
7519	Electrochemical Measurements Reveal Reactive Oxygen Species in Stress Granules**. <i>Angewandte Chemie</i> , 2021, 133, 15430-15434.	1.6	4
7520	How cytosolic compartments play safeguard functions against neuroinflammation and cell death in cerebral ischemia. <i>Metabolic Brain Disease</i> , 2021, 36, 1445-1467.	1.4	1
7521	Novel N-Substituted Amino Acid Hydrazone-Isatin Derivatives: Synthesis, Antioxidant Activity, and Anticancer Activity in 2D and 3D Models In Vitro. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7799.	1.8	13
7522	Protection against UVB deleterious skin effects in a mouse model: effect of a topical emulsion containing <i>Cordia verbenacea</i> extract. <i>Photochemical and Photobiological Sciences</i> , 2021, 20, 1033-1051.	1.6	3

#	ARTICLE	IF	CITATIONS
7524	Green One-Pot Synthesis of Coumarin-Hydroxybenzohydrazide Hybrids and Their Antioxidant Potency. <i>Antioxidants</i> , 2021, 10, 1106.	2.2	31
7525	Synthesis, Structure and Impact of 5-Aminoortotic Acid and Its Complexes with Lanthanum(III) and Gallium(III) on the Activity of Xanthine Oxidase. <i>Molecules</i> , 2021, 26, 4503.	1.7	7
7526	Mechanism of deoxynivalenol mediated gastrointestinal toxicity: Insights from mitochondrial dysfunction. <i>Food and Chemical Toxicology</i> , 2021, 153, 112214.	1.8	38
7527	Ferroptosis and Its Role in Epilepsy. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 696889.	1.8	41
7528	Protective Effects of Estrogen via Nanoparticle Delivery to Attenuate Myelin Loss and Neuronal Death after Spinal Cord Injury. <i>Neurochemical Research</i> , 2021, 46, 2979-2990.	1.6	12
7529	Mineral Content, Chemical Analysis, In Vitro Antidiabetic and Antioxidant Activities, and Antibacterial Power of Aqueous and Organic Extracts of Moroccan <i>Leopoldia comosa</i> (L.) Parl. Bulbs. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-17.	0.5	10
7530	Effect of Extraction Time and Temperature on Total Flavanoid Contents of Petai Belalang (<i>Leucaena</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 2021, 29, .	0.3	0
7531	Investigation of Pomegranate Seed Oil Effects on the Renal Function in Alloxan-induced Diabetic Male Rabbits. <i>Iraqi Journal of Science</i> , 0, , 1843-1849.	0.3	0
7532	Assessment of the Efficacy of Olive Leaf (<i>Olea europaea</i> L.) Extracts in the Treatment of Colorectal Cancer and Prostate Cancer Using In Vitro Cell Models. <i>Molecules</i> , 2021, 26, 4069.	1.7	7
7533	Bone mineral density and oxidative stress in adolescent girls with anorexia nervosa. <i>European Journal of Pediatrics</i> , 2022, 181, 311-321.	1.3	7
7534	Antiepileptic Effects of <i>Cicadae Periostracum</i> on Mice and Its Antiapoptotic Effects in H ₂ O ₂ -Stimulated PC12 Cells via Regulation of PI3K/Akt/Nrf2 Signaling Pathways. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-19.	1.9	8
7535	Hydroxyl radical induced structural perturbations make insulin highly immunogenic and generate an auto-immune response in type 2 diabetes mellitus. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 255, 119640.	2.0	8
7537	Role of reactive oxygen species in tumors based on the "seed and soil" theory: A complex interaction (Review). <i>Oncology Reports</i> , 2021, 46, .	1.2	15
7538	Eco-friendly extraction of <i>Mastocarpus stellatus</i> carrageenan for the synthesis of gold nanoparticles with improved biological activity. <i>International Journal of Biological Macromolecules</i> , 2021, 183, 1436-1449.	3.6	17
7539	The Molecular Aspect of Nephrolithiasis Development. <i>Cells</i> , 2021, 10, 1926.	1.8	38
7540	<i>Rhamnus alaternus</i> aqueous extract enhances the capacity of system redox defence and protects hepatocytes against aluminum chloride toxicity in rats. <i>Clinical Phytoscience</i> , 2021, 7, .	0.8	2
7541	Nitrogen Dioxide Concentrations in the Air in Increasing Superoxide Dismutase Enzyme and Malondialdehyde Serum Levels in Bus Terminal Officers. <i>Jurnal Kesehatan Lingkungan</i> , 2021, 13, 166.	0.1	0
7542	The effect of vitamin C supplementation on mood status in adults: a systematic review and meta-analysis of randomized controlled clinical trials. <i>General Hospital Psychiatry</i> , 2021, 71, 36-42.	1.2	8

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7543	Dose-dependent co-infection of <i>Argulus</i> sp. and <i>Aeromonas hydrophila</i> in goldfish (<i>Carassius auratus</i>) modulates innate immune response and antioxidative stress enzymes. <i>Fish and Shellfish Immunology</i> , 2021, 114, 199-206.	1.6	12
7544	Brain Targeting and Toxicological Assessment of the Extracellular Vesicle-Packaged Antioxidant Catalase-SKL Following Intranasal Administration in Mice. <i>Neurotoxicity Research</i> , 2021, 39, 1418-1429.	1.3	11
7545	Ethanol-Induced Cell Damage Can Result in the Development of Oral Tumors. <i>Cancers</i> , 2021, 13, 3846.	1.7	7
7546	Green Synthesis of Gold Nano-bioconjugates from Onion Peel Extract and Evaluation of Their Antioxidant, Anti-inflammatory, and Cytotoxic Studies. <i>ACS Omega</i> , 2021, 6, 17811-17823.	1.6	16
7547	Roles of PRR-Mediated Signaling Pathways in the Regulation of Oxidative Stress and Inflammatory Diseases. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7688.	1.8	44
7548	Methods to evaluate the toxicity of engineered nanomaterials for biomedical applications: a review. <i>Environmental Chemistry Letters</i> , 2021, 19, 4253-4274.	8.3	26
7549	<i>Abrus precatorius</i> Leaf Extract Reverses Alloxan/Nicotinamide-Induced Diabetes Mellitus in Rats through Hormonal (Insulin, GLP-1, and Glucagon) and Enzymatic (α -Amylase/ α -Glucosidase) Modulation. <i>BioMed Research International</i> , 2021, 2021, 1-17.	0.9	7
7550	Purification and Identification of Novel Antioxidant Peptides Isolated from <i>Geoffroea decorticans</i> Seeds with Anticoagulant Activity. <i>Pharmaceutics</i> , 2021, 13, 1153.	2.0	5
7551	Proteomic analysis of liver tissues in chicken embryo at Day 16 and Day 20 reveals antioxidant mechanisms. <i>Journal of Proteomics</i> , 2021, 243, 104258.	1.2	6
7552	Purification, Physicochemical Properties, and Antioxidant Activities of Two Low-Molecular-Weight Polysaccharides from <i>Ganoderma leucocontextum</i> Fruiting Bodies. <i>Antioxidants</i> , 2021, 10, 1145.	2.2	15
7553	Implicações do estado nutricional em pacientes em hemodiálise: Uma revisão narrativa. <i>Research, Society and Development</i> , 2021, 10, e0810917510.	0.0	0
7554	The role of thiol-disulfide and ischemia-modified albumin levels in the diagnosis of childhood appendicitis. <i>Anatolian Current Medical Journal</i> , 2021, 3, 214-219.	0.1	0
7555	Sex-related response in mice after sub-acute intraperitoneal exposure to silver nanoparticles. <i>NanoImpact</i> , 2021, 23, 100340.	2.4	9
7556	Heart Rate Variability During a Standard Dive: A Role for Inspired Oxygen Pressure?. <i>Frontiers in Physiology</i> , 2021, 12, 635132.	1.3	4
7557	Mechanisms of Immunotoxicity: Stressors and Evaluators. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8242.	1.8	18
7558	Metal Oxide Nanoparticles: Evidence of Adverse Effects on the Male Reproductive System. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8061.	1.8	23
7559	Impact of EcSOD Perturbations in Cancer Progression. <i>Antioxidants</i> , 2021, 10, 1219.	2.2	5
7560	Can postbiotics show antiviral effects against Sars-CoV-2?. <i>Research, Society and Development</i> , 2021, 10, e14610817259.	0.0	4

#	ARTICLE	IF	CITATIONS
7561	Comparative Cytotoxicity Study of PM2.5 and TSP Collected from Urban Areas. <i>Toxics</i> , 2021, 9, 167.	1.6	5
7562	The Functional Diversity of Nitric Oxide Synthase Isoforms in Human Nose and Paranasal Sinuses: Contrasting Pathophysiological Aspects in Nasal Allergy and Chronic Rhinosinusitis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7561.	1.8	6
7563	Regulation of the epigenetic landscape by immune cell oxidants. <i>Free Radical Biology and Medicine</i> , 2021, 170, 131-149.	1.3	8
7564	Biochemical Mechanisms Associating Alcohol Use Disorders with Cancers. <i>Cancers</i> , 2021, 13, 3548.	1.7	9
7565	Phytochemical Screening and Antioxidant and Cytotoxic Effects of <i>Acacia macrostachya</i> . <i>Plants</i> , 2021, 10, 1353.	1.6	4
7566	Oxidative Stress in the Early Stage of Psychosis. <i>Current Topics in Medicinal Chemistry</i> , 2021, 21, 1457-1470.	1.0	6
7567	<i>Zingiber roseum</i> Rosc. rhizome: A rich source of hepatoprotective polyphenols. <i>Biomedicine and Pharmacotherapy</i> , 2021, 139, 111673.	2.5	9
7569	Apoptotic inducement of neuronal cells by codeine: possible role of disrupted redox state and caspase 3 signaling. <i>Heliyon</i> , 2021, 7, e07481.	1.4	7
7570	The potency of curcumin and the thyroxine hormone to support the antioxidant activity during reproduction in common carp (<i>Cyprinus carpio</i> L). <i>Journal of Physics: Conference Series</i> , 2021, 1968, 012002.	0.3	0
7571	The Level of Zinc, Copper and Antioxidant Status in the Blood Serum of Women with Hashimoto's Thyroiditis. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 7805.	1.2	3
7572	Effect of Mild Hypothermia on the Catalytic Characteristics of Synaptic Acetylcholinesterase during Subtotal Global Cerebral Ischemia in Rats. <i>Neurochemical Journal</i> , 2021, 15, 282-291.	0.2	1
7573	Anxiogenic Potential of Experimental Sleep Fragmentation Is Duration-Dependent and Mediated via Oxidative Stress State. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-14.	1.9	6
7574	Behavioral alterations, brain oxidative stress, and elevated levels of corticosterone associated with a pressure injury model in male mice. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2021, .	0.7	2
7575	Gastrointestinal Digestion Model Assessment of Peptide Diversity and Microbial Fermentation Products of Collagen Hydrolysates. <i>Nutrients</i> , 2021, 13, 2720.	1.7	9
7576	The effects of feeding and starvation on antioxidant defence, fatty acid composition and lipid peroxidation in reared <i>Oncorhynchus mykiss</i> fry. <i>Scientific Reports</i> , 2021, 11, 16716.	1.6	9
7577	Insight into the Way the Content of Biologically Active Compounds in Meadowsweet Inflorescences (<i>Filipendula ulmaria</i> (L.) Maxim.) Is Shaped by Phytosociological Habitats. <i>Molecules</i> , 2021, 26, 5172.	1.7	4
7578	Reactive oxygen species in exercise and insulin resistance: Working towards personalized antioxidant treatment. <i>Redox Biology</i> , 2021, 44, 102005.	3.9	30
7579	Diurnal relationship between core clock gene <i>BMAL1</i> , antioxidant <i>SOD1</i> and oxidative RNA/DNA damage in young and older healthy women. <i>Experimental Gerontology</i> , 2021, 151, 111422.	1.2	6

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7580	Vitamin E in Human Health and Oxidative Stress Related Diseases. <i>Biochemistry</i> , 0, , .	0.8	1
7581	Oxygen Vacancy-Driven Reversible Free Radical Catalysis for Environment-Adaptive Cancer Chemodynamic Therapy. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 20943-20951.	7.2	44
7582	A Mixed Comparisons of Different Intensities and Types of Physical Exercise in Patients With Diseases Related to Oxidative Stress: A Systematic Review and Network Meta-Analysis. <i>Frontiers in Physiology</i> , 2021, 12, 700055.	1.3	15
7583	The Involvement of the Oxidative Stress Status in Cancer Pathology: A Double View on the Role of the Antioxidants. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-25.	1.9	49
7584	Metabolite Profiling and Anti-Aging Activity of Rice Koji Fermented with <i>Aspergillus oryzae</i> and <i>Aspergillus cristatus</i> : A Comparative Study. <i>Metabolites</i> , 2021, 11, 524.	1.3	11
7585	Time dependent impact of copper oxide nanomaterials on the expression of genes associated with oxidative stress, metal binding, inflammation and mucus secretion in single and co-culture intestinal in vitro models. <i>Toxicology in Vitro</i> , 2021, 74, 105161.	1.1	9
7586	Synthesis and analysis of 4-oxothiazolidines as potential dual inhibitors of deoxyribonuclease I and xanthine oxidase. <i>Chemico-Biological Interactions</i> , 2021, 345, 109536.	1.7	7
7587	New epigenetic players in stroke pathogenesis: From non-coding RNAs to exosomal non-coding RNAs. <i>Biomedicine and Pharmacotherapy</i> , 2021, 140, 111753.	2.5	29
7588	Formation of a Hydrogen Radical in Hydrogen Nanobubble Water and Its Effect on Copper Toxicity in <i>Chlorella</i> . <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 11100-11109.	3.2	19
7589	MTH1 Inhibitors for the Treatment of Psoriasis. <i>Journal of Investigative Dermatology</i> , 2021, 141, 2037-2048.e4.	0.3	10
7590	Conserved and Distinct Elements of Phagocytosis in Human and <i>C. elegans</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 8934.	1.8	10
7591	Pomegranate juice reverses AlCl ₃ -Induced neurotoxicity and improves learning and memory in female mice. <i>Environmental Research</i> , 2021, 199, 111270.	3.7	12
7592	Mitochondrial Redox Signaling and Oxidative Stress in Kidney Diseases. <i>Biomolecules</i> , 2021, 11, 1144.	1.8	77
7593	Antioxidant Effects of Anthocyanin-Rich Riceberry- α , β Rice Flour Prepared Using Dielectric Barrier Discharge Plasma Technology on Iron-Induced Oxidative Stress in Mice. <i>Molecules</i> , 2021, 26, 4978.	1.7	2
7594	Cellular Defensive Mechanisms of Tea Polyphenols: Structure-Activity Relationship. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9109.	1.8	45
7595	Phytochemical Constituents of Carrot (<i>Daucus carota</i>) Fruit Juice and its Hepatoprotective Property in CCl ₄ -Induced Liver Cirrhotic Rats. <i>Asian Journal of Research in Biochemistry</i> , 0, , 40-55.	0.0	0
7596	Hyperphosphatemia-Induced Oxidant/Antioxidant Imbalance Impairs Vascular Relaxation and Induces Inflammation and Fibrosis in Old Mice. <i>Antioxidants</i> , 2021, 10, 1308.	2.2	10
7597	Expression of Endothelial NOX5 Alters the Integrity of the Blood-Brain Barrier and Causes Loss of Memory in Aging Mice. <i>Antioxidants</i> , 2021, 10, 1311.	2.2	11

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7598	In vitro and in silico pharmaceutical activities of the methylated cyclic pentapeptide, persipeptides. <i>Journal of Applied Microbiology</i> , 2021, , .	1.4	0
7599	Hypoxia Inducible Factors as Central Players in the Pathogenesis and Pathophysiology of Cardiovascular Diseases. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 709509.	1.1	14
7600	The long and winding road to the etiology of idiopathic nephrotic syndrome in children: Focusing on abnormalities in the gut microbiota. <i>Pediatrics International</i> , 2021, 63, 1011-1019.	0.2	8
7601	Synthesis, characterization and in vitro, in vivo, in silico biological evaluations of substituted benzimidazole derivatives. <i>Saudi Journal of Biological Sciences</i> , 2022, 29, 239-250.	1.8	11
7602	Molecular Aspects in the Potential of Vitamins and Supplements for Treating Diabetic Neuropathy. <i>Current Diabetes Reports</i> , 2021, 21, 31.	1.7	7
7603	Lipid metabolism and oxidative stress in HPV-related cancers. <i>Free Radical Biology and Medicine</i> , 2021, 172, 226-236.	1.3	24
7604	Antioxidant activity of Trolox derivatives toward methylperoxyl radicals: thermodynamic and kinetic theoretical study. <i>Theoretical Chemistry Accounts</i> , 2021, 140, 1.	0.5	3
7605	Metabolic effects of anesthetics (cold, CO ₂ , and isoflurane) and captivity conditions in isolated honey bee (<i>Apis mellifera</i>) foragers under different ambient temperatures. <i>Journal of Apicultural Research</i> , 2023, 62, 1052-1060.	0.7	3
7606	A Meta-Analysis in Assessing Oxidative Stress Using Malondialdehyde in Oral Submucous Fibrosis. <i>European Journal of Dentistry</i> , 2021, 15, 675-681.	0.8	6
7607	Neuroprotective Effects of Delta-9-Tetrahydrocannabinol against FeSO ₄ - and H ₂ O ₂ -Induced Cell Damage on Dopaminergic Neurons in Primary Mesencephalic Cell Culture. <i>Planta Medica International Open</i> , 2021, 8, e88-e95.	0.3	1
7608	Accurate Identification of Antioxidant Proteins Based on a Combination of Machine Learning Techniques and Hidden Markov Model Profiles. <i>Computational and Mathematical Methods in Medicine</i> , 2021, 2021, 1-9.	0.7	2
7609	The leading role of adsorbed lead in PM _{2.5} -induced hippocampal neuronal apoptosis and synaptic damage. <i>Journal of Hazardous Materials</i> , 2021, 416, 125867.	6.5	19
7610	Spirulina supplementation as an adjuvant therapy in enhancement of antioxidant capacity: A systematic review and meta-analysis of controlled clinical trials. <i>International Journal of Clinical Practice</i> , 2021, 75, e14618.	0.8	8
7611	Dietary nutrients and their control of the redox bioenergetic networks as therapeutics in redox dysfunctions sustained pathologies. <i>Pharmacological Research</i> , 2021, 170, 105709.	3.1	4
7612	Synergy between indigenous bacteria and extracellular electron shuttles enhances transformation and mobilization of Fe(III)/As(V). <i>Science of the Total Environment</i> , 2021, 783, 147002.	3.9	14
7613	Redox index of Cys-thiol residues of serum apolipoprotein E and its diagnostic potential. <i>Bioscience Reports</i> , 2021, 41, .	1.1	0
7614	A Blood Biomarker for Duchenne Muscular Dystrophy Shows That Oxidation State of Albumin Correlates with Protein Oxidation and Damage in Mdx Muscle. <i>Antioxidants</i> , 2021, 10, 1241.	2.2	6
7615	CF ₃ -substituted diselenide modulatory effects on oxidative stress, induced by single and repeated morphine administrations, in susceptible tissues of mice. <i>Canadian Journal of Physiology and Pharmacology</i> , 2021, 99, 761-767.	0.7	2

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7616	Overview of the Antioxidant and Anti-Inflammatory Activities of Selected Plant Compounds and Their Metal Ions Complexes. <i>Molecules</i> , 2021, 26, 4886.	1.7	52
7617	Antrocaryon amazonicum : An unexploited Amazonian fruit with high potential of scavenging reactive oxygen and nitrogen species. <i>Journal of Food Science</i> , 2021, 86, 4045-4059.	1.5	1
7618	Molecular mechanisms underlying health benefits of tea compounds. <i>Free Radical Biology and Medicine</i> , 2021, 172, 181-200.	1.3	62
7619	Redox signaling pathways in unilateral ureteral obstruction (UUO)-induced renal fibrosis. <i>Free Radical Biology and Medicine</i> , 2021, 172, 65-81.	1.3	51
7620	The Role of Taurine in Mitochondria Health: More Than Just an Antioxidant. <i>Molecules</i> , 2021, 26, 4913.	1.7	69
7621	Broadband electrical impedance as a novel characterization of oxidative stress in single L6 skeletal muscle cells. <i>Analytica Chimica Acta</i> , 2021, 1173, 338678.	2.6	5
7622	Study on the Enhancement of Immune Function of Astaxanthin from <i>Haematococcus pluvialis</i> . <i>Foods</i> , 2021, 10, 1847.	1.9	9
7623	Antioxidant Recognition by Colorimetric Sensor Array Based on Differential Etching of Gold Nanorods and Gold Nanopyramids. <i>ACS Applied Nano Materials</i> , 2021, 4, 8482-8490.	2.4	15
7624	Addition of a blend of essential oils (cloves, rosemary and oregano) and vitamin E to replace conventional chemical antioxidants in dog feed: effects on food quality and health of beagles. <i>Archives of Animal Nutrition</i> , 2021, 75, 1-15.	0.9	4
7625	Antioxidant Effects of Resistance Training with Pumpkin Seed Extract Consumption in Heart Tissue of Rats Exposed to H ₂ O ₂ -induced Oxidative Damage. <i>Zahedan Journal of Researches in Medical Sciences</i> , 2021, 23, .	0.1	1
7626	Oxygen Vacancy-Driven Reversible Free Radical Catalysis for Environmental-Adaptive Cancer Chemodynamic Therapy. <i>Angewandte Chemie</i> , 2021, 133, 21111-21119.	1.6	3
7627	Protective prospects of eco-friendly synthesized selenium nanoparticles using <i>Moringa oleifera</i> or <i>Moringa oleifera</i> leaf extract against melamine induced nephrotoxicity in male rats. <i>Ecotoxicology and Environmental Safety</i> , 2021, 221, 112424.	2.9	16
7628	Destructive effect of iron overload in brain tissue of albino rats: Ameliorative role of silver immobilized organo-modified casein nanocomposite as co-treating agent with Deferasirox. <i>Journal of Trace Elements in Medicine and Biology</i> , 2021, 67, 126794.	1.5	3
7629	Natural Antioxidants to the Rescue?. , 0, , .		1
7630	Tuneable time delay in the burst release from oxidation sensitive polymersomes made by PISA. <i>Angewandte Chemie</i> , 0, , .	1.6	0
7631	Synergistic Action of Membrane-Bound and Water-Soluble Antioxidants in Neuroprotection. <i>Molecules</i> , 2021, 26, 5385.	1.7	11
7632	Electrochemistry of plants: basic theoretical research and applications in plant science. <i>Journal of Solid State Electrochemistry</i> , 2021, 25, 2747-2757.	1.2	5
7633	Ginsenoside Rg1 ameliorates aging-induced liver fibrosis by inhibiting the NOX4/NLRP3 inflammasome in SAMP8 mice. <i>Molecular Medicine Reports</i> , 2021, 24, .	1.1	21

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7634	Dark Side of Cancer Therapy: Cancer Treatment-Induced Cardiopulmonary Inflammation, Fibrosis, and Immune Modulation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10126.	1.8	12
7635	Polyphenolic characterization of pollen grains of some medicinal plant species using Ultra High Performance Liquid Chromatography (UHPLC). <i>Journal of Applied and Natural Science</i> , 2021, 13, 840-845.	0.2	2
7636	Lipid Rafts and Development of Alzheimer's Disease. , 0, , .		3
7637	Effect of selenium biofortification on phenolic content and antioxidant properties of Jute leaf (<i>Corchorus olitorius</i>). <i>Vegetos</i> , 2022, 35, 94-103.	0.8	1
7638	Molecular Mechanism of Arsenic-Induced Neurotoxicity including Neuronal Dysfunctions. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10077.	1.8	66
7639	Oxidative Stress and Inflammation, MicroRNA, and Hemoglobin Variations after Administration of Oxygen at Different Pressures and Concentrations: A Randomized Trial. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 9755.	1.2	22
7640	Evaluation of Oxidative DNA Damage and Thiol-Disulfide Homeostasis in Patients with Aortic Valve Sclerosis. , 2021, 27, 241-248.		2
7641	Antioxidant and Antiapoptotic Effects of a <i>Turraea fischeri</i> Leaf Extract on Cryopreserved Goat Sperm. <i>Animals</i> , 2021, 11, 2840.	1.0	4
7642	Zinc and selenium supplement mitigated valproic acid-induced testis toxicity by modulating the oxidative redox balance in male rats. <i>Anatomy and Cell Biology</i> , 2021, 54, 387-394.	0.5	6
7643	Coffee phytochemicals and post-harvest handling—A complex and delicate balance. <i>Journal of Food Composition and Analysis</i> , 2021, 102, 103995.	1.9	10
7644	Recent Reports of Plants as DNA Protection Agents. <i>Current Nutraceuticals</i> , 2021, 02, .	0.1	0
7645	Astaxanthin Provides Antioxidant Protection in LPS-Induced Dendritic Cells for Inflammatory Control. <i>Marine Drugs</i> , 2021, 19, 534.	2.2	10
7646	The effects of antivenom administrations on the brain tissue of experimentally envenomed pregnant rats and their pups with <i>Androctonus crassicauda</i> scorpion venom during organogenesis period. <i>Toxicol</i> , 2021, 200, 13-18.	0.8	1
7647	Dietary copper requirements of postlarval coho salmon (<i>Oncorhynchus kisutch</i>). <i>Aquaculture Nutrition</i> , 2021, 27, 2084-2092.	1.1	10
7648	Madecassic acid protects human periodontal ligament fibroblasts against hydrogen peroxide-induced cell damage by maintaining mitochondrial membrane potential. <i>Molecular and Cellular Toxicology</i> , 2022, 18, 81-90.	0.8	4
7649	Chimyl alcohol exhibits proinflammatory activity in vivo and in vitro. <i>Cells Tissues Organs</i> , 2021, , .	1.3	1
7650	Plant-Derived and Dietary Hydroxybenzoic Acids—A Comprehensive Study of Structural, Anti-/Pro-Oxidant, Lipophilic, Antimicrobial, and Cytotoxic Activity in MDA-MB-231 and MCF-7 Cell Lines. <i>Nutrients</i> , 2021, 13, 3107.	1.7	33
7651	Microbial Biosurfactant: A New Frontier for Sustainable Agriculture and Pharmaceutical Industries. <i>Antioxidants</i> , 2021, 10, 1472.	2.2	68

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7652	Regular, but not acute, green tea supplementation increases total antioxidant status and reduces exercise-induced oxidative stress: a systematic review. <i>Nutrition Research</i> , 2021, 94, 34-43.	1.3	14
7653	Metabolites with Antioxidant Activity from Marine Macroalgae. <i>Antioxidants</i> , 2021, 10, 1431.	2.2	28
7654	From Diospyros kaki L. (Persimmon) Phytochemical Profile and Health Impact to New Product Perspectives and Waste Valorization. <i>Nutrients</i> , 2021, 13, 3283.	1.7	17
7655	Sodium Tanshinone IIA Sulfonate Attenuates Cigarette Smoke Extract-Induced Mitochondrial Dysfunction, Oxidative Stress, and Apoptosis in Alveolar Epithelial Cells by Enhancing SIRT1 Pathway. <i>Toxicological Sciences</i> , 2021, 183, 352-362.	1.4	12
7656	Hepatit B Virus Enfeksiyonu ve Glutatyon. <i>Genel Tıp Dergisi</i> , 2021, 31, 239-242.	0.1	0
7657	Association between serum lactate dehydrogenase and frailty among individuals with metabolic syndrome. <i>PLoS ONE</i> , 2021, 16, e0256315.	1.1	2
7658	Phytochemical Profiling, Anti-inflammatory, Antioxidant and Antimicrobial Effects of Seven Indian Morinda Species. <i>Current Bioactive Compounds</i> , 2021, 17, .	0.2	2
7659	Antioxidant Activity, Polyphenolic Content, and FT-NIR Analysis of Different <i>Aspilia africana</i> Medicinal Plant Tissues. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-11.	0.5	9
7660	<i>Allium sativum</i> mitigates oxidative damages induced by Microcystin-LR in heart and liver tissues of mice. <i>Toxicon</i> , 2021, 200, 30-37.	0.8	10
7661	ROS/TNF- α Crosstalk Triggers the Expression of IL-8 and MCP-1 in Human Monocytic THP-1 Cells via the NF- κ B and ERK1/2 Mediated Signaling. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10519.	1.8	32
7662	Salivary Oxidative Stress Markers' Relation to Oral Diseases in Children and Adolescents. <i>Antioxidants</i> , 2021, 10, 1540.	2.2	9
7663	Tuneable Time Delay in the Burst Release from Oxidation-Sensitive Polymersomes Made by PISA. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 24716-24723.	7.2	21
7664	Age-Related Changes in the Cochlea and Vestibule: Shared Patterns and Processes. <i>Frontiers in Neuroscience</i> , 2021, 15, 680856.	1.4	25
7665	Bixin attenuates mechanical allodynia, anxious and depressive-like behaviors associated with experimental diabetes counteracting oxidative stress and glycosylated hemoglobin. <i>Brain Research</i> , 2021, 1767, 147557.	1.1	6
7666	Mitophagy and apoptosis mediated by ROS participate in AlCl ₃ -induced MC3T3-E1 cell dysfunction. <i>Food and Chemical Toxicology</i> , 2021, 155, 112388.	1.8	34
7667	Oxygen Delivery Approaches to Augment Cell Survival After Myocardial Infarction: Progress and Challenges. <i>Cardiovascular Toxicology</i> , 2022, 22, 207-224.	1.1	2
7668	Functionality of apigenin as a potent antioxidant with emphasis on bioavailability, metabolism, action mechanism and in vitro and in vivo studies: A review. <i>Journal of Food Biochemistry</i> , 2022, 46, e13950.	1.2	42
7669	Ratlarda 2.45 Ghz Elektromanyetik Alan Kaynaklı Kalp Dokusu Hasarınin Açzerine C Vitamininin Koruyucu Etkileri, Sileyman Demirel Üniversitesi Tıp Fakültesi Dergisi, 0, , .	0.0	0

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7670	A systematic review of molecular approaches that link mitochondrial dysfunction and neuroinflammation in Parkinson's disease. <i>Neurological Sciences</i> , 2021, 42, 4459-4469.	0.9	22
7671	Investigation into the Antioxidant Activity of Standardized Plant Extracts with Pharmaceutical Potential. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 8685.	1.3	3
7672	Hydrogen Peroxide Detection Using Prussian Blue-Modified 3D Pyrolytic Carbon Microelectrodes. <i>Electroanalysis</i> , 0, , .	1.5	4
7673	Redox-sensitive signaling pathways in renal cell carcinoma. <i>BioFactors</i> , 2022, 48, 342-358.	2.6	8
7674	Oxidative Stress, Testicular Inflammatory Pathways, and Male Reproduction. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10043.	1.8	97
7676	Measuring the Effects of on Serum Prooxidant-Antioxidant Balance in. <i>Methods in Molecular Biology</i> , 2022, 2343, 309-318.	0.4	1
7677	Cobalt-induced oxidative stress contributes to alveolar/bronchiolar carcinogenesis in B6C3F1/N mice. <i>Archives of Toxicology</i> , 2021, 95, 3171-3190.	1.9	4
7678	The Relationship Between Esophageal Corrosion and Dynamic Thiol-Disulfide and Ischemia Modified Albumin Levels in Children. <i>Turkish Journal of Pediatric Disease</i> , 0, , 1-6.	0.0	0
7679	Phytochemical Antioxidants: Past, Present and Future. , 0, , .		5
7680	Rational Design and Characterization of Nitric Oxide Biosensors in <i>E. coli</i> Nissle 1917 and Mini SimCells. <i>ACS Synthetic Biology</i> , 2021, 10, 2566-2578.	1.9	10
7681	Comparison of phytochemical profiles, antioxidant and antiproliferative activities in Chinese bayberry (<i>Myrica rubra</i> Sieb. et Zucc.) fruits. <i>Journal of Food Science</i> , 2021, 86, 4691-4703.	1.5	9
7682	Effects of taxifolin on bone formation and apoptosis in experimental periodontitis in diabetic rats. <i>Biotechnic and Histochemistry</i> , 2022, 97, 306-314.	0.7	2
7683	Effect of solvents on bioactive compounds and antioxidant activity of <i>Padina tetrastratica</i> and <i>Gracilaria tenuistipitata</i> seaweeds collected from Bangladesh. <i>Scientific Reports</i> , 2021, 11, 19082.	1.6	32
7684	Bio-Guided Fractionation of <i>Retama raetam</i> (Forssk.) Webb & Berthel Polar Extracts. <i>Molecules</i> , 2021, 26, 5800.	1.7	3
7685	The effect of red-fleshed pitaya (<i>Hylocereus polyrhizus</i>) on heat shock protein 70 and cortisol expression in strenuous exercise induced rats. <i>F1000Research</i> , 2019, 8, 130.	0.8	1
7686	Structural exploration of multifunctional monoamine oxidase B inhibitors as potential drug candidates against Alzheimer's disease. <i>Bioorganic Chemistry</i> , 2021, 114, 105070.	2.0	17
7687	The potential role of melatonin in retarding intervertebral disc ageing and degeneration: A systematic review. <i>Ageing Research Reviews</i> , 2021, 70, 101394.	5.0	34
7688	Exploration of plant products and phytochemicals against aflatoxin toxicity in broiler chicken production: Present status. <i>Toxicon</i> , 2021, 200, 55-68.	0.8	24

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7689	Joint Cardioprotective Effect of Vitamin C and Other Antioxidants against Reperfusion Injury in Patients with Acute Myocardial Infarction Undergoing Percutaneous Coronary Intervention. <i>Molecules</i> , 2021, 26, 5702.	1.7	21
7690	The Functions of Thioredoxin 1 in Neurodegeneration. <i>Antioxidants and Redox Signaling</i> , 2022, 36, 1023-1036.	2.5	10
7691	Phytochemical Analysis and Anti-Inflammatory and Anti-Osteoarthritic Bioactive Potential of <i>Verbascum thapsus</i> L. (Scrophulariaceae) Leaf Extract Evaluated in Two In Vitro Models of Inflammation and Osteoarthritis. <i>Molecules</i> , 2021, 26, 5392.	1.7	4
7692	The Effect of Mobile Radiation on the Oxidative Stress Biomarkers in Pregnant Mice. <i>Journal of Family & Reproductive Health</i> , 2021, 15, 172-178.	0.4	1
7693	Antioxidants in Female Reproductive Biology. , 0, , .		2
7694	UCTD and SLE patients show increased levels of oxidative and DNA damage together with an altered kinetics of DSB repair. <i>Mutagenesis</i> , 2021, 36, 429-436.	1.0	2
7695	The important role of benzylic C H bond in the antioxidant behaviours of the xanthenes. <i>Journal of Food Composition and Analysis</i> , 2021, 103, 104082.	1.9	4
7696	Multifunctional chemosensor for tracing Ga(III), hypochlorite and pH change with bioimaging in living cells, <i>Pseudomonas aeruginosa</i> and Zebrafish. <i>Sensors and Actuators B: Chemical</i> , 2021, 345, 130346.	4.0	9
7697	Oxidative stress activates the Nrf2-mediated antioxidant response and P38 MAPK pathway: A possible apoptotic mechanism induced by BDE-47 in rainbow trout (<i>Oncorhynchus mykiss</i>) gonadal RTG-2 cells. <i>Environmental Pollution</i> , 2021, 287, 117341.	3.7	13
7698	Investigation of the ameliorative effects of baicalin against arsenic trioxide-induced cardiac toxicity in mice. <i>International Immunopharmacology</i> , 2021, 99, 108024.	1.7	16
7699	Extraction of the antioxidant phytocomplex from wine-making by-products and sustainable loading in phospholipid vesicles specifically tailored for skin protection. <i>Biomedicine and Pharmacotherapy</i> , 2021, 142, 111959.	2.5	25
7700	Interfacial interaction between benzo[a]pyrene and pulmonary surfactant: Adverse effects on lung health. <i>Environmental Pollution</i> , 2021, 287, 117669.	3.7	8
7701	Multiple free radical scavenging reactions of aurones. <i>Phytochemistry</i> , 2021, 190, 112853.	1.4	9
7702	Circulating glutathione peroxidase and superoxide dismutase levels in patients with epilepsy: A meta-analysis. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2021, 91, 278-286.	0.9	14
7703	A comprehensive review of herbacetin: From chemistry to pharmacological activities. <i>Journal of Ethnopharmacology</i> , 2021, 279, 114356.	2.0	14
7704	Structural tuning of CTAB@MgFe ₂ O ₄ nanocomposite as peroxidase mimic for H ₂ O ₂ and glucose sensing. <i>Materials Chemistry and Physics</i> , 2021, 271, 124851.	2.0	14
7705	Long Non-Coding RNA, Small Nucleolar RNA Host Gene 5, Inhibits the Oxidized Low-Density Lipoprotein Induced Vascular Endothelial Cell Injury by Targeting miR-26a-5p. <i>Journal of Biomaterials and Tissue Engineering</i> , 2021, 11, 1961-1968.	0.0	0
7706	Irisin in atherosclerosis. <i>Clinica Chimica Acta</i> , 2021, 522, 158-166.	0.5	5

#	ARTICLE	IF	CITATIONS
7707	In vivo assessment of molybdenum and cadmium co-induce nephrotoxicity via NLRP3/Caspase-1-mediated pyroptosis in ducks. <i>Journal of Inorganic Biochemistry</i> , 2021, 224, 111584.	1.5	23
7708	Supramolecular Ni(II) complex aggregates with a circular linkage of intermolecular multi-hydrogen bonding frameworks based on thiosemicarbazone, and a Cu(II) complex: Synthesis, structural, DFT, electrochemical and antioxidant studies. <i>Polyhedron</i> , 2021, 209, 115457.	1.0	1
7709	Betulinic acid attenuates T-2 toxin-induced cytotoxicity in porcine kidney cells by blocking oxidative stress and endoplasmic reticulum stress. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2021, 249, 109124.	1.3	13
7710	Sled dogs as a model for PM2.5 exposure from wildfires in Alaska. <i>Environment International</i> , 2021, 156, 106767.	4.8	1
7711	Attenuation of spatial memory in 5xFAD mice by targeting cholinesterases, oxidative stress and inflammatory signaling using 2-(hydroxyl-(2-nitrophenyl)methyl)cyclopentanone. <i>International Immunopharmacology</i> , 2021, 100, 108083.	1.7	8
7712	A dual-targeted multifunctional nanoformulation for potential prevention and therapy of Alzheimer's disease. <i>Innovation(China)</i> , 2021, 2, 100160.	5.2	10
7713	Association of acute psychosocial stress with oxidative stress: Evidence from serum analysis. <i>Redox Biology</i> , 2021, 47, 102138.	3.9	14
7714	Decrypting the potential role of $\hat{\pm}$ -lipoic acid in Alzheimer's disease. <i>Life Sciences</i> , 2021, 284, 119899.	2.0	28
7715	Effects of age and gender on the redox homeostasis of morbidly obese people. <i>Free Radical Biology and Medicine</i> , 2021, 175, 108-120.	1.3	17
7716	Photoactivatable nanogenerators of reactive species for cancer therapy. <i>Bioactive Materials</i> , 2021, 6, 4301-4318.	8.6	14
7717	Effects of chronic exposure to environmental levels of tributyltin on the lined seahorse (<i>Hippocampus erectus</i>) liver: Analysis of bioaccumulation, antioxidant defense, and immune gene expression. <i>Science of the Total Environment</i> , 2021, 801, 149646.	3.9	16
7718	Inhibition of oxidative stress in vivo through enzyme-like activity of carbon dots. <i>Applied Materials Today</i> , 2021, 25, 101178.	2.3	22
7719	Comparative theoretical researches on the anti-oxidant activity of $\hat{\nu}$ -viniferin and $\hat{\mu}$ -viniferin. <i>Journal of Molecular Structure</i> , 2021, 1245, 131062.	1.8	3
7720	Caffeic acid phenolipids in the protection of cell membranes from oxidative injuries. Interaction with the membrane phospholipid bilayer. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2021, 1863, 183727.	1.4	9
7721	Precisely engineering a carrier-free hybrid nanoassembly for multimodal DNA damage-augmented photodynamic therapy. <i>Chemical Engineering Journal</i> , 2021, 426, 130838.	6.6	19
7722	Fullerol-hydrogel microfluidic spheres for in situ redox regulation of stem cell fate and refractory bone healing. <i>Bioactive Materials</i> , 2021, 6, 4801-4815.	8.6	49
7723	New insights into chemical compositions and health promoting effects of edible oils from new resources. <i>Food Chemistry</i> , 2021, 364, 130363.	4.2	19
7724	Impacts of dietary konjac glucomannan supplementation on growth, antioxidant capacity, hepatic lipid metabolism and inflammatory response in golden pompano (<i>Trachinotus ovatus</i>) fed a high fat diet. <i>Aquaculture</i> , 2021, 545, 737113.	1.7	18

#	ARTICLE	IF	CITATIONS
7725	Flower beverages of native medicinal plants from Argentina (<i>Acacia caven</i> , <i>Geoffroea decorticans</i> and) Tj ETQq0 0 0 rgBT /Overlock 10 T 114490.	2.0	10
7726	Microfluidic paper device with on-site heating to produce reactive peroxide species for enhanced smartphone enabled chemiluminescence signal. <i>Talanta</i> , 2022, 236, 122858.	2.9	11
7727	Phytochemistry and polypharmacology of cleome species: A comprehensive Ethnopharmacological review of the medicinal plants. <i>Journal of Ethnopharmacology</i> , 2022, 282, 114600.	2.0	12
7728	Ethnobotanical, phytochemical, toxicology and anti-diabetic potential of <i>Senna occidentalis</i> (L.) link; A review. <i>Journal of Ethnopharmacology</i> , 2022, 283, 114663.	2.0	7
7729	Design and synthesis of 1,4-disubstituted 1,2,3-triazoles: Biological evaluation, in silico molecular docking and ADME screening. <i>Journal of Molecular Structure</i> , 2022, 1247, 131344.	1.8	24
7730	Reactive oxygen species-based nanomaterials for the treatment of myocardial ischemia reperfusion injuries. <i>Bioactive Materials</i> , 2022, 7, 47-72.	8.6	136
7731	Exploring the relationship between the "ON-OFF" mechanism of fluorescent probes and intramolecular charge transfer properties. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 265, 120339.	2.0	4
7732	An online, non-destructive method for simultaneously detecting chemical, biological, and physical properties of herbal injections using hyperspectral imaging with artificial intelligence. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 264, 120250.	2.0	12
7733	Captan exposure disrupts ovarian homeostasis and affects oocytes quality via mitochondrial dysfunction induced apoptosis. <i>Chemosphere</i> , 2022, 286, 131625.	4.2	4
7734	Multifunctional carbon quantum dots as a theranostic nanomedicine for fluorescence imaging-guided glutathione depletion to improve chemodynamic therapy. <i>Journal of Colloid and Interface Science</i> , 2022, 606, 1219-1228.	5.0	28
7735	Arsenic and Oxidative Stress: An Overview. , 2021, , 27-63.		2
7736	Engineering Photonic Transmission Inside Brain Nerve Fibers. <i>IEEE Access</i> , 2021, 9, 35399-35410.	2.6	4
7737	Oxidative stress and oral cavity cancer. , 2021, , 55-65.		0
7738	Astaxanthin: health benefits and toxicity. , 2021, , 881-889.		0
7739	Bioprospecting of <i>Lobelia nicotianifolia</i> Roth. plant parts for antioxidant and cytotoxic activity and its phytoconstituents. <i>Pharmacognosy Magazine</i> , 2021, 17, 162.	0.3	0
7740	A bifunctional mitochondrial targeting AIE-active fluorescent probe with high sensitivity to hydrogen peroxide and viscosity for fatty liver diagnosis. <i>New Journal of Chemistry</i> , 2021, 45, 12138-12144.	1.4	13
7741	Marine Bioactives. , 2021, , 195-235.		0
7742	Radiobiological comparison of flattening filter (FF) and flattening filter-free (FFF) beam in rat laryngeal tissue. <i>International Journal of Radiation Biology</i> , 2021, 97, 249-255.	1.0	5

#	ARTICLE	IF	CITATIONS
7743	Application of Pomegranate by-Products in Muscle Foods: Oxidative Indices, Colour Stability, Shelf Life and Health Benefits. <i>Molecules</i> , 2021, 26, 467.	1.7	32
7744	Oxidants and antioxidants in myocardial infarction (MI): Investigation of ischemia modified albumin, malondialdehyde, superoxide dismutase and catalase in individuals diagnosed with ST elevated myocardial infarction (STEMI) and non-STEMI (NSTEMI). <i>Journal of Medical Biochemistry</i> , 2021, 40, 286-294.	0.7	10
7745	Pathobiology of aging: An introduction to age-related diseases. , 2021, , 35-73.		0
7746	Physicochemical and Medicinal Properties of Tualang, Gelam and Kelulut Honeys: A Comprehensive Review. <i>Nutrients</i> , 2021, 13, 197.	1.7	27
7747	Safety assessment of oral administration of ethanol extract of <i>Justicia carnea</i> leaf in healthy wistar rats: hematology, antioxidative and histology studies. <i>Clinical Phytoscience</i> , 2021, 7, .	0.8	11
7748	The Role of Antioxidants Supplementation in Clinical Practice: Focus on Cardiovascular Risk Factors. <i>Antioxidants</i> , 2021, 10, 146.	2.2	35
7749	Environmentally friendly plant essential oil: Liquid gold for human health. <i>Advances in Agronomy</i> , 2021, , 289-337.	2.4	9
7750	Reactive Oxygen Species: Beyond Their Reactive Behavior. <i>Neurochemical Research</i> , 2021, 46, 77-87.	1.6	60
7751	Western Dietary Pattern Antioxidant Intakes and Oxidative Stress: Importance During the SARS-CoV-2/COVID-19 Pandemic. <i>Advances in Nutrition</i> , 2021, 12, 670-681.	2.9	44
7752	Antioxidative Effects of Curcumin on the Hepatotoxicity Induced by Ochratoxin A in Rats. <i>Antioxidants</i> , 2021, 10, 125.	2.2	41
7753	Grape polyphenols supplementation for exercise-induced oxidative stress. <i>Journal of the International Society of Sports Nutrition</i> , 2021, 18, 3.	1.7	35
7754	Histological changes in the bullfrog (<i>Lithobates catesbeianus</i>) myocardium induced by severe hypoxia during embryonic development. <i>Biologia (Poland)</i> , 2021, 76, 1529.	0.8	0
7755	Drug Metabolism: Cytochrome P450. , 2021, , .		4
7756	Phytochemistry, Pharmacology and Toxicity of Medicinal Plants. , 2021, , 217-240.		9
7757	ATM at the crossroads of reactive oxygen species and autophagy. <i>International Journal of Biological Sciences</i> , 2021, 17, 3080-3090.	2.6	20
7758	Determination of Total Phenol and Flavonoid Contents and Antioxidant Activity from Extract Fraction of Sappan Wood (<i>Caesalpinia sappan</i> L.) by Liquid-Liquid Extraction and Vacuum Liquid Chromatography. <i>Asian Journal of Chemistry</i> , 2021, 33, 1729-1735.	0.1	1
7759	Phytotherapy for breast cancer. , 2021, , 129-163.		5
7760	Improvement of β -amylase to the metabolism adaptations of soil bacteria against PFOS exposure. <i>Ecotoxicology and Environmental Safety</i> , 2021, 208, 111770.	2.9	10

#	ARTICLE	IF	CITATIONS
7761	Synthesis and characteristic of 1-amino-2-propanol-based ionic liquids and effective extraction of antioxidants from Mugwort. <i>Journal of Molecular Liquids</i> , 2021, 322, 115014.	2.3	1
7763	Antioxidant and juÃšara fruits (<i>Euterpe edulis Martius</i>): Potential applications in toxicology. , 2021, , 329-336.		0
7764	Dimethoate organophosphate insecticide toxicity and the role of oxidative stress. , 2021, , 59-68.		3
7765	Endophytic bacteria as source of novel bioactive compounds. , 2021, , 177-203.		0
7766	Spirocyclic derivatives as antioxidants: a review. <i>RSC Advances</i> , 2021, 11, 21926-21954.	1.7	40
7767	Superoxide dismutase nanozymes: an emerging star for anti-oxidation. <i>Journal of Materials Chemistry B</i> , 2021, 9, 6939-6957.	2.9	175
7768	Molecules and Mechanisms to Overcome Oxidative Stress Inducing Cardiovascular Disease in Cancer Patients. <i>Life</i> , 2021, 11, 105.	1.1	22
7769	Biocompatible, Antioxidant Nanoparticles Prepared from Natural Renewable Tea Polyphenols and Human Hair Keratins for Cell Protection and Anti-inflammation. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 1046-1057.	2.6	32
7770	Comparison of π -hole and σ -hole interactions formed by tetrel-containing complexes: a computational study. <i>RSC Advances</i> , 2021, 11, 4011-4021.	1.7	9
7771	Antitumor and antioxidant activities of purple potato ethanolic extract and its interaction with liposomes, albumin and plasmid DNA. <i>Food and Function</i> , 2021, 12, 1271-1290.	2.1	11
7772	Ionic Silicon Protects Oxidative Damage and Promotes Skeletal Muscle Cell Regeneration. <i>International Journal of Molecular Sciences</i> , 2021, 22, 497.	1.8	19
7773	Hecogenin and fluticasone combination attenuates TNBS-induced ulcerative colitis in rats via downregulation of pro-inflammatory mediators and oxidative stress. <i>Immunopharmacology and Immunotoxicology</i> , 2021, 43, 160-170.	1.1	8
7777	Multiple exposures to environmental pollutants and oxidative stress: Is there a sex specific risk of developmental complications for fetuses?. <i>Birth Defects Research Part C: Embryo Today Reviews</i> , 2016, 108, 351-364.	3.6	8
7778	Triphenylphosphonium (TPP)-Based Antioxidants: A New Perspective on Antioxidant Design. <i>ChemMedChem</i> , 2020, 15, 404-410.	1.6	48
7779	Anticancer molecular mechanisms of oleocanthal. <i>Phytotherapy Research</i> , 2020, 34, 2820-2834.	2.8	15
7780	Redox Dysregulation in Schizophrenia: Genetic Susceptibility and Pathophysiological Mechanisms. , 2009, , 285-311.		9
7781	Health-Promoting Effects of Wine Phenolics. , 2009, , 571-591.		7
7782	Fatty Acids in the Modulation of Reactive Oxygen Species Balance in Cancer. , 2008, , 129-153.		5

#	ARTICLE	IF	CITATIONS
7783	Genetic Instability and Chronic Inflammation in Gastrointestinal Cancers. , 2010, , 351-397.		1
7784	Creating a Pro-survival and Anti-inflammatory Phenotype by Modulation of Acetylation in Models of Hemorrhagic and Septic Shock. <i>Advances in Experimental Medicine and Biology</i> , 2012, 710, 107-133.	0.8	35
7785	The NUTRA-SNACKS Project: Basic Research and Biotechnological Programs on Nutraceuticals. <i>Advances in Experimental Medicine and Biology</i> , 2010, 698, 1-16.	0.8	7
7786	Aspects of Cadmium Neurotoxicity. , 2012, , 703-749.		4
7787	The Role of Reactive Oxygen Species in Ocular Malignancy. <i>Advances in Experimental Medicine and Biology</i> , 2014, 801, 655-659.	0.8	13
7789	4HNE Protein Adducts in Autistic Spectrum Disorders: Rett Syndrome and Autism. , 2014, , 2667-2687.		1
7790	Periodontitis and Liver Diseases. <i>Oxidative Stress in Applied Basic Research and Clinical Practice</i> , 2014, , 197-209.	0.4	2
7791	The Concept of Diet in Ayurveda and Its Implications for the Modern World. , 2014, , 25-38.		1
7792	Oxidative, Nitrosative, and Chlorinative Stress: Biomarkers. <i>Oxidative Stress in Applied Basic Research and Clinical Practice</i> , 2015, , 1-39.	0.4	4
7793	Dysregulation of Glutathione Synthesis in Psychiatric Disorders. <i>Oxidative Stress in Applied Basic Research and Clinical Practice</i> , 2015, , 269-297.	0.4	6
7795	Oxidative Stress and Lung Cancer. <i>Oxidative Stress in Applied Basic Research and Clinical Practice</i> , 2014, , 245-257.	0.4	1
7796	Reactive Oxygen and Nitrogen Species: General Considerations. <i>Oxidative Stress in Applied Basic Research and Clinical Practice</i> , 2014, , 27-47.	0.4	22
7797	Use of Oxygen in the Resuscitation of Neonates. <i>Oxidative Stress in Applied Basic Research and Clinical Practice</i> , 2014, , 213-243.	0.4	9
7798	Electrochemical Detection of Glutathione S-Transferase: An Important Enzyme in the Cell Protective Mechanism Against Oxidative Stress. <i>Methods in Molecular Biology</i> , 2015, 1208, 123-138.	0.4	11
7799	Simultaneous Determination of Ascorbic Acid, Amino thiols, and Methionine in Biological Matrices Using Ion-Pairing RP-HPLC Coupled with Electrochemical Detector. <i>Methods in Molecular Biology</i> , 2015, 1208, 201-220.	0.4	2
7800	Visual Transduction and Age-Related Changes in Lipofuscin. , 2008, , 421-462.		4
7801	Oxidative Stress in Hypertension. , 2008, , 229-251.		2
7802	Why Is the Nervous System Vulnerable to Oxidative Stress?. , 2011, , 19-27.		55

#	ARTICLE	IF	CITATIONS
7803	Protein Redox-Regulation Mechanisms in Aging. , 2010, , 3-25.		6
7804	Oxidative Stress Injury in Glomerular Mesangium. , 2011, , 3-23.		2
7806	Ras GTPases Are Both Regulators and Effectors of Redox Agents. Methods in Molecular Biology, 2014, 1120, 55-74.	0.4	13
7807	Applications of Chaetomium Functional Metabolites with Special Reference to Antioxidants. Fungal Biology, 2020, , 227-240.	0.3	6
7808	Oxidative Stress and Its Association with Male Infertility. , 2020, , 57-68.		20
7809	Salivary Markers in Inflammatory and Autoimmune Diseases. , 2020, , 177-192.		1
7810	The Detection of 8-Oxo-7,8-Dihydro-2-Deoxyguanosine in Circulating Cell-Free DNA: A Step Towards Longitudinal Monitoring of Health. Advances in Experimental Medicine and Biology, 2020, 1241, 125-138.	0.8	4
7811	Measurement of Oxidative Stress Markers In Vitro Using Commercially Available Kits. Biological Magnetic Resonance, 2020, , 39-60.	0.4	9
7812	Oxidative stress and endothelial dysfunction. , 2010, , 37-64.		3
7814	Oxidative Stress in the Central Nervous System Complications of Chronic Liver Failure. Oxidative Stress in Applied Basic Research and Clinical Practice, 2015, , 357-370.	0.4	1
7815	Sulfur Mustard. , 2016, , 1-30.		3
7816	Plant Polyphenols in Healthcare and Aging. , 2017, , 267-282.		3
7817	Coriander (Coriandrum sativum L.): Bioactive Molecules and Health Effects. Reference Series in Phytochemistry, 2019, , 2199-2235.	0.2	5
7818	Flavonoid-Rich Nutrients for the Skin. , 2010, , 85-90.		1
7819	Cryoprotective Dehydration: Clues from an Insect. Topics in Current Genetics, 2010, , 147-163.	0.7	4
7820	Free Radical Biology of Eye Diseases. , 2014, , 3599-3623.		1
7821	Oxidative Stress and Alzheimer's Disease. , 2014, , 2147-2174.		3
7822	Role of Oxidative Stress in Vascular Endothelial Cells Through Aging – a Double-Edged Sword. , 2014, , 1383-1403.		1

#	ARTICLE	IF	CITATIONS
7823	Measuring Mitochondrial Reactive Oxygen Species (ROS) Production. , 2014, , 265-278.		3
7824	Oxidative Stress and Aging. , 2014, , 323-338.		1
7825	Cell Reactivity to Different Silica. Progress in Molecular and Subcellular Biology, 2013, 54, 143-174.	0.9	9
7826	Inactivated Viral Vaccines. , 2015, , 45-80.		59
7827	Hydrogen Inhalation is Neuroprotective and Improves Functional Outcomes in Mice After Intracerebral Hemorrhage. Acta Neurochirurgica Supplementum, 2011, 111, 179-183.	0.5	24
7828	In Vitro Studies on the Antioxidant/Antigenotoxic Potential of Aqueous Fraction from Anthocephalus cadamba Bark. , 2014, , 61-72.		3
7829	Veterinary Medicine: The Value of Plant Secondary Compounds and Diversity in Balancing Consumer and Ecological Health. Integrated Science & Technology Program, 2014, , 165-190.	0.7	3
7830	Oxidative Stress and Male Infertility. , 2017, , 151-165.		6
7831	Oxidative Stress-Mediated Human Diseases. , 2017, , 141-151.		3
7832	Clinical Applications of Hyaluronidase. Advances in Experimental Medicine and Biology, 2019, 1148, 255-277.	0.8	58
7833	Role of Oxidative Stress in the Pathophysiology of Arterial Hypertension and Heart Failure. , 2019, , 509-537.		3
7834	Oxidative Stress and Pulmonary Carcinogenesis Through Mechanisms of Reactive Oxygen Species. How Respirable Particulate Matter, Fibrous Dusts, and Ozone Cause Pulmonary Inflammation and Initiate Lung Carcinogenesis. , 2019, , 247-265.		3
7835	Oxidative Stress in Malarial Diseases: Plasmodium-Human Host Interactions and Therapeutic Interventions. , 2019, , 411-452.		1
7836	Oxidative Potential of Particulate Matter: A Prospective Measure to Assess PM Toxicity. Energy, Environment, and Sustainability, 2020, , 333-356.	0.6	6
7837	Biomedical Applications of Green Synthesized Nanoparticles. , 2020, , 235-245.		3
7838	Paraquat-Induced Oxidative Stress and Lung Inflammation. , 2020, , 245-270.		3
7839	Cellular and Molecular Mechanism of Ganoderma (Lingzhi) Against Tumor. Advances in Experimental Medicine and Biology, 2019, 1182, 79-118.	0.8	4
7840	Improving antioxidant capacity of foods: adding mushroom powder to pasta. , 2020, , 289-296.		2

#	ARTICLE	IF	CITATIONS
7841	Mangrove endophytes: a rich source of bioactive substances. , 2020, , 27-47.		2
7842	Correlations between oxidative stress and aligning nanoparticle safety assessments. , 2020, , 623-644.		1
7843	Radiation-Induced Lung Disease. , 2008, , 1225-1240.		1
7844	Cellular Responses to Stress and Toxic Insults: Adaptation, Injury, and Death. , 2010, , 3-42.		4
7845	Cell Injury, Cell Death, and Adaptations. , 2013, , 1-28.		11
7847	A novel pyrazole-containing selenium compound modulates the oxidative and nitroergic pathways to reverse the depression-pain syndrome in mice. Brain Research, 2020, 1741, 146880.	1.1	9
7848	Radiomodulatory effect of a non-electrophilic NQO1 inducer identified in a screen of new 6, 8-diiodoquinazolin-4(3H)-ones carrying a sulfonamide moiety. European Journal of Medicinal Chemistry, 2020, 200, 112467.	2.6	10
7849	Resveratrol reduces cerebral edema through inhibition of de novo SUR1 expression induced after focal ischemia. Experimental Neurology, 2020, 330, 113353.	2.0	23
7850	Two purified proteins from royal jelly with in vitro dual anti-hepatic damage potency: Major royal jelly protein 2 and its novel isoform X1. International Journal of Biological Macromolecules, 2019, 128, 782-795.	3.6	32
7851	Redox modifications in synaptic components as biomarkers of cognitive status, in brain aging and disease. Mechanisms of Ageing and Development, 2020, 189, 111250.	2.2	13
7852	Human Papillomavirus-related Cancers and Mitochondria. Virus Research, 2020, 286, 198016.	1.1	19
7853	Patients with Gaucher disease display systemic oxidative stress dependent on therapy status. Molecular Genetics and Metabolism Reports, 2020, 25, 100667.	0.4	9
7854	Associations between dietary total antioxidant capacity and odds of non-alcoholic fatty liver disease (NAFLD) in adults: a caseâ€control study. Journal of Nutritional Science, 2020, 9, e48.	0.7	12
7855	Measurement and Correlation of the Solubility of Theobromine and Theophylline in Seven Imidazolium-Based Ionic Liquids at Various Temperatures. Journal of Chemical & Engineering Data, 2020, 65, 848-855.	1.0	3
7856	Powders with small microparticle size from <i>Hedera helix</i> and <i>Scrophularia nodosa</i> exhibited high preventive antioxidant activity against H ₂ O ₂ -induced oxidative stress in mouse primary spleen cells. International Journal for Vitamin and Nutrition Research, 2018, 88, 208-218.	0.6	6
7857	Is atherosclerosis a mitochondrial disorder?. Vasa - European Journal of Vascular Medicine, 2007, 36, 229-240.	0.6	25
7858	Accumulation and trafficking of zinc oxide nanoparticles in an invertebrate model, <i>Bombyx mori</i> , with insights on their effects on immuno-competent cells. Scientific Reports, 2020, 10, 1617.	1.6	47
7859	Cold atmospheric plasma jet-generated RONS and their selective effects on normal and carcinoma cells. Scientific Reports, 2016, 6, 20332.	1.6	166

#	ARTICLE	IF	CITATIONS
7860	Chapter 6. Using Transcriptomics to Evaluate Thresholds in Genotoxicity Dose-Response. Issues in Toxicology, 2016, , 185-208.	0.2	2
7861	HO-1-derived CO Is a Regulator of Vascular Function and Metabolic Syndrome. 2-Oxoglutarate-Dependent Oxygenases, 2018, , 59-100.	0.8	1
7862	MEHP interferes with mitochondrial functions and homeostasis in skeletal muscle cells. Bioscience Reports, 2020, 40, .	1.1	11
7863	Comparative study of the effect of Thymus daenensis gel 5% and diclofenac in patients with knee		

#	ARTICLE	IF	CITATIONS
7879	Evolutionary ecology of telomeres: a review. <i>Annals of the New York Academy of Sciences</i> , 2018, 1422, 5-28.	1.8	51
7880	Early joint degeneration and antagonism between growth factors and reactive oxygen species. Is non-surgical management possible?. <i>Joints</i> , 2015, 03, 123-128.	1.5	8
7881	Distance canonical correlation analysis with application to an imaging-genetic study. <i>Journal of Medical Imaging</i> , 2019, 6, 1.	0.8	8
7882	Collateral Damage in Cancer Chemotherapy: Oxidative Stress in Nontargeted Tissues. <i>Molecular Interventions: Pharmacological Perspectives From Biology, Chemistry and Genomics</i> , 2007, 7, 147-156.	3.4	315
7883	CpG-Oligodeoxynucleotides Alleviate Tert-Butyl Hydroperoxide-Induced Macrophage Apoptosis by Regulating Mitochondrial Function and Suppressing ROS Production. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-19.	1.9	10
7885	In Vitro and in Vivo Antioxidant Related Effects of Rosemary (<i>Rosmarinus TJ ETQq1 1 0.784314 rgBT /Overlock 10) <i>Medicine</i> , 2015, 3, 213.	0.1	3
7886	Toxicity, Anti-Lipid Peroxidation, Invitro and Invivo Evaluation of Antioxidant Activity of Annona Muricata Ethanol Stem Bark Extract. <i>American Journal of Life Sciences</i> , 2014, 2, 271.	0.3	10
7887	Association of Superoxide Dismutase, Glutathione Peroxidase, Catalase, and Xanthine Oxidase with Incidence of Bladder Cancer. <i>Cancer Research Journal</i> , 2015, 3, 17.	0.0	5
7889	Oxidative stress mediates tau-induced neurodegeneration in Drosophila. <i>Journal of Clinical Investigation</i> , 2007, 117, 236-245.	3.9	262
7890	Macrophages suppress T cell responses and arthritis development in mice by producing reactive oxygen species. <i>Journal of Clinical Investigation</i> , 2007, 117, 3020-3028.	3.9	212
7891	H ₂ S attenuates oxidative stress via Nrf2/NF- κ B signaling to regulate restenosis after percutaneous transluminal angioplasty. <i>Experimental Biology and Medicine</i> , 2021, 246, 226-239.	1.1	10
7892	Reactive Oxygen Species-Related Nanoparticle Toxicity in the Biomedical Field. <i>Nanoscale Research Letters</i> , 2020, 15, 115.	3.1	341
7893	Cyanidin-3-glucoside activates Nrf2-antioxidant response element and protects against glutamate-induced oxidative and endoplasmic reticulum stress in HT22 hippocampal neuronal cells. <i>BMC Complementary Medicine and Therapies</i> , 2020, 20, 46.	1.2	51
7894	Biomarkers Part II: Biomarkers to Estimate Bioefficacy of Dietary/Supplemental Antioxidants in Sport. , 2014, , 261-278.		5
7895	TLC/MALDI MS of Carbohydrates. , 2015, , 354-371.		1
7897	Effects of Ginsenosides on Organogenesis and Expression of Glutathione Peroxidase Genes in Cultured Rat Embryos. <i>Journal of Reproduction and Development</i> , 2008, 54, 164-170.	0.5	7
7898	Strategies to Restore Adenosine Triphosphate (ATP) Level After More than 20 Hours of Cold Ischemia Time in Human Marginal Kidney Grafts. <i>Annals of Transplantation</i> , 2018, 23, 34-44.	0.5	24
7899	Protective effect of anti-oxidants on endothelial function in young Korean-Asians compared to Caucasians. <i>Medical Science Monitor</i> , 2012, 18, CR467-CR479.	0.5	11

#	ARTICLE	IF	CITATIONS
7900	Effects of SSd Combined with Radiation on Inhibiting SMMC-7721 Hepatoma Cell Growth. Medical Science Monitor, 2014, 20, 1340-1344.	0.5	9
7901	Entacapone is an Antioxidant More Potent than Vitamin C and Vitamin E for Scavenging of Hypochlorous Acid and Peroxynitrite, and the Inhibition of Oxidative Stress-Induced Cell Death. Medical Science Monitor, 2016, 22, 687-696.	0.5	18
7902	A Case-Control Study on the Oxidative Status in Women with Polycystic Ovary Syndrome Treated with Clomiphene Citrate. Medical Science Monitor, 2019, 25, 3910-3917.	0.5	3
7903	The effect of red-fleshed pitaya (Hylocereus polyrhizus) on heat shock protein 70 and cortisol expression in strenuous exercise induced rats. F1000Research, 2019, 8, 130.	0.8	7
7904	Evaluation of antimicrobial, antioxidant and cytotoxic properties of bioactive compounds produced from endophytic fungi of Himalayan yew (Taxus wallichiana) in Nepal. F1000Research, 2020, 9, 379.	0.8	13
7905	Caco-2 cell-based Antioxidant Activity of 36 Vegetables Commonly Consumed in China. Journal of Food and Nutrition Research (Newark, Del), 2014, 2, 88-95.	0.1	6
7906	Antioxidant and Cytoprotective Activities of Flavonoid Glycosides-rich Extract from the Leaves of <i>Zanthoxylum bungeanum</i>. Journal of Food and Nutrition Research (Newark, Del), 2014, 2, 349-356.	0.1	15
7907	Effect of Solvents on the Antioxidant Activity of Walnut (<i>Juglans</i>). Journal of Food and Nutrition Research (Newark, Del), 2014, 2, 349-356.	0.1	25
7909	Combination of Procyanidins Extracted from Lotus Seedpod and N-acetyl Cysteine Ameliorates Scopolamine-induced Memory Impairment in Mice. Journal of Food and Nutrition Research (Newark, Del), 2014, 2, 349-356.	0.1	25
7912	Evaluation of Polyphenol Content and Antioxidant Activities of Some Selected Organic and Aqueous Extracts of Cornsilk (Zea Mays Hairs). Journal of Medical and Bioengineering, 2012, 1, 48-51.	0.5	12
7913	Effect of Heavy Metal on Malondialdehyde and Advanced Oxidation Protein Products Concentration: A Focus on Arsenic, Cadmium, and Mercury. Journal of Medical and Bioengineering, 2015, 4, 332-337.	0.5	17
7914	The Role of Oxidative Stress and Antioxidants in Diabetic Complications. Sultan Qaboos University Medical Journal, 2012, 12, 5-18.	0.3	462
7915	Nitric Oxide and Antioxidant Enzymes in Venous and Cord Blood of Late Preterm and Term Omani Mothers. Sultan Qaboos University Medical Journal, 2012, 12, 300-305.	0.3	10
7916	Tocotrienol - Rich Fraction from Palm Oil Prevents Oxidative Damage in Diabetic Rats. Sultan Qaboos University Medical Journal, 2014, 14, 95-103.	0.3	23
7917	Biochemical Response of the Cyclopoida Copepod Apocyclops Borneoensis Exposed to Nickel. Jordan Journal of Biological Sciences, 2014, 7, 41-47.	0.7	9
7918	Medicinal plants for renal injury prevention. Journal of Renal Injury Prevention, 2013, 2, 63-5.	0.6	42
7919	Changes in oxidative stress parameters in healthy and diseased Holstein cows during the transition period in Yamagata Prefecture, Japan. Journal of Veterinary Medical Science, 2020, 82, 955-961.	0.3	9
7920	Changes in peripheral blood oxidative stress markers and hepatic gene expression related to oxidative stress in Holstein cows with and without subacute ruminal acidosis during the periparturient period. Journal of Veterinary Medical Science, 2020, 82, 1529-1536.	0.3	8

#	ARTICLE	IF	CITATIONS
7921	Revealing Antioxidant and Antidiabetic Potency of Melinjo (Gnetum Gnetum) Seed Protein Hydrolysate at Different Stages of Seed Maturation. <i>Current Research in Nutrition and Food Science</i> , 2019, 7, 479-487.	0.3	11
7922	The Flavonoid Glycosides Antioxidant From Terong Belanda (<i>Solanum betaceum</i>). <i>Biomedical and Pharmacology Journal</i> , 2018, 11, 2135-2141.	0.2	3
7923	Comparison of the bioavailability of nano- and micro-sized copper oxide particles in copper-deficient mice. <i>Journal of Preventive Veterinary Medicine</i> , 2015, 39, 3-14.	0.1	4
7924	Investigation of Antioxidant Properties of Phthalimide Derivatives. <i>Canadian Chemical Transactions</i> , 0, 199-206.	0.2	5
7925	Label-free detection of hydrogen peroxide-induced oxidative stress in human retinal pigment epithelium cells via laser tweezers Raman spectroscopy. <i>Biomedical Optics Express</i> , 2019, 10, 500.	1.5	12
7926	Identification of FAM173B as a protein methyltransferase promoting chronic pain. <i>PLoS Biology</i> , 2018, 16, e2003452.	2.6	22
7927	KRIT1 Regulates the Homeostasis of Intracellular Reactive Oxygen Species. <i>PLoS ONE</i> , 2010, 5, e11786.	1.1	106
7928	Differential Trafficking of Oxidized LDL and Oxidized LDL Immune Complexes in Macrophages: Impact on Oxidative Stress. <i>PLoS ONE</i> , 2010, 5, e12534.	1.1	30
7929	Acetylation of the Pro-Apoptotic Factor, p53 in the Hippocampus following Cerebral Ischemia and Modulation by Estrogen. <i>PLoS ONE</i> , 2011, 6, e27039.	1.1	33
7930	Cord Blood Glutathione Depletion in Preterm Infants: Correlation with Maternal Cysteine Depletion. <i>PLoS ONE</i> , 2011, 6, e27626.	1.1	40
7931	Genome-Wide Association Analysis of Oxidative Stress Resistance in <i>Drosophila melanogaster</i> . <i>PLoS ONE</i> , 2012, 7, e34745.	1.1	127
7932	Phosphorylation and Subcellular Localization of p27Kip1 Regulated by Hydrogen Peroxide Modulation in Cancer Cells. <i>PLoS ONE</i> , 2012, 7, e44502.	1.1	18
7933	Uroporphyrinogen Decarboxylase as a Potential Target for Specific Components of Traditional Chinese Medicine: A Virtual Screening and Molecular Dynamics Study. <i>PLoS ONE</i> , 2012, 7, e50087.	1.1	28
7934	VCP Is an Integral Component of a Novel Feedback Mechanism that Controls Intracellular Localization of Catalase and H ₂ O ₂ Levels. <i>PLoS ONE</i> , 2013, 8, e56012.	1.1	18
7935	Oleic, Linoleic and Linolenic Acids Increase ROS Production by Fibroblasts via NADPH Oxidase Activation. <i>PLoS ONE</i> , 2013, 8, e58626.	1.1	41
7936	Toxic Effect of Silica Nanoparticles on Endothelial Cells through DNA Damage Response via Chk1-Dependent G2/M Checkpoint. <i>PLoS ONE</i> , 2013, 8, e62087.	1.1	174
7937	Modulation of Oxidative Stress by Twist Oncoproteins. <i>PLoS ONE</i> , 2013, 8, e72490.	1.1	14
7938	Fermented Wheat Powder Induces the Antioxidant and Detoxifying System in Primary Rat Hepatocytes. <i>PLoS ONE</i> , 2013, 8, e83538.	1.1	33

#	ARTICLE	IF	CITATIONS
7939	Lactate Regulates Rat Male Germ Cell Function through Reactive Oxygen Species. PLoS ONE, 2014, 9, e88024.	1.1	53
7940	Relationship between Serum Ferritin Levels and Sarcopenia in Korean Females Aged 60 Years and Older Using the Fourth Korea National Health and Nutrition Examination Survey (KNHANES IV-2, 3), 2008â€”2009. PLoS ONE, 2014, 9, e90105.	1.1	25
7941	Paraquat-Induced Reactive Oxygen Species Inhibit Neutrophil Apoptosis via a p38 MAPK/NF-Î±/IL-6/TNF-Î± Positive-Feedback Circuit. PLoS ONE, 2014, 9, e93837.	1.1	40
7942	Antioxidant and Anti-Inflammatory Activities of Extracts from <i>Cassia alata</i> , <i>Eleusine indica</i> , <i>Eremomastax speciosa</i> , <i>Carica papaya</i> and <i>Polyscias fulva</i> Medicinal Plants Collected in Cameroon. PLoS ONE, 2014, 9, e103999.	1.1	85
7943	Activation of Antioxidant Defenses in Whole Saliva by Psychosocial Stress Is More Manifested in Young Women than in Young Men. PLoS ONE, 2014, 9, e115048.	1.1	31
7944	Serum Thiols as a Biomarker of Disease Activity in Lupus Nephritis. PLoS ONE, 2015, 10, e0119947.	1.1	16
7945	Redox Proteomics of the Inflammatory Secretome Identifies a Common Set of Redoxins and Other Glutathionylated Proteins Released in Inflammation, Influenza Virus Infection and Oxidative Stress. PLoS ONE, 2015, 10, e0127086.	1.1	68
7946	Attenuation of Inflammatory Mediators (TNF-Î± and Nitric Oxide) and Up-Regulation of IL-10 by Wild and Domesticated Basidiocarps of <i>Amauroderma rugosum</i> (Blume & T. Nees) Torrend in LPS-Stimulated RAW264.7 Cells. PLoS ONE, 2015, 10, e0139593.	1.1	28
7947	Iron and Oxidative Stress in Parkinsonâ€™s Disease: An Observational Study of Injury Biomarkers. PLoS ONE, 2016, 11, e0146129.	1.1	110
7948	Strong Associations Exist among Oxidative Stress and Antioxidant Biomarkers in the Circulating, Cellular and Urinary Anatomical Compartments in Guatemalan Children from the Western Highlands. PLoS ONE, 2016, 11, e0146921.	1.1	13
7949	Copper Nanoparticles and Copper Sulphate Induced Cytotoxicity in Hepatocyte Primary Cultures of <i>Epinephelus coioides</i> . PLoS ONE, 2016, 11, e0149484.	1.1	34
7950	Rb and p53 Liver Functions Are Essential for Xenobiotic Metabolism and Tumor Suppression. PLoS ONE, 2016, 11, e0150064.	1.1	5
7951	Relationship between Serum Ferritin Levels and Dyslipidemia in Korean Adolescents. PLoS ONE, 2016, 11, e0153167.	1.1	19
7952	<i>Rosa canina</i> Extracts Have Antiproliferative and Antioxidant Effects on Caco-2 Human Colon Cancer. PLoS ONE, 2016, 11, e0159136.	1.1	69
7953	Endoplasmic Reticulum Stress Links Oxidative Stress to Impaired Pancreatic Beta-Cell Function Caused by Human Oxidized LDL. PLoS ONE, 2016, 11, e0163046.	1.1	75
7954	Quantitative Structure Activity Relationship Models for the Antioxidant Activity of Polysaccharides. PLoS ONE, 2016, 11, e0163536.	1.1	45
7955	Oxidative Stress in Wild Boars Naturally and Experimentally Infected with <i>Mycobacterium bovis</i> . PLoS ONE, 2016, 11, e0163971.	1.1	11
7956	Neuroprotective Effects of Pomegranate Peel Extract after Chronic Infusion with Amyloid-Î² Peptide in Mice. PLoS ONE, 2016, 11, e0166123.	1.1	60

#	ARTICLE	IF	CITATIONS
7957	Dietary Probiotic <i>Bacillus subtilis</i> Strain fmbj Increases Antioxidant Capacity and Oxidative Stability of Chicken Breast Meat during Storage. <i>PLoS ONE</i> , 2016, 11, e0167339.	1.1	48
7958	Post-Marketing Safety Surveillance of the <i>Salvia Miltiorrhiza</i> Depside Salt for Infusion: A Real World Study. <i>PLoS ONE</i> , 2017, 12, e0170182.	1.1	17
7959	Chronic PARP-1 inhibition reduces carotid vessel remodeling and oxidative damage of the dorsal hippocampus in spontaneously hypertensive rats. <i>PLoS ONE</i> , 2017, 12, e0174401.	1.1	12
7960	Insulin-stimulated lipid accumulation is inhibited by ROS-scavenging chemicals, but not by the Drp1 inhibitor Mdivi-1. <i>PLoS ONE</i> , 2017, 12, e0185764.	1.1	9
7961	S-allylmercapto-N-acetylcysteine protects against oxidative stress and extends lifespan in <i>Caenorhabditis elegans</i> . <i>PLoS ONE</i> , 2018, 13, e0194780.	1.1	11
7962	Relationship between stress levels and the status of serum antioxidant vitamins. <i>International Journal of Medicine and Biomedical Research</i> , 2014, , 132-136.	0.0	1
7963	Effect of meloxicam and its combination with levofloxacin, pazufloxacin, and enrofloxacin on the plasma antioxidative activity and the body weight of rabbits. <i>Veterinary World</i> , 2013, 6, 950-954.	0.7	5
7964	Effect of exogenous melatonin and different photoperiods on oxidative status and antioxidant enzyme activity in Chhotanagpuri ewe. <i>Veterinary World</i> , 2018, 11, 130-134.	0.7	9
7965	Tempe extract reduces cell damage in the liver and kidneys after intensive physical exercise in rats. <i>Veterinary World</i> , 2020, 13, 1510-1516.	0.7	5
7966	Exogenous Antioxidants are Double-edged Swords. <i>Bezmi-Ålem Science</i> , 2016, 4, 70-75.	0.1	16
7967	DIETARY FACTORS AND COGNITIVE DECLINE. <i>journal of prevention of Alzheimer's disease, The</i> , 2016, 3, 1-12.	1.5	64
7968	Regulation of Expression of Reactive Oxygen Intermediates During Plasmodium Infection to Reduce Immunopathology Provides a Possible Antioxidant Adjuvant to Enhance Anti-Malarial Drug Therapy. <i>International Journal of Clinical Microbiology</i> , 2017, 1, 8-15.	1.0	2
7969	Anti-oxidative and Anti-inflammatory Activities of <i>Sasa borealis</i> Extracts. <i>Journal of Agriculture & Life Science</i> , 2015, 49, 145-154.	0.1	9
7970	Potential role of hydrogen peroxide and melanin in the cold hardiness of <i>Ostrinia nubilalis</i> (Lepidoptera: Pyralidae). <i>European Journal of Entomology</i> , 2009, 106, 451-454.	1.2	17
7971	Vitamin D status and oxidative stress in diabetes mellitus. <i>Cellular and Molecular Biology</i> , 2018, 64, 60-69.	0.3	22
7972	A review on nickel nanoparticles as effective therapeutic agents for inflammation. <i>Inflammation and Cell Signaling</i> , 0, , .	1.6	7
7973	Emerging roles for non-selenium containing ER-resident glutathione peroxidases in cell signaling and disease. <i>Biological Chemistry</i> , 2021, 402, 271-287.	1.2	26
7974	Impacts of dietary exposure to sodium or potassium salts of nitrate and nitrite on the development of <i>Drosophila melanogaster</i> . <i>Interdisciplinary Toxicology</i> , 2017, 10, 70-78.	1.0	5

#	ARTICLE	IF	CITATIONS
7975	Mitigation of aflatoxin B ₁ - and sodium arsenite-induced cytotoxicities in HUC-PC urinary bladder cells by curcumin and <i>Khaya senegalensis</i> . Journal of Basic and Clinical Physiology and Pharmacology, 2020, 31, .	0.7	4
7976	<i>Curculigo pilosa</i> mitigates against oxidative stress and structural derangements in pancreas and kidney of streptozotocin-induced diabetic rats. Journal of Complementary and Integrative Medicine, 2021, 17, .	0.4	8
7977	Lipid Peroxidation, Antioxidative Defense and Level of 8-Hydroxy-2-Deoxyguanosine in Cervical Cancer Patients. Journal of Medical Biochemistry, 2018, 37, 336-345.	0.7	26
7978	Modulators of KATP channels in the prevention of oxidative stress and antioxidant capacity improvement in the rat heart with different resistance to hypoxia upon cobalt treatment. Journal of Veterinary Research (Poland), 2016, 60, 195-206.	0.3	1
7979	Phytochemical Investigation and In Vitro Antioxidant Activities of Tetracarpidium conophorum (African Walnut) Seeds. Avicenna Journal of Medical Biochemistry, 2018, 6, 56-61.	0.5	1
7980	Captopril and Valsartan May Improve Cognitive Function Through Potentiation of the Brain Antioxidant Defense System and Attenuation of Oxidative/Nitrosative Damage in STZ-Induced Dementia in Rat. Advanced Pharmaceutical Bulletin, 2016, 6, 531-539.	0.6	33
7981	Anticonvulsant and Antioxidant Effects of Pitavastatin Against Pentylentetrazol-Induced Kindling in Mice. Advanced Pharmaceutical Bulletin, 2017, 7, 291-298.	0.6	8
7982	Antioxidant Activity, Total Phenolic and Flavonoid Contents of Three Onobrychis Species from Iran. Pharmaceutical Sciences, 2016, 22, 112-119.	0.8	18
7983	Dietary Antioxidant and Oxidative Stress: Interaction between Vitamins and Genetics. Journal of Nutritional Health & Food Science, 2015, 3, .	0.3	7
7984	Comparative Study on Antioxidative Activity of Glycyrrhiza uralensis and Glycyrrhiza glabra Extracts by Country of Origin. Journal of the Society of Cosmetic Scientists of Korea, 2013, 39, 1-8.	0.2	19
7985	Free radical scavenging activity of fruiting body extracts of an edible mushroom, Volvariella volvacea (Bull.ex Fr.) Singer: an in vitro study. , 2014, 4, 6-11.		4
7986	Ultra-structural Study by Transmission Electron Microscopy: Effect of Omega-3 on Ovary Cell Organelles after Experimental Induced Poly Cystic Ovary Syndrome. International Journal of Women's Health and Reproduction Sciences, 2014, 2, 186-194.	0.2	4
7987	Developmental programming of insulin resistance: are androgens the culprits?. Journal of Endocrinology, 2020, 245, R23-R48.	1.2	15
7988	Role of nitro-oxidative stress in the pathogenesis of experimental rat periodontitis. Medicine and Pharmacy Reports, 2016, 89, 150-159.	0.2	6
7989	THE MAIN PARAMETERS OF THE ANTIOXIDANT SYSTEM IN BLOOD OF MALE AND FEMALE RABBITS IN AGE DYNAMICS. Sel'skokhozyaistvennaya Biologiya, 2015, 50, 208-216.	0.1	1
7990	Pengaruh Hiperglikemia dan Vitamin E pada Kadar Malonaldehidida dan Enzim Antioksidan Intrasel Jaringan Pankreas Tikus. Majalah Kedokteran Bandung, 2011, 43, 72-76.	0.2	3
7991	Role of free radicals and certain antioxidants in the management of huntingtonâ€™s disease: a review. Journal of Analytical & Pharmaceutical Research, 2018, 7, .	0.3	22
7992	Effects of L-glutamic acid and pyridoxine on glutathione depletion and lipid peroxidation generated by epinephrine-induced stress in rats. Ukrainian Biochemical Journal, 2018, 90, 102-110.	0.1	10

#	ARTICLE	IF	CITATIONS
7993	Pro- and antioxidant systems and pathological processes in humans. <i>Visnik Nacional Noi Akademii Nauk Ukraini</i> , 2014, , 17-29.	0.0	9
7994	Role of Protein Kinase C in Diabetic Complications. <i>Journal of Pharmaceutical Technology Research and Management</i> , 2019, 7, 87-95.	0.3	8
7995	Effect of <i>Atractylodes Rhizoma Alba</i> , <i>Houttuyniae Herba</i> , <i>Lonicerae Flos</i> , <i>Agrobacterium Rhizogenes</i> and <i>Coptidis Rhizoma</i> Extracts Combined with Metformin on the Antioxidant and Adipocyte Differentiate Inhibition. <i>Journal of Korean Medicine for Obesity Research</i> , 2015, 15, 24-32.	0.7	6
7996	<i>Sorbus rufopilosa</i> Extract Exhibits Antioxidant and Anticancer Activities by Inducing Cell Cycle Arrest and Apoptosis in Human Colon Adenocarcinoma HT29 Cells. <i>Journal of Cancer Prevention</i> , 2016, 21, 249-256.	0.8	4
7997	Antimutagenic and Antioxidant Activities of Thai Rice Brans. <i>Journal of Cancer Prevention</i> , 2017, 22, 89-97.	0.8	19
7998	Î²-Carotene Inhibits Activation of NF-Î²B, Activator Protein-1, and STAT3 and Regulates Abnormal Expression of Some Adipokines in 3T3-L1 Adipocytes. <i>Journal of Cancer Prevention</i> , 2018, 23, 37-43.	0.8	29
7999	Ceramic Textiles from Mineral Oxides Microfibers Coating (Nanobionic®) Efficiently Emit Infrared Rays and Reduce Free Radical Levels in Healthy Volunteers and in Patients with Free Radical-Related Disorders. <i>Journal of Medicinal Chemistry and Toxicology</i> , 2016, 1, 1-7.	0.2	5
8000	Acute phase response and oxidative stress parameters in pneumonic camel calves (<i>Camelus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.1	6
8001	Novel Approaches of Oxidative Stress Mechanisms in the Multiple Sclerosis Pathophysiology and Therapy. , 0, , 155-171.		6
8002	Determination of total antioxidant capacity in marmalade and marshmallow. <i>Eastern-European Journal of Enterprise Technologies</i> , 2016, 4, 43.	0.3	7
8003	FEATURES OF CYTOKINE PRODUCTION IN PATIENTS WITH RECURRENT HERPETIC INFECTION. <i>Medical Immunology (Russia)</i> , 2014, 15, 571.	0.1	3
8004	Oxidative stress, its role in the pathogenesis of chronic heart failure, and potential methods of correction. <i>Cardiovascular Therapy and Prevention (Russian Federation)</i> , 2012, 11, 91-94.	0.4	9
8005	Human papillomavirus type 18 E5 oncoprotein cooperates with E6 and E7 in promoting cell viability and invasion and in modulating the cellular redox state. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2020, 115, e190405.	0.8	14
8006	Stability of phenolic compounds and antioxidant capacity of regular and decaffeinated coffees. <i>Brazilian Archives of Biology and Technology</i> , 2014, 57, 110-118.	0.5	21
8007	Bioisosteric modification on melatonin: synthesis of new naphthalene derivatives, in vitro antioxidant activity and cytotoxicity studies. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 0, 56, .	1.2	8
8009	Antioxidant and Antiproliferative Properties of Extract and Fractions from Small Red Bean (<i>Phaseolus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.0	6
8010	Oksidatif stres durumunda antioksidan enzimlerin rolü - SÄ¼peroksit dismutaz (SOD), katalaz (CAT) ve glutatyon peroksidaz (GPX). SÄ¼leyman Demirel Åeniversitesi TÄ±p FakÄ¼ltesi Dergisi, 2019, 26, 362-369.	0.0	12
8011	The Preventive Effect of Thymoquinone and <i>Ceratonia Siliqua</i> L. in Experimental Asthmatic Pregnant Rats: Histologically and Immunohistochemically Evaluation. <i>Hittite Journal of Science & Engineering</i> , 2019, 6, 215-222.	0.2	2

#	ARTICLE	IF	CITATIONS
8012	Antioxidant Activity and Inhibition Activity against α -Glucosidase and PTP1B of Chrysanthemum indicum L. Extract and Fractions. <i>Journal of the East Asian Society of Dietary Life</i> , 2017, 27, 235-242.	0.4	1
8013	Antioxidant supplementation in female ruminants during the periconceptual period: A review. <i>Revista Colombiana De Ciencias Pecuarias</i> , 2018, 31, 245-255.	0.4	1
8014	Reactive Oxygen Species and Antioxidant Enzymes in the Developing Brain. <i>International Journal of Neurology Research</i> , 2015, 1, 123-128.	0.2	2
8015	Ultrasound-Assisted Extraction of Polyphenols from Ginger (<i>Zingiber officinale</i>) and Evaluation of its Antioxidant and Antimicrobial Properties. <i>Journal of Food Chemistry and Nanotechnology</i> , 2020, 6, .	0.7	7
8016	Correlation of Seminal Plasma Total Antioxidant Capacity and Malondialdehyde Levels With Sperm Parameters in Men With Idiopathic Infertility. <i>Avicenna Journal of Medical Biochemistry</i> , 2016, Inpress, .	0.5	10
8017	The Effects of the Synthetic Antioxidant, Tempol, on Serum Glucose and Lipid Profile of Diabetic and Non-Diabetic Rats. <i>Avicenna Journal of Medical Biochemistry</i> , 2016, 4, .	0.5	6
8018	Phytochemicals in Cancer Prevention: A Review of the Evidence. <i>Iranian Journal of Cancer Prevention</i> , 2017, In Press, .	0.7	20
8019	17 β -Estradiol Stimulates Generation of Reactive Species Oxygen and Nitric Oxide in Ovarian Adenocarcinoma Cells (OVCAR 3). <i>Iranian Journal of Cancer Prevention</i> , 2015, 8, e2332.	0.7	18
8020	Therapeutic Significance of Natural Anti Oxidants. <i>Jundishapur Journal of Natural Pharmaceutical Products</i> , 2013, 8, 99-99.	0.3	4
8021	Essential Oil of Aerial Parts of <i>Adiantum capillus-veneris</i> : Chemical Composition and Antioxidant Activity. <i>Jundishapur Journal of Natural Pharmaceutical Products</i> , 2015, 10, .	0.3	5
8022	Sepsis için yeni bir oksidatif stres biyobelirteci: dinamik tiyol-disülfit homeostazisi. <i>Cukurova Medical Journal</i> , 2020, 45, 63-70.	0.1	2
8024	ANTIOXIDANT AND ANTI-HEMOLYTIC ACTIVITIES OF PHENOLIC CONSTITUENTS OF SIX MOROCCAN DATE FRUIT (<i>PHOENIX DACTYLIFERA</i> L.) SYRUPS. <i>Journal of Global Innovations in Agricultural and Social Sciences</i> , 2015, 3, 63-67.	0.3	2
8027	Hydrogen sulfide intervention in cystathionine- β -synthase mutant mouse helps restore ocular homeostasis. <i>International Journal of Ophthalmology</i> , 2019, 12, 754-764.	0.5	16
8028	Elevated advanced oxidation protein products levels in patients with liver cirrhosis.. <i>Acta Biochimica Polonica</i> , 2009, 56, .	0.3	16
8029	Advanced oxidation protein products and inflammatory markers in liver cirrhosis: a comparison between alcohol-related and HCV-related cirrhosis.. <i>Acta Biochimica Polonica</i> , 2011, 58, .	0.3	31
8030	The activity of antioxidant enzymes in colorectal adenocarcinoma and corresponding normal mucosa.. <i>Acta Biochimica Polonica</i> , 2012, 59, .	0.3	18
8031	A study of free radical chemistry: their role and pathophysiological significance.. <i>Acta Biochimica Polonica</i> , 2013, 60, .	0.3	131
8032	Age-dependent systemic DNA damage in early Type 2 Diabetes mellitus. <i>Acta Biochimica Polonica</i> , 2017, 64, 233-238.	0.3	7

#	ARTICLE	IF	CITATIONS
8033	ESR1 and GPX1 genes expression level in human malignant and non-malignant breast tissues. <i>Acta Biochimica Polonica</i> , 2018, 65, 51-57.	0.3	12
8034	Free Radical Scavenging and Alpha/Beta-glucosidases Inhibitory Activities of Rambutan (<i>Nephelium</i>) Tj ETQq1 1 0.784314 rgBT /Overload	0.2	9
8035	SOD2 deficiency promotes aging phenotypes in mouse skin. <i>Aging</i> , 2012, 4, 116-118.	1.4	18
8036	Alterations in oxidative, inflammatory and apoptotic events in short-lived and long-lived mice testes. <i>Aging</i> , 2016, 8, 95-110.	1.4	34
8037	Bisdemethoxycurcumin exerts pro-apoptotic effects in human pancreatic adenocarcinoma cells through mitochondrial dysfunction and a GRP78-dependent pathway. <i>Oncotarget</i> , 2016, 7, 83641-83656.	0.8	19
8038	Cytochrome P450 1B1 inhibition suppresses tumorigenicity of prostate cancer via caspase-1 activation. <i>Oncotarget</i> , 2017, 8, 39087-39100.	0.8	28
8039	Reactive oxygen/nitrogen species contribute substantially to the antileukemia effect of APO866, a NAD lowering agent. <i>Oncotarget</i> , 2019, 10, 6723-6738.	0.8	19
8040	Tudor staphylococcal nuclease drives chemoresistance of non-small cell lung carcinoma cells by regulating S100A11. <i>Oncotarget</i> , 2015, 6, 12156-12173.	0.8	24
8041	Reactive oxygen species a double-edged sword for mesothelioma. <i>Oncotarget</i> , 2015, 6, 16848-16865.	0.8	70
8042	Activation of sirtuin 1/3 improves vascular hyporeactivity in severe hemorrhagic shock by alleviation of mitochondrial damage. <i>Oncotarget</i> , 2015, 6, 36998-37011.	0.8	35
8043	Reprogramming human A375 amelanotic melanoma cells by catalase overexpression: Upregulation of antioxidant genes correlates with regression of melanoma malignancy and with malignant progression when downregulated. <i>Oncotarget</i> , 0, 7, 41154-41171.	0.8	27
8044	The effect of N-acetylcysteine on biomarkers for radiation-induced oxidative damage in a rat model. <i>Acta Medica Okayama</i> , 2008, 62, 403-9.	0.1	17
8045	LC-MS Analysis and Antioxidant Activity of the Hydro-alcoholic Extract of <i>Melissa Officinalis</i> L. From Algeria. <i>Chemistry Journal of Moldova</i> , 2020, 15, 78-87.	0.3	1
8046	Î ² -Thalassemia Mutations among Thalassemia Major Patients in Basrah Province " Iraq. <i>International Journal of Current Microbiology and Applied Sciences</i> , 2016, 5, 448-457.	0.0	6
8047	Oxidative Stress and Schizophrenia. <i>Journal of Psychiatry and Brain Science</i> , 2017, , .	0.3	2
8048	EFFECT OF "TAI CHI" EXERCISE ON ANTIOXIDANT ENZYMES ACTIVITIES AND IMMUNITY FUNCTION IN MIDDLE-AGED PARTICIPANTS. <i>African Journal of Traditional Complementary and Alternative Medicines</i> , 2016, 13, 87-90.	0.2	6
8049	Carotenoid Content in Field-grown versus Greenhouse-grown Peppers: Different Responses in Leaf and Fruit. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2012, 47, 852-855.	0.5	21
8050	Reviewing the Protective Role of Antioxidants in Oxidative Stress Caused by Free Radicals. <i>Asian Pacific Journal of Health Sciences</i> , 2014, 1, 401-406.	0.0	5

#	ARTICLE	IF	CITATIONS
8051	Study of Phytochemical Analysis and Antioxidant Activity of <i>Allium sativum</i> of Bundelkhand Region. , 2017, 3, 1451-1458.		24
8052	Alteration of oxidative stress markers and behavior of rats in a novel model of depression. <i>Acta Neurobiologiae Experimentalis</i> , 2019, 79, 232-238.	0.4	13
8053	Histopathological and Histochemical Assessment of Monosodium Glutamate-Induced Hepatic Toxicity and the Amelioration with Propolis.. <i>Ain Shams Journal of Forensic Medicine and Clinical Toxicology</i> , 2019, 33, 24-36.	0.2	3
8054	Biochemical alterations of resveratrol on oxidative stress in experimental induced non - alcoholic fatty liver disease in rats. <i>Benha Veterinary Medical Journal</i> , 2015, 28, 166-177.	0.0	1
8055	Neurodegeneration and oxidative stress induced by tramadol administration in male rats: The effect of its withdrawal. <i>Benha Veterinary Medical Journal</i> , 2017, 33, 149-159.	0.0	6
8056	OXIDATIVE STRESS AND IMMUNOGLOBULIN LEVELS IN WORKERS EXPOSED TO COTTON DUST. <i>Egyptian Journal of Occupational Medicine</i> , 2012, 36, 107-121.	0.2	1
8057	The protective effects and ameliorative potency of the haemolymph from the Saudi scorpion <i>Androctonus crassicauda</i> against the oxidative stress induced by its crude venom: A pharmacological study. <i>Journal of Bioscience and Applied Research</i> , 2018, 4, 218-259.	0.1	1
8058	EVALUATION OF BIOACTIVE COMPOUNDS OF <i>Stevia rebaudiana</i> LEAVES AND CALLUS. <i>Journal of Food and Dairy Sciences</i> , 2010, 1, 209-224.	0.1	9
8059	Changes of Total Phenolics, Tannins, Phytate and Antioxidant Activity of Two Sorghum Cultivars as Affected by Processing. <i>Journal of Food and Dairy Sciences</i> , 2017, 8, 267-274.	0.1	18
8060	The Impact of Oxidative Stress on Islet Transplantation and Monitoring the Graft Survival by Non-Invasive Imaging. <i>Current Medicinal Chemistry</i> , 2013, 20, 1127-1146.	1.2	24
8061	Oxidative Stress and Amyloid Beta Toxicity in Alzheimer's Disease: Intervention in a Complex Relationship by Antioxidants. <i>Current Medicinal Chemistry</i> , 2013, 20, 4648-4664.	1.2	57
8062	4-Hydroxynonenal in the Pathogenesis and Progression of Human Diseases. <i>Current Medicinal Chemistry</i> , 2013, 21, 230-237.	1.2	140
8063	Morin: A Promising Natural Drug. <i>Current Medicinal Chemistry</i> , 2016, 23, 774-791.	1.2	164
8064	The Effect of CB1 Antagonism on Hepatic Oxidative/Nitrosative Stress and Inflammation in Nonalcoholic Fatty Liver Disease. <i>Current Medicinal Chemistry</i> , 2020, 28, 169-180.	1.2	13
8065	Association of Oxidative Stress with Psychiatric Disorders. <i>Current Pharmaceutical Design</i> , 2016, 22, 2960-2974.	0.9	54
8066	Proteasome Inhibitors in Cancer Therapy and their Relation to Redox Regulation. <i>Current Pharmaceutical Design</i> , 2019, 24, 5252-5267.	0.9	2
8067	Prophylaxis of Non-communicable Diseases: Why Fruits and Vegetables may be Better Chemopreventive Agents than Dietary Supplements Based on Isolated Phytochemicals?. <i>Current Pharmaceutical Design</i> , 2019, 25, 1847-1860.	0.9	21
8068	An Overview on ATP Dependent and Independent Proteases Including an Anterograde to Retrograde Control on Mitochondrial Function; Focus on Diabetes and Diabetic Complications. <i>Current Pharmaceutical Design</i> , 2019, 25, 2584-2594.	0.9	8

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8069	Effects of Aging and Diet on Cardioprotection and Cardiometabolic Risk Markers. <i>Current Pharmaceutical Design</i> , 2019, 25, 3704-3714.	0.9	9
8070	Caffeoylquinic Acids with Potential Biological Activity from Plant In vitro Cultures as Alternative Sources of Valuable Natural Products. <i>Current Pharmaceutical Design</i> , 2020, 26, 2817-2842.	0.9	14
8071	The Role of Antioxidants in the Prevention of Cadmium-Induced Endothelial Dysfunction. <i>Current Pharmaceutical Design</i> , 2020, 26, 3667-3675.	0.9	22
8072	Biosensors for Antioxidant Evaluation in Biological Systems. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2013, 16, 109-120.	0.6	7
8073	<i>Tamarix articulata</i> (T. articulata) - An Important Halophytic Medicinal Plant with Potential Pharmacological Properties. <i>Current Pharmaceutical Biotechnology</i> , 2019, 20, 285-292.	0.9	18
8074	Antioxidants and Mucolytics in COPD Management: When (if ever) and in Whom?. <i>Current Drug Targets</i> , 2013, 14, 225-234.	1.0	25
8075	The Role of Oxidative Stress in Huntington's Disease: Are Antioxidants Good Therapeutic Candidates?. <i>Current Drug Targets</i> , 2014, 15, 454-468.	1.0	77
8076	Mitochondrial Tolerance to Drugs and Toxic Agents in Ageing and Disease. <i>Current Drug Targets</i> , 2011, 12, 827-849.	1.0	16
8077	Radicals, Oxidative/Nitrosative Stress and Preeclampsia. <i>Mini-Reviews in Medicinal Chemistry</i> , 2019, 19, 178-193.	1.1	119
8078	Derivatives and Analogues of Resveratrol: Recent Advances in Structural Modification. <i>Mini-Reviews in Medicinal Chemistry</i> , 2019, 19, 809-825.	1.1	20
8079	Understanding the Role of Aldose Reductase in Ocular Inflammation. <i>Current Molecular Medicine</i> , 2010, 10, 540-549.	0.6	38
8080	Chronic Hypoxia Potentiates Age-Related Oxidative Imbalance in Brain Vessels and Synaptosomes. <i>Current Neurovascular Research</i> , 2010, 7, 288-300.	0.4	14
8081	Uric Acid and Cu/Zn Superoxide Dismutase: Potential Strategies and Biomarkers in Functional Recovery of Post-Acute Ischemic Stroke Patients after Intensive Neurorehabilitation. <i>Current Neurovascular Research</i> , 2015, 12, 120-127.	0.4	16
8082	Anti-Tumorigenic Effects of Resveratrol in Lung Cancer Cells Through Modulation of c-FLIP. <i>Current Cancer Drug Targets</i> , 2017, 17, 669-680.	0.8	27
8083	Targeting TRPs in Neurodegenerative Disorders. <i>Current Topics in Medicinal Chemistry</i> , 2013, 13, 322-334.	1.0	19
8084	Electromagnetic Energy as a Bridge Between Atomic and Cellular Levels in the Genetics Approach to Cancer Treatment. <i>Current Topics in Medicinal Chemistry</i> , 2015, 15, 572-578.	1.0	15
8085	Potential Roles of Selenium and Selenoproteins in the Prevention of Alzheimer's Disease. <i>Current Topics in Medicinal Chemistry</i> , 2015, 16, 835-848.	1.0	31
8086	Redox Processes in Neurodegenerative Disease Involving Reactive Oxygen Species. <i>Current Neuropharmacology</i> , 2012, 10, 289-302.	1.4	12

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8087	Oxidative Imbalance and Anxiety Disorders. <i>Current Neuropharmacology</i> , 2014, 12, 193-204.	1.4	58
8088	Novel Therapeutic Targets in Depression and Anxiety: Antioxidants as a Candidate Treatment. <i>Current Neuropharmacology</i> , 2014, 12, 108-119.	1.4	94
8089	Can Tea Consumption be a Safe and Effective Therapy Against Diabetes Mellitus-Induced Neurodegeneration?. <i>Current Neuropharmacology</i> , 2015, 12, 475-489.	1.4	18
8090	Anti-Oxidants in Parkinson's Disease Therapy: A Critical Point of View. <i>Current Neuropharmacology</i> , 2016, 14, 260-271.	1.4	82
8091	Neuroprotective Role of Agmatine in Neurological Diseases. <i>Current Neuropharmacology</i> , 2018, 16, 1296-1305.	1.4	40
8092	Neuroinflammation and the Immune-Kynurenine Pathway in Anxiety Disorders. <i>Current Neuropharmacology</i> , 2018, 16, 574-582.	1.4	86
8093	Antioxidant Properties of Crocus Sativus L. and Its Constituents and Relevance to Neurodegenerative Diseases; Focus on Alzheimer's and Parkinson's Disease. <i>Current Neuropharmacology</i> , 2019, 17, 377-402.	1.4	62
8094	Insights Into the Molecular Aspects of Neuroprotective Bacoside A and Bacopaside I. <i>Current Neuropharmacology</i> , 2019, 17, 438-446.	1.4	40
8095	Synthesis of Some New Benzimidazole Derivatives with their Antioxidant Activities. <i>Letters in Organic Chemistry</i> , 2015, 12, 227-232.	0.2	19
8096	Synthesis, Characterization, Free-radical Scavenging Capacity and Antioxidant Activity of Novel Series of Hydrazone, 1,3,4-oxadiazole and 1,2,4- triazole Derived from 3,5-dimethyl-1H-pyrazole. <i>Letters in Drug Design and Discovery</i> , 2019, 16, 712-720.	0.4	25
8097	Morphine as a Potential Oxidative Stress-Causing Agent. <i>Mini-Reviews in Organic Chemistry</i> , 2013, 10, 367-372.	0.6	77
8098	Oxidative Stress and Cardiac Remodeling: An Updated Edge. <i>Current Cardiology Reviews</i> , 2018, 14, 53-59.	0.6	83
8099	Chemical Analysis, Phenolic Content, and Antioxidant Activities of Aqueous and Organic Moroccan Juglans regia L. Bark Extracts. <i>Current Bioactive Compounds</i> , 2020, 16, 1328-1339.	0.2	6
8100	Mesenchymal Stem Cells Differentiation: Mitochondria Matter in Osteogenesis or Adipogenesis Direction. <i>Current Stem Cell Research and Therapy</i> , 2020, 15, 602-606.	0.6	9
8101	Biomarker Assessment in Nutritional Modulation of Oxidative Stress-Induced Cancer Development by Lipid-Related Bioactive Molecules. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2010, 5, 188-196.	0.8	7
8102	Anti-Tumor Mechanisms of Novel 3-(4-Substituted Benzyl)-5-Isopropyl-5- Phenylhydantoin Derivatives in Human Colon Cancer Cell Line. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2019, 19, 1491-1502.	0.9	4
8103	Acrylamide Induced Toxicity and the Propensity of Phytochemicals in Amelioration: A Review. <i>Central Nervous System Agents in Medicinal Chemistry</i> , 2019, 19, 100-113.	0.5	32
8104	Pleiotropic Beneficial Effects of Epigallocatechin Gallate, Quercetin and Delphinidin on Cardiovascular Diseases Associated with Endothelial Dysfunction. <i>Cardiovascular and Hematological Agents in Medicinal Chemistry</i> , 2014, 11, 249-264.	0.4	23

#	ARTICLE	IF	CITATIONS
8105	Oxidative Stress and Pathophysiology of Ischemic Stroke: Novel Therapeutic Opportunities. <i>CNS and Neurological Disorders - Drug Targets</i> , 2013, 12, 698-714.	0.8	487
8106	1,3,5-Pyrazoline Derivatives in CNS Disorders: Synthesis, Biological Evaluation and Structural Insights through Molecular Docking. <i>CNS and Neurological Disorders - Drug Targets</i> , 2020, 19, 448-465.	0.8	4
8107	Review of the Literature Examining the Association of Serum Uric Acid with Osteoporosis and Mechanistic Insights into Its Effect on Bone Metabolism. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2019, 19, 259-273.	0.6	15
8108	Antiproliferative and Apoptotic Properties of Andrographolide Against Human Colon Cancer DLD1 Cell Line. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2020, 20, 930-942.	0.6	10
8109	Are Oxidative Stress and Inflammation Mediators of Bone Loss Due to Estrogen Deficiency? A Review of Current Evidence. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2020, 20, 1478-1487.	0.6	49
8110	Marine Streptomyces Sp. VITMK1 Derived Pyrrolo [1, 2-A] Pyrazine-1, 4-Dione, Hexahydro-3-(2-Methylpropyl) and Its Free Radical Scavenging Activity. <i>The Open Bioactive Compounds Journal</i> , 2017, 5, 23-30.	0.8	15
8111	Impact of Aging on Steroid Hormone Biosynthesis and Secretion. <i>Open Longevity Science</i> , 2013, 6, 1-30.	0.8	12
8112	Exploring the Bio-efficacies of Methanolic Extracts of <i>Nostoc muscorum</i> and <i>Calothrix brevissima</i> with their Characterization Using GC-MS. <i>Natural Products Journal</i> , 2019, 8, 305-316.	0.1	2
8113	Antioxidant Effect of <i>Centella asiatica</i> Ethanolic Extract to Superoxide Dismutase (SOD) Level on <i>Cyprinus carpio</i> Liver. <i>Research Journal of Life Science</i> , 2018, 5, 163-172.	0.1	3
8114	Rela��o entre estresse oxidativo, altera��es epigen��ticas e c��ncer. <i>Ci��ncia E Cultura</i> , 2014, 66, 38-42.	0.5	9
8115	Dose Effect of Rhenium (I)-diselenoether as Anticancer Drug in Resistant Breast Tumor-bearing Mice After Repeated Administrations. <i>Anticancer Research</i> , 2016, 36, 6051-6058.	0.5	19
8116	Does Rectus Sheath Block Analgesia Alter Levels of the Oxidative Stress Biomarker Glutathione Peroxidase: A Randomised Trial of Patients with Cancer and Benign Disease. <i>Anticancer Research</i> , 2017, 37, 897-902.	0.5	4
8117	Mitochondrial Dysfunction and Redox Imbalance as a Diagnostic Marker of "Free Radical Diseases", 2017, 37, 5373-5381.		78
8118	Effects of Grape Juice in Superoxide Dismutase and Catalase in Colorectal Cancer Carcinogenesis Induced by Azoxy methane. <i>Asian Pacific Journal of Cancer Prevention</i> , 2018, 19, 2839-2844.	0.5	7
8119	Evaluation of Anti-oxidant and Anti-biofilm Activities of Biogenic Surfactants Derived from and. <i>Iranian Journal of Pharmaceutical Research</i> , 2020, 19, 115-126.	0.3	16
8121	Cinnamon effects on metabolic syndrome: a review based on its mechanisms. <i>Iranian Journal of Basic Medical Sciences</i> , 2016, 19, 1258-1270.	1.0	82
8122	Can crocin play a preventive role in Wistar rats with carbon tetrachloride-induced nephrotoxicity?. <i>Iranian Journal of Basic Medical Sciences</i> , 2018, 21, 382-387.	1.0	11
8123	Dietary phytate lowers - mutational frequency, decreases DNA-adduct and hydroxyl radical formation in azoxymethane-induced colon cancer. <i>Iranian Journal of Basic Medical Sciences</i> , 2020, 23, 20-29.	1.0	5

#	ARTICLE	IF	CITATIONS
8124	Comparison of Index Compounds Content and Antioxidative Activity of Wild Ginseng Pharmacopuncture by Extraction Methods. <i>The Journal of Internal Korean Medicine</i> , 2018, 39, 313-322.	0.0	6
8125	The effect of plant polyphenols on the antioxidant defence system of weaned piglets subjected to an <i>Escherichia coli</i> challenge. <i>Journal of Animal and Feed Sciences</i> , 2014, 23, 324-330.	0.4	12
8126	Effect of spermine on liver and spleen antioxidant status in weaned rats. <i>Journal of Animal and Feed Sciences</i> , 2016, 25, 335-342.	0.4	10
8127	Effect of an essential oils blend on growth performance, and selected parameters of oxidative stress and antioxidant defence of <i>Escherichia coli</i> challenged piglets. <i>Journal of Animal and Feed Sciences</i> , 0, , .	0.4	1
8129	Oxidative Stress and Alzheimer's Disease. <i>Journal of Dairy Science and Biotechnology</i> , 2020, 38, 134-141.	0.5	1
8130	Antioxidant and cytotoxic activity of mono- and bis-salicylic acid derivatives. <i>Acta Periodica Technologica</i> , 2014, , 173-189.	0.5	2
8131	Infection with <i>Strongyloides papillosus</i> in sheep: Effect of parasitic infection and treatment with albendazole on basic haematological parameters. <i>Biotechnology in Animal Husbandry</i> , 2016, 32, 369-381.	0.5	6
8132	The activity of superoxide-dismutase in animal cell culture CHO-K1 after treatment with fullerene and mytomicine C. <i>Hemijaska Industrija</i> , 2009, 63, 143-149.	0.3	2
8134	Age-related changes of vitamin C levels in aqueous humour. <i>Vojnosanitetski Pregled</i> , 2015, 72, 823-826.	0.1	10
8135	Hydrogen water intake may suppress liver glycogen utilization without affecting redox biomarkers during exercise in rats. <i>Gazzetta Medica Italiana Archivio Per Le Scienze Mediche</i> , 2019, 178, .	0.0	2
8136	Nrf2-Heme oxygenase-1 modulates autophagy and inhibits apoptosis triggered by elevated glucose levels in renal tubule cells. <i>Kidney Research and Clinical Practice</i> , 2019, 38, 318-325.	0.9	15
8137	Protective effect of maternal vitamin E supplementation on phenytoin-induced teratogenicity in rat pups. <i>Anatomy</i> , 2015, 9, 1-12.	0.2	2
8138	Targeting Apoptosis, Advanced Glycation End Products and Transforming Growth Factor- β 1 by Biguanides and Resveratrol to Ameliorate Experimentally-induced Diabetic Nephropathy. <i>Journal of Drug</i> , 2016, 1, 1-9.	1.0	5
8139	EVALUATION OF ANTIOXIDANT ACTIVITY OF in vitro PROPAGATED MEDICINAL <i>Ceratophyllum demersum</i> L. EXTRACTS. <i>Acta Scientiarum Polonorum, Hortorum Cultus</i> , 2018, 17, 23-33.	0.3	14
8140	Influence of sevoflurane or propofol anaesthesia on oxidative stress parameters in dogs with early-stage myxomatous mitral valve degeneration. A preliminary study. <i>Acta Veterinaria</i> , 2018, 68, 32-42.	0.2	2
8141	Effect of extraction method on the antioxidative activity of ground elder (<i>Aegopodium podagraria</i>) Tj ETQq1 1 0,784314 rgBT /Overle 0,3 4	0.3	4
8142	The Effect of the Chronic Administration of DPP4-Inhibitors on Systemic Oxidative Stress in Rats with Diabetes Type 2. <i>Serbian Journal of Experimental and Clinical Research</i> , 2019, 20, 199-206.	0.2	3
8143	The Connection of Periodontal Disease and Diabetes Mellitus: The Role of Matrix Metalloproteinases and Oxidative Stress. <i>Serbian Journal of Experimental and Clinical Research</i> , 2019, .	0.2	7

#	ARTICLE	IF	CITATIONS
8144	Association of Pro-Antioxidant Status with Immunological Response in Healthy Men After Oral N-Acetyl-L-Cysteine Administration. <i>Medicina Sportiva</i> , 2008, 12, 129-135.	0.3	1
8145	Physical Exercise and Oxidative Stress. <i>Medicina Sportiva</i> , 2011, 15, 30-40.	0.3	11
8146	ANTİOKSİDANLAR. Mehmet Akif Ersoy Üniversitesi Veteriner Fakültesi Dergisi, 2016, 1, 65-65.	0.0	35
8147	Sepsis, mitochondrial failure and multiple organ dysfunction. <i>Clinical and Investigative Medicine</i> , 2014, 37, 58.	0.3	65
8148	The Effects of Pomegranate and Carvacrol on Methotrexate-Induced Bone Marrow Toxicity in Rats. <i>Clinical and Investigative Medicine</i> , 2014, 37, 93.	0.3	8
8149	Antioxidant Capacity Connection with Phenolic and Flavonoid Content in Chinese Medicinal Herbs. <i>Records of Natural Products</i> , 2018, 12, 239-250.	1.3	36
8150	Impact of weaning and an antioxidant blend on intestinal barrier function and antioxidant status in pigs. <i>Journal of Animal Science</i> , 2012, 90, 2581-2589.	0.2	122
8151	The Role of Antioxidant to Prevent Free Radicals in The Body. <i>Sains Medika</i> , 2017, 8, 39.	0.0	14
8152	Etiologies of sperm oxidative stress. <i>International Journal of Reproductive BioMedicine</i> , 2016, 14, 231-240.	0.5	182
8153	Stereological study on the effect of vitamin C in preventing the adverse effects of bisphenol A on rat ovary. <i>International Journal of Reproductive BioMedicine</i> , 2016, 14, 403-410.	0.5	15
8154	Chemical Composition and Antioxidant Activity of <i>Solenostemma oleifolium</i> Essential Oil from Southern Algeria. <i>Journal of Applied Biotechnology Reports</i> , 2019, 6, 50-54.	0.9	4
8155	Serum and Salivary Level of Nitric Oxide (NOx) and CRP in Oral Lichen Planus (OLP) Patients. <i>Journal of Dentistry</i> , 2020, 21, 6-11.	0.1	4
8156	Phytochemical screening and antioxidant activity of methanolic extract of <i>Ocimum sanctum</i> Linn. Leaves. <i>GSC Biological and Pharmaceutical Sciences</i> , 2019, 8, 022-033.	0.1	2
8157	Functional foods and bioactive compounds: Roles in the prevention, treatment and management of neurodegenerative diseases. <i>GSC Biological and Pharmaceutical Sciences</i> , 2020, 11, 297-313.	0.1	7
8158	Şekerli Pekmez İçerisinde Farklı Yağ Türleriyle Tespit Edilen Antioksidan Aktivitelerin Karşılaştırılması. <i>Turkish Journal of Agricultural and Natural Sciences</i> , 0, , 323-330.	0.1	4
8159	Effect of extremely low frequency electromagnetic field on brain histopathology of Caspian Sea <i>Cyprinus carpio</i> . <i>Electromagnetic Biology and Medicine</i> , 2017, 36, 31-38.	0.7	3
8160	Packaging Optimization and Integral Evaluation of Cooling Efficiency of Apples. <i>Food Science and Technology Research</i> , 2019, 25, 677-686.	0.3	2
8161	Effect of a Diet Supplemented with α -Tocopherol and β -Carotene on ATP and Antioxidant Levels after Hepatic Ischemia-Reperfusion. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2008, 43, 13-18.	0.6	16

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8162	Lâ€™effet phytoprotecteur de la nigelle (<i>Nigella sativa</i>) contre la toxicit� induite par le cadmium chez les rats. <i>Phytotherapie</i> , 2018, 16, 194-203.	0.1	5
8163	Body condition alters glutathione and nuclear factor erythroid 2-like 2 (NFE2L2)â€™related antioxidant network abundance in subcutaneous adipose tissue of periparturient Holstein cows. <i>Journal of Dairy Science</i> , 2020, 103, 6439-6453.	1.4	15
8164	Determination of oxidative stress parameters in fluoxetine users. <i>International Journal for Innovation Education and Research</i> , 2020, 8, 172-182.	0.0	1
8165	SMOKING-RELATED DNA ADDUCTS AS POTENTIAL DIAGNOSTIC MARKERS OF LUNG CANCER: NEW PERSPECTIVES. <i>Experimental Oncology</i> , 2015, 37, 5-12.	0.4	16
8166	Optimisation of Beetroot Juice Encapsulation by Freeze-Drying. <i>Polish Journal of Food and Nutrition Sciences</i> , 2020, 70, 25-34.	0.6	16
8167	Antioxidant Activity and Mechanism of Protocatechuic Acid in vitro. <i>Functional Foods in Health and Disease</i> , 2011, 1, 232.	0.3	183
8168	Squalene: a multi-task link in the crossroads of cancer and aging. <i>Functional Foods in Health and Disease</i> , 2013, 3, 462.	0.3	35
8169	Nrf2 activation as a future target of therapy for chronic diseases. <i>Functional Foods in Health and Disease</i> , 2015, 4, 510.	0.3	5
8170	Protein oxidation in breast microenvironment: Nipple aspirate fluid collected from breast cancer women contains increased protein carbonyl concentration. <i>Cellular Oncology</i> , 2009, 31, 383-92.	1.9	15
8171	Oxidative stress in animals: a pathophysiologist's view. <i>Russian Veterinary Journal</i> , 2020, 2020, 10-18.	0.2	4
8172	The Proteome of a Healthy Human during Physical Activity under Extreme Conditions. <i>Acta Naturae</i> , 2014, 6, 66-75.	1.7	8
8173	Natural antioxidants in cancer prevention. <i>Makedonsko Farmaceutvski Bilten</i> , 2013, 59, 3-14.	0.0	10
8174	The Evaluation of Oxidative Stress in the Serum and Tissue Specimens of Patients With Chronic Otitis Media. <i>Clinical and Experimental Otorhinolaryngology</i> , 2015, 8, 97.	1.1	6
8175	Silymarin regulates HIF-1� and iNOS expression in the brain and gills of hypoxic-reoxygenated rainbow trout <i>Oncorhynchus mykiss</i> . <i>Aquatic Biology</i> , 2012, 15, 261-273.	0.5	5
8176	Different susceptibilities of the Antarctic and temperate copepods <i>Tigriopus kingsejongensis</i> and <i>T. japonicus</i> to ultraviolet (UV) radiation. <i>Marine Ecology - Progress Series</i> , 2016, 561, 99-107.	0.9	17
8177	The comparison of antioxidant and hematological properties of N-acetylcysteine and a-lipoic acid in physically active males. <i>Physiological Research</i> , 2009, 58, 855-861.	0.4	35
8178	Integration of the Thiol Redox Status with Cytokine Response to Physical Training in Professional Basketball Players. <i>Physiological Research</i> , 2010, 59, 239-245.	0.4	29
8179	Hypoxia-Induced Lipid Peroxidation in the Brain During Postnatal Ontogenesis. <i>Physiological Research</i> , 2012, 61, S89-S101.	0.4	30

#	ARTICLE	IF	CITATIONS
8180	Changes in Oxidative Stress and Acid-Base Balance in Men and Women Following Maximal-Intensity Physical Exercise. <i>Physiological Research</i> , 2015, 64, 93-102.	0.4	23
8181	Direct Measurement of Free Radical Levels in the Brain After Cortical Ischemia Induced by Photothrombosis. <i>Physiological Research</i> , 2016, 65, 853-860.	0.4	4
8182	On the Pharmacology of Oxidative Burst of Human Neutrophils. <i>Physiological Research</i> , 2015, 64, S445-S452.	0.4	4
8183	Markers of Oxidative Stress and Antioxidant Status in the Plasma, Urine and Saliva of Healthy Mice. <i>Physiological Research</i> , 2018, 67, 921-934.	0.4	30
8184	Metabolic Cooperation in the Ovarian Follicle. <i>Physiological Research</i> , 2020, 69, 33-48.	0.4	35
8185	SYNTHESIS AND CRYSTALLOCHEMICAL PROPERTIES OF Ce-SUBSTITUTED NANOPARTICLES OF MANGANITE (La,Sr)MnO ₃ . <i>Ukrainian Chemical Journal</i> , 2019, 85, 17-24.	0.3	1
8186	Caenorhabditis elegans, a Host to Investigate the Probiotic Properties of Beneficial Microorganisms. <i>Frontiers in Nutrition</i> , 2020, 7, 135.	1.6	36
8187	The Effect of Repeated Whole-Body Cryotherapy on Sirt1 and Sirt3 Concentrations and Oxidative Status in Older and Young Men Performing Different Levels of Physical Activity. <i>Antioxidants</i> , 2021, 10, 37.	2.2	6
8188	Impact of Mycotoxins on Animals's™ Oxidative Status. <i>Antioxidants</i> , 2021, 10, 214.	2.2	56
8189	Anti-Inflammatory and Reactive Oxygen Species Suppression through Aspirin Pretreatment to Treat Hyperoxia-Induced Acute Lung Injury in NF- κ B ⁻ Luciferase Inducible Transgenic Mice. <i>Antioxidants</i> , 2020, 9, 429.	2.2	15
8190	Natural Coumarins: QSTR Approaches Regarding Their Genotoxicity. , 0, , .		1
8191	Nanoparticulate Gels for Cutaneous Administration of Caffeic Acid. <i>Nanomaterials</i> , 2020, 10, 961.	1.9	23
8192	Antioxidant Activity of Pigmented Rice and Impact on Health. <i>Jurnal Pangan</i> , 2019, 28, 11-22.	0.1	5
8193	Correlação entre Hiperglicemia e Células do SNC, com Enfoque na Atividade Glial. <i>Revista Neurociencias</i> , 2012, 20, 294-301.	0.0	3
8195	The Role of Natural Antioxidants Against Reactive Oxygen Species Produced by Cadmium Toxicity: A Review. <i>Advanced Pharmaceutical Bulletin</i> , 2020, 10, 184-202.	0.6	132
8196	Battle between plants as antioxidants with free radicals in human body. <i>Journal of HerbMed Pharmacology</i> , 2020, 9, 191-199.	0.4	50
8197	The effect of Malaysian stingless bee, <i>Trigona</i> spp. honey in promoting proliferation of the undifferentiated stem cell. <i>Asia-Pacific Journal of Molecular Biology and Biotechnology</i> , 0, , 10-19.	0.2	6
8198	Diversifikasi Pangan Sumber Karbohidrat <i>Canna edulis</i> Kerr. (Ganyong). <i>Jurnal Al-Azhar Indonesia: Seri Sains Dan Teknologi</i> , 2015, 2, 248.	0.0	4

#	ARTICLE	IF	CITATIONS
8200	Effect of Oxymatrine on H ₂ O ₂ Resistance in L ₆ Rat Myoblast Cells*. Progress in Biochemistry and Biophysics, 2012, 39, 662-670.	0.3	1
8201	Molecular Cloning and Characteristics of Catalase cDNA from Chinese Soft-shelled Turtle (<i>Pelodiscus sinensis</i>). Asian Herpetological Research, 2013, 4, 90-99.	0.2	1
8202	Panax notoginseng saponins protect rabbit bone marrow stromal cells from hydrogen peroxide-induced apoptosis. Zhong Xi Yi Jie He Xue Bao, 2010, 8, 131-137.	0.7	5
8203	Antiperoxidative potential of p-coumaric acid, a common dietary phenol, in adjuvant-induced arthritis in rats. Zhong Xi Yi Jie He Xue Bao, 2012, 10, 932-938.	0.7	10
8204	Protective effect of <i>Asystasia gangetica</i> reduced oxidative damage in the small intestine of streptozotocin-induced diabetic rats. Oriental Pharmacy and Experimental Medicine, 2009, 9, 307-314.	1.2	1
8205	Antioxidant Activity and Inhibition Activity against $\hat{\alpha}$ -Amylase and $\hat{\alpha}$ -Glucosidase of <i>Viola mandshurica</i> Extracts. Journal of the Korean Society of Food Science and Nutrition, 2008, 37, 405-409.	0.2	47
8206	Flavonoid Component Changes and Antioxidant Activities of Fermented <i>Citrus grandis</i> Osbeck Peel. Journal of the Korean Society of Food Science and Nutrition, 2009, 38, 1310-1316.	0.2	23
8207	Reactive Oxygen Species Scavenging Activity of Jeju Native Citrus Peel during Maturation. Journal of the Korean Society of Food Science and Nutrition, 2009, 38, 462-469.	0.2	30
8208	Antioxidative Activities of Water Extracts from Different Parts of <i>Taraxacum officinale</i> . Journal of the Korean Society of Food Science and Nutrition, 2010, 39, 1580-1586.	0.2	14
8209	Antioxidative Activities of the <i>Codonopsis lanceolata</i> Extract in vitro and in vivo. Journal of the Korean Society of Food Science and Nutrition, 2010, 39, 193-202.	0.2	20
8210	Antioxidative and Antigenotoxic Effect of Omija (<i>Schizandra chinensis</i> B.) Extracted with Various Solvents. Journal of the Korean Society of Food Science and Nutrition, 2010, 39, 487-493.	0.2	10
8211	Antioxidant and Anticancer Activities of Methanol Extracts Prepared from Different Parts of Jangseong Daebong Persimmon (<i>Diospyros kaki</i> cv. Hachiya). Journal of the Korean Society of Food Science and Nutrition, 2010, 39, 500-505.	0.2	21
8212	Antioxidative and Antimicrobial Activities of <i>Aruncus dioicus</i> var. <i>kamtschaticus</i> Hara Extracts. Journal of the Korean Society of Food Science and Nutrition, 2011, 40, 47-55.	0.2	23
8213	Effect of Extraction Methods on Antioxidant Activities of <i>Mori ramulus</i> . Journal of the Korean Society of Food Science and Nutrition, 2014, 43, 1709-1715.	0.2	16
8214	Antioxidant Activities of <i>Perilla frutescens</i> Britton Seed Extract and Its Inhibitory Effects against Major Characteristics of Cancer Cells. Journal of the Korean Society of Food Science and Nutrition, 2015, 44, 208-215.	0.2	10
8215	Antioxidative and Antiproliferative Effects of <i>Lindera glauca</i> Blume on Human Colorectal Cancer Cells. Journal of the Korean Society of Food Science and Nutrition, 2015, 44, 635-640.	0.2	3
8216	Antioxidant Activities and Antimicrobial Effects of Solvent Extracts from <i>Lentinus edodes</i> . Journal of the Korean Society of Food Science and Nutrition, 2015, 44, 1144-1149.	0.2	14
8217	Antioxidative and Anticancer Activities of Water Extracts from Different Parts of <i>Taraxacum coreanum</i> Nakai Cultivated in Korea. Journal of the Korean Society of Food Science and Nutrition, 2015, 44, 1234-1240.	0.2	8

#	ARTICLE	IF	CITATIONS
8218	Antioxidant Activities of <i>Dianthus chinensis</i> L. Extract and Its Inhibitory Activities against Nitric Oxide Production and Cancer Cell Growth and Adhesion. <i>Journal of the Korean Society of Food Science and Nutrition</i> , 2016, 45, 44-51.	0.2	2
8219	In Vitro and In Vivo Anti-Oxidative and Anti-Inflammatory Activities of <i>Acer tegmentosum</i> Maxim Extracts. <i>Journal of the Korean Society of Food Science and Nutrition</i> , 2017, 46, 1-9.	0.2	8
8220	Antioxidant Activity of Shiitake Mushroom (<i>Lentinus edodes</i>) Water Extract and Its Quality Characteristics Effect in Muffins. <i>Journal of the Korean Society of Food Science and Nutrition</i> , 2019, 48, 1079-1089.	0.2	7
8221	Analysis of Active Components of Premature Mandarin. <i>Journal of the Korean Society of Food Science and Nutrition</i> , 2019, 48, 557-566.	0.2	6
8222	Antioxidant and Anti-Inflammatory Effects of <i>Abies holophylla</i> Leaf Extract in LPS-Induced RAW 264.7 Cells. <i>Journal of the Korean Society of Food Science and Nutrition</i> , 2020, 49, 569-577.	0.2	1
8223	<i>Sargassum hystrix</i> as a Source of Functional Food to Improve Blood Biochemistry Profiles of Rats under Stress. <i>Preventive Nutrition and Food Science</i> , 2019, 24, 150-158.	0.7	10
8224	Antioxidant therapy in the management of acute, chronic and post-ERCP pancreatitis: A systematic review. <i>World Journal of Gastroenterology</i> , 2009, 15, 4481.	1.4	53
8225	Nitroglycerine effects on portal vein mechanics and oxidative stress in portal hypertension. <i>World Journal of Gastroenterology</i> , 2012, 18, 331.	1.4	7
8226	Fatty acids of erythrocyte membrane in acute pancreatitis patients. <i>World Journal of Gastroenterology</i> , 2013, 19, 5678.	1.4	10
8227	Protective action of NADPH oxidase inhibitors and role of NADPH oxidase in pathogenesis of colon inflammation in mice. <i>World Journal of Gastroenterology</i> , 2014, 20, 12533.	1.4	23
8228	Chloride intracellular channel 1 regulates colon cancer cell migration and invasion through ROS/ERK pathway. <i>World Journal of Gastroenterology</i> , 2014, 20, 2071.	1.4	62
8229	Esophageal squamous cell cancer in a highly endemic region. <i>World Journal of Gastroenterology</i> , 2016, 22, 2811.	1.4	17
8230	Intestinal permeability in the pathogenesis of liver damage: From non-alcoholic fatty liver disease to liver transplantation. <i>World Journal of Gastroenterology</i> , 2019, 25, 4814-4834.	1.4	101
8231	A study on the comparison of antioxidant effects among cultivated ginseng, and cultivated wild ginseng extracts -Using the measurement of superoxide and hydroxy radical scavenging activities-. <i>Journal of Pharmacopuncture</i> , 2009, 12, 7-12.	0.2	13
8232	Mechanism for Antioxidant Activity of <i>Nardostachys chinensis</i> root Extract. <i>Journal of Applied Biological Chemistry</i> , 2014, 57, 17-22.	0.2	2
8233	Protective effect of <i>Acer okamotoanum</i> from oxidative stress in C6 glial cells. <i>Journal of Applied Biological Chemistry</i> , 2017, 60, 141-147.	0.2	8
8234	Antigenotoxic and Antioxidant Activity of Methanol Stem Bark Extract of <i>Napoleona Vogelii</i> Hook & Planch (Lecythidaceae) In Cyclophosphamide-Induced Genotoxicity. <i>Open Access Macedonian Journal of Medical Sciences</i> , 2017, 5, 866-874.	0.1	4
8235	Beneficial effect of black rice (<i>Oryza sativa</i>) Tj ETQq1 1 0.784314 rgBT /Overlock model. <i>Experimental and Therapeutic Medicine</i> , 2020, 20, 1-1.	0.8	11

#	ARTICLE	IF	CITATIONS
8236	Schisandrin B protects human keratinocyte-derived HaCaT $\frac{1}{2}$ cells from tert-butyl hydroperoxide-induced oxidative damage through activating the Nrf2 signaling pathway. <i>International Journal of Molecular Medicine</i> , 2018, 42, 3571-3581.	1.8	12
8237	Erastin induces apoptotic and ferroptotic cell death by inducing ROS accumulation by causing mitochondrial dysfunction in gastric cancer cell HGCâ€²7. <i>Molecular Medicine Reports</i> , 2020, 22, 2826-2832.	1.1	20
8238	Correlation between cytotoxicity in cancer cells and free radicalâ€™scavenging activity: In $\frac{1}{2}$ vitro evaluation of 57 medicinal and edible plant extracts. <i>Oncology Letters</i> , 2019, 18, 6563-6571.	0.8	36
8239	Oxidative stress, point-of-care test, and metabolic syndrome. <i>Korean Journal of Internal Medicine</i> , 2014, 29, 20.	0.7	1
8240	Antimicrobial, antioxidant, and synergistic properties of two nutraceutical plants: <i>Terminalia catappa</i> L. and <i>Colocasia esculenta</i> L.. <i>Turkish Journal of Biology</i> , 0, , .	2.1	15
8241	In vitro effect of resveratrol against oxidative injury of human coronary artery endothelial cells. <i>Turkish Journal of Medical Sciences</i> , 0, , .	0.4	9
8242	Potential Role of Cerium Oxide Nanoparticles for Attenuation of Diabetic Nephropathy by Inhibition of Oxidative Damage. <i>Asian Journal of Animal and Veterinary Advances</i> , 2016, 11, 226-234.	0.3	10
8243	Immunohistochemical Expression of Insulin and Glucagon, Superoxide Dismutase and Catalase Activity in Pancreas in Hyperglycaemia Condition. <i>Asian Journal of Biochemistry</i> , 2016, 11, 177-185.	0.5	5
8244	Evaluation of Oxidative Stress and Antioxidant Status in Relation to Glycemic Control in Type 1 and Type 2 Diabetes Mellitus Patients. <i>American Journal of Biochemistry and Molecular Biology</i> , 2014, 4, 93-98.	0.6	1
8245	Effects of Anti-erectile Dysfunction Drug on some Key Tissues in Healthy Male Rats. <i>American Journal of Drug Discovery and Development</i> , 2013, 3, 32-46.	0.6	3
8246	Preparation of Antioxidative Peptides from Spanish Mackerel (<i>Scomberomorus niphonius</i>) Processing Byproducts by Enzymatic Hydrolysis. <i>Biotechnology</i> , 2015, 14, 188-193.	0.5	7
8247	<i>Telfairia occidentalis</i> Ameliorates Oxidative Brain Damage in Malnourished Rats. <i>International Journal of Biological Chemistry</i> , 2009, 4, 10-18.	0.3	13
8248	In vivo Antioxidant Potential of <i>Momordica charantia</i> Against Cyclophosphamide Induced Hepatic Damage in Rats. <i>International Journal of Biological Chemistry</i> , 2012, 6, 89-96.	0.3	2
8249	Protective Effect of Turmeric, Ginkgo biloba, Silymarin Separately or in Combination, on Iron-Induced Oxidative Stress and Lipid Peroxidation in Rats. <i>International Journal of Pharmacology</i> , 2007, 3, 375-384.	0.1	6
8250	Antioxidant Activity of <i>Hyptis suaveolens</i> Poit.. <i>International Journal of Pharmacology</i> , 2008, 4, 227-229.	0.1	10
8251	Protective Effect of Leaf Extract of <i>Trichilia connaroides</i> on Hypercholesterolemia Induced Oxidative Stress. <i>International Journal of Pharmacology</i> , 2010, 7, 106-112.	0.1	15
8252	Antioxidant Properties of Soft Coral <i>Dendronephthya</i> sp.. <i>International Journal of Pharmacology</i> , 2011, 7, 263-267.	0.1	5
8253	Effect of Nicorandil: A Potassium Channel Opener against Experimentally-induced Hyperlipidemia. <i>International Journal of Pharmacology</i> , 2011, 7, 690-696.	0.1	5

#	ARTICLE	IF	CITATIONS
8254	Effects of Edaravone on Scopolamine Induced-dementia in Experimental Rats. <i>International Journal of Pharmacology</i> , 2013, 9, 271-276.	0.1	3
8255	Berberine Attenuates Isoniazid-Induced Hepatotoxicity by Modulating Peroxisome Proliferator-Activated Receptor β , Oxidative Stress and Inflammation. <i>International Journal of Pharmacology</i> , 2014, 10, 451-460.	0.1	24
8256	Preliminary Studies on the Antibacterial and Antioxidative Potentials of Hydroalcoholic Extract from the Whole Parts of <i>Artemisia vulgaris</i> L.. <i>International Journal of Pharmacology</i> , 2015, 11, 561-569.	0.1	8
8257	Effects of Dietary Antioxidant on Performance and Physiological Responses Following Heat Stress in Laying Hens. <i>International Journal of Poultry Science</i> , 2014, 13, 260-271.	0.6	8
8258	Antioxidant Potential and Hepatoprotective Activity of <i>Origanum majorana</i> Leaves Extract against Oxidative Damage and Hepatotoxicity Induced by Pirimiphos-Methyl in Male Mice. <i>Journal of Applied Sciences</i> , 2014, 15, 69-79.	0.1	8
8259	Antioxidant Properties of Liverwort (<i>Marchantia polymorpha</i> L.) to Lead-induced Oxidative Stress on HEK293 Cells. <i>Journal of Biological Sciences</i> , 2016, 16, 77-85.	0.1	10
8260	Ethno-medical Botany and Some Biological Activities of <i>Ipomoea oblongata</i> collected in the Free State Province, South Africa. <i>Journal of Biological Sciences</i> , 2018, 18, 441-449.	0.1	2
8261	Evaluation of Ethanolic Seed Extract of <i>Lagenaria siceraria</i> for Their Therapeutic Potential. <i>Journal of Medical Sciences (Faisalabad, Pakistan)</i> , 2012, 12, 78-84.	0.0	8
8262	CYP1A1 Gene Polymorphism in Inflammatory and non Inflammatory Pterygium. <i>Journal of Medical Sciences (Faisalabad, Pakistan)</i> , 2016, 17, 26-30.	0.0	1
8263	Effects of Oral Administration of Antioxidant Taurine on Haematological Parameters in Wistar Rats. <i>Pakistan Journal of Biological Sciences</i> , 2010, 13, 785-793.	0.2	9
8264	<i>Lentinus</i> sp. RJ-2 Mushroom is Important Source of Natural Antioxidative Polysaccharides. <i>Pakistan Journal of Biological Sciences</i> , 2011, 14, 1070-1071.	0.2	3
8265	Effects of Taurine on Glutathione Peroxidase, Glutathione Reductase and Reduced Glutathione Levels in Rats. <i>Pakistan Journal of Biological Sciences</i> , 2011, 14, 219-225.	0.2	34
8266	Efficacy of Supplementary Vitamins C and E on Anxiety, Depression and Stress in Type 2 Diabetic Patients: A Randomized, Single-blind, Placebo-controlled Trial. <i>Pakistan Journal of Biological Sciences</i> , 2013, 16, 1597-1600.	0.2	56
8267	Hypoglycemic and Hypolipidemic Effects of Seed Extract from <i>Antidesma bunius</i> (L.) Spreng in Streptozotocin-induced Diabetic Rats. <i>Pakistan Journal of Biological Sciences</i> , 2016, 19, 211-218.	0.2	8
8268	Acetaminophen Induced Hepatic Toxicity: Protective Role of <i>Ageratum conyzoides</i> . <i>Pakistan Journal of Nutrition</i> , 2009, 8, 928-932.	0.2	20
8269	Effect of Drying Treatment on the Content of Antioxidants in <i>Enicostemma littorale</i> Blume. <i>Research Journal of Medicinal Plant</i> , 2009, 3, 93-101.	0.3	21
8270	Analgesic and Hepatoprotective Activity of Methanolic Leaf Extract of <i>Ocimum gratissimum</i> (L.). <i>Research Journal of Medicinal Plant</i> , 2012, 6, 108-115.	0.3	10
8271	Medicinal Plants as a Source of Antioxidants. <i>Research Journal of Phytochemistry</i> , 2010, 4, 213-224.	0.1	49

#	ARTICLE	IF	CITATIONS
8272	Protective Role of Natural Antioxidants Against the Formation and Harmful Effects of Acrylamide in Food. <i>Trends in Applied Sciences Research</i> , 2019, 14, 41-55.	0.4	3
8273	Potential of Celosia species in alleviating micronutrient deficiencies and prevention of diet-related chronic diseases: a review. <i>AIMS Agriculture and Food</i> , 2019, 4, 458-484.	0.8	5
8274	Role of free radicals in human inflammatory diseases. <i>AIMS Biophysics</i> , 2017, 4, 596-614.	0.3	43
8275	The Association Between Oxidative Stress and Depressive Symptom Scores in Elderly Population: A Repeated Panel Study. <i>Journal of Preventive Medicine and Public Health</i> , 2016, 49, 260-274.	0.7	13
8276	Antioxidant and Anti-aging Activities of Silybum Marianum Protein Hydrolysate in Mice Treated with D-galactose. <i>Biomedical and Environmental Sciences</i> , 2017, 30, 623-631.	0.2	14
8277	Antioxidant effects of the orientin and vitexin in <i>Trollius chinensis</i> Bunge in D-galactose-aged mice. <i>Neural Regeneration Research</i> , 2012, 7, 2565-75.	1.6	77
8278	Oxidative stress, mitochondrial damage and neurodegenerative diseases. <i>Neural Regeneration Research</i> , 2013, 8, 2003-14.	1.6	600
8279	Reactive oxygen species in eradicating acute myeloid leukemic stem cells. <i>Stem Cell Investigation</i> , 2014, 1, 13.	1.3	20
8280	Toluene induced changes in excitatory amino acid metabolism during the sleep-wakefulness cycle. <i>Journal of Biological Physics and Chemistry</i> , 2010, 10, 96-101.	0.1	2
8281	Anticancer and antioxidant effects of selected Sri Lankan marine algae. <i>Journal of the National Science Foundation of Sri Lanka</i> , 2014, 42, 315.	0.1	20
8282	Effects of Sulphur-Containing Compounds on Plasma Redox Status in Muscle-Damaging Exercise. <i>Chinese Journal of Physiology</i> , 2009, 52, 289-294.	0.4	9
8283	Effects of Chronic Treatment with Diosgenin on Bone Loss in a D-Galactose-Induced Aging Rat Model. <i>Chinese Journal of Physiology</i> , 2014, 57, 121-127.	0.4	20
8284	Assessment of Oxidative Status in Patients with Acute Kidney Injury: A Pilot Study. <i>Chinese Journal of Physiology</i> , 2015, 48, 1-10.	0.4	3
8285	Improving Bone Microarchitecture in Aging with Diosgenin Treatment: A Study in Senescence-Accelerated OXYS Rats. <i>Chinese Journal of Physiology</i> , 2015, 48, 1-10.	0.4	8
8286	Assessment of Lifestyle Effects on the Levels of Free Oxygen Radicals in the Korean Population. <i>Korean Journal of Family Medicine</i> , 2012, 33, 296.	0.4	3
8287	Free radicals hasten head and neck cancer risk. <i>Journal of Postgraduate Medicine</i> , 2016, 62, 96-101.	0.2	26
8288	The oxidative hypothesis of senescence. <i>Journal of Postgraduate Medicine</i> , 2007, 53, 207-213.	0.2	70
8289	Hepatoprotective effect of <i>Cissus quadrangularis</i> stem extract against rifampicin-induced hepatotoxicity in rats. <i>Indian Journal of Pharmaceutical Sciences</i> , 2012, 74, 183.	1.0	12

#	ARTICLE	IF	CITATIONS
8290	Evaluation of in vitro antioxidant capacity and reducing potential of polyherbal drug- Bharani $\frac{1}{2}$ gyadi. <i>Ancient Science of Life: Journal of International Institute of Ayurveda</i> , 2012, 32, 24.	0.3	11
8291	Oxidative stress, thyroid dysfunction & Down syndrome. <i>Indian Journal of Medical Research</i> , 2015, 142, 113.	0.4	24
8292	Role of oxidative stress & transient receptor potential in chronic obstructive pulmonary disease. <i>Indian Journal of Medical Research</i> , 2015, 142, 245.	0.4	9
8293	Molecular mechanisms involved in the bidirectional relationship between diabetes mellitus and periodontal disease. <i>Journal of Indian Society of Periodontology</i> , 2013, 17, 292.	0.3	44
8294	Periodontitis, diabetes mellitus, and the lopsided redox balance: A unifying axis. <i>Journal of Indian Society of Periodontology</i> , 2013, 17, 338.	0.3	5
8295	<i>Azorella compacta</i> infusion activates human immune cells and scavenges free radicals in vitro. <i>Pharmacognosy Magazine</i> , 2017, 13, 260.	0.3	10
8296	Overviews of biological importance of quercetin: A bioactive flavonoid. <i>Pharmacognosy Reviews</i> , 2016, 10, 84.	0.7	930
8297	Evaluation of antioxidant and hepatoprotective activity of fruit rind extract of <i>Garcinia dulcis</i> (Roxburgh) Kurz. <i>Pharmacognosy Research (discontinued)</i> , 2017, 9, 266.	0.3	10
8298	Combinational effect of resveratrol and atorvastatin on isoproterenol-induced cardiac hypertrophy in rats. <i>Journal of Pharmacy and Bioallied Sciences</i> , 2015, 7, 233.	0.2	5
8299	Preventive (myoglobin, transferrin) and scavenging (superoxide dismutase, glutathione peroxidase) anti-oxidative properties of raw liquid extract of <i>Morinda lucida</i> leaf in the traditional treatment of <i>Plasmodium</i> infection. <i>Journal of Natural Science, Biology and Medicine</i> , 2016, 7, 47.	1.0	5
8300	rAAV/ABAD-DP-6His attenuates oxidative stress-induced injury of PC12 cells. <i>Neural Regeneration Research</i> , 2014, 9, 481.	1.6	3
8301	Effect of ischemic preconditioning on antioxidant status in the gerbil hippocampal CA1 region after transient forebrain ischemia. <i>Neural Regeneration Research</i> , 2016, 11, 1081.	1.6	9
8302	Evaluation of oxidant-antioxidant status in tissue samples in oral cancer: A case control study. <i>Dental Research Journal</i> , 2016, 13, 181.	0.2	20
8303	In vitro antioxidant and cytotoxic potential of different parts of <i>Tephrosia purpurea</i> . <i>Research in Pharmaceutical Sciences</i> , 2017, 12, 31.	0.6	13
8304	Evaluating therapeutic potential of coriander seeds and leaves (<i>Coriandrum sativum</i> L.) to mitigate carbon tetrachloride-induced hepatotoxicity in rabbits. <i>Asian Pacific Journal of Tropical Medicine</i> , 2018, 11, 209.	0.4	1
8305	Lens densitometry after corneal cross-linking in patients with keratoconus using a Scheimpflug camera. <i>Journal of Ophthalmic and Vision Research</i> , 2015, 10, 118.	0.7	9
8306	On the occasion of world cancer day 2015; the possibility of cancer prevention or treatment with antioxidants: The ongoing cancer prevention researches. <i>International Journal of Preventive Medicine</i> , 2015, 6, 108.	0.2	23
8307	Analysis of plasma lipid peroxidation and antioxidant enzymes status in patients of oral leukoplakia: A case control study. <i>Journal of International Society of Preventive and Community Dentistry</i> , 2016, 6, 213.	0.4	14

#	ARTICLE	IF	CITATIONS
8308	In vitro antioxidant activity of <i>Rubus ellipticus</i> fruits. <i>Journal of Advanced Pharmaceutical Technology and Research</i> , 2011, 2, 47.	0.4	31
8309	The serum protein carbonyl content level in relation to exercise stress test. <i>International Journal of Health & Allied Sciences</i> , 2012, 1, 200.	0.0	8
8310	The Relationship between Tissue Thioredoxin Reductase Activity and the Psoriasis Area and Severity Index. <i>Indian Journal of Dermatology</i> , 2020, 65, 29.	0.1	7
8311	Effects of yoga training on body composition and oxidant-antioxidant status among healthy male. <i>International Journal of Yoga</i> , 2018, 11, 105.	0.4	14
8312	Implication of asana, pranayama and meditation on telomere stability. <i>International Journal of Yoga</i> , 2018, 11, 186.	0.4	13
8313	Antioxidant activity of eugenol in Piper betel leaf extract. <i>Journal of Family Medicine and Primary Care</i> , 2020, 9, 327.	0.3	16
8314	Comparative evaluation of saliva's oxidant-antioxidant status in patients with different clinicopathological types of oral leukoplakia. <i>Journal of International Society of Preventive and Community Dentistry</i> , 2019, 9, 396.	0.4	9
8315	Oral submucous fibrosis: A quantitative assessment of serum malondialdehyde, superoxide dismutase and correlation with clinical staging. <i>Journal of Oral and Maxillofacial Pathology</i> , 2017, 21, 41.	0.3	8
8316	A review study on phytochemistry and pharmacology applications of <i>Juglans Regia</i> plant. <i>Pharmacognosy Reviews</i> , 2017, 11, 145.	0.7	71
8317	Bioactive constituents, radical scavenging, and antibacterial properties of the leaves and stem essential oils from <i>Peperomia pellucida</i> (L.) kunth. <i>Pharmacognosy Magazine</i> , 2017, 13, 392.	0.3	17
8318	Characterization of the phenolic compound, gallic acid from <i>Sansevieria roxburghiana</i> schult and schult. f. rhizomes and antioxidant and cytotoxic activities evaluation. <i>Pharmacognosy Magazine</i> , 2017, 13, 693.	0.3	6
8319	High-performance liquid chromatography analysis and antioxidant activities of extract of <i>Azadirachta indica</i> (Neem) leaves. <i>Pharmacognosy Research (discontinued)</i> , 2020, 12, 29.	0.3	7
8320	Antioxidant potential of ethanolic extract of <i>Canavalia</i> species in high-fat diet and streptozotocin-induced diabetic rats. <i>Pharmacognosy Research (discontinued)</i> , 2019, 11, 400.	0.3	2
8321	A Case Control Study of Melatonin with or Without Coenzyme Q10 in Improving Oocyte Quality and Outcomes in In vitro Fertilization. <i>Reproductive Biology Insights</i> , 0, 8, 1-7.	0.0	1
8322	Screening and evaluation of antioxidant activity of some 1,2,4-triazolo[1,5- <i>a</i>]quinazoline derivatives. <i>Future Medicinal Chemistry</i> , 2018, 10, 379-390.	1.1	30
8323	Protective effect of <i>Cordyceps militaris</i> against hydrogen peroxide-induced oxidative stress <i>in vitro</i> . <i>Nutrition Research and Practice</i> , 2019, 13, 279.	0.7	18
8324	Isolation of Antioxidant Compounds from <i>Aspergillus Terreus</i> LS01. <i>Journal of Microbial & Biochemical Technology</i> , 2012, 04, .	0.2	19
8325	Respiratory Viral Infections and Subversion of Cellular Antioxidant Defenses. <i>Journal of Pharmacogenomics & Pharmacoproteomics</i> , 2014, 05, .	0.2	64

#	ARTICLE	IF	CITATIONS
8326	An Insight in to the Pathogenesis of Diabetic Vascular Diseases: Role of Oxidative Stress and Antioxidants. <i>Pharmaceutica Analytica Acta</i> , 2013, 04, .	0.2	2
8327	Differences in Antioxidant/Protective Efficacy of Hydrated C60 Fullerene Nanostructures in Liver and Brain of Rats with Streptozotocin-Induced Diabetes. <i>Journal of Diabetes & Metabolism</i> , 2012, 03, .	0.2	15
8328	Potent Role of Antioxidant Molecules in Prevention and Management of Skin Cancer. <i>Journal of Clinical & Experimental Dermatology Research</i> , 2017, 08, .	0.1	2
8329	Metal-Induced Oxidative Stress in Egyptian Women with Breast Cancer. , 2012, 02, .		3
8330	Harmful Interactions of Non-Essential Heavy Metals with Cells of the Innate Immune System. , 2011, s3, .		11
8331	Adverse Health Effects of Khat: A Review. <i>Family Medicine & Medical Science Research</i> , 2015, 04, .	0.1	8
8332	Toxic Exposure and Life Style Factors on Ageing Brain Neurodegenerative Disease, Alzheimerâ€™s and Parkinsonâ€™s: Role of Natural Antioxidants to Ameliorate the Condition. <i>Journal of Alcoholism and Drug Dependence</i> , 2018, 06, .	0.2	1
8333	Altered Inflammatory Mediators in Fibromyalgia. <i>Journal of Ancient Diseases & Preventive Remedies</i> , 2017, 07, .	0.2	2
8334	Role of Oxidative Stress in Male Fertility and Idiopathic Infertility: Causes and Treatment. <i>Journal of Diagnostic Techniques and Biomedical Analysis</i> , 2014, 03, .	0.1	3
8335	Vanadium induces liver toxicity through reductive activation by glutathione and mitochondrial dysfunction. <i>Advances in Bioscience and Biotechnology (Print)</i> , 2012, 03, 1096-1103.	0.3	14
8336	Chronic exposure to low doses of ozone produces a state of oxidative stress and blood-brain barrier damage in the hippocampus of rat. <i>Advances in Bioscience and Biotechnology (Print)</i> , 2013, 04, 24-29.	0.3	12
8337	Phytochemical screening, hepatoprotective and antioxidant effects of leaf extracts of <i>Zapoteca portoricensis</i> . <i>Advances in Biological Chemistry</i> , 2014, 04, 35-39.	0.2	3
8338	Influence of Exogenously Applied Epibrassinolide and Putrescine on Protein Content, Antioxidant Enzymes and Lipid Peroxidation in <i>Lycopersicon esculentum</i> under Salinity Stress. <i>American Journal of Plant Sciences</i> , 2012, 03, 714-720.	0.3	22
8339	Radical Scavenging and Antioxidant Potential of Nuts and Leaves Extracts of <i>Semecarpus anacardium</i> (L.). <i>American Journal of Plant Sciences</i> , 2013, 04, 1679-1683.	0.3	4
8340	Natural Antioxidants: Function and Sources. <i>Food and Nutrition Sciences (Print)</i> , 2013, 04, 643-649.	0.2	59
8341	Algae as Functional Foods for the Elderly. <i>Food and Nutrition Sciences (Print)</i> , 2016, 07, 1122-1148.	0.2	5
8342	Formation of Mercury(II)-Glutathione Conjugates Examined Using High Mass Accuracy Mass Spectrometry. <i>International Journal of Analytical Mass Spectrometry and Chromatography</i> , 2013, 01, 90-94.	0.7	4
8343	Effect of <i>Pleurotus ostreatus</i> on hyperglycemia, DNA damage and chromosomes aberrations. <i>Journal of Biomedical Science and Engineering</i> , 2012, 05, 657-663.	0.2	1

#	ARTICLE	IF	CITATIONS
8344	A Novel Assay for Measuring Total Antioxidant Capacity in Whole Blood and Other Biological Samples. <i>Journal of Biomedical Science and Engineering</i> , 2017, 10, 60-76.	0.2	10
8345	Phytochemical Components of Some Minor Cereals Associated with Diabetes Prevention and Management. <i>Journal of Biosciences and Medicines</i> , 2018, 06, 9-22.	0.1	7
8346	Anti-Obesity, Anti-Atherosclerotic and Anti-Oxidant Effects of Pu-Erh Tea on a High Fat Diet-Induced Obese Rat Model. <i>Journal of Biosciences and Medicines</i> , 2019, 07, 120-130.	0.1	2
8347	Pathophysiology of Cerebral Ischemia: Role of Oxidative/Nitrosative Stress. <i>Journal of Biosciences and Medicines</i> , 2019, 07, 20-28.	0.1	4
8348	Influence of Local Temporary Ischemia on Radiotherapy Effects. <i>Journal of Cancer Therapy</i> , 2011, 02, 209-216.	0.1	2
8349	Oxidative Stress and Inflammation. <i>Open Journal of Immunology</i> , 2019, 09, 1-20.	0.5	28
8350	Synthesis, Spectral, Anti-Liver Cancer and Free Radical Scavenging Activity of New Azabicyclic Thienoyl Hydrazone Derivatives. <i>Open Journal of Medicinal Chemistry</i> , 2015, 05, 33-47.	0.7	1
8351	Diurnal Rhythm of Antioxidant Biomarkers in Equines. <i>Open Journal of Veterinary Medicine</i> , 2013, 03, 52-57.	0.4	1
8352	Therapeutic Potential of Neem Synthesized Silver Nanoparticles on Human Gastric Cancer Cells <i>in Vitro</i>. <i>World Journal of Nano Science and Engineering</i> , 2016, 06, 90-110.	0.3	3
8353	Petroselinum Crispum is Effective in Reducing Stress-Induced Gastric Oxidative Damage. <i>Balkan Medical Journal</i> , 2017, 34, 53-59.	0.3	7
8354	Oxidative stress following traumatic brain injury: enhancement of endogenous antioxidant defence systems and the promise of improved outcome. <i>Nigerian Journal of Medicine: Journal of the National Association of Resident Doctors of Nigeria</i> , 2010, 19, 14-21.	0.0	34
8355	Effect of dental restorative materials on total antioxidant capacity and calcium concentration of unstimulated saliva. <i>Journal of Clinical and Experimental Dentistry</i> , 2016, 9, 0-0.	0.5	5
8356	Regulation of cytochrome c oxidase contributes to health and optimal life. <i>World Journal of Biological Chemistry</i> , 2020, 11, 52-61.	1.7	11
8357	Effect of Nonsurgical Periodontal Therapy on Some Oxidative Stress Markers in Patients with Chronic Periodontitis: A Biochemical Study. <i>World Journal of Dentistry</i> , 2013, 4, 17-23.	0.1	7
8360	Design and rationale of a nationwide screening analysis from the LIPIDOGRAM2015 and LIPIDOGEN2015 studies. <i>Archives of Medical Science</i> , 2020, 18, 604-616.	0.4	9
8361	A comparison of antioxidant activity of Korean White and Red Ginsengs on H ₂ O ₂ -induced oxidative stress in HepG2 hepatoma cells. <i>Journal of Ginseng Research</i> , 2013, 37, 442-450.	3.0	46
8362	Effects of pulsed electromagnetic fields on lipid peroxidation and antioxidant levels in blood and liver of diabetic rats. <i>European Journal of Therapeutics</i> , 2018, 23, 152-158.	0.0	6
8363	Synthesis and characterization of new 4-aryl-2-(2-oxopropoxy)-6-(2,5-dichlorothiophene)nicotinonitrile and their furo[2,3-b]pyridine derivatives: Assessment of antioxidant and biological activity. <i>European Journal of Chemistry</i> , 2018, 9, 375-381.	0.3	9

#	ARTICLE	IF	CITATIONS
8364	Oxidative Stress Associated to Disease Progression and Toxicity during Antiretroviral Therapy in Human Immunodeficiency Virus Infection. <i>Journal of Virology and Microbiology</i> , 2013, , 1-15.	0.6	13
8365	Anticytotoxic and Radical Scavenging Activities of <i>Acer tegmentosum</i> Maxim Stem Extracts. <i>Journal of Environmental Science International</i> , 2015, 24, 1315-1329.	0.0	2
8366	Antioxidant and TNF- α Inducing Ability of <i>Styela plicata</i> Extracts. <i>Journal of Life Science</i> , 2009, 19, 462-466.	0.2	3
8367	Antioxidative and Antimicrobial Activities of Methanol Extract from <i>Rosmarinus officinalis</i> L. and Their Fractions. <i>Journal of Life Science</i> , 2011, 21, 375-384.	0.2	11
8368	Inhibitory Effect of Spermidine with Antioxidant Activity on Oxidative Stress in Human Dermal Fibroblasts. <i>Journal of Life Science</i> , 2011, 21, 693-699.	0.2	6
8369	Isolation and Identification of Antioxidant Compounds of Various Solvents Extracted from <i>Eriobotrya japonica</i> Leaves. <i>Journal of Life Science</i> , 2012, 22, 1166-1172.	0.2	3
8370	Antioxidant Activity and Chemical Characteristics of <i>Orostachys malacophyllus</i> and Fermented <i>Orostachys malacophyllus</i> . <i>Journal of Life Science</i> , 2015, 25, 577-584.	0.2	6
8371	Quality and Antioxidant Activity of Yogurt Supplemented with Roselle during Cold Storage. <i>Media Peternakan</i> , 2016, 39, 82-89.	0.3	16
8372	Anti-proliferative effect of <i>Ficus pumila</i> Linn. on human leukemic cell lines. <i>International Journal of Basic and Clinical Pharmacology</i> , 2015, , 1.	0.0	2
8373	Reactive Oxygen Species and Oxidative Stress in Obesity. <i>Journal of Marmara University Institute of Health Sciences</i> , 2015, , 1.	0.1	6
8374	Evaluation of analgesic and antioxidant potential of ethanolic extract of <i>Nymphaea alba</i> rhizome. <i>Oxidants and Antioxidants in Medical Science</i> , 2012, 1, 217.	0.2	7
8375	Oxidative stress markers and lipid profiles of patients with polycystic ovary syndrome in a Nigerian tertiary hospital. <i>Obstetrics and Gynecology Science</i> , 2019, 62, 335.	0.6	27
8376	Mitochondrial superoxide anion ($O_2^{\cdot-}$) inducible "mev-1" animal models for aging research. <i>BMB Reports</i> , 2011, 44, 298-305.	1.1	32
8377	Cytoprotective effect exerted by geraniin in HepG2 cells is through microRNA mediated regulation of BACH-1 and HO-1. <i>BMB Reports</i> , 2017, 50, 560-565.	1.1	15
8378	Evaluation of Antioxidative Activity of <i>Agrimonia pilosa</i> -Ledeb Leaves on Non-lipid Oxidative Damage. <i>Toxicological Research</i> , 2009, 25, 243-251.	1.1	6
8379	Urinary Arsenic Concentrations and their Associated Factors in Korean Adults. <i>Toxicological Research</i> , 2013, 29, 137-142.	1.1	28
8380	Inflammatory and oxidative stress in rotavirus infection. <i>World Journal of Virology</i> , 2016, 5, 38.	1.3	41
8381	Protective effect of <i>Ficus bengalensis</i> L. extract against H ₂ O ₂ induced DNA damage and repair in neuroblastoma cells. <i>Free Radicals and Antioxidants</i> , 2014, 4, 3-7.	0.2	2

#	ARTICLE	IF	CITATIONS
8382	Assessment of in vitro antioxidant and antimicrobial properties of cultivated <i>Pleurotus ostreatus</i> : An edible mushroom. <i>Free Radicals and Antioxidants</i> , 2014, 4, 27-32.	0.2	1
8383	Antioxidant and Cytotoxic Activity of Different Extracts of <i>Zanthoxylum Alatum</i> . <i>Free Radicals and Antioxidants</i> , 2015, 5, 21-28.	0.2	13
8384	Antioxidant Capacity of Food. <i>Free Radicals and Antioxidants</i> , 2016, 6, 1-12.	0.2	16
8385	Modulatory Role of Selenium Nanoparticles and Grape Seed Extract Mixture on Oxidative Stress Biomarkers in Diabetic Irradiated Rats.. <i>Indian Journal of Pharmaceutical Education and Research</i> , 2016, 50, 170-178.	0.3	6
8386	An Evaluation of Antioxidant Potential of Flavonoid Eriodictyol in Isoproterenol-Induced Myocardial Infarction in Rats. <i>Indian Journal of Pharmaceutical Education and Research</i> , 2017, 51, 603-612.	0.3	12
8387	Protective Effects of <i>Alstonia scholaris</i> (L.) R.Br. Bark Extract against Oxidative Stress Induced By Hydrogen Peroxide. <i>Pharmacognosy Communications</i> , 2013, 3, 16-20.	0.4	1
8388	Antioxidant Activity of some Medicinal Plant Extracts: Implications for Neuroprotection. <i>Pharmacologia</i> , 2015, 6, 282-292.	0.3	4
8389	Hydrogen Peroxide: A review of a scientifically verifiable omnipresent ubiquitous essentiality of obligate, aerobic, carbon-based life forms. <i>The Internet Journal of Plastic Surgery</i> , 2010, 7, .	0.0	2
8390	Leukocyte superoxide dismutase activity in patients with chronic myeloid leukemia. <i>Revista Brasileira De Hematologia E Hemoterapia</i> , 2012, 34, 394-395.	0.7	1
8391	OXIDATIVE STRESS IN THE PATHOGENESIS OF PERIODONTAL DISEASE. <i>Acta Medica Medianae</i> , 2016, , 66-72.	0.0	2
8392	Anti-hyperlipidemia and Anti-arteriosclerosis Effects of <i>Laminaria japonica</i> in Sprague-Dawley Rats. <i>Fisheries and Aquatic Sciences</i> , 2011, 14, 235-241.	0.3	11
8393	Antioxidant Activities of Hot Water Extracts from Different Parts of <i>Rugosa rose</i> (<i>Rosa rugosa</i>) Tj ETQq1 1 0.784314 rgBT / Overlock 10	0.8	13
8394	In vitro antioxidant and free radical scavenging activities of stem extract of <i>Euphorbia trigona</i> Miller. <i>Tang [humanitas Medicine]</i> , 2015, 5, 14.1-14.6.	0.2	7
8395	Chemical composition, antimicrobial and antioxidant properties of seed oil plants of North-East India: A review. <i>Tang [humanitas Medicine]</i> , 2015, 5, 17.1-17.22.	0.2	3
8396	Antioxidant Activity of <i>Rhizoma Cibotii</i> in vitro. <i>Advanced Pharmaceutical Bulletin</i> , 2012, 2, 107-14.	0.6	14
8397	An overview on the proposed mechanisms of antithyroid drugs-induced liver injury. <i>Advanced Pharmaceutical Bulletin</i> , 2015, 5, 1-11.	0.6	96
8398	Nutrition, Well-Being and Health. , 2012, , .		25
8399	Antioxidant and Pro-Oxidant Effects of Polyphenolic Compounds and Structure-Activity Relationship Evidence. , 0, , .		20

#	ARTICLE	IF	CITATIONS
8400	Free Radicals, Neuronal Death and Neuroprotection. , 0, , .		2
8401	Renal Redox Balance and Na ⁺ , K ⁺ -ATPase Regulation: Role in Physiology and Pathophysiology. , 0, , .		2
8402	The Relationship Between Thyroid States, Oxidative Stress and Cellular Damage. , 0, , .		6
8403	Hepatocellular carcinoma: Putative interactive mechanism between aflatoxins and hepatitis viral infections implicating oxidative stress during the onset and progression of cancer. Hypothesis (University of Toronto Dept of Medical Biophysics), 2015, 13, .	1.1	1
8404	Oxidative Stress Gated by Fenton and Haber Weiss Reactions and Its Association With Alzheimerâ€™s Disease. Archives of Neuroscience, 2014, 2, .	0.1	67
8405	Protective Effect of Cornus mas Fruits Extract on Serum Biomarkers in CCl ₄ -Induced Hepatotoxicity in Male Rats. Hepatitis Monthly, 2014, 14, e10330.	0.1	24
8406	Resveratrol-Dependent Down-Regulation of Receptor for Advanced Glycation End Products and Oxidative Stress in Kidney of Rats With Diabetes. International Journal of Endocrinology and Metabolism, 2015, 13, e23542.	0.3	56
8407	Phytochemical Analysis and Antioxidant Activity of Salvia chloroleuca Aerial Extracts. Iranian Red Crescent Medical Journal, 2016, 18, e24836.	0.5	9
8408	Alpha-Amanitin Poisoning, Nephrotoxicity and Oxidative Stress: An Experimental Mouse Model. Iranian Red Crescent Medical Journal, 2015, 17, e28068.	0.5	12
8409	In Vitro Antioxidant Activity and Total Phenolic Content of Root Extracts from Phragmanthera glaucocarpa (Peyr.) Balle. Jundishapur Journal of Natural Pharmaceutical Products, 2018, 13, .	0.3	1
8410	Withania coagulans Protects Striatum from Oxidative Damages Induced by Global Brain Ischemia in Rat. Jundishapur Journal of Natural Pharmaceutical Products, 2017, 13, .	0.3	3
8411	Oxidative Stress and Antioxidant Markers in Serum and Red Blood Cell of Patients with Ischemic and Hemorrhagic Stroke: A Case-Control Study. MurÄqibat/hÄyi NuvÄn, 2016, 13, .	0.3	2
8412	Oxidative Stress as the Underlying Biomechanism of Detrimental Outcomes of Ionizing and Non-Ionizing Radiation on Human Health: Antioxidant Protective Strategies. Zahedan Journal of Researches in Medical Sciences, 2019, 21, .	0.1	13
8414	An assessment of antioxidant status in patients with carbon monoxide poisoning. World Journal of Emergency Medicine, 2014, 5, 91.	0.5	10
8415	Relationships between Antioxidants and Quality Characteristics from Velvet Antlers of Formosan Sambar Deer. Korean Journal for Food Science of Animal Resources, 2017, 37, 542-551.	1.5	9
8417	Antioxidant, hepatoprotective, and ameliorative effects of Azadirachta indica on Eimeria papillata-induced infection in mice. Journal of Medicinal Plants Research, 2012, 6, .	0.2	4
8418	The use of traditional treatment modalities with special mention of Piper sarmentosum in treatment of bone fracture. Journal of Medicinal Plants Research, 2011, 5, .	0.2	3
8419	Total Antioxidant Capacity in Serum of Plasmodium falciparum Malarial Infected Patients Receiving Artemisinin-Based Combination Therapy. American Journal of Medicine and Medical Sciences, 2012, 2, 1-3.	1.0	5

#	ARTICLE	IF	CITATIONS
8420	Nutritional Status in Patients with Chronic Pancreatitis. <i>Journal of Nutritional Therapeutics</i> , 2014, 3, 122-132.	0.2	10
8421	Modification of Nanocrystalline Cellulose for Bioactive Loaded Films. <i>Journal of Research Updates in Polymer Science</i> , 2014, 3, 122-135.	0.3	6
8422	Evaluation of total phenolic content and antioxidant activity of different <i>Rosmarinus officinalis</i> L. ethanolic extracts. <i>Biologija (Vilnius, Lithuania)</i> , 2013, 59, .	0.3	16
8423	Oxidative stress and quality of life in elderly patients with obstructive sleep apnea syndrome: are there differences after six months of Continuous Positive Airway Pressure treatment?. <i>Clinics</i> , 2012, 67, 565-571.	0.6	20
8424	Effects of atorvastatin on the hypertension-induced oxidative stress in the rat brain. <i>Iranian Biomedical Journal</i> , 2013, 17, 152-7.	0.4	16
8425	Total oxidative status of mouse vitrified pre-antral follicles with pre-treatment of alpha lipoic acid. <i>Iranian Biomedical Journal</i> , 2014, 18, 181-8.	0.4	10
8426	Uncoupling of oxidative phosphorylation and antioxidants affect fusion of primary human myoblasts in vitro. <i>Biopolymers and Cell</i> , 2016, 32, 111-117.	0.1	5
8427	Evaluation of Antioxidant and Antiangiogenic Properties of <i>Caesalpinia Echinata</i> Extracts. <i>Journal of Cancer</i> , 2014, 5, 143-150.	1.2	12
8428	F2-isoprostanes and Its Metabolite and Breast Cancer Risk. <i>North American Journal of Medicine & Science</i> , 2009, 2, 106.	3.8	12
8429	The Effect of Gamisoyo-san(Jiaweixiaoyaosan) on Serotonin Metabolism. <i>Journal of Oriental Neuropsychiatry</i> , 2011, 22, 37-51.	0.1	4
8430	Inhibitory Effects of Tualang Honey on Experimental Breast Cancer in Rats: A Preliminary Study. <i>Asian Pacific Journal of Cancer Prevention</i> , 2013, 14, 2249-2254.	0.5	44
8431	Roles of Oxidative Stress in the Development and Progression of Breast Cancer. <i>Asian Pacific Journal of Cancer Prevention</i> , 2014, 15, 4745-4751.	0.5	137
8432	Oxidative Stress and Skin Diseases: Possible Role of Physical Activity. <i>Asian Pacific Journal of Cancer Prevention</i> , 2014, 15, 561-568.	0.5	113
8433	Overweight, Obesity, Oxidative Stress and the Risk of Breast Cancer. <i>Asian Pacific Journal of Cancer Prevention</i> , 2014, 15, 9579-9586.	0.5	19
8434	Lifestyle Components and Primary Breast Cancer Prevention. <i>Asian Pacific Journal of Cancer Prevention</i> , 2015, 15, 10543-10555.	0.5	29
8435	Radio-Sensitization by Piper longumine of Human Breast Adenoma MDA-MB-231 Cells in Vitro. <i>Asian Pacific Journal of Cancer Prevention</i> , 2014, 15, 3211-3217.	0.5	22
8436	Types of Cancers Prevailing in Pakistan and their Management Evaluation. <i>Asian Pacific Journal of Cancer Prevention</i> , 2015, 16, 3605-3616.	0.5	6
8437	Nutritional assessment, polyphenols evaluation and antioxidant activity of food resource plant <i>Decalepis hamiltonii</i> Wight & Arn. <i>Journal of Applied Pharmaceutical Science</i> , 0, , .	0.7	7

#	ARTICLE	IF	CITATIONS
8438	Antioxidant activity and phytochemical screening of <i>Nepeta nepetella</i> aqueous and methanolic extracts from Algeria. <i>Journal of Applied Pharmaceutical Science</i> , 0, , 12-16.	0.7	21
8439	Endophytic Mycoflora as a Source of Biotherapeutic Compounds for Disease Treatment. <i>Journal of Applied Pharmaceutical Science</i> , 0, , 242-254.	0.7	14
8441	Antioxidant mediated response of <i>Scoparia dulcis</i> in noise induced redox imbalance and immunohistochemical changes in rat brain. <i>Journal of Biomedical Research</i> , 2017, 31, 143-153.	0.7	10
8442	The Cut-off Value of Blood Mercury Concentration in Relation to Insulin Resistance. <i>Journal of Obesity and Metabolic Syndrome</i> , 2017, 26, 197-203.	1.5	1
8443	Identification of phenolic secondary metabolites from <i>Schotia brachypetala</i> Sond. (Fabaceae) and demonstration of their antioxidant activities in <i>Caenorhabditis elegans</i> . <i>PeerJ</i> , 2016, 4, e2404.	0.9	44
8444	Rosmarinic acid treatment during porcine oocyte maturation attenuates oxidative stress and improves subsequent embryo development in vitro. <i>PeerJ</i> , 2019, 7, e6930.	0.9	3
8445	Oxidative stress as a potential target in acute kidney injury. <i>PeerJ</i> , 2019, 7, e8046.	0.9	57
8446	lncRNAâ€œmRNA competing endogenous RNA network in IR-hepG2 cells ameliorated by APBBR decreasing ROS levels: a systematic analysis. <i>PeerJ</i> , 2020, 8, e8604.	0.9	8
8447	DNA Damage Protection and Anti-inflammatory Activity of Different Solvent Fractions from <i>Aruncus dioicus</i> var. <i>kamtschaticus</i> . <i>Korean Journal of Plant Resources</i> , 2014, 27, 714-719.	0.2	13
8448	Modelling c-Abl Signalling in Activated Neutrophils: the Anti-inflammatory Effect of Seliciclib. <i>BioDiscovery</i> , 2013, 7, 4.	0.1	11
8449	Bioactive Compound and Antioxidant Activity of Methanol Extract Mauli Bananas (<i>Musa sp</i>) Stem. <i>International Journal of Bioscience, Biochemistry, Bioinformatics (IJBBB)</i> , 2014, 4, 110-115.	0.2	13
8450	Oxidative Stress and Kidney Glycation in Rats Exposed Cadmium. <i>International Journal of Chemical Engineering and Applications (IJCEA)</i> , 2014, 5, 497-501.	0.3	7
8451	Enhancement of Anti-Obesity Activities of <i>Aronia melanocarpa</i> Elliot Extracts from Low Temperature Ultrasonification Process. <i>Korean Journal of Medicinal Crop Science</i> , 2016, 24, 309-316.	0.1	6
8452	Tyrosinase and α -Glucosidase Inhibitory Activities and Antioxidant Effects of Extracts from Different Parts of <i>Hypochaeris radicata</i> . <i>Korean Journal of Medicinal Crop Science</i> , 2017, 25, 139-145.	0.1	10
8453	Effects of dietary lipid sources on apoptotic and immune gene expression in head kidney of olive flounder (<i>Paralichthys olivaceus</i>). <i>Hanguk Eobyong Haghoeji</i> , 2012, 25, 199-210.	0.2	3
8454	Effects of Korean and Chinese <i>Crataegi Fructus</i> on the Antioxidant Activity and Antiproliferation of Cancer Cells. <i>The Korean Journal of Community Living Science</i> , 2015, 26, 103-113.	0.0	2
8455	Radical Scavenging Activities and Anti-inflammatory Effects of Soybean Extracts. <i>The Korean Journal of Community Living Science</i> , 2020, 31, 181-194.	0.0	2
8456	Assessment of Lipid Peroxidation and Antioxidant Status in Vanillic Acid Treated 7,12-Dimethylbenz[a]anthracene Induced Hamster Buccal Pouch Carcinogenesis. <i>Journal of Clinical and Diagnostic Research JCDR</i> , 2017, 11, BF01-BF04.	0.8	10

#	ARTICLE	IF	CITATIONS
8457	Oxidative Stress Markers in Tuberculosis and HIV/TB Co-Infection. Journal of Clinical and Diagnostic Research JCDR, 2017, 11, BC24-BC28.	0.8	14
8458	Alterations in the Reactive Oxygen Species in Peripheral Blood of Chronic Myeloid Leukaemia Patients from Northern India. Journal of Clinical and Diagnostic Research JCDR, 2017, 11, XC01-XC05.	0.8	1
8459	ABHRAK BHASMA MEDIATED ALTERATIONS IN LIVER AND KIDNEY FUNCTIONS IN MALE ALBINO RATS DURING CARBON TETRACHLORIDE INDUCED TOXICITY. International Journal of Research in Ayurveda and Pharmacy, 2013, 4, 696-700.	0.0	6
8460	Antioxidant and Anti-inflammatory Activities of Extracts from Korean Traditional Medicinal Prescriptions. Korean Journal of Food Science and Technology, 2011, 43, 624-632.	0.0	7
8461	Antioxidant Activity of Different Parts of Lespedeza bicolor and Isolation of Antioxidant Compound. Korean Journal of Food Science and Technology, 2012, 44, 763-771.	0.0	14
8462	Effect of Extraction Solvent on the Physiological Properties of Korean Pear Peel (Pyrus pyrifolia cv.) Tj ETQq1 1 0.784314 rgBT /Overlock 12	0.0	12
8463	Antioxidant Activities of Ethanol Extracts from Different Parts of the Black Raspberry (Rubus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 507 47, 504-510.	0.0	2
8464	Antioxidant Mediated Defense Role of the Dietary Phytochemical Ferulic Acid, against Carbon Tetrachloride (CCl4) Induced Toxic Hepatitis. Advances in Research, 2013, 1, 11-22.	0.3	1
8465	Mechanisms of Prooxidants in NeuroInflammatory Processes and Clinical Manifestations. Annual Research & Review in Biology, 2014, 4, 3949-3961.	0.4	2
8466	Preliminary In-vitro Assessment of Some Phytochemical Constituents and Radical Scavenging Activity of Methanol Extracts of Five Flowers Varieties. Annual Research & Review in Biology, 2015, 5, 357-365.	0.4	2
8467	Antioxidant Properties of Fermented Kolanut husk and Testa of Three Species of Kolanut: Cola acuminata, Cola nitida and Cola verticillata. British Biotechnology Journal, 2015, 8, 1-13.	0.4	4
8468	Chemical Composition, Antioxidant Capacity and Total Phenolic Content of the Flours Obtained from Cow Pea (Vigna unguiculata) Varieties Commonly Consumed in Nigeria. British Journal of Applied Science & Technology, 2014, 4, 1729-1735.	0.2	1
8469	Role of Zinc in an Organism and Its Influence on Processes Leading to Apoptosis. British Journal of Medicine and Medical Research, 2011, 1, 239-305.	0.2	22
8470	Predicting Postprandial Oxidative Stress Using Serum Triglycerides Following Oral Fat Tolerance Testing. British Journal of Medicine and Medical Research, 2015, 5, 1514-1526.	0.2	2
8471	Free Radical Scavenging and In-vitro Antioxidant Effects of Ethanol Extract of the Medicinal Herb Chromolaena odorata Linn.. British Journal of Pharmaceutical Research, 2011, 1, 141-155.	0.4	10
8472	Evaluation of Antioxidant and Hepatoprotective Effect of Acacia modesta Wall against Paracetamol Induced Hepatotoxicity. British Journal of Pharmaceutical Research, 2015, 5, 336-343.	0.4	5
8473	Antioxidant Properties of Twelve Selected Medicinal Plants Commonly Used in Jordan. British Journal of Pharmaceutical Research, 2015, 6, 121-130.	0.4	8
8474	Traditional, Medicinal and Nutraceutical Values of Minor Fruit: Longan. Current Journal of Applied Science and Technology, 0, , 59-70.	0.3	4

#	ARTICLE	IF	CITATIONS
8475	Phytochemical Characterization and Radical Scavenging Activity of Aqueous Extracts of Medicinal Plants from Portugal. <i>European Journal of Medicinal Plants</i> , 2012, 2, 335-347.	0.5	14
8476	Ex vivo and In vivo Antioxidant Related Effects of <i>Zingiber officinale</i> Roscoe (Ginger) Extracts in Humans. <i>European Journal of Medicinal Plants</i> , 2015, 7, 99-108.	0.5	6
8477	Antioxidant Capacity and Anti-diabetic Activity of Wild Berry Stem Infusions. <i>European Journal of Medicinal Plants</i> , 2015, 8, 11-28.	0.5	8
8478	Cardioprotective Effect of Leaf and Root Extracts of <i>Newbouldia laevis</i> against Carbon Tetrachloride Induced-Cardiotoxicity in Albino Rats. <i>European Journal of Medicinal Plants</i> , 2015, 9, 1-7.	0.5	6
8479	Antioxidant and Neuroprotective Effect of Organic and Conventional White Grape Juices on Oxidative Stress Induced by Sodium Azide in Cerebral Cortex of Rats. <i>European Journal of Nutrition & Food Safety</i> , 2014, 4, 592-603.	0.2	2
8480	Hepatoprotective Effects of Crude Extracts of Tomato and Onion in Rats Exposed to Locally Processed Beef. <i>International Journal of Biochemistry Research & Review</i> , 2014, 4, 193-203.	0.1	4
8481	Hepatoprotective and antioxidative effect of ethanolic leaf extract of <i>Langenaria breviflora</i> (bitter) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 61-68.	0.1	5
8482	Effects of Cigarette Smoking On Lipid Peroxidation and Serum Antioxidant Vitamins. <i>IOSR Journal of Pharmacy and Biological Sciences</i> , 2017, 12, 40-44.	0.1	4
8483	Antioxidant Activity and Sensory Evaluation in Soy Sauce with Fruit, Stem, or Twig of <i>Hovenia dulcis</i> Thunb. <i>The Korean Journal of Food and Nutrition</i> , 2013, 26, 258-265.	0.3	10
8484	Recent progress in the toxicity of nitric oxide-releasing nanomaterials. <i>Materials Advances</i> , 2021, 2, 7530-7542.	2.6	7
8485	Antioxidant activity of SSeCAHK in HepG2 cells: a selenopeptide identified from selenium-enriched soybean protein hydrolysates. <i>RSC Advances</i> , 2021, 11, 33872-33882.	1.7	5
8486	Phytochemical and biological investigations of extracts from the roots of <i>Cocos nucifera</i> L. (Arecaceae) and <i>Carica papaya</i> L. (Caricaceae), two plants used in traditional medicine. <i>African Journal of Biochemistry Research</i> , 2021, 15, 28-35.	0.2	7
8487	Cytotoxic evaluation and phytochemical screening of an ethnomedicinal plant: <i>Pterospermum rubiginosum</i> from southern Western Ghats. <i>Journal of Medicinal Plants Studies</i> , 2021, 9, 51-58.	0.2	3
8488	The Entropy Perspective on Human Illness and Aging. <i>Engineering</i> , 2022, 9, 22-26.	3.2	3
8489	Human-made electromagnetic fields: Ion forced-oscillation and voltage-gated ion channel dysfunction, oxidative stress and DNA damage (Review). <i>International Journal of Oncology</i> , 2021, 59, .	1.4	32
8490	Targeting dyslipidemia with antioxidative vitamins C, D, and E; a systematic review of meta-analysis studies. <i>Journal of Diabetes and Metabolic Disorders</i> , 2021, 20, 2037-2047.	0.8	2
8491	Carbon dots derived from <i>Beta vulgaris</i> : evaluation of its potential as antioxidant and anticancer agent. <i>Nanotechnology</i> , 2022, 33, 045403.	1.3	15
8492	Type 2 Diabetes Mellitus and Cancer: Epidemiology, Physiopathology and Prevention. <i>Biomedicines</i> , 2021, 9, 1429.	1.4	15

#	ARTICLE	IF	CITATIONS
8493	Nuclear factor erythroid 2-related factor 2 in human papillomavirus-related cancers. <i>Reviews in Medical Virology</i> , 2022, 32, e2308.	3.9	4
8494	Antioxidant Potentials, Phytochemical Profiles and Ameliorating Effects of <i>Senna siamea</i> Extract on Arsenic-Induced Hepato-Renal Damage. <i>Asian Journal of Research in Biochemistry</i> , 0, , 34-52.	0.0	0
8495	Frequency of Euthyroid Sick Syndrome Before and After Renal Transplantation in Patients with End Stage Renal Disease and Its Association with Oxidative Stress. <i>Postgraduate Medicine</i> , 2021, , 1-6.	0.9	1
8496	Oxidative Stress Induced by Reactive Oxygen Species (ROS) and NADPH Oxidase 4 (NOX4) in the Pathogenesis of the Fibrotic Process in Systemic Sclerosis: A Promising Therapeutic Target. <i>Journal of Clinical Medicine</i> , 2021, 10, 4791.	1.0	22
8497	Exercise Intervention Mitigates Pathological Liver Changes in NAFLD Zebrafish by Activating SIRT1/AMPK/NRF2 Signaling. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10940.	1.8	18
8498	Bioaccessibility features of particulate bound toxic elements: Review of extraction approaches, concentrations and health risks. <i>Journal of the Indian Chemical Society</i> , 2021, 98, 100212.	1.3	4
8499	Intergenerational Costs of Oxidative Stress: Reduced Fitness in Daughters of Mothers That Experienced High Levels of Oxidative Damage during Reproduction. <i>Physiological and Biochemical Zoology</i> , 2022, 95, 1-14.	0.6	2
8500	SYNTHESIS AND ANTIOXIDANT ACTIVITY OF (E)-3-(3-(4-OXO-4H-CHROMEN-3-YL)ACRYLOYL) 2H-CHROMEN-2-ONE DERIVATIVES. <i>Farmatsiya I Farmakologiya</i> , 2021, 9, 367-376.	0.2	0
8501	The Effects of Aerobic Exercise on Oxidative Stress in Older Adults: A Systematic Review and Meta-Analysis. <i>Frontiers in Physiology</i> , 2021, 12, 701151.	1.3	18
8502	Mechanisms of TLR4-Mediated Autophagy and Nitroxidative Stress. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 766590.	1.8	16
8503	Influence of Electronic Cigarettes on Antioxidant Capacity and Nucleotide Metabolites in Saliva. <i>Toxics</i> , 2021, 9, 263.	1.6	10
8504	Hollow CeO ₂ with ROS-Scavenging Activity to Alleviate Colitis in Mice. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 6889-6904.	3.3	11
8505	A Simple Route to the Complexation of Lutein with Reduced Graphene Oxide Nanocarriers and Antioxidant Protection Against Blue Light. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 6843-6860.	3.3	11
8506	Molecular mechanisms of oxidative stress in asthma. <i>Molecular Aspects of Medicine</i> , 2022, 85, 101026.	2.7	90
8507	Multiple free radical scavenging reactions of flavonoids. <i>Dyes and Pigments</i> , 2022, 198, 109877.	2.0	30
8508	Exhaustive Plant Profile of <i>Dimocarpus longan</i> Lour with Significant Phytomedicinal Properties: A Literature Based-Review. <i>Processes</i> , 2021, 9, 1803.	1.3	18
8509	Sustainable and Healthy Food Ingredients: Characterization and Application in Functional Products. , 0, , .		0
8510	Metabolomic Profiling of Antioxidant Compounds in Five <i>Vachellia</i> Species. <i>Molecules</i> , 2021, 26, 6214.	1.7	5

#	ARTICLE	IF	CITATIONS
8511	Calystegia soldanella Extract Exerts Anti-Oxidative and Anti-Inflammatory Effects via the Regulation of the NF- κ B/Nrf-2 Pathways in Mouse Macrophages. <i>Antioxidants</i> , 2021, 10, 1639.	2.2	2
8512	Modulation of SOD3 Levels Is Detrimental to Retinal Homeostasis. <i>Antioxidants</i> , 2021, 10, 1595.	2.2	4
8513	Quercetin attenuates neurotoxicity induced by iron oxide nanoparticles. <i>Journal of Nanobiotechnology</i> , 2021, 19, 327.	4.2	37
8514	Physiological Functions of Thiol Peroxidases (Gpx1 and Prdx2) during <i>Xenopus laevis</i> Embryonic Development. <i>Antioxidants</i> , 2021, 10, 1636.	2.2	0
8515	The hypoxia adaptation of small mammals to plateau and underground burrow conditions. <i>Animal Models and Experimental Medicine</i> , 2021, 4, 319-328.	1.3	8
8516	Clinical and Correlated Responses among Steroid Hormones and Oxidant/Antioxidant Biomarkers in Pregnant, Non-Pregnant and Lactating CIDR-Pre-Synchronized Dromedaries (<i>Camelus dromedarius</i>). <i>Veterinary Sciences</i> , 2021, 8, 247.	0.6	8
8517	Male fertility as a marker for health. <i>Reproductive BioMedicine Online</i> , 2022, 44, 131-144.	1.1	19
8518	Label-free functional and structural imaging of liver microvascular complex in mice by Jones matrix optical coherence tomography. <i>Scientific Reports</i> , 2021, 11, 20054.	1.6	11
8519	Ferritinophagy-Mediated ROS Production Contributed to Proliferation Inhibition, Apoptosis, and Ferroptosis Induction in Action of Mechanism of 2-Pyridylhydrazone Dithiocarbamate Acetate. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-17.	1.9	8
8521	Phytochemical Traits and Biological Activity of <i>Eryngium amethystinum</i> and <i>E. alpinum</i> (Apiaceae). <i>Horticulturae</i> , 2021, 7, 364.	1.2	6
8522	Targeting the complex I and III of mitochondrial electron transport chain as a potentially viable option in liver cancer management. <i>Cell Death Discovery</i> , 2021, 7, 293.	2.0	4
8523	Oxidative Stress and Cognitive Decline: The Neuroprotective Role of Natural Antioxidants. <i>Frontiers in Neuroscience</i> , 2021, 15, 729757.	1.4	35
8524	Leaves of <i>Olea europaea</i> L. as a source of oleuropein: characteristics and biological aspects. <i>Research, Society and Development</i> , 2021, 10, e185101321130.	0.0	3
8525	Beneficial actions of esculetin-2CHa(GA30) on high sucrose-induced oxidative stress in <i>Drosophila melanogaster</i> . <i>Food and Chemical Toxicology</i> , 2021, 157, 112620.	1.8	1
8526	Study on the reproductive toxicity and mechanism of tri-n-butyl phosphate (TnBP) in <i>Caenorhabditis elegans</i> . <i>Ecotoxicology and Environmental Safety</i> , 2021, 227, 112896.	2.9	15
8527	Roles of melatonin in the field of reproductive medicine. <i>Biomedicine and Pharmacotherapy</i> , 2021, 144, 112001.	2.5	46
8530	The Effects of Cell Culture Oxygen Levels on the Replicative Senescence Processes of Primary Human Fibroblasts. <i>FASEB Journal</i> , 2007, 21, A1040.	0.2	0
8531	Risk Management of Complementary Alternative Medicines in Cancer. <i>Annals of Traditional Chinese Medicine</i> , 2007, , 129-161.	0.1	0

#	ARTICLE	IF	CITATIONS
8532	Antioxidative and Antigenotoxic Activity of Extracts from <i>Rhododendron mucromulatum</i> Turcz. Flowers. <i>Journal of the Korean Society of Food Science and Nutrition</i> , 2007, 36, 1628-1632.	0.2	4
8533	Redox regulation of cell cycle through nitric oxide. <i>Hemijaska Industrija</i> , 2008, 62, 301-304.	0.3	0
8534	Clinical and biochemical aspects of development of bronchial obstruction in asthma. <i>Pulmonologiya</i> , 2008, , 52-57.	0.2	2
8535	Bioavailability and Antioxidant Effect of Olive Oil Phenolic Compounds in Humans. , 2008, , 109-128.		0
8536	Effect of Glutathione-Enriched <i>Saccharomyces cerevisiae</i> FF-8 on Tissues Lipid Peroxidation in Orotic Acid-Induced Fatty Liver Model Rats. <i>Journal of Life Science</i> , 2009, 19, 322-326.	0.2	2
8537	Influence of combination of Rosiglitazone with Metformin/Glimepiride on Erythropoietic and germinal cell damages in male diabetic rats. <i>International Journal of Diabetes and Metabolism</i> , 2010, 18, 29-34.	0.7	0
8540	Comparative Analysis of the Antioxidant Activities of Green Peppers Cultivated under Conventional and Environmental-Friendly Farming conditions. <i>Korean Journal of Environmental Agriculture</i> , 2010, 29, 39-46.	0.0	0
8541	Analgesic Effect of Grape Seed Proanthocyanidin Extract in Fibromyalgia Animal Model. <i>Journal of Life Science</i> , 2010, 20, 496-502.	0.2	1
8542	Endothelial Progenitor Cells and Nitric Oxide: Matching Partners in Biomedicine. , 2011, , 213-245.		0
8544	Glutathione concentration, glutathione peroxidase and glutathione reductase activity in elderly patients with type II diabetes compared to hypertensives. <i>Copernican Letters</i> , 0, 1, 25.	0.0	0
8545	Reactive Oxygen Species. , 2011, , 3189-3193.		0
8546	Is in vitro Cell Culture Suitable for Study of Environmental-Induced Oxidative Stress?. , 2011, 01, .		0
8548	Antioxidative Activity of Ethanol Extracts from Different Parts of <i>Taraxacum officinale</i> . <i>Journal of the Korean Society of Food Science and Nutrition</i> , 2011, 40, 56-62.	0.2	18
8549	Antioxidant and Antigenotoxic Effects of Sansuyu Fruit (<i>Corni fructus</i>) Extracted with Water at Different Temperatures. <i>Journal of the Korean Society of Food Science and Nutrition</i> , 2011, 40, 149-155.	0.2	6
8550	Inhibitory Effect of Red Bean (<i>Phaseolus angularis</i>) Hot Water Extracts on Oxidative DNA and Cell Damage. <i>Korean Journal of Plant Resources</i> , 2011, 24, 130-138.	0.2	8
8551	The Popularity of Articles in PubMed. <i>The Open Information Systems Journal</i> , 2011, 5, 1-7.	0.1	1
8552	Free Radicals and Gastric Cancer. , 0, , .		0
8553	Antioxidant Activity and DNA Damage Protective Effect of a <i>Robinia pseudoacacia</i> L. Flower Extract. <i>Korean Journal of Food and Cookery Science</i> , 2011, 27, 99-106.	0.2	4

#	ARTICLE	IF	CITATIONS
8554	Improving Effect of <i>Cudrania Tricuspidata</i> Ethanol Extract on Lipid Profile and Blood Glucose in HFD-induced Obese Mice. <i>Journal of Investigative Cosmetology</i> , 2011, 7, 309-318.	0.1	1
8555	Study of Antioxidant Activity in Vitro by Aqueous, Ethanolic and Ether Extract of <i>Hibiscus Rosa-Sinensis</i> Linn. <i>Indian Journal of Applied Research</i> , 2011, 3, 1-3.	0.0	2
8556	Antioxidative and anti-inflammatory properties of Chushizi oil from <i>Fructus Broussonetiae</i> . <i>Journal of Medicinal Plants Research</i> , 2011, 5, .	0.2	2
8557	The high performance liquid chromatography (HPLC) analysis of ultraviolet (UV) irradiated chlorophyll a and secondary plant compounds. <i>African Journal of Biotechnology</i> , 2011, 10, .	0.3	2
8558	Studies on the Antioxidant Activity of the Compound Enoxil and Its Related Forms. <i>Chemistry Journal of Moldova</i> , 2011, 6, 58-64.	0.3	2
8559	Effect of <i>Dendranthema indicum</i> Extracts on Cell and DNA Damage Induced by Oxidative Stress. <i>Journal of Life Science</i> , 2011, 21, 1698-1704.	0.2	1
8560	Long Term Ingestion of Hormonal Contraceptive Agents – The Exogenous Factor for the Increased Generation of Reactive Oxygen Species (ROS)?. <i>Journal of Pharmacy and Nutrition Sciences (discontinued)</i> , 2011, 1, .	0.2	0
8561	Changes in Plasma's Oxidative Stress and Antioxidant Activity, Measured with Melatonin Levels, and its Relationship to Newborns from Obese and Diabetic Pregnancies. <i>Journal of Diabetes & Metabolism</i> , 2012, 01, .	0.2	2
8562	Oxidant and Antioxidant Status in Children with Juvenile Idiopathic Arthritis. <i>Annals of Paediatric Rheumatology</i> , 2012, 1, 176.	0.0	0
8563	Determination of immunological stress and oxygen free radical formation in white blood cells during allergen immunotherapy. <i>Medical Science Monitor</i> , 2012, 18, PR13-PR17.	0.5	1
8564	<i>Enicostemma littorale</i> have Potential as Functional Food Ingredient. <i>Research Journal of Medicinal Plant</i> , 2012, 6, 4-5.	0.3	0
8565	The Protective Role of Hypoxic Preconditioning in CNS. , 0, , .		0
8566	Silica inflammation modulates lipoperoxide and thiobarbituric acid reactive substances levels in liver and glucose concentration in blood of alloxan diabetic rats. <i>Modern Research in Inflammation</i> , 2012, 01, 19-25.	0.4	0
8567	<i>In vitro&/i> antioxidant potential and radical scavenging activity of polyherbal drug <i>Shirishadi</i> . <i>Oxidants and Antioxidants in Medical Science</i> , 2012, 1, 225.	0.2	1
8568	Phytochemical Investigation and Hepatoprotective Activity of <i>Coscinium Fenestratum</i> Colebr., A Rare Endangered Spp., from Western Ghats of India. <i>Paripex-indian Journal of Research</i> , 2012, 2, 14-16.	0.0	0
8569	Effects of Dietary Broad Bean and Red Onion Intake on Weight Loss Properties in Obese Rats. <i>Egyptian Journal of Nutrition and Health</i> , 2012, 7, 1-14.	0.0	0
8570	Red Palm Oil and Its Antioxidant Potential in Reducing Oxidative Stress in HIV/AIDS and TB Patients. , 0, , .		2
8571	Hepatocyte Growth Factor Protection of Retinal Pigment Epithelial Cells. , 2012, , 337-354.		0

#	ARTICLE	IF	CITATIONS
8572	Activation of Inflammatory Circulating Factors by Intermittent Hypoxia in Sleep Apnea Syndrome. , 2012, , 99-114.		0
8573	In Vitro Antioxidant and Phytochemical Analysis of <i>Acalypha alnifolia</i> Klein Ex Willd. IOSR Journal of Pharmacy and Biological Sciences, 2012, 1, 43-47.	0.1	14
8574	Oxidative stress studies in recent research. Medwave, 2012, 12, e5299-e5299.	0.2	0
8575	Physical Activity, Dietary Fat and Colorectal Cancer. , 0, , .		0
8576	Antioxidant Action of Mobile Electron Carriers of the Respiratory Chain. , 0, , .		0
8577	Antioxidant Effects of <i>Picrasma quassioides</i> and <i>Chamaecyparis obtusa</i> (S. et Z.) ENDL Extracts. Journal of Life Science, 2012, 22, 354-359.	0.2	13
8578	Role of the Neutrophil NADPH Oxidase and S100A8/A9 in the Pathophysiology of Chronic Inflammation. , 0, , .		0
8579	Oxidative Stress and Mitochondrial Dysfunction in Cardiovascular Diseases. , 0, , .		2
8580	Dietary Antioxidants in Chronic Alcoholic Pancreatitis. , 2013, , 341-356.		0
8581	Effect of <i>Artemisia capillaris</i> Extracts on Antioxidant Activity and Allergic Dermatitis. Journal of Life Science, 2012, 22, 958-963.	0.2	4
8582	Maternal Nutrition, Oxidative Stress and Prenatal Developmental Outcomes. , 2013, , 1-31.		2
8583	Effects of <i>Opuntia humifusa</i> Supplementation on Lipid Peroxidation and SOD Protein Expression in the Liver, Kidney, and Skeletal Muscle of Rats Fed a High-fat Diet. Journal of Life Science, 2012, 22, 857-862.	0.2	1
8584	Change of Total Polyphenol Content of Fermented <i>Gastrodia elata</i> Blume and Radical Scavenging. Korean Journal of Plant Resources, 2012, 25, 379-386.	0.2	26
8585	Protective effects of the active fraction of bitter melon (<i>Momordica charantia</i>) on nitric oxide-induced oxidative stress in LLC-PK1 cell. Journal of Medicinal Plants Research, 2012, 6, .	0.2	0
8586	Genetic Component of Oxidative Stress in Rheumatoid Arthritis. , 2013, , 127-143.		0
8588	Natural Antioxidants and Resistance to Infection. , 2013, , 157-174.		0
8589	Biochemical Alterations Induced by Heavy Metal Mixture on the Levels of Vitamin E and Glycogen in the Liver of Freshwater Fish. Natural Environment, 2013, 1, 28.	0.5	1
8590	The orthodox therapy of cardiovascular diseases integrated by ozone-therapy is able to normalize the redox system. World Journal of Cardiovascular Diseases, 2013, 03, 308-311.	0.0	0

#	ARTICLE	IF	CITATIONS
8591	Effect of Hydropsyche kozhantschikovi Extracts on Oxidative Stress. Journal of Life Science, 2013, 23, 31-37.	0.2	0
8592	Quantifying Reduced Glutathione by Square-wave Voltammetry. Journal of Biosensors & Bioelectronics, 2013, 04, .	0.4	1
8593	Lipid peroxidation and antioxidant enzymes. Sakarya TÄ±p Dergisi, 2013, 3, 5-7.	0.0	2
8594	Age changes of antyoxidant system and free-radical processes in rats at formation of postinfarction atherosclerosis. Advances in Aging Research, 2013, 02, 51-56.	0.3	0
8595	Evaluation of Glutathione, Albumin and Ascorbic Acid Levels in Breast Cancer Patients. International Journal of Clinical Medicine, 2013, 04, 405-408.	0.1	1
8596	A Hierarchy of Healing: The Therapeutic Order. , 2013, , 18-33.		3
8597	An Overview on Cagaita (Eugenia dysenterica DC) Macro and Micro Components and a Technological Approach. , 0, , .		2
8598	Molecular Mechanisms of Antioxidants in Male Infertility. , 2013, , 91-107.		0
8599	Phenolic Compound Content and Antioxidant Activity of Citrus Peels. Journal of the Korean Society of Food Science and Nutrition, 2013, 42, 153-160.	0.2	13
8600	Antioxidant Activities of Angelica keiskei L. and dried leaves of Raphanus sativus L.. Korean Journal of Food Preservation, 2013, 20, 104-110.	0.2	1
8601	White Tea (Camellia Sinensis (L.)): Antioxidant Properties And Beneficial Health Effects. International Journal of Food Science, Nutrition and Dietetics, 0, , 19-26.	0.0	15
8602	Antioxidant Activity and Inhibitory Effect of Taraxacum officinale Extracts on Nitric Oxide Production. Korean Journal of Food Science and Technology, 2013, 45, 206-212.	0.0	10
8603	Endothelium and Oxidative Stress. , 2013, , 171-197.		0
8604	Potential Role of Hedgehog Signaling in Radiation-induced Liver Fibrosis. Journal of Life Science, 2013, 23, 710-720.	0.2	0
8605	Oxidative Stress and Angiogenesis in Tumor Progression. , 2013, , 394-425.		0
8606	Comparative Study of Antioxidant Activity of Apple and Pear Peel. Korean Journal of Plant Resources, 2013, 26, 347-354.	0.2	2
8607	Atorvastatin inhibits brain oxidative stress of Streptozotocininduced diabetic rat. Journal of Experimental and Applied Animal Sciences, 2013, 1, 35.	0.2	1
8608	Antioxidants - A Boon of A Bane- An Update. Biosciences, Biotechnology Research Asia, 2013, 10, 427-431.	0.2	0

#	ARTICLE	IF	CITATIONS
8609	INVESTIGATION OF NEUROPROTECTIVE ACTIVITY THIOPHANE INVOLUTIONAL CHORIORETINAL DEGENERATION IN RATS OXYS. Bulletin of Siberian Medicine, 2013, 12, 24-32.	0.1	0
8610	Complex Copper Compounds with Pentaaminotetrazole Are the New Challenge in Treatment and Prevention of Free-Radical Conditions. Chemistry Journal of Moldova, 2013, 8, 6-13.	0.3	1
8611	Anti-aging and Antioxidant Activities of Extracts from Liriope platyphylla Fruits. Journal of Investigative Cosmetology, 2013, 9, 105-114.	0.1	1
8612	Antioxidant Activities of Beverage Concentrates and Purees. Journal of the Korean Society of Food Science and Nutrition, 2013, 42, 997-1002.	0.2	3
8613	Cytoprotective Effects and Gene Expression Patterns Observed Based on the Antioxidant Activity of Lonicera japonica Extract. Journal of Life Science, 2013, 23, 989-997.	0.2	4
8614	Protection of Primary Cultured Mouse Hepatocytes from Chemical Hypoxia-induced Injury by Hydrogen Sulfide. Journal of Life Science, 2013, 23, 1342-1350.	0.2	0
8615	Anti-wrinkle and Antioxidative Effects of Ethanolic Extracts of Inula Flos, Chrysanthemi Flos and Carthami Flos. Han'gug Du'pi Mo'bal Miyong Haghoeji, 2013, 9, 29-37.	0.0	4
8616	Antioxidative Effect and Tyrosinase Inhibitory Activity of the Unripened Fruit Extract of Rubus coreanus Miquel. Journal of the Society of Cosmetic Scientists of Korea, 2013, 39, 295-302.	0.2	9
8617	Diet antioxidant capacity: Relationship to oxidative stress and health.. CFW Plexus, 2013, , .	0.0	0
8618	Molecular Cloning and Tissue-specific Expression of Cu/Zn and Mn-superoxide Dismutase in the Three-keeled Pond Turtle, Chinemys reevesii. Asian Herpetological Research, 2013, 4, 79-89.	0.2	0
8619	Antioxidant and Anti-cancer Activities of Squash (Cucurbita moschata Duch.) Leaf Extract In vitro. Korean Journal of Food Science and Technology, 2013, 45, 770-776.	0.0	10
8620	Hepatoprotective Effect of Ethyl Acetate Extract of Vitex doniana Stem Bark on Carbon Tetrachloride (CCl4) Induced Liver Damage in Wistar Rats. American Journal of Biochemistry and Molecular Biology, 2013, 4, 35-41.	0.6	0
8622	Strategies to Target Mitochondria and Oxidative Stress by Antioxidants. , 2014, , 3419-3435.		0
8623	The Relationship between Nigerian Bonnylight Crude Oil-Induced Hypoglycaemia and Endogenous Serum Insulin Concentration in Male Wistar Rats: The Role of Antioxidant Vitamins C and E. American Journal of Molecular Biology, 2014, 04, 81-88.	0.1	1
8624	Natural Phenolic Antioxidants and Their Synthetic Derivatives. , 2014, , 4047-4061.		0
8625	Oxidative Stress in Surgery. , 2014, , 3929-3946.		1
8626	Association of Lead with Heamoglobin damage in males (car painters) of Lahore.. IOSR Journal of Dental and Medical Sciences, 2014, 13, 83-88.	0.0	0
8627	Oxidative and Nitrosative Stress in Critical Illness and Injury. , 2014, , 239-249.		0

#	ARTICLE	IF	CITATIONS
8628	Immune Thrombocytopenia in Chronic Lymphocytic Leukemia. <i>Journal of Blood Disorders & Transfusion</i> , 2014, 05, .	0.1	2
8629	Oxidative Stress in Musculoskeletal Disorders – Bone Disease. , 2014, , 2951-2959.		1
8630	Mitochondrion: A Novel Center for Cancer Cell Signaling. , 2014, , 1-38.		0
8631	The French Paradox at Tea Time: From Antioxidant Flavonoids and Stilbenes Toward Bio-inspired Synthetic Derivatives. , 2014, , 149-189.		1
8632	Lipotoxicity Observed at the Early Phase of Obesity in Cats Fed on High-fat Diet. <i>Asian Journal of Animal and Veterinary Advances</i> , 2014, 9, 134-143.	0.3	3
8633	Impact of Simultaneous Exposure to Lead and Efavirenz on Some Biochemical Markers in Wistar Rats. , 2014, 04, .		0
8634	Study on the levels of oxidant and anti-oxidant enzymes in hypertensive patients. <i>International Journal of Medical Science and Public Health</i> , 2014, 3, 1074.	0.2	0
8635	Evaluation of Whole Saliva Antioxidant Capacity in Patients with Periodontal Diseases. <i>Open Journal of Stomatology</i> , 2014, 04, 228-231.	0.1	4
8636	Autophagy Regulates Osteoarthritis-Like Gene Expression Changes. , 2014, , 323-331.		0
8637	Free Radicals and Islet Function. , 2014, , 3339-3360.		0
8638	Reactive Oxygen Species. , 2014, , 1-6.		0
8639	Exploring the Effect of Redox Enzyme Modulation on the Biology of Mouse Aging. , 2014, , 153-170.		1
8640	Mitochondrial Superoxide Flashes – From Signaling to Disease. , 2014, , 243-263.		1
8641	Hypothyroidism: diagnosis and screening, genetic influences, and treatment options. <i>Clinical and Experimental Medical Sciences</i> , 0, 2, 11-47.	0.4	0
8642	Oxidative Stress in Chronic Obstructive Pulmonary Disease. , 2014, , 314-348.		2
8643	Investigation of the protective effect of Cinnamomum cassia bark extract against H2O2-induced oxidative DNA damage in human peripheral blood lymphocytes and antioxidant activity. <i>Marmara Pharmaceutical Journal</i> , 2014, 18, 43.	0.5	1
8644	ZwiÄ...zek podwyÅ¼szonej ekspresji leukocytarnej kinazy 3-fosfatydyloinozytolu delta z cukrzycÄ... ciÄ...Å¼owÄ... (GDM). <i>Endokrynologia Polska</i> , 2014, 65, 17-24.	0.3	5
8646	Review: Mycoendophytes in medicinal plants: Diversity and bioactivities. <i>Nusantara Bioscience</i> , 2016, 4, .	0.2	0

#	ARTICLE	IF	CITATIONS
8649	The Role of Pometone (Pomegranate seed oil) in Ameliorating the Deleterious Effect of Methionine Overload on Some Histological Aspects of heart and aorta in Female Rabbits (Part-II). The Iraqi Journal of Veterinary Medicine, 2014, 38, 62-70.	0.0	1
8650	Association Between Blood Pressure and Urinary Arsenic Concentration in Industrial Areas. Journal of Korean Society of Occupational and Environmental Hygiene, 2014, 24, 137-145.	0.3	3
8651	Antioxidant Activity and Main Volatile Flavor Components of Mulberry Wine Fermented with <i>Saccharomyces cerevisiae</i> B-8. Journal of the Korean Society of Food Science and Nutrition, 2014, 43, 1017-1024.	0.2	3
8652	Role of Oxidative Stress and Inflammation in Nutrition-Infection Interactions and the Potential Therapeutic Strategy Using Antioxidants and Modulating Inflammation. , 2014, , 81-106.		0
8653	Anti-wrinkle and Anti-aging activity of <i>Liriope platyphylla</i> Flower Extract. Journal of Investigative Cosmetology, 2014, 10, 191-200.	0.1	1
8654	Pengaruh Pemberian Diet Tinggi Minyak Sawit terhadap Kadar Malondialdehid Darah Tikus Wistar. Jurnal Kesehatan Andalas, 2014, 3, .	0.1	1
8655	The Effects of Daily Repeated Magnetic Field on S-Nitroso-N-acetyl-DL penicillamine Induced Hyperalgesia. Cumhuriyet Medical Journal, 2014, 36, 310.	0.1	0
8657	Physiological Changes Affecting the Nutritional Needs of Masters Athletes. , 2014, , 1-16.		0
8658	Tools and Techniques to Measure Oxidative Stress. , 2015, , 43-56.		2
8659	Oxidative Stress-Induced Molecular and Genetic Mechanisms in Human Health and Diseases. , 2015, , 91-103.		2
8660	Antioxidant Activities of Green and Purple Kohlrabi Juices. Korean Journal of Food Science and Technology, 2014, 46, 601-608.	0.0	14
8661	Perfil metabólico de isómeros de Ácido Linoleico Conjugado y calidad de ovocitos en ovejas de pelo. Nova Scientia, 2014, 6, 287.	0.0	0
8662	Contents of Antioxidative Components from Pulpy and Seed in Wild Haw (<i>Crataegus pinnatifida</i>) Tj ETQq0 0 0 rgBT, Overlock 10 Tf 50 2	0.0	2
8663	Antioxidant potential of various fractions of lichen species of Gilgit-Baltistan, District Hunza-Nagar. International Journal of Biosciences, 2014, 5, 346-353.	0.4	1
8664	Oxidative Stress and Polyunsaturated Lipid Peroxidation Products in the CNS: Focus on Retinal Bisretinoids and DHA-Derived Carboxyethylpyrroles as Potential Inducers of Vision-Threatening Pathology. Oxidative Stress in Applied Basic Research and Clinical Practice, 2015, , 479-501.	0.4	0
8665	Antioxidant Activities of Solvent Extracts from <i>Rosa multiflora</i> . Journal of Life Science, 2014, 24, 1217-1223.	0.2	8
8666	Effects of prenatal exposure to electromagnetic fields on biomarkers of oxidative stress and fertility of F1 generation In-vitro. Environment Conservation Journal, 2021, 15, 165-169.	0.1	0
8667	Hot-water Extract of <i>Rubus Coreanus</i> Miquel Suppresses VEGF-induced Angiogenesis. Journal of Life Science, 2014, 24, 1345-1355.	0.2	0

#	ARTICLE	IF	CITATIONS
8668	Outdoor Air Pollutants. Oxidative Stress in Applied Basic Research and Clinical Practice, 2015, , 303-321.	0.4	1
8669	ATIVIDADE ANTIOXIDANTE, COMPOSTOS FENÓLICOS TOTAIS E TRIAGEM FITOQUÍMICA DE ERVAS CONDIMENTARES DESIDRATADAS. Revista Da Universidade Vale Do Rio Verde, 2015, ,	0.1	5
8670	Perbedaan Kadar HSP90 pada Preeklamsi Berat dengan Kehamilan Normal. Majalah Kedokteran Bandung, 2015, 47, .	0.2	1
8671	ROS. , 2015, , 1-10.		0
8672	Electron Paramagnetic Resonance Spectroscopy to Evaluate the Radical Scavenging Activity of the Skin. , 2015, , 1-11.		0
8673	Toxicogenomics-Based Assessment of Xenobiotic-Induced Oxidative Stress. Oxidative Stress in Applied Basic Research and Clinical Practice, 2015, , 467-480.	0.4	0
8674	Cutaneous Oxidative Stress and Aging. , 2015, , 1-27.		0
8676	Antioxidant Potentials of Tomato Paste Extracts Found on Major Markets in Accra Metropolis. American Journal of Applied Chemistry, 2015, 3, 158.	0.3	4
8677	Bioactive phytochemicals and aging in <i>Caenorhabditis elegans</i> . Healthy Aging Research, 0, ,	0.3	1
8678	Biochemical Changes of Glutathione S-Transferase Activity During the Germination of <i>Trifolium alexandrinum</i> . American Journal of Life Sciences, 2015, 3, 257.	0.3	0
8679	Selective cytotoxicity and pro-apoptotic activity of stem bark of <i>Wrightia tinctoria</i> (Roxb.) R. Br. in cancerous cells. Pharmacognosy Magazine, 2015, 11, 481.	0.3	4
8680	Physiologic Behavioural Changes of Precancerous Leukoplakia Cell lines Exerted to Extremely Low Frequency Electric Field. JBR Journal of Interdisciplinary Medicine and Dental Science, 2015, 03, .	0.1	0
8681	The Gene Expression of Antioxidant Enzymes in Streptozotocin-Induced Experimental Diabetes in Rat Liver Tissue. Medicine Science, 2015, 4, 2834.	0.0	0
8682	QSAR of Antioxidants. Advances in Chemical and Materials Engineering Book Series, 2015, , 212-237.	0.2	0
8683	ANÁLISE FITOQUÍMICA E DETERMINAÇÃO DO DA CAPACIDADE ANTIOXIDANTE EM EXTRATOS DE Aniba canelilla (H.B.K.) MEZ. , 0, ,		2
8684	Effect of Starter Cultures on the Antioxidant Activities of <i>Allium hookeri</i> Root-Hot Water Extract. Korean Journal of Food and Cookery Science, 2015, 31, 98-102.	0.2	4
8685	Suçul Organizmalarda Aşevresel Aşartlara Karşı Geliştirilen Oksidatif Stres Mekanizmaları ve Adaptif Yanıtlar. Marmara Fen Bilimleri Dergisi, 2014, 26, 154.	0.2	2
8687	Antioxidant Activities Estimated by Different Measurements and Inhibitory Potential against Angiotensin Converting Enzyme of Protein Hydrolysates from Tea (<i>Camellia sinensis</i>) Seed Cake. Journal of Food and Nutrition Research (Newark, Del), 2015, 3, 169-175.	0.1	0

#	ARTICLE	IF	CITATIONS
8688	THE INFLUENCE OF HEXACYANOFERRATE (II) POTASSIUM-FERRIC (III) AS A RADIONUCLIDE SORBENT FED AT DIFFERENT DOSES ON CLINICAL, HEMATOLOGICAL AND PHYSIOLOGICAL PARAMETERS IN RATS. Sel'skokhozyaistvennaya Biologiya, 2015, 50, 237-244.	0.1	1
8689	Maternal Oxidant and Antioxidant Status in the Third Trimester of Gestation and its Relation to the Birthweight. Obstetrics & Gynecology an International Journal, 0, , 1-10.	0.0	0
8690	Etiopathogenesis of hypertension in pregnant women. Annales Academiae Medicae Silesiensis, 2015, 69, 69-75.	0.1	1
8691	Antioxidant and Antihypertensive Activities of Solvent Extract from Styela clava Tunic, Fishery Waste. Journal of Environmental Science International, 2015, 24, 917-925.	0.0	0
8692	EFFECT OF DIETARY SUPPLEMENTATION WITH AN ESSENTIAL OILS BLEND AND MANNAN OLIGOSACCHARIDE ON: 1- THE PRODUCTIVE PERFORMANCE OF GOLDEN MONTAZA LAYERS AT LATE FACE OF EGG PRODUCTION. Egyptian Journal of Nutrition and Feeds, 2015, 18, 277-291.	0.1	1
8693	Reactive oxygen species in disease: Rebuttal of a conventional concept. Journal of Controversies in Biomedical Research, 2015, 1, 23-27.	0.5	0
8694	Altered Expression of Oxidative Metabolism Related Genes in Cholangiocarcinomas. Asian Pacific Journal of Cancer Prevention, 2015, 16, 5875-5881.	0.5	4
8696	Nutraceuticals and Male Fertility: A Review. , 2015, , 531-556.		0
8697	Effect of hot water and ethanol extracts from Nelumbo nucifera Gaertner flower on lipid accumulation and reactive oxygen species (ROS) production in adipogenesis of 3T3-L1 cells. Korean Journal of Food Preservation, 2015, 22, 744-750.	0.2	1
8698	Changes in Phenolic Composition, Antioxidant and Antidiabetic Properties of Jeju Citrus sudachi as Influenced by Maturity. Journal of Life Science, 2015, 25, 1311-1318.	0.2	6
8699	The Effect of Tacrolimus on Reactive Oxygen Species and Total Antioxidant Status in Pancreatic Beta Cell Line. Experimental and Clinical Transplantation, 2015, 13, 510-5.	0.2	2
8700	DPPH• Free Radical Scavenging Activity of Coumarin Derivatives. In Silico and in Vitro Approach. , 0, , .		0
8701	Biomarkers of the Antioxidant Response: A Focus on Liver Carcinogenesis. Exposure and Health, 2016, , 1-24.	2.8	0
8702	Oxidative Stress and Infertility: A Possible Link to Exercise. , 2016, , 303-315.		1
8703	Reactive Oxygen Species. , 2016, , 3930-3935.		0
8704	The Effects of the Wild African Potato (Hypoxis hemerocallidea) Supplementation on Streptozotocin-Induced Diabetic Wistar Rats Reproductive Function. , 2016, 05, .		1
8705	Processing Stability of Antioxidant Protein Hydrolysates Extracted from Degreased Walnut Meal. International Journal of Electrical Energy, 2016, , .	0.4	0
8706	Antioxidant Trace Elements and Oxidative Stress Levels Associated with Pasteurellosis in Camel-Calves (Camelus dromedarius). Journal of Veterinary Science & Technology, 2016, 07, .	0.3	3

#	ARTICLE	IF	CITATIONS
8707	133p53 Functions to Maintain Redox Homeostasis in Response to Low ROS Stresses. <i>Single Cell Biology</i> , 2016, 05, .	0.2	0
8708	Energy Landscapes, Tunneling, and Non-adiabatic Effects. <i>Biological and Medical Physics Series</i> , 2016, , 159-177.	0.3	0
8709	Acute Diacetylmorphine (Heroin) Intoxication (Review). <i>Obshchaya Reanimatologiya</i> , 2016, 12, 64-81.	0.2	3
8710	Discussion on the tumor treatment of traditional chinese medicine¼Discover the new therapeutic strategy. <i>Integrative Cancer Science and Therapeutics</i> , 2016, 3, 447-449.	0.1	0
8711	Effects of Polygalae Radix on Brain Tissue Oxidative Damage and Neuronal Apoptosis in Hippocampus Induced by Cerebral Hypoperfusion in Rats. <i>The Korea Journal of Herbology</i> , 2016, 31, 7-15.	0.2	0
8712	Green Tropical Phytoextracts - Promising Anticancer Alternative. <i>Brazilian Archives of Biology and Technology</i> , 2016, 59, .	0.5	2
8713	Oxidative Stress and Pharmacokinetics of Pendimethalin in Female Rats. , 2016, 06, .		2
8714	Chapter 3. High-throughput Screening of Toxic Chemicals on Neural Stem Cells. <i>Issues in Toxicology</i> , 2016, , 31-63.	0.2	1
8715	Evaluation of the Level of Melatonin , Cortisol and IgA in Saliva of Patients with Oral Lichen Planus Lesions. <i>Journal of Baghdad College of Dentistry</i> , 2016, 28, 63-68.	0.1	1
8716	Hematopoietic Stem Cells. , 2016, , 111-143.		0
8717	Hot Water Extract of <i>Scutellaria baicalensis</i> Inhibits Migration, Invasion and Tube Formation in a Human Umbilical Vein Endothelial Cell Model and a Rat Aortic Ring Sprouting Model. <i>Journal of Life Science</i> , 2016, 26, 91-100.	0.2	0
8718	TROSATIVE STRESS PARAMETERS IN COLON CANCER TUMOR, ADJACENT AND HEALTHY TISSUE. <i>Acta Medica Medianae</i> , 2016, 55, 44-55.	0.0	0
8719	Hepatoprotective and Antioxidant Role of <i>Ziziphus jujuba</i> Leaves on Paracetamol Induced Hepatic Damage in Rats. <i>Journal of Diseases and Medicinal Plants</i> , 2016, 2, 1.	0.2	1
8720	<i>Coprinellus disseminatus</i> (Pers.) J.E. Lange 1938: In vitro antioxidant and antiproliferative effects. <i>Food and Feed Research</i> , 2016, 43, 93-101.	0.2	2
8721	The Disrupted Steady-State: Tipping the Balance in Favour of Cancer. , 2016, , 1-37.		0
8722	The Vitality of Tumor Cells and the ROS Emission after Treatment with Benzimidazole Substitutes and Somatostatin Analogs. <i>Zhong Liu Za Zhi</i> , 2016, 4, 415-418.	0.3	0
8723	Alcohol and Cognition. , 2016, , 79-96.		0
8724	Diabetes and Physical Activity. <i>Journal of Endocrinology and Diabetes</i> , 2016, 3, 01-12.	0.2	0

#	ARTICLE	IF	CITATIONS
8725	Mechanisms of biological activity of low-intensity radiofrequency radiation. <i>Visnik Nacional Noi Akademii Nauk Ukrai Ni</i> , 2016, , 73-86.	0.0	2
8726	Reactive oxygen radicals â€œ the therapeutic effectiveness of antioxidants. <i>Polish Hyperbaric Research</i> , 2016, 54, 41-48.	0.1	0
8727	Pyridoxine and Zanamivir Alter Levels of Dopamine in Brain of Rats with Induced Hyperglycemia by Inhibition of Oxidative Stress. <i>International Journal of Pharmacology</i> , 2016, 12, 161-168.	0.1	0
8728	Antioxidant Properties of Leaf, Twig and Calli Extracts of <i>Neolamarckia cadamba</i> (Roxb.) Bosser in Sri Lanka. <i>Research Journal of Medicinal Plant</i> , 2016, 10, 314-319.	0.3	0
8730	Comparative Study of Antioxidant Nature in Curry Patta, Garlic, Onion, Ginger and Turmeric Herbal Plants. <i>International Journal of Current Microbiology and Applied Sciences</i> , 2016, 5, 253-257.	0.0	0
8731	A Verification of Cosmetic Effect about Anti-oxidant and Anti-wrinkle of 11 Native Plants. <i>Journal of Life Science</i> , 2016, 26, 782-788.	0.2	0
8732	Antioxidant and Neuroprotective Effects of Green Tea Seed Shell Ethanol Extracts. <i>Journal of the Korean Society of Food Science and Nutrition</i> , 2016, 45, 958-965.	0.2	2
8733	The Study of Homocysteine and Its Relationship with Oxidative Stress Biomarkers in Alzheimerâ€™s Disease. <i>International Journal of Medical Science and Clinical Invention</i> , 0, , .	0.1	1
8734	Effect of Iron Enriched Bread Intake on the Oxidative Stress Indices in Male Wistar Rats. <i>Zahedan Journal of Researches in Medical Sciences</i> , 2016, 18, .	0.1	0
8735	Estimation of Levels of Non-Enzymatic Antioxidants In Saliva of Chronic Periodontitis Patients with Type 2 Diabetes Mellitus Before And After Phase 1 Periodontal Therapy- A Prospective Follow Up Study. <i>IOSR Journal of Dental and Medical Sciences</i> , 2016, 15, 71-77.	0.0	0
8737	Reduction of Dacarbazine cytogenetic effects on somatic cells in male mice using bee glue (Propolis) to manifest the scientific miracles in the Quran. <i>Electronic Physician</i> , 2016, 8, 3015-3023.	0.2	1
8738	Cutaneous Oxidative Stress and Aging. , 2017, , 651-676.		0
8739	Antioxidant, antimutagenic and antitumor activities of flavonoids from the seed shells of <i>Juglans mandshurica</i> . , 2016, , .		0
8740	Glycemic Index, Glycemic Load, and Cancer Prevention. , 2016, , 127-155.		0
8741	Effect of Sika Deer (<i>Cervus nippon</i>) Velvet Antler on Prostate-specific Antigen Levels and Migration of LNCaP Human Prostate Cancer Cells. <i>Asian Journal of Animal and Veterinary Advances</i> , 2016, 11, 665-674.	0.3	0
8742	Residue by elapsed time of non-enzymatic antioxidants in dentifrice. <i>Journal of Korean Society of Dental Hygiene</i> , 2016, 16, 783-790.	0.3	0
8743	An Evaluation of the Antioxidant Status and Antimicrobial Activity of the Methanol Extract of <i>Ocimum Gratissimum</i> . <i>IRA-International Journal of Applied Sciences (ISSN 2455-4499)</i> , 2016, 5, 40.	0.1	1
8744	Effects of pregnancy and disease stress on the antioxidative capacity of sheep and goat. <i>Journal of Experimental Biology and Agricultural Sciences</i> , 2016, 4, 605-609.	0.1	0

#	ARTICLE	IF	CITATIONS
8745	Association of Serum Vitamin D and Total Antioxidant Capacity Levels With Stress and Anxiety in Young females. Iranian Journal of Psychiatry and Behavioral Sciences, 2016, In Press, .	0.1	0
8746	COMPARATIVE STUDIES ON ANTIOXIDANT AND THROMBOLYTIC ACTIVITIES OF METHANOL AND ETHYLACETATE EXTRACTS OF TREMA ORIENTALIS. International Journal of Innovations in Biological and Chemical Science, 0, 9, 47-51.	0.0	2
8747	Humoral Factors in the Skin. , 2017, , 115-142.		0
8748	Protective Effect of PineXolÂ®on Hydrogen Peroxide-induced Apoptosis on SK-N-MC Cells and Focal Ischemia Rodent Models. The Korean Journal of Food and Nutrition, 2016, 29, 923-929.	0.3	0
8749	The Role of Smoking in the Development of Psoriatic Arthritis and Psoriasis. BolË¹, Sustavy, PozvonoÄnik, 2017, .	0.1	1
8750	QSAR of Antioxidants. , 2017, , 408-433.		0
8751	The Optimization of Natural Healing. , 2017, , 3-24.		0
8752	Biomarkers of the Antioxidant Response: A Focus on Liver Carcinogenesis. Biomarkers in Disease, 2017, , 785-808.	0.0	0
8753	Food in Health Preservation and Promotion. Advances in Environmental Engineering and Green Technologies Book Series, 2017, , 265-300.	0.3	6
8754	Influence of Electromagnetic Fields on Prooxidant/Antioxidant Balance in Rat Liver. Polish Journal of Environmental Studies, 2017, 26, 279-285.	0.6	2
8755	Biological Markers Associated Osteoarthritis. Medicine & Health, 2017, 12, 18-26.	0.2	0
8757	Antioxidant and Antifungal Activity of Naphthoquinones Dimeric Derived from Lawsone. Journal of Biosciences and Medicines, 2017, 05, 39-48.	0.1	8
8758	Ultra-High-Frequency Electromagnetic Radiation and Reactive Species in Mammals. , 2017, , 249-274.		0
8759	Electron Paramagnetic Resonance Spectroscopy to Evaluate the Radical Scavenging Activity of the Skin. , 2017, , 1523-1533.		0
8760	Investigation of some trace element levels (Zn, Fe, Mn, Mg, Cu, Cd, Co, Pb) in patients with burst fractures. Ulusal Travma Ve Acil Cerrahi Dergisi, 2017, 24, 244-248.	0.1	0
8761	Salvia spp.: An Updated on Antioxidant Activity and Pharmacological Uses. , 2017, , 151-177.		0
8762	Sulfur Mustard. , 2017, , 2683-2712.		1
8763	Evaluation of Antioxidant Activity of Aqueous Extracts of Palm Fruits (Elaeis guineensis). Asian Journal of Biochemistry, 2017, 12, 49-58.	0.5	1

#	ARTICLE	IF	CITATIONS
8764	Viscosupplementation for the treatment of osteoarthritis of the knee. <i>Annales Academiae Medicae Silesiensis</i> , 2017, 71, 38-45.	0.1	0
8765	Naringin, a Grape Fruit Bioflavonoid Protects Mice Bone Marrow Cells against the Doxorubicin-Induced Oxidative Stress. <i>SOJ Biochemistry</i> , 2017, 3, .	0.2	0
8766	ESTIMATION OF OXIDATIVE STRESS IN TYPE 2 DIABETIC PATIENTS. <i>Journal of Evolution of Medical and Dental Sciences</i> , 2017, 6, 1758-1762.	0.1	0
8767	The effect of calcium and magnesium supplementation on performance and bone strength of broiler chickens. <i>Potravinarstvo</i> , 2017, 11, 120-125.	0.5	2
8768	Effects of Extraction Methods on Antioxidative Properties of Carrot, Apples, and Blueberry Juices. <i>Culinary Science & Hospitality Research</i> , 2017, 23, 166-173.	0.1	0
8769	Effects of Extraction Methods on Antioxidative Properties of Carrot, Apples, and Blueberry Juices. <i>Culinary Science & Hospitality Research</i> , 2017, 23, 166-173.	0.1	3
8770	The Role of Resistin Level and Genetic Study for Patients with Hypercholesterolemia. <i>West Indian Medical Journal</i> , 0, , .	0.4	0
8771	Comparative Evaluation of Crude Extract Fractions of the Whole Plant of <i>Taxillus heyneanus</i> and <i>Dalechampia indica</i> for Antioxidant Activity, Total Phenolic and Flavonoid Content. <i>IOSR Journal of Pharmacy</i> , 2017, 07, 53-60.	0.1	0
8772	The Effect of <i>Scutellariae Radix</i> Combined with Metformin on Obesity-Relating Biomarker in High Fat Fed C57BL/6 Mice. <i>Journal of Korean Medicine for Obesity Research</i> , 2017, 17, 20-28.	0.7	2
8773	Serum 4-Hydroxy-2-nonenal and Induced Nitric Oxide Synthase in Hypertension Patient. <i>Oriental Journal of Physical Sciences</i> , 2017, 2, 29-33.	0.0	0
8774	Montelukast'ın karaciğer ve b'brekteki iskemi/reperf'azyon hasarına olan etkisi. <i>Turkish Journal of Clinics and Laboratory</i> , 0, , 1-1.	0.2	0
8775	Antioxidant and Anti-aging Effects of Extracts from Leaves of <i>Castanea crenata</i> Siebold & Zucc. in Human Dermal Fibroblast. <i>Han'gug Sigpum Wi'saeng Anjeonseong Haghoeji</i> , 2017, 32, 243-248.	0.1	3
8776	Comparative studies on the possible antioxidant properties of ethanolic seed extracts of <i>Cola nitida</i> (kola nut) and <i>Garcinia kola</i> (bitter kola) on hydrogen peroxide induced oxidative stress in rats. <i>Journal of Medicinal Plants Research</i> , 2017, 12, 367-372.	0.2	1
8777	Potential mechanisms for the antioxidant effects of <i>Jasonia montana</i> . <i>Scientific Journal of October 6 University</i> , 2017, 4, 1-8.	0.0	3
8778	Influence of Dietary Yeast Restriction on Pathological Changes in the Body of the Fruit Fly under High Consumption of Amylose Starch. <i>Ukrain'skij Őurnal Medicini B'olog' Ta Sportu</i> , 2017, 2, 148-154.	0.0	0
8779	Evaluation of Salivary Total Antioxidant Capacity in Smokers with Severe Chronic Periodontitis. <i>International Journal of High Risk Behaviors & Addiction</i> , 2017, In Press, .	0.1	1
8780	Effect of electroconvulsive therapy on the oxidative metabolism in major depressive disorder. <i>Őukurova Őniversitesi T'p Fak'ltesi Dergisi</i> , 0, , 564-564.	0.0	1
8782	T HE IMPACT OF MECHAN ISMS OF OXIDATIVE ST RESS ON THE DEVELPOMENT O F DIABETIC NEPHROPATHY IN TYPE 1 DIABETES. <i>Acta Medica Medianae</i> , 2017, 56, 94-100.	0.0	0

#	ARTICLE	IF	CITATIONS
8783	Protective Effects of <i>Thunbergia laurifolia</i> (Linn.) on Organophosphorous (chlorpyrifos)-Induced Cholinesterase Dysfunction. <i>Walailak Journal of Science and Technology</i> , 2018, 15, 569-578.	0.5	0
8784	Effects of Resistance Exercise Training on Antioxidant Enzyme and GLUT 8 Expression in Testes of Type 2 Diabetic Rats. <i>Exercise Science</i> , 2017, 26, 288-294.	0.1	1
8785	In Vitro Evaluation of Phenolics Content, Antioxidant and Antimicrobial Activities of Three <i>Centaurea L.</i> Species from Iran. <i>Pharmaceutical Sciences</i> , 2017, 23, 316-323.	0.1	1
8786	Changes in Antioxidant and Cancer Cell Growth Inhibitory Activities of <i>Spergularia marina</i> Griseb Extract according to Different Cooking Methods. <i>Korean Journal of Food and Cookery Science</i> , 2017, 33, 673-681.	0.2	2
8787	Investigation of Green Synthesized Silver Nanoparticles Using Aqueous Leaf Extract of <i>Artemisia Argyi</i> for Antioxidant and Antimicrobial Potentials. <i>International Journal of Pharmaceutical Quality Assurance</i> , 2017, 8, .	0.1	1
8788	Overcoming Stressful Experiences in Older Age. , 2018, , 215-220.		0
8789	A Risk Coefficient for Radiation-Induced Dementia. <i>Advances in Alzheimer's Disease</i> , 2018, 07, 13-35.	0.3	1
8790	ASCORBIC ACID ANTIOXIDANT ACTIVITY AS A CRITERION OF ADAPTATION ABILITIES OF PUPILS IN THE PROCESS OF PHYSICAL TRAINING AT BASIC SCHOOL. <i>Bulletin of Problems Biology and Medicine</i> , 2018, 4.3, 389.	0.0	0
8792	Comparison of Biochemical effects of glibenclamide and some trace elements on experimental diabetic rats. <i>Scientific Journal of October 6 University</i> , 2018, 4, 1-7.	0.0	1
8793	Quranic Verse No. 8 of Surat Al-Jumu'ah Leads us to Describe Cancer and Determine Its True Cause (Part-III). <i>CellBio</i> , 2018, 07, 35-49.	1.3	1
8794	Evaluation of Parenteral Antioxidant as a Protective Therapy Against Electromagnetic Radiation Produced by Cell Phones on Hematological and Biochemical Parameters in Rats. <i>Journal of Advanced Pharmacy Research</i> , 2018, .	0.1	0
8795	Weaning induces changes in behavior and stress indicators in young New Zealand rabbits. <i>Journal of Advanced Veterinary and Animal Research</i> , 2018, 5, 166.	0.5	7
8797	Oxidative modification of proteins in serum of rats under conditions of carrageenan-induced inflammation of a back limb and prolonged prophylactic administration of chondroitin sulfate. <i>Bulletin of Taras Shevchenko National University of Kyiv Series Biology</i> , 2018, 76, 62-65.	0.1	1
8798	Oxidative stress and post-stroke depression. <i>Trakia Journal of Sciences</i> , 2018, 16, 249-253.	0.0	2
8799	Progress in Pharmacological Effects of Berberine. <i>Journal of Comparative Chemistry</i> , 2018, 02, 125-133.	0.2	0
8800	Food in Health Preservation and Promotion. , 2018, , 392-426.		0
8801	Reactive Species Metabolism and Cytotoxicity of <i>Tribulus terrestris L.</i> Alkaloid Extracts in Leukemic Cell Line. <i>Indian Journal of Pharmaceutical Sciences</i> , 2018, 80, .	1.0	1
8802	The anti-oxidant, whitening and anti-wrinkle effects of <i>Castanea crenata</i> inner shell extracts processed by enzyme treatment and pressurized extraction. <i>Korean Journal of Food Preservation</i> , 2018, 25, 79-89.	0.2	1

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8803	THE EXPERIMENTAL STUDY OF THE PREVENTIVE TREATMENT WITH VIBURNUM SARGENTII K.AND ELEUTHEROCOCCUS ON THE COMPOSITION OF FATTY ACIDS IN PHOSPHOLIPID COMPONENTS OF ERYTHROCYTE MEMBRANES EXPOSED TO INTOXICATION WITH NITRIC OXIDES. <i>Gigiena I Sanitariia</i> , 2018, 97, 188-192.	0.1	0
8804	Correlation between reactive oxygen species and oral conditions in elderly individuals with hypertension: a preliminary study. <i>Dental Journal: Majalah Kedokteran Gigi</i> , 2017, 50, 111.	0.0	0
8805	Possible Influence of Oxidative Stress on Development of Raynaud Phenomenon in Patients With CREST Scleroderma Syndrome. <i>Serbian Journal of Dermatology and Venereology</i> , 2018, 10, 3-7.	0.2	1
8806	A Cellular Perspective on the Importance of Oxidative Stress Effects on Sperm. <i>Journal of Ardabil University of Medical Sciences</i> , 2018, 18, 7-20.	0.1	1
8807	Effect of Six Weeks of Swimming Training on Malondialdehyde and Superoxide Dismutase Levels in the Heart Tissue of Mice with Breast Cancer. <i>Medical Laboratory Journal</i> , 2018, 12, 24-29.	0.1	0
8808	Study on novel antibacterial and antiviral compounds from abalone as an important marine mollusc. <i>Journal of Aquaculture & Marine Biology</i> , 2018, 7, .	0.2	0
8809	Antioxidant and Ace Inhibitor Potential of Stripe Trevally Fish (<i>Selaroides leptolepis</i>) Hydrolysate. <i>Squalen Bulletin of Marine and Fisheries Postharvest and Biotechnology</i> , 2018, 13, 17.	0.2	3
8810	THE EXPERIMENTAL STUDY OF THE PREVENTIVE TREATMENT WITH VIBURNUM SARGENTII K. AND ELEUTHEROCOCCUS ON THE COMPOSITION OF FATTY ACIDS IN PHOSPHOLIPID COMPONENTS OF ERYTHROCYTE MEMBRANES EXPOSED TO INTOXICATION WITH NITRIC OXIDES. <i>Gigiena I Sanitariia</i> , 2018, 97, 399-404.	0.1	0
8811	ROS related enzyme levels and its association to molecular signaling pathway in the development of head and neck cancer. <i>Cellular and Molecular Biology</i> , 2018, 64, 24-29.	0.3	1
8812	<i>Pseudevernia furfuracea</i> (L.) Zopf Liken TÃ¼rÃ¼n Antibakteriyel Aktivitesi Ve Antioksidan Kapasitesinin AraÅıtmas. <i>Marmara Fen Bilimleri Dergisi</i> , 2018, 30, 189-194.	0.2	2
8813	Screening Effects of Methanol Extracts of The <i>Diplotaxis tenuifolia</i> and <i>Reseda lutea</i> on The Enzymatic Antioxidant Defense Systems and Aldose Reductase Activity. <i>Turkish Journal of Pharmaceutical Sciences</i> , 2018, 15, 97-102.	0.6	3
8814	Tramadol Biological Effects: â€¦: Effective Therapeutic Efficacy of <i>Lagenaria siceraria</i> Preparation (Gamal) Tj ETQq1 1 0.784314 rgBT /Ov Tramadol-Induced Male Mice. <i>Egyptian Academic Journal of Biological Sciences C Physiology and Molecular Biology</i> , 2018, 10, 99-124.	0.0	0
8815	Development of antioxidant based therapeutics in Unani system of medicine. <i>Journal of Cardiology & Current Research</i> , 2018, 11, .	0.1	0
8816	Age-related features of activity of free radical oxidation in erythrocyte membranes and blood plasma in postinfarction cardiosclerosis in rats. <i>Kazan Medical Journal</i> , 2018, 99, 629-634.	0.1	1
8817	Evaluation of the cytotoxic and membrane damaging effects of mountain tea (<i>Sideritis stricta</i> Boiss) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 <i>Journal</i> , 2018, 43, 669-677.	0.1	2
8818	Chemical Investigations and Optimization Studies on <i>Aspergillus terreus</i> -18 Showing Antioxidant Activity. <i>Egyptian Journal of Chemistry</i> , 2018, .	0.1	2
8820	The Level of Activity of Key Antioxidant Enzymes in Lymphoma and Liver Cells Under the Effect of New Thiazole Derivative. <i>Experimental and Clinical Physiology and Biochemistry</i> , 2018, 2018, 38-42.	0.2	0
8821	A Comparison of Thiol/Disulphide Levels of Workers in Operating Rooms and Emergency Healthcare Centers. <i>Acta Medica</i> , 2018, 49, 1.	0.0	0

#	ARTICLE	IF	CITATIONS
8823	Assessment of environmental and pollution level in water and insect's fauna of freshwater habitat. Journal of Bioscience and Applied Research, 2018, 4, 313-330.	0.1	0
8824	Effect of a Single Session of Combined Training Along with Garlic Extract Supplementation on Oxidative Stress Biomarkers in Professional Girl Swimmers. PizhÅ«hish-i SalĀmat, 2018, 3, 263-270.	0.2	0
8825	Electron Spin Resonance (ESR) Study of Human Blood and Its Interaction with Magnetite Nanoparticles. , 2019, , 1-22.		1
8826	Screening for Minerals and Anti-minerals Composition of Gongronema latifolium (Utasi) Leaf. Asian Journal of Chemical Sciences, 2018, 4, 1-8.	0.4	1
8827	Antioxidant capacity of Melissa Officinalis L. on Biological Systems. Ectetica Quimica, 2018, 43, 19.	0.2	3
8828	Possibilities to Limit the Values of Clinical and Biochemical Parameters in Experimental Arterial Hypertension. , 0, , .		0
8829	Free Radicals: The types generated in biological system. MOJ Cell Science & Report, 2018, 5, .	0.1	0
8830	The protective effect of carnosine on kidneys of albino rats in methotrexate induced oxidative injury. The Egyptian Journal of Forensic Sciences and Applied Toxicology, 2018, 18, 95-113.	0.1	0
8831	Anti-Oxidative and Anti-Neuroinflammatory Effect of Ethanol Extracts from Walnuts's (Juglans regia) Tj ETQqO 0 0 rgBT /Overlock 10 TF 5	0.0	0
8832	AKTIVITAS ANTIOKSIDAN DAN ANTIHIPERKOLESTEROLEMIA IN VITRO DARI CAMPURAN EKSTRAK ANGKAK DAN BEKATUL. Jurnal Teknologi Dan Industri Pangan, 2018, 29, 145-154.	0.1	3
8833	Pengaruh Radikal Bebas Terhadap Proses Inflamasi pada Penyakit Paru Obstruktif Kronis (PPOK). Amerta Nutrition, 2018, 2, 317.	0.1	4
8834	An Insight into Biotechnological Approaches Used for the Improvement of Secondary Metabolites from the Medicinal Aquatic Plant, Water Hyssop (Bacopa monnieri L.). , 2019, , 123-152.		4
8835	Roles of Nutraceuticals and Functional Food in Prevention of Cardiovascular Disease. Health Information Systems and the Advancement of Medical Practice in Developing Countries, 2019, , 126-165.	0.1	2
8836	Protective Effects of Antioxidants on Kidney Disease. Experimental Techniques in Urology & Nephrology, 2019, 2, .	0.0	0
8837	Anxiolytic Effects of the Methanolic Extract of <i>Bacopa monniera</i> in Mice. Pharmacology & Pharmacy, 2019, 10, 298-308.	0.2	2
8838	Aktivitas Antioksidan Ekstrak Etanol dan Fraksi Etil Asetat Daun Kemangi (Ocimum basilicum L.) dengan Metode Fosfomolibdat. Jurnal Farmasi Dan Ilmu Kefarmasian Indonesia, 2019, 4, 67.	0.0	0
8839	Detection of S-Nitrosation and S-Glutathionylation of the Human Branched-Chain Aminotransferase Proteins. Methods in Molecular Biology, 2019, 1990, 71-84.	0.4	1
8840	CNTF and Nrf2 are Co-ordinately Involved in Regulating Self-Renewal and Differentiation of Neural Stem Cell During Embryonic Neural Development. SSRN Electronic Journal, 0, , .	0.4	0

#	ARTICLE	IF	CITATIONS
8859	Hepatic protective effect of dexmedetomidine after partial hepatectomy surgery: A prospective controlled study. <i>Anesthesia: Essays and Researches</i> , 2019, 13, 132.	0.2	4
8860	Role of Chemical Exposure in Oxidant-Mediated Lung Diseases. , 2019, , 171-183.		0
8861	Development of Predictive Antioxidant Models for 1,3,4-Oxadiazoles by Quantitative Structure Activity Relationship. <i>Journal of the Turkish Chemical Society, Section A: Chemistry</i> , 2019, 6, 103-114.	0.4	4
8863	Biochemical Changes Followed Experimental Respiratory Distress by Benzene Vapours. <i>Biomedical and Pharmacology Journal</i> , 2019, 12, 403-409.	0.2	0
8864	The Effect of Long Term Administration of Aspartame on the Sciatic nerve of adult male albino rats and the Possible Therapeutic Role of Ozone (Histological and Biochemical Study). <i>Egyptian Journal of Histology</i> , 2019, 42, 191-201.	0.0	5
8865	Antioxidant Activities of Asparagus adscendens Root Ethanolic Extract and Fractions Using in vitro Models. <i>Trends in Applied Sciences Research</i> , 2019, 14, 199-204.	0.4	2
8866	Seroprevalence of Sarcoptes scabiei var suis infestation in swine population and its effect on haemato-biochemical and oxidative stress indices and its management with special reference to herbal ointmen. <i>Indian Journal of Animal Research</i> , 2019, , .	0.0	0
8867	Effects of Fructus Amomi Amari, Eucommiae Cortex, Bombyx Batryticatus Extract on Improving Symptoms of Late-onset Hypogonadism. <i>Journal of Physiology & Pathology in Korean Medicine</i> , 2019, 33, 89-101.	0.2	2
8868	Proximate Nutrient Composition and Antioxidant Properties of Pleurotus sapidus 969 Cultivated on Agave sisalana Saline Solid Waste. <i>Journal of Applied Life Sciences International</i> , 0, , 1-13.	0.2	2
8869	Synthesis and Biological Evaluation of Some Novel 2-Pyrazinoic Acidderived Esters. <i>Letters in Organic Chemistry</i> , 2019, 16, 424-429.	0.2	1
8871	Effect of Fennel and Dill Seeds on Serum Lipid Profiles of Rats Feeding High Fat Diet. , 2019, 2019, 57-77.	0.0	0
8872	Oxidant-Antioxidant balance in patients with coronary slow flow. <i>Pakistan Journal of Medical Sciences</i> , 2019, 35, 786-792.	0.3	4
8873	ANTIOXIDANT ENZYMES ACTIVITY IN EXPERIMENTAL ISCHEMIA-REPERFUSION INJURY. <i>International Journal of Medicine and Medical Research</i> , 2019, 5, 84-90.	0.0	1
8875	The role of oxidation-reduction mechanisms in pathogenesis of thyroid orbitopathy. <i>Annales Academiae Medicae Silesiensis</i> , 2019, 73, 150-153.	0.1	0
8876	The Protozoan Tetrahymena: Cellular Model for Biological Studies. <i>Annual Research & Review in Biology</i> , 0, , 1-12.	0.4	0
8877	Quercetin Does Not Alter Erythrocyte Osmotic Fragility in Female, Sprague Dawley Rats Fed a High-fructose, High-cholesterol Diet. <i>Journal of Biological Sciences</i> , 2019, 19, 347-353.	0.1	0
8878	Blood Failure: Pathophysiology and Diagnosis. , 2020, , 41-65.		0
8879	Combination Effect of Voluntary Exercise and Garlic (Allium sativum) on Oxidative Stress Biomarkers and Lipid Profile in Healthy Rats. <i>Pharmaceutical Sciences</i> , 2019, 25, 268-273.	0.1	2

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8880	Estudio cinético de la reacción entre el 3,4-Dihidroxibenzaldehído y el radical hidroperoxilo en disolución: Un enfoque teórico. <i>Avances En Ciencias E Ingenierías</i> , 2019, 11, .	0.1	0
8881	Induction of oxidative/nitrosative stress following Tc-99m pertechnetate thyroid scintigraphy in human. <i>Cumhuriyet Medical Journal</i> , 0, .	0.1	1
8882	Aqueous Extract of <i>Sorindeia Juglandifolia</i> Leaves Protects Methotrexate-Induced Liver and Kidney Damage in Rat. <i>Trends Journal of Sciences Research</i> , 2019, 4, 127-140.	0.0	2
8883	Синтез, антимикробная и β -лактамазная ингибирующая активность некоторых новых тетразолов, содержащих малеимидные и фталеимидные группы. <i>Вестник Воронежского государственного университета химии и опасных веществ</i> , 2019, 4, 166-173.	0.1	0
8884	Synthesis, Antimicrobial and β -Lactamase Enzyme Inhibition Activity of Some New Tetrazole Containing Maleamic and Phthaleamic Acid Derivatives. <i>Asian Journal of Organic & Medicinal Chemistry</i> , 2019, 4, 166-173.	0.1	0
8885	Tissue-specific transcriptional regulation of epithelial/endothelial and mesenchymal markers during renovascular hypertension. <i>Molecular Medicine Reports</i> , 2019, 20, 4467-4476.	1.1	2
8886	Interplay between Erythrocyte Peroxidases and Membrane. , 0, .		2
8887	A Study of the Antioxidative and Radioprotective Properties of Isobornylphenols during X-Ray Irradiation at a Low Dose. <i>Biophysics (Russian Federation)</i> , 2019, 64, 984-990.	0.2	2
8888	Status of the Antioxidant System in Rats under the Conditions of Dimethylhydrazine-Induced Changes orogenesis and Application of Citostatic Therapy. <i>Experimental and Clinical Physiology and Biochemistry</i> , 2019, 2019, 30-36.	0.2	0
8889	TRP Channels, Oxidative Stress and Chronic Obstructive Pulmonary Disease. , 2020, , 223-243.		1
8890	Antioxidant Supplements and Oxidative Stress: The debate extends to the Middle East. <i>Sultan Qaboos University Medical Journal</i> , 2019, 19, 177.	0.3	0
8891	Cardioprotective Effect of Zinc Oxide Nanoparticles/Green Tea Extract Complex on Monosodium Glutamate Toxicity. , 2019, , 1-5.		3
8892	Protective Effects of Dexmedetomidine and Oxycodone in Patients Undergoing Limb Ischemia-Reperfusion. <i>Medical Science Monitor</i> , 2019, 25, 9073-9084.	0.5	3
8893	<i>Oryctes rhinoceros</i> larva oil supplementation improves tissue antioxidant status in cholesterol-fed rats. <i>Potravinarstvo</i> , 2019, 13, 815-822.	0.5	0
8894	Mechanistic Insights into Aspartame-induced Immune Dysregulation. <i>Current Nutrition and Food Science</i> , 2019, 15, 653-661.	0.3	0
8896	The Effect of Gender on Brain Tissue Changes Induced by Renal Ischemia-Reperfusion Injury in Adult Rats. <i>International Electronic Journal of Medicine</i> , 2019, 8, 113-118.	0.1	1
8897	Assessment of Bioactive Compositions of Selected Plants Used in Managing Hypertension Conditions in Osun State, Nigeria. <i>Research Journal of Medicinal Plant</i> , 2019, 14, 35-42.	0.3	1
8898	Isolation and Characterization of Volatile Oil by Gc-Ms Analysis and Screening of In Vitro Antioxidant Potential of Hydroalcoholic Extracts of Some Indigenous Plants of Northern India in Rodents. <i>Biomedical and Pharmacology Journal</i> , 2019, 12, 1867-1880.	0.2	1

#	ARTICLE	IF	CITATIONS
8899	Rescue effects of prenatal melatonin administration against bisphenol A- induced perturbations of reproductive and thyroid activities in male rat offsprings. <i>Journal of Veterinary Medical Research</i> , 2019, 26, 214-234.	0.2	1
8900	Radical Scavenging Effects of 10 Plant Essential Oils and Active Compound Screening Analysis. <i>Korean Journal of Medicinal Crop Science</i> , 2019, 27, 427-435.	0.1	3
8901	The effects of 8 weeks aerobic training and intermittent hypoxia on lipid peroxidation and total antioxidant capacity in male Westar rats. <i>Medical Journal of Tabriz University of Medical Sciences & Health Services</i> , 2019, 41, 67-74.	0.1	0
8902	The Precautionary Role of Nigella Sativa Oil in Methimazole Associated Toxicity on the Structure of Spleen in Adult Male Albino Rats: Histological, Hematological and Morphometric Study. <i>Journal of Medical Histology</i> , 2019, 3, 181-191.	0.1	0
8903	Mekanisme yang Terlibat dalam Terapi Oksigen Hiperbarik: theoritical review hyperbaric oxygen therapy/HBOT. <i>Health Information: Jurnal Penelitian</i> , 2020, 11, 180-202.	0.3	0
8904	Potential of The Red Dragon Fruit (<i>Hylocereus polyrhizus</i>) as an Antioxidant in Strenuous Exercise. <i>Biotechnology</i> , 2019, 19, 18-22.	0.5	0
8905	Evaluating the Effects of Chronic Administration of Natural Honey on the Development of Dependence on Morphine in the Male Rats. <i>Pharmaceutical Sciences</i> , 2019, 25, 287-293.	0.1	0
8906	Reactive oxygen species : A key hallmark of cardiovascular disease. <i>Flora and Fauna</i> , 2019, 25, .	0.1	0
8907	Synthesis of B-ring-fluorinated ($\hat{\alpha}$)-epicatechin gallate derivatives. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 4024-4028.	1.5	0
8908	Nanoparticles: A Boon to Target Mitochondrial Diseases. , 2020, , 263-274.		0
8909	ANTIOXIDANT SYSTEM ACTIVITY IN LIVER OF RATS UNDER CONDITIONS OF ACUTE HEPATITIS DURING CORRECTION WITH ANTIOXIDANT COMPLEXES. <i>Visnyk L'vivs'koho Universytetu Serii Biologichna</i> , 2020, , 12-20.	0.0	4
8910	Grapes. , 2020, , 695-708.		0
8911	A Hierarchy of Healing. , 2020, , 11-24.e4.		0
8912	Nanomaterials and Reactive Oxygen Species (ROS). , 2020, , 361-387.		2
8913	Jamun. , 2020, , 615-637.		5
8914	Protective Effect of Corni Fructus Extracts on MIA-induced Animal Model of Osteoarthritis: Effect of Corni Fructus Extracts on OA. <i>The Journal of Internal Korean Medicine</i> , 2020, 41, 1-13.	0.0	2
8915	Assessment of in-vitro Antioxidant/Enzymes Inhibitory Potentials of Aframomum melegueta [Roscoe] K. Schum (Grains of Paradise) Leaf, Stem Bark, Seed Bark and Seed Extracts. <i>Archives of Current Research International</i> , 0, , 40-57.	0.2	2
8916	Influence of vitamins on the prooxidant-antioxidant homeostasis in boars under the conditions of heat stress. <i>Ukrainian Journal of Veterinary and Agricultural Sciences</i> , 2020, 3, 30-35.	0.1	1

#	ARTICLE	IF	CITATIONS
8917	Free radical scavenging ability of sodium lignosulfonate and its application in food grade polypropylene. Polish Journal of Chemical Technology, 2020, 22, 56-66.	0.3	2
8918	Free radical scavenging ability of sodium lignosulfonate and its application in food grade polypropylene. Polish Journal of Chemical Technology, 2020, 22, 56-66.	0.3	2
8919	The effectiveness of military physical exercise on irisin concentrations and oxidative stress among male healthy volunteers. Hormone Molecular Biology and Clinical Investigation, 2020, 41, .	0.3	3
8920	Associations between Dietary Total Antioxidant Capacity and Risk of Nonalcoholic Fatty Liver Disease (NAFLD) in Adults: A Case-Control Study. Nutrition and Food Sciences Research, 2020, 7, 1-7.	0.3	1
8921	Medium and time conservation affect follicular morphology and superoxide dismutase enzyme activity of bovine preantral follicles during storage at 4°C. Semina:Ciencias Agrarias, 2020, 41, 1227.	0.1	0
8922	Evaluation of antimicrobial, antioxidant and cytotoxic properties of bioactive compounds produced from endophytic fungi of Himalayan yew (Taxus wallichiana) in Nepal. F1000Research, 2020, 9, 379.	0.8	7
8923	Experimental and modeling study of water defluoridation using waste granular brick in a continuous up-flow fixed bed. Environmental Engineering Research, 2021, 26, 190506-0.	1.5	5
8924	Methane Alleviates Inflammation and Apoptosis of Dextran Sulfate Sodium-Induced Inflammatory Bowel Diseases by Inhibiting Toll-Like Receptor 4 (TLR4)/Myeloid Differentiation Factor 88 (MyD88)/Nuclear Translocation of Nuclear Factor- κ B (NF- κ B) and Endoplasmic Reticulum Stress Pathways in Mice. Medical Science Monitor, 2020, 26, e922248.	0.5	6
8925	Three Day Environmental Exposure May Trigger Oxidative Stress Development and Provoke Adaptive Response Resulting in Altered Antioxidant Activity. Iranian Journal of Public Health, 0, .	0.3	0
8926	A Comparative Study of Different Solvents on the Toxic and Antioxidant Properties of Digitalis ferruginea L. subsp. ferruginea. Adıyaman University Journal of Science, 0, , 133-145.	0.0	0
8927	Crosstalk between oxidative stress and ocular diseases. Journal of Clinical Research and Ophthalmology, 2020, 7, 037-047.	0.1	2
8928	ANTIOXIDANT, ANTIMICROBIAL AND ANTI-PROLIFERATIVE ACTIVITY OF SUILLUS LUTEUS (L.) ROUSSEL EXTRACTS. Ankara Universitesi Eczacilik Fakultesi Dergisi, 0, , 373-387.	0.2	3
8929	Chemical composition of Tithonia diversifolia (Hemsl.) A. Gray (Asteraceae) and diversity of uses in rural areas. ECORFAN Journal-Ecuador, 0, , 23-33.	0.0	0
8930	Determinación de la actividad tóxica de extractos optimizados de Palmaria y Porphyra para el tratamiento de la lesión por isquemia/reperfusión. Nereis, 2020, , 109-125.	0.1	0
8931	Protective Effect of Protocatechuic Acid, Phenolic Compound of Momordica Charantia, against Oxidative Stress and Neuroinflammation in C6 Glial Cell. Journal of Korean Medicine for Obesity Research, 2020, 20, 10-19.	0.7	1
8932	Effect of ascorbic acid, α -tocopherol and its combination on human umbilical vein endothelial cells permeability exposed to high concentration of glucose. Russian Open Medical Journal, 2020, 9, .	0.1	0
8933	Anti-toxicant Properties of Saffron and Relevance to Protection from Toxins and Drugs. Current Bioactive Compounds, 2020, 16, 265-283.	0.2	0
8935	A Photodynamic Tool to Promote a Sustained, ROS-Dependent Growth of Human Hair Follicles in Ex Vivo Culture. Methods in Molecular Biology, 2021, 2202, 51-61.	0.4	1

#	ARTICLE	IF	CITATIONS
8936	Kronik Ğmmobilizasyon Stresine Maruz BĞrakĞlan Ratlarda Fluoksetin ve Gundelia tournefortii L. Bitki Ekstresinin; Anksiyete, Motor Aktivite, BĞbrek ve KaraciĞer DokularĞ Ğœzerine Etkisinin Belirlenmesi. Erciyes Ğeniversitesi Veteriner FakĞltesi Dergisi, 2020, 17, 138-148.	0.1	1
8937	IN VITRO ANTIOXIDANT ACTIVITY STUDIES OF AQUEOUS- AND FREEZE-DRIED FRUIT EXTRACT OF RHUS CHINENSIS AND JUICE OF CITRUS MACROPTERA, THEIR COMPARATIVE STUDIES. Asian Journal of Pharmaceutical and Clinical Research, 0, , 106-109.	0.3	1
8938	Pregnancy Outcome in Female Rats Exposed to Bispyribac Sodium and Ameliorative Effect of Nigella Sativa Oil. Egyptian Academic Journal of Biological Sciences F Toxicology & Pest Control, 2020, 12, 97-108.	0.1	0
8939	Discovery of New N-hydrazinecarbothioamide Indazole Hybrids: As Potential Radical (ABTS and DPPH) Scavengers. Letters in Drug Design and Discovery, 2020, 17, 1177-1185.	0.4	4
8940	The effects of herbal medicines on cancer therapyĞinducedĞ oral mucositis: A literature review. Phytotherapy Research, 2022, 36, 243-265.	2.8	4
8941	Dexmedetomidine Attenuates Hypoxia/Reoxygenation Injury of H9C2 Myocardial Cells by Upregulating miR-146a Expression via the MAPK Signal Pathway. Pharmacology, 2022, 107, 14-27.	0.9	5
8942	Crystallographic study, biological evaluation and DFT/POM/Docking analyses of pyrazole linked amide conjugates: Identification of antimicrobial and antitumor pharmacophore sites. Journal of Molecular Structure, 2022, 1252, 131818.	1.8	17
8943	Development of an AchillesTAG degradation system and its application to control CAR-T activity. Current Research in Chemical Biology, 2021, 1, 100010.	1.4	8
8944	Comparative study of the antioxidant activity of the essential oils of five plants against the H ₂ O ₂ induced stress in <i>Saccharomyces cerevisiae</i> . Saudi Journal of Biological Sciences, 2022, 29, 1842-1852.	1.8	8
8945	Potentiating the Benefits of Melatonin through Chemical Functionalization: Possible Impact on Multifactorial Neurodegenerative Disorders. International Journal of Molecular Sciences, 2021, 22, 11584.	1.8	5
8946	AntiĞinflammatory activity of cyanidinĞglucoside and cyanidinĞglucoside liposomes in THPĞ1 macrophages. Food Science and Nutrition, 2021, 9, 6480-6491.	1.5	5
8947	Antioxidant response to severe hypoxia in Brandt's vole <i>Lasiopodomys brandtii</i> . Integrative Zoology, 2021, , .	1.3	5
8948	Polyphenols Targeting MAPK Mediated Oxidative Stress and Inflammation in Rheumatoid Arthritis. Molecules, 2021, 26, 6570.	1.7	60
8949	Peucedanum japonicum Thunberg and Its Active Components Mitigate Oxidative Stress, Inflammation and Apoptosis after Urban Particulate Matter-Induced Ocular Surface Damage. Antioxidants, 2021, 10, 1717.	2.2	7
8950	Dietary manganese levels influence growth, manganese bioaccumulation and expression of genes involved in antioxidant response of swimming crab (<i>Portunus trituberculatus</i>). Aquaculture Nutrition, 2021, 27, 2600-2611.	1.1	2
8951	Association of Novel Single Nucleotide Polymorphisms of Genes Involved in Cell Functions with Male Infertility: A Study of Male Cases in Northwest Iran. Journal of Reproduction and Infertility, 2021, 22, 258-266.	1.0	2
8952	Chemical composition, antioxidant, and anticholine esterase activities of essential oil of <i>Xylopiya aethiopica</i> seeds. Pharmacognosy Research (discontinued), 2020, 12, 112.	0.3	5
8953	Biodiversity, Conservation and Medicinal Uses of Seaweeds: The Glimpses. , 2020, , 21-32.		1

#	ARTICLE	IF	CITATIONS
8954	Proteasomal system related stress response in different cancer cell lines. <i>Clinical and Experimental Health Sciences</i> , 0, , .	0.1	0
8955	L-carnitine and l-acetylcarnitine supplementation for idiopathic male infertility. <i>Reproduction and Fertility</i> , 2020, 1, 67-81.	0.6	8
8956	A pharmacological audit and advancement on the recent trend of research on <i>Ficus benghalensis</i> L. including its in vitro hepatoprotective activity. <i>Clinical Phytoscience</i> , 2020, 6, .	0.8	5
8957	Modern Problems of Antibiotic Therapy in Ophthalmology and the Perspective Ways of Solution. Literature Review. <i>Oftalmologiya</i> , 2020, 17, 683-691.	0.2	0
8958	Evaluation of Phytochemical, Antioxidant and Reducing Activity in Whole Plant Extract of <i>Andrographis paniculata</i> (Burm.f.) Wall. ex Nees. <i>Bioscience Biotechnology Research Communications</i> , 2020, 13, 2365-2373.	0.1	0
8959	Free radical scavenging activity and protective effect of three glycyrrhizavarieties against hydrogen peroxide-induced oxidative stress in C6 glial cells. <i>Journal of Applied Biological Chemistry</i> , 2020, 63, 327-334.	0.2	0
8960	Correlation of lipid and glycaemic profile with oxidative stress in the elderly with or without nontransmissible chronic diseases. <i>Research, Society and Development</i> , 2020, 9, e25491210980.	0.0	0
8961	The Role of Eryptosis in the Pathogenesis of Renal Anemia: Insights From Basic Research and Mathematical Modeling. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 598148.	1.8	15
8962	Antioxidative Effects of Nanocurcumin and Curcumin Against Aluminum Phosphide-induced Serum Oxidative Stress. <i>Avicenna Journal of Medical Biochemistry</i> , 2020, 8, 53-57.	0.5	0
8963	The Role of Phytochemicals in Cancer Prevention and Cure. <i>Advanced Structured Materials</i> , 2021, , 127-150.	0.3	0
8964	Effect of Dietary Methionine Deficiency Followed by a Re-Feeding Phase on the Hepatic Antioxidant Activities of Lambs. <i>Animals</i> , 2021, 11, 7.	1.0	2
8965	Colorimetric determination of radical scavenging activity of antioxidants using Fe ₃ O ₄ magnetic nanoparticles. <i>Arabian Journal of Chemistry</i> , 2022, 15, 103475.	2.3	8
8966	Novel palladium (II) complexes with iminocoumarin ligands: Synthesis, characterisation, electrochemical behaviour, DFT calculations and biological activities, ADMET study and molecular docking. <i>Inorganica Chimica Acta</i> , 2022, 529, 120659.	1.2	18
8967	Rare earth-based materials for bone regeneration: Breakthroughs and advantages. <i>Coordination Chemistry Reviews</i> , 2022, 450, 214236.	9.5	23
8968	Red emission nitrogen and zinc co-doped carbon dots as fluorescent sensor for reversible detection of peroxynitrite in living cells. <i>Sensors and Actuators B: Chemical</i> , 2022, 351, 130939.	4.0	14
8969	The mitochondrial activity of leukocytes from <i>Artibeus jamaicensis</i> bats remains unaltered after several weeks of flying restriction. <i>Developmental and Comparative Immunology</i> , 2022, 127, 104303.	1.0	0
8970	The effect of oxidized fish oil on antioxidant ability, histology and transcriptome in intestine of the juvenile hybrid grouper (<i>Epinephelus fuscoguttatus</i> × <i>Epinephelus lanceolatus</i>). <i>Aquaculture Reports</i> , 2022, 22, 100921.	0.7	5
8971	Catalase immunoexpression in colorectal lesions. <i>Przegląd Gastroenterologiczny</i> , 2020, 15, 330-337.	0.3	2

#	ARTICLE	IF	CITATIONS
8972	Evaluation of the effects of hair colouring products on the oxidative status in rats. <i>Postepy Dermatologii i Alergologii</i> , 2020, 37, 766-770.	0.4	1
8973	The cellular activities of the subfraction of red onion peel crude ethanolic extract in MDA-MB-231 cells. <i>Pharmacognosy Research (discontinued)</i> , 2020, 12, 416.	0.3	3
8974	Molecular Mechanisms of Nrf2 in Inflammation: Interactions Between Nrf2 and Inflammatory Mediators. <i>Agents and Actions Supplements</i> , 2020, , 1-21.	0.2	0
8975	Effect of poly herbal formulation "Karisalai chooranam" against detrimental effects of psychological stress. <i>Pharmacognosy Magazine</i> , 2020, 16, 315.	0.3	1
8978	The role of oxidative stress and antioxidant defence system in periodontitis. <i>Medicinski Casopis</i> , 2020, 54, 75-82.	0.1	1
8979	Antioxidants Use and Sperm DNA Damage. , 2020, , 577-592.		0
8980	Improvement Testing Strategy for Aligning Nanomaterial Safety Assessments and Oxidative Stress Responses. <i>Nanomedicine and Nanotoxicology</i> , 2020, , 521-556.	0.1	0
8981	Pro-oxidant and pro-inflammatory Micro-RNAS profile as a risk factor for postoperative atrial fibrillation. <i>Journal of Clinical and Molecular Medicine</i> , 2020, 3, .	0.4	0
8982	Limonin: A triterpenoid exerts protective effect during lipopolysaccharide stimulated inflammation in BV2 microglial cells. <i>Pharmacognosy Magazine</i> , 2020, 16, 864.	0.3	2
8983	Super power of antioxidant in oxidative stress and Diabetes Mellitus. <i>Diabetes Updates</i> , 2020, 6, .	0.0	0
8984	Harmful Effects of Antioxidant Therapy. , 2020, , 845-854.		2
8985	ANTIMICROBIAL ACTIVITY OF CHAMOMILE FLOWERS ESSENTIAL OIL (MATRICARIA CHAMOMILLA L.). <i>Natural Resources and Sustainable Development</i> , 2020, 10, 1-9.	0.1	0
8986	Cerebral ischemia in diabetics and oxidative stress. , 2020, , 59-68.		0
8987	Nanotoxicity, Cytotoxicity, and Genotoxicity Mechanisms of Nanomaterials. <i>Nanomedicine and Nanotoxicology</i> , 2020, , 47-98.	0.1	0
8988	Evaluation of plasma trace elements and oxidant/antioxidant status in Boerboel dogs with hip dysplasia. <i>Bulgarian Journal of Veterinary Medicine</i> , 2020, 23, 237-247.	0.1	0
8989	Fluorescence Analysis of Reactive Oxygen Species (ROS) in Cellular Models of Cerebral Cavernous Malformation Disease. <i>Methods in Molecular Biology</i> , 2020, 2152, 451-465.	0.4	1
8990	Lemongrass. , 2020, , 75-103.		2
8991	Sodium Valproate and Levetiracetam Treatment in Children: Their Effects on Serum Paraoxonase/ Arylesterase Activities. <i>Techniques in Neurosurgery & Neurology</i> , 2020, 3, .	0.0	0

#	ARTICLE	IF	CITATIONS
8992	Profile of Biochemical and Oxidative Stress Markers in Male Athletes Following Strenuous Exercise Session. <i>Asian Journal of Medicine and Health</i> , 0, , 1-10.	0.1	0
8993	Lipid Peroxidation Activity and Phytochemical Constituents of Extract of Groundnut Peels. <i>Journal of Applied Life Sciences International</i> , 0, , 16-22.	0.2	0
8994	Effective fraction of <i>Teucrium polium</i> suppressed polyol pathway through inhibiting the aldose reductase enzyme: strategy to reduce retinopathy. <i>Journal of Medicinal Plants</i> , 2020, 1, 82-90.	0.3	0
8995	Tiyol / Disulfid dengesinin değerlendirilmesi Şocuklarda apandisitini ayırtmada yardımcı olabilir mi?. <i>Turkish Journal of Pediatric Disease</i> , 0, , 1-8.	0.0	0
8996	Can an ABTS Antioxidant Test Be Performed without a Spectrophotometer?. <i>Cumhuriyet Science Journal</i> , 2020, 41, 185-192.	0.1	0
8998	Structural changes of serum albumin in response to oxidative stress caused by Walker-256 carcinosarcoma growth. <i>Experimental Oncology</i> , 2020, 42, 40-45.	0.4	0
8999	An Insight of Vitamin E as Neuroprotective Agents. <i>Bulletin of the Geological Society of Malaysia</i> , 2020, 3, .	0.5	2
9000	OXIDATIVE STRESS AND MITOCHONDRIAL DYSFUNCTION. <i>News of the National Academy of Sciences of the Republic of Kazakhstan Series of Biological and Medical</i> , 2020, 2, 31-40.	0.0	0
9001	Human Exposure to Potentially Toxic Elements from the Consumption of Soybean Beverages Commercialized in Spain. <i>Journal of Food Protection</i> , 2021, 84, 932-937.	0.8	2
9002	The Effect of Glutathione on The Quality of Aceh Local Catfish (<i>Clarias gariepinus</i>) Spermatozoa After Cryopreservation. <i>Biosaintifika: Journal of Biology & Biology Education</i> , 2020, 12, 125-131.	0.1	0
9003	Delineation of Neuroprotective Effects and Possible Benefits of Antioxidants Therapy for the Treatment of Alzheimer's Diseases by Targeting Mitochondrial-Derived Reactive Oxygen Species: Bench to Bedside. <i>Molecular Neurobiology</i> , 2022, 59, 657-680.	1.9	26
9004	Nutritional strategies to alleviate oxidative stress in sows. <i>Animal Nutrition</i> , 2022, 9, 60-73.	2.1	22
9005	Scavenging Free Iron Reduces Arteriolar Microvasospasms After Experimental Subarachnoid Hemorrhage. <i>Stroke</i> , 2021, 52, 4033-4042.	1.0	18
9006	Antioxidant Properties and Cytoprotective Effect of <i>Pistacia lentiscus</i> L. Seed Oil against H_2O_2 -Hydroxycholesterol-Induced Toxicity in C2C12 Myoblasts: Reduction in Oxidative Stress, Mitochondrial and Peroxisomal Dysfunctions and Attenuation of Cell Death. <i>Antioxidants</i> , 2021, 10, 1772.	2.2	13
9007	Xeroderma Pigmentosum: General Aspects and Management. <i>Journal of Personalized Medicine</i> , 2021, 11, 1146.	1.1	13
9008	Clinical significance of oxidative stress for untreated patients with diffuse large B-cell lymphoma. <i>Molecular and Clinical Oncology</i> , 2021, 16, 4.	0.4	1
9009	Microbial analysis, antioxidant activity, and sensory properties of yoghurt with different starter cultures during storage. <i>International Dairy Journal</i> , 2022, 126, 105267.	1.5	13
9010	Nanotechnologies for Reactive Oxygen Species Turn-On Detection. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 780032.	2.0	9

#	ARTICLE	IF	CITATIONS
9011	Cyanobacteria derived compounds: Emerging drugs for cancer management. <i>Journal of Basic Microbiology</i> , 2022, 62, 1125-1142.	1.8	4
9013	Potential effects of dietary chitosan against lead-induced innate immunotoxicity and oxidative stress in Nile tilapia (<i>Oreochromis niloticus</i>). <i>Egyptian Journal of Aquatic Research</i> , 2022, 48, 123-129.	1.0	9
9014	Natural astaxanthin enhanced antioxidant capacity and improved semen quality through the MAPK/Nrf2 pathway in aging layer breeder roosters. <i>Journal of Animal Science and Biotechnology</i> , 2021, 12, 112.	2.1	9
9015	Evaluation of Thiol/Disulfide Homeostasis in Lung Cancer. <i>Turkish Thoracic Journal</i> , 2020, 21, 255-260.	0.2	3
9016	Antioxidant Activity of Surinamese Medicinal Plants with Adaptogenic Properties and Correlation with Total Phenolic Contents. <i>Journal of Antioxidant Activity</i> , 2020, 2, 11-28.	1.0	4
9017	Evaluation of Physicochemical Properties and Mineral Content of some Indigenous Spices Retailed in Ibadan, Nigeria. <i>International Journal of Nutrition</i> , 2020, 6, 20-34.	0.8	3
9018	<i>In vitro</i> Antioxidant Activity of <i>Artemisia argyi</i> Powder and the Effect on Hepatic and Intestinal Antioxidant Indices in Broiler Chickens. <i>Annals of Animal Science</i> , 2020, 20, 1085-1099.	0.6	6
9019	Determination of antioxidative properties of <i>Morinda citrifolia</i> using near supercritical fluid extraction. <i>Journal of Food and Drug Analysis</i> , 2009, 17, .	0.9	1
9020	Dietary restriction of lycopene for a period of one month resulted in significantly increased biomarkers of oxidative stress and bone resorption in postmenopausal women. <i>Journal of Nutrition, Health and Aging</i> , 0, , .	1.5	0
9021	Black rice extract protected HepG2 cells from oxidative stress-induced cell death via ERK1/2 and Akt activation. <i>Nutrition Research and Practice</i> , 2014, 8, 125.	0.7	1
9022	An investigation of the effects of thiamine in the experimental diabetic rat brain tissue. <i>Gazzetta Medica Italiana Archivio Per Le Scienze Mediche</i> , 2020, 179, .	0.0	0
9023	Ratlarda Toluenle İndirilen Oksidatif Hasara Karşı p-Kumarik Asitin Antioksidan Etkisi. <i>Kahramanmaraş Sırtakademisi Tıp Fakültesi Dergisi</i> , 2021, 24, 473-478.	0.2	3
9024	Associations Among Physical Activity Level and Skeletal Muscle Antioxidants in Older Adults. <i>Journal of Physical Activity and Health</i> , 2020, 17, 895-901.	1.0	4
9025	Effect of protocatechuic acid against renal ischemia reperfusion damage on extracellular matrix integrity and related signal pathways. <i>Turkish Journal of Biochemistry</i> , 2021, 46, 307-315.	0.3	1
9026	Estimated 24-hour urinary sodium excretion as a risk factor for oxidative stress in Zambian adults: A cross-sectional study. <i>PLoS ONE</i> , 2020, 15, e0242144.	1.1	1
9027	Effects of the menstrual cycle on oxidative stress and antioxidant response to high-intensity intermittent exercise until exhaustion in healthy women. <i>Journal of Sports Medicine and Physical Fitness</i> , 2020, 60, 1335-1341.	0.4	4
9028	İki Amaçlı Kullanılan <i>Terminalia chebula</i> ve <i>Terminalia citrina</i> Bitkilerinin Kurutulmuş Meyvelerinde Antiradikal, Antibakteriyel ve Mutajenik Aktivite Analizleri. <i>Adnan Menderes Üniversitesi Ziraat Fakültesi Dergisi</i> , 0, , .	0.1	0
9029	Thiol-disulphide homeostasis in patients with surgical site infections. <i>Journal of Microbiology and Infectious Diseases</i> , 0, , 159-165.	0.1	0

#	ARTICLE	IF	CITATIONS
9030	Similar hepatoprotective effectiveness of Diphenyl diselenide and Ebselen against cisplatin-induced disruption of metabolic homeostasis and redox balance in juvenile rats. <i>Chemico-Biological Interactions</i> , 2020, 330, 109234.	1.7	6
9031	Chemistry and Antioxidant Potential of Phytoconstituents from Aegle Marmelos Fruit-Shell. <i>Current Drug Metabolism</i> , 2020, 21, 525-533.	0.7	4
9032	Astaxanthin, the Natural Antioxidant, Reduces Reserpine Induced Depression in Mice. <i>Current Bioactive Compounds</i> , 2020, 16, 1319-1327.	0.2	0
9033	Evaluation of the Antioxidant and Antidiabetic Potential of the Poly Herbal Formulation: Identification of Bioactive Factors. <i>Cardiovascular and Hematological Agents in Medicinal Chemistry</i> , 2020, 18, 111-123.	0.4	4
9035	The effects of reactive species on the tumorigenic phenotype of human head and neck squamous cell carcinoma (HNSCC) cells. <i>Anticancer Research</i> , 2007, 27, 3819-27.	0.5	7
9036	Genetic and environmental factors influencing human diseases with telomere dysfunction. <i>International Journal of Clinical and Experimental Medicine</i> , 2009, 2, 114-30.	1.3	14
9037	Cystic fibrosis-related diabetes: from CFTR dysfunction to oxidative stress. <i>Clinical Biochemist Reviews</i> , 2009, 30, 153-77.	3.3	42
9039	Alzheimer's disease: diverse aspects of mitochondrial malfunctioning. <i>International Journal of Clinical and Experimental Pathology</i> , 2010, 3, 570-81.	0.5	75
9041	Subtoxic levels hydrogen peroxide-induced production of interleukin-6 by retinal pigment epithelial cells. <i>Molecular Vision</i> , 2010, 16, 1864-73.	1.1	43
9042	Are antioxidants helpful for disease prevention?. <i>Research in Pharmaceutical Sciences</i> , 2010, 5, 1-8.	0.6	71
9043	Genetic polymorphisms of superoxide dismutases, catalase, and glutathione peroxidase in age-related cataract. <i>Molecular Vision</i> , 2011, 17, 2325-32.	1.1	51
9044	Combined treatment with antioxidants and immunosuppressants on cytokine release by human peripheral blood mononuclear cells - chemically injured keratocyte reaction. <i>Molecular Vision</i> , 2011, 17, 2665-71.	1.1	17
9045	Modulation of AP-endonuclease1 levels associated with hepatic cirrhosis in rat model treated with human umbilical cord blood mononuclear stem cells. <i>International Journal of Clinical and Experimental Pathology</i> , 2011, 4, 692-707.	0.5	14
9046	Role of Pioglitazone with Metformin or Glimepiride on Oxidative Stress-induced Nuclear Damage and Reproductive Toxicity in Diabetic Rats. <i>The Malaysian Journal of Medical Sciences</i> , 2010, 17, 3-11.	0.3	13
9047	Autoxidation of gallic acid induces ROS-dependent death in human prostate cancer LNCaP cells. <i>Anticancer Research</i> , 2012, 32, 1595-602.	0.5	81
9049	Free radicals, antioxidants in disease and health. <i>International Journal of Biomedical Science</i> , 2008, 4, 89-96.	0.5	682
9050	The redox biology of schistosome parasites and applications for drug development. <i>Current Pharmaceutical Design</i> , 2012, 18, 3595-611.	0.9	21
9051	Changing the energy of an immune response. <i>American Journal of Clinical and Experimental Immunology</i> , 2013, 2, 30-54.	0.2	46

#	ARTICLE	IF	CITATIONS
9052	Comment on: Anti-Oxidative Stress Activity of Stachys lavandulifolia Aqueous Extract in Humans. Cell Journal, 2013, 15, 272-3.	0.2	15
9053	Does Quercetin Improve Cardiovascular Risk factors and Inflammatory Biomarkers in Women with Type 2 Diabetes: A Double-blind Randomized Controlled Clinical Trial. International Journal of Preventive Medicine, 2013, 4, 777-85.	0.2	82
9054	Effects of a superoxide dismutase mimetic on biomarkers of lung angiogenesis and alveolarization during hyperoxia with intermittent hypoxia. American Journal of Translational Research (discontinued), 2013, 5, 594-607.	0.0	25
9056	Monitoring the production of reactive oxygen species in experimental melanoma. Journal of Medicine and Life, 2013, 6, 235-9.	0.4	2
9058	Opposing role of JNK-p38 kinase and ERK1/2 in hydrogen peroxide-induced oxidative damage of human trophoblast-like JEG-3 cells. International Journal of Clinical and Experimental Pathology, 2014, 7, 959-68.	0.5	30
9059	A case for neuroprotection in ophthalmology: developments in translational research. Missouri Medicine, 2013, 110, 429-36.	0.3	14
9060	Hormonal and metabolic effects of polyunsaturated fatty acid (omega-3) on polycystic ovary syndrome induced rats under diet. Iranian Journal of Basic Medical Sciences, 2014, 17, 123-7.	1.0	8
9061	Evaluation of serum nitric oxide level in patients with oral lichen planus. Journal of Dentistry, 2014, 15, 48-51.	0.1	10
9062	Oxidant-antioxidant status in tissue samples of oral leukoplakia. Dental Research Journal, 2014, 11, 180-6.	0.2	12
9063	Effects of repeated oral administration of pazufloxacin mesylate and meloxicam on the antioxidant status in rabbits. Journal of the American Association for Laboratory Animal Science, 2014, 53, 399-403.	0.6	6
9064	The Proteome of a Healthy Human during Physical Activity under Extreme Conditions. Acta Naturae, 2014, 6, 66-75.	1.7	4
9065	Role of Ankaferd on bacterial translocation and inflammatory response in an experimental rat model of intestinal obstruction. International Journal of Clinical and Experimental Medicine, 2014, 7, 2677-86.	1.3	10
9067	The relationship between alanine consumption and erythrocytes' redox status in post-acute stroke patients undergoing rehabilitation. Mădica, 2014, 9, 248-54.	0.4	1
9068	Amodiaquine-induced toxicity in isolated rat hepatocytes and the cytoprotective effects of taurine and/or N-acetyl cysteine. Research in Pharmaceutical Sciences, 2014, 9, 97-105.	0.6	49
9069	Expression of reactive oxygen species-related proteins in metastatic breast cancer is dependent on the metastatic site. International Journal of Clinical and Experimental Pathology, 2014, 7, 8802-12.	0.5	3
9070	Alpha-lipoic acid attenuates trinitrobenzene sulfonic acid-induced ulcerative colitis in mice. International Journal of Clinical and Experimental Medicine, 2015, 8, 358-67.	1.3	9
9072	Neuroprotective effect of fasudil on inflammation through PI3K/Akt and Wnt/ β -catenin dependent pathways in a mice model of Parkinson's disease. International Journal of Clinical and Experimental Pathology, 2015, 8, 2354-64.	0.5	25
9073	Influence of sildenafil and donepezil administration on the serum redox balance in experimentally induced lower limb critical ischemia. Clujul Medical, 2013, 86, 250-8.	0.1	2

#	ARTICLE	IF	CITATIONS
9074	Cytotoxic and Antioxidant Activity of a Set of Hetero Bicyclic Methylthiadiazole Hydrazones: A Structure-Activity Study. <i>International Journal of Molecular and Cellular Medicine</i> , 2015, 4, 128-37.	1.1	7
9075	Impact of Inflammation on Male Reproductive Tract. <i>Journal of Reproduction and Infertility</i> , 2015, 16, 123-9.	1.0	85
9076	Phytochemical and Antioxidant Investigation of the Aerial Parts of <i>Dorema glabrum</i> Fisch. & C.A. Mey. <i>Iranian Journal of Pharmaceutical Research</i> , 2015, 14, 925-31.	0.3	9
9078	Proteomic analysis of synovial fluid as an analytical tool to detect candidate biomarkers for knee osteoarthritis. <i>International Journal of Clinical and Experimental Pathology</i> , 2015, 8, 9975-89.	0.5	20
9079	Tert-butylhydroquinone ameliorates doxorubicin-induced cardiotoxicity by activating Nrf2 and inducing the expression of its target genes. <i>American Journal of Translational Research (discontinued)</i> , 2015, 7, 1724-35.	0.0	19
9080	Comparison of Serum and Salivary Antioxidants in Patients with Temporomandibular Joint Disorders and Healthy Subjects. <i>Journal of Dentistry of Tehran University of Medical Sciences</i> , 2015, 12, 263-70.	0.4	4
9081	Therapeutic effects of curcumin on the functional disturbances and oxidative stress induced by renal ischemia/reperfusion in rats. <i>Avicenna Journal of Phytomedicine</i> , 2015, 5, 576-86.	0.1	13
9082	Ferric nitrilotriacetate (Fe-NTA)-induced reactive oxidative species protects human hepatic stellate cells from apoptosis by regulating Bcl-2 family proteins and mitochondrial membrane potential. <i>International Journal of Clinical and Experimental Medicine</i> , 2015, 8, 18074-81.	1.3	2
9084	Etiologies of sperm oxidative stress. <i>International Journal of Reproductive BioMedicine</i> , 2016, 14, 231-40.	0.5	88
9085	Oxidative Stress Alleviation by Sage Essential Oil in Co-amoxiclav induced Hepatotoxicity in Rats. <i>International Journal of Biomedical Science</i> , 2016, 12, 71-8.	0.5	10
9086	Stereological study on the effect of vitamin C in preventing the adverse effects of bisphenol A on rat ovary. <i>International Journal of Reproductive BioMedicine</i> , 2016, 14, 403-10.	0.5	7
9087	N-Acetyl-L-Cysteine inhibits the development of glucose intolerance and hepatic steatosis in diabetes-prone mice. <i>American Journal of Translational Research (discontinued)</i> , 2016, 8, 3744-3756.	0.0	12
9088	Time course of neuroprotection induced by normobaric hyperoxia preconditioning and angiogenesis factors. <i>Iranian Journal of Basic Medical Sciences</i> , 2017, 20, 67-74.	1.0	1
9089	Antioxidant and anti-inflammatory medicinal plants have potential role in the treatment of cardiovascular disease: a review. <i>American Journal of Cardiovascular Disease</i> , 2017, 7, 19-32.	0.5	23
9090	Cancer metabolism: what we can learn from proteomic analysis by mass spectrometry. <i>Cancer Genomics and Proteomics</i> , 2012, 9, 373-81.	1.0	9
9091	Effects of pomegranate seed oil on oxidant/antioxidant balance in heart and kidney homogenates and mitochondria of diabetic rats and high glucose-treated H9c2 cell line. <i>Avicenna Journal of Phytomedicine</i> , 2017, 7, 317-333.	0.1	5
9092	Therapeutic Potential of Arsenic Trioxide (ATO) in Treatment of Hepatocellular Carcinoma: Role of Oxidative Stress in ATO-Induced Apoptosis. <i>Annals of Clinical Pathology</i> , 2017, 5, .	0.5	7
9093	Evaluation of Diabetogenic Mechanism of High Fat Diet in Combination with Arsenic Exposure in Male Mice. <i>Iranian Journal of Pharmaceutical Research</i> , 2018, 17, 164-183.	0.3	25

#	ARTICLE	IF	CITATIONS
9094	Advancements in Free-Radical Pathologies and an Important Treatment Solution with a Free-Radical Inhibitor. , 2018, 1, .		1
9095	Ameliorative effect of extract on busulfan-induced oxidative stress in mice sperm. <i>Veterinary Research Forum</i> , 2018, 9, 265-271.	0.3	3
9096	Cell damaging by irradiating non-thermal plasma to the water: Mathematical modeling of chemical processes. <i>Molecular Biology Research Communications</i> , 2018, 7, 133-141.	0.2	0
9097	Type 2 diabetes mellitus, oxidative stress and inflammation: examining the links. <i>International Journal of Physiology, Pathophysiology and Pharmacology</i> , 2019, 11, 45-63.	0.8	152
9098	Three Day Environmental Exposure May Trigger Oxidative Stress Development and Provoke Adaptive Response Resulting in Altered Antioxidant Activity. <i>Iranian Journal of Public Health</i> , 2019, 48, 1284-1291.	0.3	0
9100	Profiling of cell stress proteins reveals decreased expression of enzymatic antioxidants in tracheal epithelial tissue of pigs raised indoors. <i>American Journal of Translational Research (discontinued)</i> , 2019, 11, 5716-5727.	0.0	1
9101	Lycopene attenuates LPS-induced liver injury by inactivation of NF- κ B/COX-2 signaling. <i>International Journal of Clinical and Experimental Pathology</i> , 2019, 12, 817-825.	0.5	4
9102	Rational design of novel coumarins: A potential trend for antioxidants in cosmetics. <i>EXCLI Journal</i> , 2020, 19, 209-226.	0.5	4
9103	Role of Oxygen and Nitrogen Radicals in the Mechanism of Anticancer Drug Cytotoxicity. <i>Journal of Cancer Science & Therapy</i> , 2020, 12, 10-18.	1.7	10
9104	deficiency enhances carbon tetrachloride-induced liver injury in aged mice. <i>Iranian Journal of Basic Medical Sciences</i> , 2020, 23, 600-605.	1.0	0
9105	Noncompetitive Inhibition of Bovine Liver Catalase by Lawsone: Kinetics, Binding Mechanism and Modeling Approaches. <i>Iranian Journal of Pharmaceutical Research</i> , 2020, 19, 383-397.	0.3	0
9106	Thiol/disulfide homeostasis as a novel indicator of oxidative stress during the treatment process of patients with septic arthritis. <i>Joint Diseases and Related Surgery</i> , 2020, 31, 502-508.	0.3	0
9107	DNA damage in cancer development: special implications in viral oncogenesis. <i>American Journal of Cancer Research</i> , 2021, 11, 3956-3979.	1.4	0
9108	Co-exposure of sodium arsenite and uranyl acetate differentially alters gene expression in CD3/CD28 activated CD4+ T-cells. <i>Toxicology Reports</i> , 2021, 8, 1917-1929.	1.6	3
9109	Low molecular weight heparin reduces acute phase response and multiple organ dysfunction following Ovine experimental endotoxemia model. <i>Veterinary Immunology and Immunopathology</i> , 2022, 243, 110361.	0.5	0
9110	The COVID-19 Pandemic and Relevant Concerns for Pediatric Neurologists. <i>Advances in Healthcare Information Systems and Administration Book Series</i> , 2022, , 79-94.	0.2	0
9111	Metals and oxidative stress in aquatic decapod crustaceans: A review with special reference to shrimp and crabs. <i>Aquatic Toxicology</i> , 2022, 242, 106024.	1.9	40
9112	Identification of the redox-stress signaling threshold (RST): Increased RST helps to delay aging in <i>C. elegans</i> . <i>Free Radical Biology and Medicine</i> , 2022, 178, 54-58.	1.3	13

#	ARTICLE	IF	CITATIONS
9113	Blood-based oxidation markers in medicated and unmedicated schizophrenia patients: A meta-analysis. <i>Asian Journal of Psychiatry</i> , 2022, 67, 102932.	0.9	12
9114	Oxidative stress in modulation of immune function in livestock. , 2022, , 225-245.		0
9115	Source, bioaccumulation, degradability and toxicity of triclosan in aquatic environments: A review. <i>Environmental Technology and Innovation</i> , 2022, 25, 102122.	3.0	62
9116	Furosemide-induced systemic dehydration alters the proteome of rabbit vocal folds. <i>Journal of Proteomics</i> , 2022, 252, 104431.	1.2	5
9117	Chlorogenic Acid Attenuates Oxidative Stress-Induced Intestinal Epithelium Injury by Co-Regulating the PI3K/Akt and I κ B/NF- κ B Signaling. <i>Antioxidants</i> , 2021, 10, 1915.	2.2	26
9118	Molecular and Biochemical Pathways Encompassing Diabetes Mellitus and Dementia. <i>CNS and Neurological Disorders - Drug Targets</i> , 2022, 21, 542-556.	0.8	5
9119	Thioether-Based Polymeric Micelles with Fine-Tuned Oxidation Sensitivities for Chemotherapeutic Drug Delivery. <i>Biomacromolecules</i> , 2022, 23, 77-88.	2.6	10
9120	Valorization of Fig (<i>Ficus carica</i> L.) Waste Leaves: HPLC-QTOF-MS/MS-DPPH System for Online Screening and Identification of Antioxidant Compounds. <i>Plants</i> , 2021, 10, 2532.	1.6	10
9121	The protective effects of erdosteine on subacute diazinon-induced oxidative stress and inflammation in rats. <i>Environmental Science and Pollution Research</i> , 2022, 29, 21537-21546.	2.7	7
9122	Association of Oxidative Stress with Neurological Disorders. <i>Current Neuropharmacology</i> , 2022, 20, 1046-1072.	1.4	15
9123	Compostos fenólicos da maçã (<i>Malus domestica</i>) na prevenção ao estresse oxidativo na atividade física: revisão de literatura. <i>Research, Society and Development</i> , 2021, 10, e45101522348.	0.0	0
9124	Probiotics in Counteracting the Role of Neutrophils in Cancer Metastasis. <i>Vaccines</i> , 2021, 9, 1306.	2.1	3
9125	Ethanol Extract of Myrtle (<i>Myrtus communis</i> L.) Berries as a Remedy for Streptozotocin-Induced Oxidative Stress in Rats. <i>Applied Biochemistry and Biotechnology</i> , 2022, 194, 1645-1658.	1.4	6
9126	Cadmium-induced ultrastructural changes and apoptosis in the gill of freshwater mussel <i>Anodonta woodiana</i> . <i>Environmental Science and Pollution Research</i> , 2022, 29, 23338-23351.	2.7	2
9127	Fruit Derived Potentially Bioactive Bioengineered Silver Nanoparticles. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 7711-7726.	3.3	19
9128	Co-administration of metformin and gallic acid modulates JAK/STAT signaling pathway and glutathione metabolism in fructose-fed streptozotocin diabetic Rats. <i>Phytomedicine Plus</i> , 2022, 2, 100181.	0.9	4
9129	Natural Antioxidants from Plant Extracts in Skincare Cosmetics: Recent Applications, Challenges and Perspectives. <i>Cosmetics</i> , 2021, 8, 106.	1.5	84
9130	Evaluating the effects of anticoagulant rodenticide bromadiolone in Wistar rats co-exposed to vitamin K: impact on blood liver axis and brain oxidative status. <i>Molecular and Cellular Biochemistry</i> , 2022, 477, 525-536.	1.4	4

#	ARTICLE	IF	CITATIONS
9131	Iron Homeostasis Disorder and Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12442.	1.8	66
9132	Deconstructing the molecular genetics behind the PINK1/Parkin axis in Parkinson's disease using <i>Drosophila melanogaster</i> as a model organism. <i>Egyptian Journal of Medical Human Genetics</i> , 2021, 22, .	0.5	3
9133	Wavelength, dose, skin type and skin model related radical formation in skin. <i>Biophysical Reviews</i> , 2021, 13, 1091-1100.	1.5	9
9134	<i>Plectranthus ecklonii</i> Benth: A Comprehensive Review Into its Phytochemistry and Exerted Biological Activities. <i>Frontiers in Pharmacology</i> , 2021, 12, 768268.	1.6	4
9136	Green Synthesis of Gold and Iron Nanoparticles for Targeted Delivery: An In Vitro and In Vivo Study. <i>Journal of Chemistry</i> , 2021, 2021, 1-16.	0.9	8
9137	Microbiota Targeted Interventions of Probiotic <i>Lactobacillus</i> as an Anti-Ageing Approach: A Review. <i>Antioxidants</i> , 2021, 10, 1930.	2.2	12
9138	Modulatory effect of dietary copper nanoparticles and vitamin C supplementations on growth performance, hematological and immune parameters, oxidative status, histology, and disease resistance against <i>Yersinia ruckeri</i> in rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Fish Physiology and Biochemistry</i> , 2022, 48, 33-51.	0.9	7
9139	Impact of Fennel Essential Oil as an Antibiotic Alternative in Rabbit Diet on Antioxidant Enzymes Levels, Growth Performance, and Meat Quality. <i>Antioxidants</i> , 2021, 10, 1797.	2.2	53
9140	Evaluation of pollution parameters and toxic elements in wastewater of pulp and paper industries in India: A case study. <i>Case Studies in Chemical and Environmental Engineering</i> , 2022, 5, 100163.	2.9	38
9141	Sulforaphane-Mediated Nrf2 Activation Prevents Radiation-Induced Skin Injury through Inhibiting the Oxidative-Stress-Activated DNA Damage and NLRP3 Inflammasome. <i>Antioxidants</i> , 2021, 10, 1850.	2.2	26
9142	The Influence of Dietary Gallic Acid on Growth Performance and Plasma Antioxidant Status of High and Low Weaning Weight Piglets. <i>Animals</i> , 2021, 11, 3323.	1.0	3
9143	Antioxidants from Plant Sources and Free Radicals. <i>Biochemistry</i> , 0, , .	0.8	2
9144	Functional Components and Antioxidant Activities by Temperature and Growing Days of Sprouted Oats. <i>Journal of the Korean Society of Food Science and Nutrition</i> , 2021, 50, 1161-1167.	0.2	1
9145	Ethyl Acetate Fractions of <i>Papaver rhoeas</i> L. and <i>Papaver nudicaule</i> L. Exert Antioxidant and Anti-Inflammatory Activities. <i>Antioxidants</i> , 2021, 10, 1895.	2.2	8
9146	Reprogramming Tumor-Associated Macrophages via ROS-Mediated Novel Mechanism of Ultra-Small Cu ₂ S Nanoparticles to Enhance Anti-Tumor Immunity. <i>Advanced Functional Materials</i> , 2022, 32, 2108971.	7.8	31
9147	The Role of the Natural Antioxidant Mechanism in Sperm Cells. <i>Reproductive Sciences</i> , 2022, 29, 1387-1394.	1.1	28
9148	Theaflavin Chemistry and Its Health Benefits. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-16.	1.9	39
9149	Review of herbal medicine works in the avian species. <i>Veterinary World</i> , 2021, 14, 2889-2906.	0.7	11

#	ARTICLE	IF	CITATIONS
9150	Antioxidant Properties of Bee Products Derived from Medicinal Plants as Beekeeping Sources. Agriculture (Switzerland), 2021, 11, 1136.	1.4	12
9151	Redox Monitoring in Nuclear Medical Imaging. Antioxidants and Redox Signaling, 2022, 36, 797-810.	2.5	2
9152	Zinc Finger Proteins in Neuro-Related Diseases Progression. Frontiers in Neuroscience, 2021, 15, 760567.	1.4	32
9153	Gelidiella acerosa Compounds Target NF κ B Cascade in Lung Adenocarcinoma. Applied Biochemistry and Biotechnology, 2022, 194, 1566-1579.	1.4	2
9154	Notoginsenoside R1 attenuates oxidative stress α induced osteoblast dysfunction through JNK signalling pathway. Journal of Cellular and Molecular Medicine, 2021, 25, 11278-11289.	1.6	27
9155	Diversity, Chemical Constituents, and Biological Activities of Endophytic Fungi Isolated From Ligusticum chuanxiong Hort. Frontiers in Microbiology, 2021, 12, 771000.	1.5	17
9156	Dynamic thiol/disulphide homeostasis and ischemic modified albumin levels in isolated oligohydramnios. Taiwanese Journal of Obstetrics and Gynecology, 2021, 60, 1038-1042.	0.5	6
9157	Nutraceutical potentials of algal ulvan for healthy aging. International Journal of Biological Macromolecules, 2022, 194, 422-434.	3.6	10
9158	Targeting Production of Reactive Oxygen Species as an Anticancer Strategy. Anticancer Research, 2021, 41, 5881-5902.	0.5	6
9159	Regulation of Biological Functions at the Cell Interface by DNA Nanostructures. Advanced NanoBiomed Research, 2022, 2, 2100126.	1.7	2
9161	The bHLH transcription factor regulated gene OsWIH2 is a positive regulator of drought tolerance in rice. Plant Physiology and Biochemistry, 2021, 169, 269-279.	2.8	18
9162	Therapeutic Influence on Important Targets Associated with Chronic Inflammation and Oxidative Stress in Cancer Treatment. Cancers, 2021, 13, 6062.	1.7	27
9163	Synthesis, single crystal structures, DFT and in vitro anti oxidant superoxide dismutase studies of copper(II) complexes derived from the di-(2-picoly)amine and co-ligands: Promising antioxidants. Polyhedron, 2022, 212, 115609.	1.0	8
9164	Redox regulation of DUBs and its therapeutic implications in cancer. Redox Biology, 2021, 48, 102194.	3.9	12
9165	Bioengineering applications of black phosphorus and their toxicity assessment. Environmental Science: Nano, 2021, 8, 3452-3477.	2.2	12
9167	A comparative assessment of <i>in vitro</i> cytotoxic activity and phytochemical profiling of <i>Andrographis nallamalayana</i> L.Ellis and <i>Andrographis paniculata</i> (Burm. f.) Nees using UPLC-QTOF-MS/MS approach. RSC Advances, 2021, 11, 35918-35936.	1.7	3
9170	Captopril Is More Effective than Perindopril Against Aluminium Chloride Induced Amyloidogenesis and Cognitive Dysfunction. SSRN Electronic Journal, 0, , .	0.4	0
9172	Preparative separation of 1,1-diphenyl-2-picrylhydrazyl inhibitors originating from <i>Saxifraga sinomontana</i> employing medium-pressure liquid chromatography in combination with reversed-phase liquid chromatography. RSC Advances, 2021, 11, 38739-38749.	1.7	6

#	ARTICLE	IF	CITATIONS
9173	In-vivo Antioxidant Effects of the Orally Administered Paracetamol, Aqueous Extracts of Saliva triloba, and Origanum syriacum. Journal of Biochemical Technology, 2021, 12, 19-22.	0.1	2
9174	N-oleoylethanolamine-phosphatidylcholine complex loaded, DSPE-PEG integrated liposomes for efficient stroke. Drug Delivery, 2021, 28, 2525-2533.	2.5	5
9175	Preventive Role of Carotenoids in Oxidative Stress-Induced Cancer. , 2021, , 1-14.		0
9176	Nanocidal Effect of Rice Husk-Based Silver Nanoparticles on Antioxidant Enzymes of Aphid. Biological Trace Element Research, 2022, 200, 4855-4864.	1.9	4
9177	Flavonoids, alkaloids and terpenoids: a new hope for the treatment of diabetes mellitus. Journal of Diabetes and Metabolic Disorders, 2022, 21, 941-950.	0.8	12
9178	Anti-proliferative effects of the combination of Sulfamethoxazole and Quercetin via caspase3 and NFkB gene regulation: an in vitro and in vivo study. Naunyn-Schmiedeberg's Archives of Pharmacology, 2022, 395, 227-246.	1.4	10
9179	Evaluation of the antioxidative and genotoxic effects of sodium butyrate on breast cancer cells. Saudi Journal of Biological Sciences, 2022, 29, 1394-1401.	1.8	9
9180	Novel 1,2-thiazine-pyridine hybrid: Design, synthesis, antioxidant activity and molecular docking study. Letters in Drug Design and Discovery, 2022, 19, .	0.4	0
9181	Rabbits irradiation using Co60: Histopathological evaluation for titanium dioxide on treatment liver disease. AIP Conference Proceedings, 2022, , .	0.3	0
9182	Therapeutic promise of carotenoids as antioxidants and anti-inflammatory agents in neurodegenerative disorders. Biomedicine and Pharmacotherapy, 2022, 146, 112610.	2.5	47
9183	Effects of nitroglycerin and flunixin meglumine on circulating inflammatory, cardiovascular and hepatorenal biomarkers of ovine experimental endotoxemia model. Small Ruminant Research, 2022, 207, 106615.	0.6	0
9184	Development of whey protein nanoparticles as carriers to deliver soy isoflavones. LWT - Food Science and Technology, 2022, 155, 112953.	2.5	28
9185	Impacts of oxidants and antioxidants on the emergence and progression of Alzheimer's disease. Neurochemistry International, 2022, 153, 105268.	1.9	21
9186	SARS- CoV-2 infection and oxidative stress in early-onset preeclampsia. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2022, 1868, 166321.	1.8	7
9187	Curcumin micronization by supercritical fluid: In vitro and in vivo biological relevance. Industrial Crops and Products, 2022, 177, 114501.	2.5	12
9188	The antioxidant potential of different edible and medicinal mushrooms. Biomedicine and Pharmacotherapy, 2022, 147, 112621.	2.5	70
9189	Colorimetry /SERS dual-sensor of H2O2 constructed via TMB@Fe3O4@ AuNPs. Talanta, 2022, 240, 123118.	2.9	16
9190	Radioprotective effects of melatonin against varying dose rates on radiotherapy-induced salivary gland damage scintigraphy findings. Radiation Physics and Chemistry, 2022, 193, 109953.	1.4	1

#	ARTICLE	IF	CITATIONS
9191	The Effect of Atorvastatin on Acute Pancreatitis in Rat: Biochemical and Pathological study. <i>Galen</i> , 2015, 4, .	0.6	1
9192	Role of Vitamin E as a Preventive measure Against Platelet Aggregation In Pregnancy Induced Hypertension. <i>The Journal of Bahria University Medical and Dental College</i> , 2019, 09, 170-174.	0.0	0
9193	Thiol/disulfide homeostasis as a novel indicator of oxidative stress during the treatment process of patients with septic arthritis. <i>Joint Diseases and Related Surgery</i> , 2020, 31, 502-508.	0.6	1
9194	LIPID PEROXIDATION A PARAMETER LINKED TO OXIDATIVE STRESS AND PSORIASIS: A REVIEW. <i>Indian Drugs</i> , 2020, 57, 7-15.	0.1	0
9195	The Efficacy of Royal Jelly in the Restoration of Liver Injury in Irradiated Rats. <i>Egyptian Journal of Radiation Sciences and Applications</i> , 2020, .	0.0	2
9196	Oxidative Stress, Physiological Responses and Performance of Broilers Transported with Different Transportation Duration. <i>Jurnal Ilmu Produksi Dan Teknologi Hasil Peternakan</i> , 2020, 8, 137-143.	0.1	1
9197	OXIDATIVE STATUS AND APOPTOSIS IN INFANTS AND CHILDREN WITH FEBRILE SEIZURE. <i>Mansoura Medical Journal</i> , 2020, 42, 167-181.	0.0	0
9198	SYNTHESIS, BIOLOGICAL EVALUATION AND DOCKING STUDIES OF NON HEPATOTOXIC 5-SUBSTITUTED THIAZOLIDINE-2, 4-DIONES AS ANTIDIABETIC, ANTI-HYPERLIPIDEMIC, ANTI-OXIDANT AND CYTOTOXIC AGENTS. <i>Indian Drugs</i> , 2020, 57, 19-37.	0.1	1
9199	Phytochemical, Antioxidant and Anti-Inflammatory Effects of Extracts from <i>Ampelocissus africana</i> (Lour) Merr (Vitaceae) Rhizomes. <i>Journal of Pharmaceutical Research International</i> , 0, , 8-18.	1.0	1
9200	Traditional Herbal Medicines and their Fertility Potential: A Review. <i>Journal of Complementary and Alternative Medical Research</i> , 0, , 24-32.	0.4	0
9201	miRNA-Signature of Irradiated Ptch1+/+ Mouse Lens is Dependent on Genetic Background. <i>Radiation Research</i> , 2021, 197, .	0.7	4
9202	Silk Cocoon-Derived Protein Bioinspired Gold Nanoparticles as a Formidable Anticancer Agent. <i>Journal of Biomedical Nanotechnology</i> , 2021, 17, 615-626.	0.5	15
9203	Role of the Lipid Peroxidation in the Assessment of the Consequences of Exposure to Chemical Toxicants on Bio-Objects. <i>Russian Journal of Physical Chemistry B</i> , 2021, 15, 861-867.	0.2	2
9204	Diabetes and Depression: A Bidirectional Phenomenon. <i>International Journal of Pharmaceutical Sciences Review and Research</i> , 2021, 70, .	0.1	0
9205	Oxidative stress alleviating potential of galactan exopolysaccharide from <i>Weissella confusa</i> KR780676 in yeast model system. <i>Scientific Reports</i> , 2022, 12, 1089.	1.6	13
9206	Circadian Clocks, Redox Homeostasis, and Exercise: Time to Connect the Dots?. <i>Antioxidants</i> , 2022, 11, 256.	2.2	12
9207	Mechanistic Insight into Oxidative Stress-Triggered Signaling Pathways and Type 2 Diabetes. <i>Molecules</i> , 2022, 27, 950.	1.7	97
9208	The endoplasmic reticulum participated in drug metabolic toxicity. <i>Cell Biology and Toxicology</i> , 2022, 38, 945-961.	2.4	4

#	ARTICLE	IF	CITATIONS
9209	Oxidative Balance Scores (OBSs) Integrating Nutrient, Food and Lifestyle Dimensions: Development of the NutrientL-OBS and FoodL-OBS. <i>Antioxidants</i> , 2022, 11, 300.	2.2	11
9210	The Antidiabetic Effects and Modes of Action of the <i>Balanites aegyptiaca</i> Fruit and Seed Aqueous Extracts in NA/STZ-Induced Diabetic Rats. <i>Pharmaceutics</i> , 2022, 14, 263.	2.0	14
9211	Exploring multifunctional antioxidants as potential agents for management of neurological disorders. <i>Environmental Science and Pollution Research</i> , 2022, 29, 24458-24477.	2.7	17
9212	The impact of Vermicompost on <i>Pisum sativum</i> spp. Arvence L exposed to methylisothiazolinone. <i>Biologia (Poland)</i> , 2022, 77, 1109-1119.	0.8	4
9213	Thymoquinone: A Review on its Pharmacological Importance, and its Association with Oxidative Stress, COVID-19, and Radiotherapy. <i>Mini-Reviews in Medicinal Chemistry</i> , 2022, 22, 1847-1875.	1.1	20
9214	Role of antioxidants and oxidative stress in the evolution of acute pancreatitis (Review). <i>Experimental and Therapeutic Medicine</i> , 2022, 23, 197.	0.8	19
9215	Effect of Cooking Method on Vitamin C Loses and Antioxidant Activity of Indigenous Green Leafy Vegetables Consumed in Western Uganda. <i>International Journal of Food Science</i> , 2022, 2022, 1-7.	0.9	6
9216	Engineering a Ratiometric Photoacoustic Probe with a Hepatocyte-Specific Targeting Ability for Liver Injury Imaging. <i>Analytical Chemistry</i> , 2022, 94, 1474-1481.	3.2	17
9217	Phthalate Exposure and Biomarkers of Oxidation of Nucleic Acids: Results on Couples Attending a Fertility Center. <i>Toxics</i> , 2022, 10, 61.	1.6	5
9218	Chemotherapeutic drugs induce oxidative stress associated with DNA repair and metabolism modulation. <i>Life Sciences</i> , 2022, 289, 120242.	2.0	11
9219	Mechanistic Insights of Chelator Complexes with Essential Transition Metals: Antioxidant/Pro-Oxidant Activity and Applications in Medicine. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1247.	1.8	23
9220	A Comparative DFT Study on the Antioxidant Activity of Some Novel 3- <i>Hydroxypyridine</i> -One Derivatives. <i>Chemistry and Biodiversity</i> , 2022, 19, e202100703.	1.0	5
9221	Calycosin alleviates H_2O_2 -induced astrocyte injury by restricting oxidative stress through the Akt/Nrf2/HO-1 signaling pathway. <i>Environmental Toxicology</i> , 2022, 37, 858-867.	2.1	20
9222	Aspirin Attenuates Hyperoxia-Induced Acute Respiratory Distress Syndrome (ARDS) by Suppressing Pulmonary Inflammation via the NF- κ B Signaling Pathway. <i>Frontiers in Pharmacology</i> , 2021, 12, 793107.	1.6	9
9223	Synthesis, Crystal Structure, Hirshfeld Surface Analysis and Docking Studies of a Novel Flavone-Chalcone Hybrid Compound Demonstrating Anticancer Effects by Generating ROS through Glutathione Depletion. <i>Crystals</i> , 2022, 12, 108.	1.0	4
9224	Obesity and Thyroid Cancer Risk: An Update. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 1116.	1.2	32
9225	Reactive oxygen species: Key players in the anticancer effects of apigenin?. <i>Journal of Food Biochemistry</i> , 2022, 46, e14060.	1.2	6
9226	Antioxidant Paradox in Male Infertility: A Blind Eye™ on Inflammation. <i>Antioxidants</i> , 2022, 11, 167.	2.2	15

#	ARTICLE	IF	CITATIONS
9227	Astaxanthin as a Modulator of Nrf2, NF- κ B, and Their Crosstalk: Molecular Mechanisms and Possible Clinical Applications. <i>Molecules</i> , 2022, 27, 502.	1.7	34
9228	A Mixture of Pure, Isolated Polyphenols Worsens the Insulin Resistance and Induces Kidney and Liver Fibrosis Markers in Diet-Induced Obese Mice. <i>Antioxidants</i> , 2022, 11, 120.	2.2	4
9229	New insights into the regulatory roles of glutathione in NLRP3-inflammasome-mediated immune and inflammatory responses. <i>Journal of Biochemistry</i> , 2022, 171, 367-377.	0.9	4
9230	Effect of Hydroxyl Groups Esterification with Fatty Acids on the Cytotoxicity and Antioxidant Activity of Flavones. <i>Molecules</i> , 2022, 27, 420.	1.7	4
9231	Preventive Role of Carotenoids in Oxidative Stress-Induced Cancer. , 2022, , 2449-2462.		0
9232	Roles of Nutraceuticals and Functional Food in Prevention of Cardiovascular Disease. , 2022, , 810-839.		0
9233	Exploring the Bioactive Potentials of C60-AgNPs Nano-Composites against Malignancies and Microbial Infections. <i>International Journal of Molecular Sciences</i> , 2022, 23, 714.	1.8	10
9234	Unfractionated heparin counteracts the systemic inflammatory responses and multiple organ damages caused by endotoxaemia in sheep. <i>Veterinary Medicine and Science</i> , 2022, , .	0.6	2
9235	Reaction mechanism of ferulic acid scavenging OH and NO ₂ radicals: a theoretical study. <i>Structural Chemistry</i> , 2022, 33, 641-647.	1.0	4
9236	Antioxidant and Anti-Inflammatory Activities of Phytochemicals from <i>Ruellia tuberosa</i> . <i>Journal of Chemistry</i> , 2022, 2022, 1-14.	0.9	2
9237	Improving the anti-ageing activity of coenzyme Q10 through protransfersome-loaded emulgel. <i>Scientific Reports</i> , 2022, 12, 906.	1.6	14
9238	Vitamin E and quercetin attenuated the reproductive toxicity mediated by lead acetate in male Wistar. <i>Bulletin of the National Research Centre</i> , 2022, 46, .	0.7	5
9239	Measurement of oxidative stress and total antioxidant capacity in hyperthyroid patients following treatment with carbimazole and antioxidant. <i>Heliyon</i> , 2022, 8, e08651.	1.4	6
9240	Protocatechuic acid protects hepatocytes against hydrogen peroxide-induced oxidative stress. <i>Current Research in Food Science</i> , 2022, 5, 222-227.	2.7	11
9241	Ultrasound-Mediated Release of Gaseous Signaling Molecules for Biomedical Applications. <i>Macromolecular Rapid Communications</i> , 2022, 43, e2100814.	2.0	11
9242	Oxidative Stress and Thyroid Disorders. , 2022, , 23-34.		0
9243	Development and characterization of a gold nanoparticles glassy carbon modified electrode for dithiotreitol (DTT) detection suitable to be applied for determination of atmospheric particulate oxidative potential. <i>Analytica Chimica Acta</i> , 2022, 1206, 339556.	2.6	7
9244	Potential Advances of Adjunctive Hyperbaric Oxygen Therapy in Infective Endocarditis. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, 805964.	1.8	7

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9245	Inflammation Promotes Oxidative and Nitrosative Stress in Chronic Myelogenous Leukemia. <i>Biomolecules</i> , 2022, 12, 247.	1.8	2
9246	Chemical repair of damaged leucine and tryptophane by thiophenols at close to diffusion-controlled rates: Mechanisms and kinetics. <i>Journal of Computational Chemistry</i> , 2022, , .	1.5	4
9247	Examination Of The Effectiveness Of 12-Week Nordic Walking Exercise In Prediabetic Individuals. <i>Pamukkale Medical Journal</i> , 0, , .	0.2	2
9248	The impact of the Adenotonsillectomy on cardiac functions and oxidative stress. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2022, 154, 111039.	0.4	2
9249	Restoring the oxidative balance in age-related diseases – An approach in glaucoma. <i>Ageing Research Reviews</i> , 2022, 75, 101572.	5.0	15
9250	AgVI and Ag/ZnOVI nanostructures from <i>Vateria indica</i> (L.) exert antioxidant, antidiabetic, anti-inflammatory and cytotoxic efficacy on triple negative breast cancer cells in vitro. <i>International Journal of Pharmaceutics</i> , 2022, 615, 121450.	2.6	5
9251	Sensing Hypochlorite or pH variations in live cells and zebrafish with a novel dual-functional ratiometric and colorimetric chemosensor. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 271, 120915.	2.0	5
9252	Saponins and flavonoids from <i>Bacopa floribunda</i> plant extract exhibit antioxidant and anti-inflammatory effects on amyloid beta 1-42-induced Alzheimer's disease in BALB/c mice. <i>Journal of Ethnopharmacology</i> , 2022, 288, 114997.	2.0	13
9253	Recent progress on small molecule-based fluorescent imaging probes for hypochlorous acid (HOCl)/hypochlorite (OCl ⁻). <i>Dyes and Pigments</i> , 2022, 200, 110132.	2.0	64
9254	Genetic alterations and oxidative stress in T cell lymphomas. , 2022, 236, 108109.		6
9255	Screening of Novel Hybrid Combinations of Synthetic Drugs with Plant Extracts for its In vitro Antioxidant Activity. <i>Research Journal of Pharmacy and Technology</i> , 2022, , 188-192.	0.2	3
9256	Copper hydrazone complexes with different nuclearties and geometries: Synthesis, characterization, single crystal structures, Hirshfeld analysis and superoxide dismutase mimetic activities. <i>Journal of Molecular Structure</i> , 2022, 1257, 132545.	1.8	6
9258	Stres, Hayvan Saġıġı, Ācerġn Kalitesi ve Helal Gġda Āceretim Sġreci Arasġndaki Āliġkiler. <i>Osmaniye Korkut Ata Āeniversitesi Fen Bilimleri Enstitġsġ Dergisi</i> , 0, , .	0.2	0
9259	Role of Oxidative Stress in Obese and Nonobese PCOS Patients. <i>International Journal of Clinical Practice</i> , 2022, 2022, 1-9.	0.8	19
9260	Oxidative Injury in Ischemic Stroke: A Focus on NADPH Oxidase 4. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-12.	1.9	7
9261	Captopril is more effective than Perindopril against aluminium chloride induced amyloidogenesis and AD like pathology. <i>Heliyon</i> , 2022, 8, e08935.	1.4	4
9262	Oxidative Stress in Human Pathology and Aging: Molecular Mechanisms and Perspectives. <i>Cells</i> , 2022, 11, 552.	1.8	183
9263	The Relationship Between Diabetes Mellitus and Cancers and Its Underlying Mechanisms. <i>Frontiers in Endocrinology</i> , 2022, 13, 800995.	1.5	32

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9264	Bacillus coagulans TL3 Inhibits LPS-Induced Caecum Damage in Rat by Regulating the TLR4/MyD88/NF- κ B and Nrf2 Signal Pathways and Modulating Intestinal Microflora. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-20.	1.9	6
9265	Neurotoxicity of anthracene and benz[a]anthracene involves oxidative stress-induced neuronal damage, cholinergic dysfunction and disruption of monoaminergic and purinergic enzymes. <i>Toxicological Research</i> , 2022, 38, 365-377.	1.1	4
9266	The Innate Immune System and Fever under Redox Control: A Narrative Review. <i>Current Medicinal Chemistry</i> , 2022, 29, 4324-4362.	1.2	3
9267	Altered Mitochondrial Quality Control in Rats with Metabolic Dysfunction-Associated Fatty Liver Disease (MAFLD) Induced by High-Fat Feeding. <i>Genes</i> , 2022, 13, 315.	1.0	18
9268	An Evaluation of the Role of Oxidative Stress in Non-Obstructive Coronary Artery Disease. <i>Journal of Cardiovascular Development and Disease</i> , 2022, 9, 51.	0.8	3
9269	Associations between Oxidative/Nitrosative Stress and Thyroid Hormones in Pregnant Women—Tainan Birth Cohort Study (TBCS). <i>Antioxidants</i> , 2022, 11, 334.	2.2	5
9270	Glycomic and Glycoproteomic Techniques in Neurodegenerative Disorders and Neurotrauma: Towards Personalized Markers. <i>Cells</i> , 2022, 11, 581.	1.8	13
9271	Rotavirus infection—associated central nervous system complications: clinicoradiological features and potential mechanisms. <i>Clinical and Experimental Pediatrics</i> , 2022, , .	0.9	7
9272	Proteasome activity modulates amyloid toxicity. <i>FEMS Yeast Research</i> , 2022, 22, .	1.1	1
9273	Anticancer potential of allicin: A review. <i>Pharmacological Research</i> , 2022, 177, 106118.	3.1	34
9274	Dual stimuli-responsive nanocarriers based on polyethylene glycol-mediated schiff base interactions for overcoming tumour chemoresistance. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, 213, 112408.	2.5	5
9275	Antioxidant and anti-inflammatory roles of tea polyphenols in inflammatory bowel diseases. <i>Food Science and Human Wellness</i> , 2022, 11, 502-511.	2.2	54
9276	Glyoxal damages human aortic endothelial cells by perturbing the glutathione, mitochondrial membrane potential, and mitogen-activated protein kinase pathways. <i>BMC Cardiovascular Disorders</i> , 2021, 21, 603.	0.7	4
9277	Impact of Cigarette Smoking on the Expression of Oxidative Stress-Related Genes in Cumulus Cells Retrieved from Healthy Women Undergoing IVF. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13147.	1.8	10
9278	Interweaving of reactive oxygen species and major neurological and psychiatric disorders. <i>Annales Pharmaceutiques Francaises</i> , 2021, , .	0.4	10
9279	The Repertoire of Small-Molecule PET Probes for Neuroinflammation Imaging: Challenges and Opportunities beyond TSPO. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 17656-17689.	2.9	28
9282	Heavy Metal Contamination of Natural Foods Is a Serious Health Issue: A Review. <i>Sustainability</i> , 2022, 14, 161.	1.6	67
9283	Which Uv Wavelength is the Most Effective for Chlorine-Resistant Bacteria in Terms of the Impact of Activity, Cell Membrane and DNA?. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1

#	ARTICLE	IF	CITATIONS
9284	Effects of stress on reproductive function and fetal development. , 2022, , 1141-1159.		0
9286	Comparative Assessment of Antioxidant and Anticancer Potential of Selected Ethnobotanical Plants Exposed on Cancer Cell Lines. SSRN Electronic Journal, 0, , .	0.4	0
9287	Hazards Related to the Presence of Cadmium in Food “ Studies on Soil Invertebrates. SSRN Electronic Journal, 0, , .	0.4	0
9290	Impact of oxidative stress SNPs on sperm DNA damage and male infertility in a south-east Iranian population. <i>Reproduction, Fertility and Development</i> , 2022, 34, 633-643.	0.1	4
9291	Effectiveness of onion (<i>Allium cepa</i> L.) skin in human health. , 2022, , 115-125.		2
9293	Biochemical approaches/methods in the detection of free radicals. , 2022, , 171-198.		0
9294	Basic Principles and Future Developments in Cold Plasma Therapy. , 2022, , 257-280.		1
9296	Caffeic acid regulates glucose homeostasis and inhibits purinergic and cholinergic activities while abating oxidative stress and dyslipidaemia in fructose-streptozotocin-induced diabetic rats. <i>Journal of Pharmacy and Pharmacology</i> , 2022, 74, 973-984.	1.2	9
9297	Role of Carotenoids in Preventing Oxidative Stress Induced Cancer. , 2022, , 1-14.		0
9298	Low doses of the organic insecticide spinosad trigger lysosomal defects, elevated ROS, lipid dysregulation, and neurodegeneration in flies. <i>ELife</i> , 2022, 11, .	2.8	16
9299	Effect of Normobaric Hypoxia on Alterations in Redox Homeostasis, Nitrosative Stress, Inflammation, and Lysosomal Function following Acute Physical Exercise. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-18.	1.9	7
9300	Oxidative Stress and Male Infertility: Evidence From a Research Perspective. <i>Frontiers in Reproductive Health</i> , 2022, 4, .	0.6	21
9301	Geraniin Protects against Cerebral Ischemia/Reperfusion Injury by Suppressing Oxidative Stress and Neuronal Apoptosis via Regulation of the Nrf2/HO-1 Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-13.	1.9	21
9302	Targeting the two-pore channel 2 in cancer progression and metastasis. <i>Exploration of Targeted Anti-tumor Therapy</i> , 0, , 62-89.	0.5	6
9303	Accumulation, Chronicity, and Induction of Oxidative Stress Regulating Genes Through <i>Allium cepa</i> L. Functionalized Silver Nanoparticles in Freshwater Common Carp (<i>Cyprinus carpio</i>). <i>Biological Trace Element Research</i> , 2023, 201, 904-925.	1.9	8
9304	Insights into Anti-Inflammatory Activity and Internalization Pathway of Onion Peel-Derived Gold Nano Bioconjugates in RAW 264.7 Macrophages. <i>ACS Omega</i> , 2022, 7, 7606-7615.	1.6	7
9305	Alzheimer’s Disease as Type 3 Diabetes: Common Pathophysiological Mechanisms between Alzheimer’s Disease and Type 2 Diabetes. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2687.	1.8	66
9306	Phytochemical and In Silico ADME/Tox Analysis of <i>Eruca sativa</i> Extract with Antioxidant, Antibacterial and Anticancer Potential against Caco-2 and HCT-116 Colorectal Carcinoma Cell Lines. <i>Molecules</i> , 2022, 27, 1409.	1.7	27

#	ARTICLE	IF	CITATIONS
9307	Determination of Antioxidants by DPPH Radical Scavenging Activity and Quantitative Phytochemical Analysis of <i>Ficus religiosa</i> . <i>Molecules</i> , 2022, 27, 1326.	1.7	194
9308	Anticancer and Cytotoxicity Activity of Native and Modified Black Rice Flour on Colon Cancer Cell Lines. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022, 2022, 1-9.	0.5	4
9309	Functioning of the Pregnan X Receptor under Oxidative Stress. <i>Biochemistry (Moscow) Supplement Series A: Membrane and Cell Biology</i> , 2022, 16, 21-28.	0.3	2
9310	An Overview of Potential Seaweed-Derived Bioactive Compounds for Pharmaceutical Applications. <i>Marine Drugs</i> , 2022, 20, 141.	2.2	62
9311	Phytochemical profiles of Citrus hybrid kanpei and Citrus reticulata natsumi : Analysis of volatile and non-volatile components. <i>Korean Journal of Food Preservation</i> , 2022, 29, 1-12.	0.2	3
9312	Higher Serum Antioxidant Capacity Levels and Its Association with Serum NOx Levels Among Long-term Experienced Meditators in Sri Lanka. <i>Mindfulness</i> , 2022, 13, 908-916.	1.6	1
9313	Mitochondrial Function and Reactive Oxygen/Nitrogen Species in Skeletal Muscle. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 826981.	1.8	5
9314	The Effects of Different Pressure Pneumoperitoneum Models Created By Standard or Heated-Humidified CO2 Insufflation on Ovary and Peritoneum: an Experimental Study in Rats. <i>Reproductive Sciences</i> , 2022, 29, 1197-1208.	1.1	1
9316	Anti-Obesity Effect of Nostoc commune Ethanol Extract In Vitro and In Vivo. <i>Nutrients</i> , 2022, 14, 968.	1.7	4
9317	An Integrated Approach Based on Network Analysis Combined With Experimental Verification Reveals PI3K/Akt/Nrf2 Signaling Is an Important Way for the Anti-Myocardial Ischemia Activity of Yi-Qi-Tong-Luo Capsule. <i>Frontiers in Pharmacology</i> , 2022, 13, 794528.	1.6	6
9318	Radical Scavenging Activities and Anti-Inflammatory Effects of Tomato Extracts. <i>The Korean Journal of Community Living Science</i> , 2022, 33, 39-53.	0.0	0
9319	Agaricus Mushroom-Enriched Diets Modulate the Microbiota-Gut-Brain Axis and Reduce Brain Oxidative Stress in Mice. <i>Antioxidants</i> , 2022, 11, 695.	2.2	6
9320	A Comprehensive Review on Preclinical Evidence-based Neuroprotective Potential of Bacopa monnieri against Parkinson's Disease. <i>Current Drug Targets</i> , 2022, 23, 889-901.	1.0	4
9321	Tannic Acid-iron Complex-Based Nanoparticles as a Novel Tool against Oxidative Stress. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 15927-15941.	4.0	32
9322	Turn-Off Detection of Reactive Oxidative Species and Turn-On Detection of Antioxidants Using Fluorescent Copper Nanoclusters. <i>ACS Applied Nano Materials</i> , 2022, 5, 5826-5837.	2.4	12
9323	New, Fast, and Sustainable Method by HPLC for Simultaneous Determination of Ascorbic Acid and Nicotinamide in the Study of Cosmetic Emulsions. <i>Current Chromatography</i> , 2022, 9, .	0.1	2
9324	Oxidative stress biomarkers and free amino acid concentrations in the blood plasma of moderately exercised horses indicate adaptive response to prolonged exercise training. <i>Journal of Animal Science</i> , 2022, 100, .	0.2	3
9325	Evaluating Water bitter leaf (<i>Struchium sparganophora</i>) and Scent Leaf (<i>Ocimum</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 model. <i>Drug and Chemical Toxicology</i> , 2023, 46, 236-246.	1.2	2

#	ARTICLE	IF	CITATIONS
9326	Hepatoprotective potential of selected medicinally important herbs: evidence from ethnomedicinal, toxicological and pharmacological evaluations. <i>Phytochemistry Reviews</i> , 2022, 21, 1863-1886.	3.1	11
9327	<i>Spondias purpurea</i> L. Bark Extract Protects against Oxidative Stress and Reduces Hypercholesterolemia in Mice Fed High-Fat Diet. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-13.	1.9	4
9328	Deciphering therapeutic options for neurodegenerative diseases: insights from SIRT1. <i>Journal of Molecular Medicine</i> , 2022, 100, 537-553.	1.7	8
9329	IN VITRO ANTIOXIDANT ACTIVITY OF RAUVOLFIA MEDIA BARKS AND LEAVES EXTRACTS. , 2022, , 39-40.		0
9330	Flammulinavelutipes Polysaccharides Modulate Gut Microbiota and Alleviate Carbon Tetrachloride-Induced Hepatic Oxidative Injury in Mice. <i>Frontiers in Microbiology</i> , 2022, 13, 847653.	1.5	7
9331	Glucosamine suppresses oxidative stress and induces protective autophagy in osteoblasts by blocking the ROS/Akt/mTOR signaling pathway. <i>Cell Biology International</i> , 2022, 46, 829-839.	1.4	5
9332	Phytochemicals from the Medicinal and Dietary Plants: Multi-target Agents for Cervical Cancer Prevention and Therapy. <i>Current Medicinal Chemistry</i> , 2022, 29, 4481-4506.	1.2	8
9334	Positive Aspects of Oxidative Stress at Different Levels of the Human Body: A Review. <i>Antioxidants</i> , 2022, 11, 572.	2.2	31
9335	Possible mechanism of the implementing the trigger role of air pollution in rheumatoid arthritis (preliminary data). <i>Gigiena I Sanitaria</i> , 2022, 101, 139-145.	0.1	0
9336	Oxidative Stress, Vascular Endothelium, and the Pathology of Neurodegeneration in Retina. <i>Antioxidants</i> , 2022, 11, 543.	2.2	16
9337	Oxidative Stress-Related Mechanisms in SARS-CoV-2 Infections. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-15.	1.9	34
9338	Molecular Fluorescent Probes for Liver Tumor Imaging. <i>Chemistry - an Asian Journal</i> , 2022, 17, .	1.7	10
9339	Effects of Peroxiredoxin 6 and Its Mutants on the Isoproterenol Induced Myocardial Injury in H9C2 Cells and Rats. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-13.	1.9	6
9340	Oxidative Stress in the Protection and Injury of the Lacrimal Gland and the Ocular Surface: are There Perspectives for Therapeutics?. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 824726.	1.8	3
9341	Advances on the Antioxidant Activity of a Phytocomplex Product Containing Berry Extracts from Romanian Spontaneous Flora. <i>Processes</i> , 2022, 10, 646.	1.3	3
9342	Oxidative Stress: A Putative Link Between Lower Urinary Tract Symptoms and Aging and Major Chronic Diseases. <i>Frontiers in Medicine</i> , 2022, 9, 812967.	1.2	5
9343	Isolation, Characterization and Antioxidant Activity of Yam Polysaccharides. <i>Foods</i> , 2022, 11, 800.	1.9	14
9344	Close correlation between thiolate basicity and certain NMR parameters in cysteine and cystine microspecies. <i>PLoS ONE</i> , 2022, 17, e0264866.	1.1	3

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9345	New Insights on <i>Acanthus ebracteatus</i> Vahl: UPLC-ESI-QTOF-MS Profile, Antioxidant, Antimicrobial and Anticancer Activities. <i>Molecules</i> , 2022, 27, 1981.	1.7	9
9346	Abrogating Oxidative Stress as a Therapeutic Strategy Against Parkinson's Disease: A Mini Review of the Recent Advances on Natural Therapeutic Antioxidant and Neuroprotective Agents. <i>Medicinal Chemistry</i> , 2022, 18, 772-783.	0.7	5
9347	Mycological composition and antioxidant activity of <i>Flammulina velutipes</i> : a comparative study on hydromethanol, decoction and infusion extracts. <i>Vegetos</i> , 2022, 35, 607-613.	0.8	2
9348	Synergistic Effect of L-Carnosine and Hyaluronic Acid in Their Covalent Conjugates on the Antioxidant Abilities and the Mutual Defense against Enzymatic Degradation. <i>Antioxidants</i> , 2022, 11, 664.	2.2	4
9349	Cytochrome c Oxidase Inhibition by ATP Decreases Mitochondrial ROS Production. <i>Cells</i> , 2022, 11, 992.	1.8	8
9350	Oxidative Stress and Redox Signaling in the Pathophysiology of Liver Diseases. , 2022, 12, 3167-3192.		17
9351	Synthesis of Ethynylthiophene Derivatives, Antioxidant Properties and ADME Analysis. <i>ChemistrySelect</i> , 2022, 7, .	0.7	0
9352	State-of-the-art electrochemistry for the assessment of oxidative stress and integral antioxidant activity of biological environments. <i>Electrochemical Science Advances</i> , 2023, 3, .	1.2	1
9353	Para-Hydroxybenzyl Alcohol Delays the Progression of Neurodegenerative Diseases in Models of <i>Caenorhabditis elegans</i> through Activating Multiple Cellular Protective Pathways. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-18.	1.9	5
9354	Impact of Nickel Oxide Nanoparticles (NiO) on Oxidative Stress Biomarkers and Hemocyte Counts of <i>Mytilus galloprovincialis</i> . <i>Biological Trace Element Research</i> , 2022, 200, 3429-3441.	1.9	3
9355	A Systematic Review of the Literature Regarding the Relationship Between Oxidative Stress and Electroconvulsive Therapy. , 2022, 23, 47-56.		2
9356	Role of Selenium and Vitamins E and B9 in the Alleviation of Bovine Mastitis during the Periparturient Period. <i>Antioxidants</i> , 2022, 11, 657.	2.2	16
9357	In vitro antioxidant activities of five $\hat{2}$ -carboline alkaloids, molecular docking, and dynamic simulations. <i>Structural Chemistry</i> , 2022, 33, 883-895.	1.0	2
9358	Mesenchymal Stem-Cell Remodeling of Adsorbed Type-I Collagen – The Effect of Collagen Oxidation. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3058.	1.8	3
9359	Antioxidant/anti-inflammatory effect of Mg^{2+} in coronavirus disease 2019 (COVID-19). <i>Reviews in Medical Virology</i> , 2022, 32, e2348.	3.9	11
9360	Mitochondrial Oxidative Stress and Cell Death in Podocytopathies. <i>Biomolecules</i> , 2022, 12, 403.	1.8	15
9361	Biomarker-Responsive Fluorescent Probes for In Vivo Imaging of Liver Injury. <i>Chemistry - an Asian Journal</i> , 2022, 17, .	1.7	5
9362	General Rehabilitation Program after Knee or Hip Replacement Significantly Influences Erythrocytes Oxidative Stress Markers and Serum ST2 Levels. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-11.	1.9	3

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9363	Poly I:C'nin ĞndġklediġTLR3 Aktivasyonunun Prostat Kanseri Hġcreleri Olan PC-3 (Hormona Duyarsġz) ve LNCaP'ġn (Hormona Duyarlġ) Oksidatif Stres Dġzeyine Etkileri. Kocaeli Ğniversitesi Saġlġk Bilimleri Dergisi, 0, , 18-24.	0.3	3
9364	Oxidative RNA Damage in the Pathogenesis and Treatment of Type 2 Diabetes. <i>Frontiers in Physiology</i> , 2022, 13, 725919.	1.3	12
9365	Red ginseng (<i>Panax ginseng</i> Meyer) oil: A comprehensive review of extraction technologies, chemical composition, health benefits, molecular mechanisms, and safety. <i>Journal of Ginseng Research</i> , 2022, 46, 214-224.	3.0	11
9366	Hybrid Classification/Regression Approach to QSAR Modeling of Stoichiometric Antiradical Capacity Assays™ Endpoints. <i>Molecules</i> , 2022, 27, 2084.	1.7	0
9367	Neonicotinoids: mechanisms of systemic toxicity based on oxidative stress-mitochondrial damage. <i>Archives of Toxicology</i> , 2022, 96, 1493-1520.	1.9	25
9368	Contribution of Mġller Cells in the Diabetic Retinopathy Development: Focus on Oxidative Stress and Inflammation. <i>Antioxidants</i> , 2022, 11, 617.	2.2	24
9369	Elucidation of the Interactions of Reactive Oxygen Species and Antioxidants in Model Membranes Mimicking Cancer Cells and Normal Cells. <i>Membranes</i> , 2022, 12, 286.	1.4	6
9370	Production of a Yogurt Drink Enriched with Golden Berry (<i>Physalispubescens</i> L.) Juice and Its Therapeutic Effect on Hepatitis in Rats. <i>Fermentation</i> , 2022, 8, 112.	1.4	17
9371	Antioxidant Effect of <i>Filipendula glaberrima</i> Nakai Extract in HepG2 Cells. <i>Biomedical Science Letters</i> , 2022, 28, 25-33.	0.0	0
9372	The Study of Redox Reaction of Gallic Acid with Bis-(2-Pyridinealdoximato)dioxomolybdate(IV) Complex in an Aqueous Acidic Medium. <i>Chemistry Africa</i> , 2022, 5, 525-532.	1.2	2
9373	Investigating mitochondrial bioenergetics in peripheral blood mononuclear cells of women with childhood maltreatment from post-parturition period to one-year follow-up. <i>Psychological Medicine</i> , 2022, , 1-12.	2.7	8
9374	Essential Protective Role of Catalytically Active Antibodies (Abzymes) with Redox Antioxidant Functions in Animals and Humans. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3898.	1.8	13
9375	Comprehensive Review on Applications of Surfactants in Vaccine Formulation, Therapeutic and Cosmetic Pharmacy and Prevention of Pulmonary Failure due to COVID-19. <i>Chemistry Africa</i> , 2022, 5, 459-480.	1.2	22
9376	Impact of environmental toxicants exposure on gut-brain axis in Parkinson disease. <i>Drug Metabolism and Personalized Therapy</i> , 2022, 37, 329-336.	0.3	7
9377	Antioxidant and hepatoprotective effects of novel heteropolysaccharide isolated from <i>Lobularia maritima</i> on ĞCCI4-induced liver injury in rats. <i>Food Science and Nutrition</i> , 2022, 10, 2271-2284.	1.5	19
9378	A dual-fluorophore and dual-site multifunctional fluorescent sensor for real-time visualization of mitochondrial ONOO-/GSH cross-talk in living cells. <i>Sensors and Actuators B: Chemical</i> , 2022, 365, 131847.	4.0	15
9380	Oxidation and Antioxidation of Natural Products in the Model Organism <i>Caenorhabditis elegans</i> . <i>Antioxidants</i> , 2022, 11, 705.	2.2	17
9381	PM2.5 Exposure and Asthma Development: The Key Role of Oxidative Stress. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-12.	1.9	19

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9382	Oxidative stress in the pathophysiology of type 2 diabetes and related complications: Current therapeutics strategies and future perspectives. <i>Free Radical Biology and Medicine</i> , 2022, 184, 114-134.	1.3	158
9383	A comparative study on the effect of blood collection tubes on stress oxidative markers. <i>PLoS ONE</i> , 2022, 17, e0266567.	1.1	4
9384	Effects of Bacuri Seed Butter (<i>Platonia insignis</i> Mart.), a Brazilian Amazon Fruit, on Oxidative Stress and Diabetes Mellitus-Related Parameters in STZ-Diabetic Rats. <i>Biology</i> , 2022, 11, 562.	1.3	9
9385	Antioxidant effects of seaweeds and their active compounds on animal health and production – a review. <i>Veterinary Quarterly</i> , 2022, 42, 48-67.	3.0	35
9386	Anthracene-modified isophorone derivative with NIR-emission for hypochlorite detection by the oxidative decomposition reaction and its applications. <i>Measurement: Journal of the International Measurement Confederation</i> , 2022, 193, 111007.	2.5	11
9387	Improving the antioxidant status, fat-soluble vitamins, fatty acid composition, and lipid stability in the meat of Grass carp (<i>Ctenopharyngodon idella</i> Val) fed fresh ryegrass (<i>Lolium multiflorum</i> Lam). <i>Aquaculture</i> , 2022, 553, 738067.	1.7	3
9388	A ratiometric fluorescence probe for imaging endoplasmic reticulum (ER) hypochlorous acid in living cells undergoing excited state intramolecular proton transfer. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 273, 121075.	2.0	11
9389	Combined drug triads for synergic neuroprotection in retinal degeneration. <i>Biomedicine and Pharmacotherapy</i> , 2022, 149, 112911.	2.5	7
9390	Protection by <i>Hosta ventricosa</i> polysaccharides against oxidative damage induced by t-BHP in HepG2 cells via the JNK/Nrf2 pathway. <i>International Journal of Biological Macromolecules</i> , 2022, 208, 453-462.	3.6	5
9391	Banana peels as a bioactive ingredient and its potential application in the food industry. <i>Journal of Functional Foods</i> , 2022, 92, 105054.	1.6	37
9392	Effects of particulate matter (PM2.5) on life history traits, oxidative stress, and defense system in the marine copepod <i>Tigriopus japonicus</i> . <i>Marine Pollution Bulletin</i> , 2022, 178, 113588.	2.3	4
9393	Genistein, a tool for geroscience. <i>Mechanisms of Ageing and Development</i> , 2022, 204, 111665.	2.2	13
9394	Increased carotid intima-media thickness is independently associated with the occurrence of depressive disorders in patients with obstructive sleep apnea without cardiocerebrovascular disease. <i>Journal of Psychiatric Research</i> , 2022, 150, 122-129.	1.5	0
9395	Heteroleptic Gold(I)-bisNHC complex with excellent activity <i>in vitro</i> , <i>ex vivo</i> and <i>in vivo</i> against endometrial cancer. <i>European Journal of Medicinal Chemistry</i> , 2022, 236, 114302.	2.6	10
9396	Qualitative and quantitative analysis of some co-existing colorants in some hard candies. <i>Journal of Food Composition and Analysis</i> , 2022, 109, 104475.	1.9	2
9397	Effects of copper pyrithione (CuPT) on apoptosis, ROS production, and gene expression in hemocytes of white shrimp <i>Litopenaeus vannamei</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2022, 256, 109323.	1.3	2
9398	A GFP-based ratiometric sensor for cellular methionine oxidation. <i>Talanta</i> , 2022, 243, 123332.	2.9	8
9399	Pathogenesis of keratoconus: NRF2-antioxidant, extracellular matrix and cellular dysfunctions. <i>Experimental Eye Research</i> , 2022, 219, 109062.	1.2	12

#	ARTICLE	IF	CITATIONS
9400	On the free radical scavenging and metallic ion chelating activities of pyridoxal - Could the pro-oxidant risk be competitive?. <i>Phytochemistry</i> , 2022, 199, 113176.	1.4	4
9401	Methods to evaluate the scavenging activity of antioxidants toward reactive oxygen and nitrogen species (IUPAC Technical Report). <i>Pure and Applied Chemistry</i> , 2022, 94, 87-144.	0.9	56
9402	ANTIOXIDANT CAPACITY IN PATIENTS WITH ORAL LICHEN PLANUS AND HEALTHY SUBJECTS-A COMPARATIVE STUDY. , 2021, , 5-7.		0
9403	Free Radicals and Oxidative Stress: Signaling Mechanisms, Redox Basis for Human Diseases, and Cell Cycle Regulation. <i>Current Molecular Medicine</i> , 2023, 23, 13-35.	0.6	37
9404	Physical Activity vs. Redox Balance in the Brain: Brain Health, Aging and Diseases. <i>Antioxidants</i> , 2022, 11, 95.	2.2	11
9405	Physicochemical Properties and Antioxidant Activity of Yogurt with Immature Citrus unshiu. <i>Jawon Gwahak Yeongu</i> , 2021, 3, 90-100.	0.1	1
9406	Repetitions of Strenuous Exercise Consistently Increase Paraoxonase 1 Concentration and Activity in Plasma of Average-Trained Men. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-11.	1.9	1
9407	Bioactive Contents of Different Fruit Parts of "Elyme"™ Quince Cultivar. <i>Uluslararası Tarım Ve Yaban Hayat Bilimleri Dergisi</i> , 2021, 7, 344-352.	0.1	1
9408	Clotting Dysfunction in Sepsis: A Role for ROS and Potential for Therapeutic Intervention. <i>Antioxidants</i> , 2022, 11, 88.	2.2	15
9409	Long-Term Space Nutrition: A Scoping Review. <i>Nutrients</i> , 2022, 14, 194.	1.7	33
9410	Relationship between inflammation and oxidative stress and its effect on multiple sclerosis. <i>Neurologia</i> , 2024, 39, 292-301.	0.3	12
9411	ASSESSMENT OF PHYTOCHEMICALS, TOTAL PHENOL, FLAVONOID CONTENT AND IN VITRO ANTIOXIDANT PROPERTY OF LARGE CARDAMOM EXTRACTS. <i>Indian Drugs</i> , 2021, 58, 34-41.	0.1	2
9412	ROS- and Radiation Source-Dependent Modulation of Leukocyte Adhesion to Primary Microvascular Endothelial Cells. <i>Cells</i> , 2022, 11, 72.	1.8	8
9414	Ionizing Radiation-Induced Brain Cell Aging and the Potential Underlying Molecular Mechanisms. <i>Cells</i> , 2021, 10, 3570.	1.8	17
9415	Tissue levels of oxidative stress markers and antioxidants in colorectal cancer patients. <i>Main Group Chemistry</i> , 2022, 21, 491-499.	0.4	1
9417	Determination of Novel Anti-Cancer Agents by Targeting OGG1 Enzyme Using Integrated Bioinformatics Methods. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 13290.	1.2	1
9418	Antiproliferative and ROS Regulation Activity of Photoluminescent Curcumin-Derived Nanodots. <i>ACS Applied Bio Materials</i> , 2021, 4, 8477-8486.	2.3	3
9419	In Situ Synthesis of Natural Antioxidase Mimics for Catalytic Anti-Inflammatory Treatments: Rheumatoid Arthritis as an Example. <i>Journal of the American Chemical Society</i> , 2022, 144, 314-330.	6.6	46

#	ARTICLE	IF	CITATIONS
9420	Geniposide Attenuates Hyperglycemia-Induced Oxidative Stress and Inflammation by Activating the Nrf2 Signaling Pathway in Experimental Diabetic Retinopathy. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-15.	1.9	30
9421	Effects of Sub-Chronic Exposure to Imidacloprid on Reproductive Organs of Adult Male Rats: Antioxidant State, DNA Damage, and Levels of Essential Elements. <i>Antioxidants</i> , 2021, 10, 1965.	2.2	11
9422	Free Radicals and Neonatal Brain Injury: From Underlying Pathophysiology to Antioxidant Treatment Perspectives. <i>Antioxidants</i> , 2021, 10, 2012.	2.2	10
9423	Development of Cholesterol-Lowering and Detox Formulations Using Bentonite and Herbal Ingredients. <i>Frontiers in Pharmacology</i> , 2021, 12, 775789.	1.6	3
9424	Effects of Aluminium Contamination on the Nervous System of Freshwater Aquatic Vertebrates: A Review. <i>International Journal of Molecular Sciences</i> , 2022, 23, 31.	1.8	9
9425	Cytosolic Self-DNA—A Potential Source of Chronic Inflammation in Aging. <i>Cells</i> , 2021, 10, 3544.	1.8	12
9426	Antioxidant Stress and Anti-Inflammatory Activities of Egg White Proteins and Their Derived Peptides: A Review. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 5-20.	2.4	21
9427	Effect of vacuum blending on antioxidant activities of apple juice and blueberry juice. <i>Journal of Plant Biotechnology</i> , 2021, 48, 271-277.	0.1	0
9428	Nutraceuticals in the Management of Cardiovascular Risk Factors: Where is the Evidence?. <i>Cardiovascular & Hematological Disorders Drug Targets</i> , 2021, 21, 150-161.	0.2	8
9429	Oxidized Substrates of APEH as a Tool to Study the Endoprotease Activity of the Enzyme. <i>International Journal of Molecular Sciences</i> , 2022, 23, 443.	1.8	1
9430	Advanced NIR ratiometric probes for intravital biomedical imaging. <i>Biomedical Materials (Bristol)</i> , 2022, 17, 014107.	1.7	7
9431	CHAPTER 1. Etiology and Pathogenesis of Parkinson—s Disease. <i>Issues in Toxicology</i> , 0, , 1-26.	0.2	3
9432	Rhei rhizoma and citri pericarpium mixture regulates oxidative stress and tight junction proteins on acute reflux esophagitis. <i>Pharmacognosy Magazine</i> , 2021, 17, 836.	0.3	0
9433	Self-assembly of amphiphilic amino acid derivatives for biomedical applications. <i>Chemical Society Reviews</i> , 2022, 51, 3535-3560.	18.7	29
9434	Detection of Reactive Oxygen Species in Human Neutrophils Under Various Conditions of Exposure to Galectin. <i>Methods in Molecular Biology</i> , 2022, 2442, 549-564.	0.4	0
9435	DNA damage in peripheral blood lymphocytes of severely ill COVID-19 patients in relation to inflammatory markers and parameters of hemostasis. <i>Mutagenesis</i> , 2022, 37, 203-212.	1.0	6
9436	The Double-Edged Sword of Oxidative Stress in Skin Damage and Melanoma: From Physiopathology to Therapeutical Approaches. <i>Antioxidants</i> , 2022, 11, 612.	2.2	43
9437	Nrf2 as a Potential Therapeutic Target for Treatment of Huntington—s Disease. , 0, , .		1

#	ARTICLE	IF	CITATIONS
9438	Phytochemical profiling, antidiabetic, antitumoral and cytotoxic potential of <i>Psidium cattleianum</i> Afzel. ex Sabine leaves of red variety. <i>Natural Product Research</i> , 2023, 37, 608-612.	1.0	3
9439	Selenium Effects on Oxidative Stress-Induced Calcium Signaling Pathways in Parkinson's Disease. <i>Indian Journal of Clinical Biochemistry</i> , 2022, 37, 257-266.	0.9	9
9440	Comprehensive analysis of epigenetics regulation, prognostic and the correlation with immune infiltrates of GPX7 in adult gliomas. <i>Scientific Reports</i> , 2022, 12, 6442.	1.6	3
9441	Evaluating the Nutritional and Immune Potentiating Characteristics of Unfermented and Fermented Turmeric Camel Milk in Cyclophosphamide-Induced Immunosuppression in Rats. <i>Antioxidants</i> , 2022, 11, 792.	2.2	6
9442	Valorization of Kiwiberry Leaves Recovered by Ultrasound-Assisted Extraction for Skin Application: A Response Surface Methodology Approach. <i>Antioxidants</i> , 2022, 11, 763.	2.2	17
9443	Can Low-Dose of Dietary Vitamin E Supplementation Reduce Exercise-Induced Muscle Damage and Oxidative Stress? A Meta-Analysis of Randomized Controlled Trials. <i>Nutrients</i> , 2022, 14, 1599.	1.7	3
9444	Antioxidant Cardioprotection against Reperfusion Injury: Potential Therapeutic Roles of Resveratrol and Quercetin. <i>Molecules</i> , 2022, 27, 2564.	1.7	14
9445	Sulfonamide a Valid Scaffold for Antioxidant Drug Development. <i>Mini-Reviews in Organic Chemistry</i> , 2023, 20, 190-209.	0.6	8
9446	<i>Moringa oleifera</i> : Antioxidant, Anticancer, Anti-inflammatory, and Related Properties of Extracts in Cell Lines: A Review of Medicinal Effects, Phytochemistry, and Applications. <i>Journal of Contemporary Dental Practice</i> , 2022, 22, 1483-1492.	0.2	1
9447	The Effect of Two Different Doses of Astaxanthin on Alveolar Bone Loss in an Experimental Model of Periodontitis in Diabetic Rats. <i>Journal of Veterinary Dentistry</i> , 2022, 39, 224-233.	0.1	1
9448	Inhalation of Atmospheric-Pressure Gas Plasma Attenuates Brain Infarction in Rats With Experimental Ischemic Stroke. <i>Frontiers in Neuroscience</i> , 2022, 16, 875053.	1.4	0
9449	Current Trends in Computational Quantum Chemistry Studies on Antioxidant Radical Scavenging Activity. <i>Journal of Chemical Information and Modeling</i> , 2022, 62, 2639-2658.	2.5	33
9450	Protective role of AKBA against benzo(a)pyrene-induced lung carcinogenesis by modulating biotransformation enzymes and oxidative stress. <i>Journal of Biochemical and Molecular Toxicology</i> , 2022, , e23072.	1.4	0
9451	Betaine Modulating MIF-Mediated Oxidative Stress, Inflammation and Fibrogenesis in Thioacetamide-Induced Nephrotoxicity. <i>Current Medicinal Chemistry</i> , 2022, 29, 5254-5267.	1.2	6
9452	Laboratory Analysis of the Anti-Infectious Activity of Quantum Dots and Bioconjugates Based on Them in the Aspect of the Prospects for the Treatment of Inflammatory Diseases of the Eye. <i>Experimental Research (Part 3). Oftalmologiya</i> , 2022, 19, 188-194.	0.2	3
9453	Evidence of Indoor Dust Acting as Carrier for Metal-Based Nanoparticles: A Study of Exposure and Oxidative Risks. <i>Environmental Science and Technology Letters</i> , 2022, 9, 431-438.	3.9	7
9454	Optimization of ultrasound-assisted extraction of phenolic antioxidants from turkey berry (<i>Solanum</i>) Tj ETQq 0 0 rgBT /Overlock 10 Tf Aromatic Plants, 2022, 30, 100387.	0.9	4
9455	Free Radical Properties, Source and Targets, Antioxidant Consumption and Health. <i>Oxygen</i> , 2022, 2, 48-78.	1.6	159

#	ARTICLE	IF	CITATIONS
9456	Preliminary Findings on the Effect of Ultrasmall Superparamagnetic Iron Oxide Nanoparticles and Acute Stress on Selected Markers of Oxidative Stress in Normotensive and Hypertensive Rats. <i>Antioxidants</i> , 2022, 11, 751.	2.2	2
9457	Gas chromatographic-mass spectrometric analysis, antioxidant, antiproliferative and antibacterial activities of the essential oil of <i>Prangos pabularia</i> . <i>Microbial Pathogenesis</i> , 2022, 166, 105540.	1.3	9
9458	Depleting levels of endogenous anti-oxidant superoxide dismutase in oral sub-mucous fibrosis: A systematic review and meta-analysis. <i>Journal of Oral Biology and Craniofacial Research</i> , 2022, 12, 343-351.	0.8	2
9459	Ginsenoside Rg1 attenuates LPS-induced chronic renal injury by inhibiting NOX4-NLRP3 signaling in mice. <i>Biomedicine and Pharmacotherapy</i> , 2022, 150, 112936.	2.5	17
9532	Effect of glucose levels on carbon flow rate, antioxidant status, and enzyme activity of yeast during fermentation. <i>Journal of the Science of Food and Agriculture</i> , 2022, 102, 5333-5347.	1.7	5
9533	Superior Adhesion of a Multifunctional Protein-Based Micropatch to Intestinal Tissue by Harnessing the Hydrophobic Effect. <i>Small Methods</i> , 2022, 6, e2200153.	4.6	2
9534	Biology of aging: Oxidative stress and RNA oxidation. <i>Molecular Biology Reports</i> , 2022, 49, 5089-5105.	1.0	5
9535	A 3D in vitro model of the device-tissue interface: functional and structural symptoms of innate neuroinflammation are mitigated by antioxidant ceria nanoparticles. <i>Journal of Neural Engineering</i> , 2022, 19, 036004.	1.8	4
9536	Grapefruit peel extract mitigates paroxetine-induced erectile dysfunction in rats through stimulation of erectile response, antioxidant status, and inhibition of key enzymes related with impaired penile erection. <i>Journal of Food Biochemistry</i> , 2022, 46, e14193.	1.2	2
9537	Blood serum levels of selected biomarkers of oxidative stress among printing workers occupationally exposed to low-levels of toluene and xylene. <i>Toxicology and Industrial Health</i> , 2022, 38, 299-307.	0.6	0
9538	Effects of <i>Gundelia tournefortii</i> L. on biochemical parameters, antioxidant activities and DNA damage in a rat model of experimental obesity. <i>Brazilian Journal of Biology</i> , 2021, 83, e251198.	0.4	4
9539	New Insights of Early Brain Injury after Subarachnoid Hemorrhage: A Focus on the Caspase Family. <i>Current Neuropharmacology</i> , 2023, 21, 392-408.	1.4	1
9544	Prediction of thioredoxin and glutaredoxin target proteins by identifying reversibly oxidized cysteinyl residues. <i>Journal of Integrative Bioinformatics</i> , 2010, 7, .	1.0	6
9546	The effect of <i>in vitro</i> gastrointestinal digestion on the phenolic profiles, bioactivities and bioaccessibility of <i>Rhodiola</i> . <i>Food and Function</i> , 2022, 13, 5752-5765.	2.1	3
9547	Protective effect by low-intensity downhill running training against muscle damage and oxidative stress after high-intensity downhill running in rats. <i>Anais Da Academia Brasileira De Ciencias</i> , 2022, 94, e20200265.	0.3	0
9548	Evaluation of early knee osteoarthritis using biomechanical and biochemical markers. <i>Critical Reviews in Biomedical Engineering</i> , 2022, , .	0.5	1
9549	On the Mechanism of Oxygen Activation in Chemical and Biological Systems. <i>Biophysics (Russian)</i> Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.2	2
9550	Mitochondrial Dysfunction in Aging and Neurodegeneration. , 2022, , 253-278.		0

#	ARTICLE	IF	CITATIONS
9551	Flavonoids. <i>Advances in Medical Diagnosis, Treatment, and Care</i> , 2022, , 319-351.	0.1	1
9552	A Natural Bioactive Compound Lycopene and Its Role on Cancer Related to Oxidative Stress. <i>Advances in Medical Diagnosis, Treatment, and Care</i> , 2022, , 424-440.	0.1	0
9553	Pıkan Cevizi (<i>Carya illinoensis</i>) KabuÄŸunun Antikanser Aktivitesinin Ä°ncelenmesi. <i>Harran Ä°niversitesi TÄ±p FakÄ°ltesi Dergisi</i> , 0, , 131-136.	0.1	0
9554	Oxidative Status in Adult Anorexia Nervosa Patients and Healthy Controlsâ€”Results from a Cross-Sectional Pilot Study. <i>Antioxidants</i> , 2022, 11, 842.	2.2	1
9555	Medicinal Mushroom of Potential Pharmaceutical Toxic Importance: Contribution in Phytotherapy. , 0, , .		1
9556	Quantification and Improvement of the Dynamics of Human Serum Albumin and Glycated Human Serum Albumin with Astaxanthin/Astaxanthin-Metal Ion Complexes: Physico-Chemical and Computational Approaches. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4771.	1.8	5
9558	Engineering Injectable Antiâ€”Inflammatory Hydrogels to Treat Acute Myocardial Infarction. <i>Advanced NanoBiomed Research</i> , 2022, 2, .	1.7	6
9559	Curcumin and Intestinal Oxidative Stress of Pigs With Intrauterine Growth Retardation: A Review. <i>Frontiers in Nutrition</i> , 2022, 9, 847673.	1.6	10
9560	Association of the Combined Effects between Insulin-Like Growth Factor-1 Gene Polymorphisms and Negative Life Events with Major Depressive Disorder among Chinese population in the Context of Oxidative Stress. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-6.	1.9	0
9561	Superoxide Dismutase in Psychiatric Diseases. <i>Biochemistry</i> , 0, , .	0.8	2
9562	New 1,2,3â€”Triazoleâ€”Ethered Thiazolidinedione Derivatives: Synthesis, Bioevaluation and Molecular Docking Study. <i>Polycyclic Aromatic Compounds</i> , 2023, 43, 3353-3379.	1.4	1
9563	DNA Damage Increases Secreted AÎ²40 and AÎ²42 in Neuronal Progenitor Cells: Relevance to Alzheimerâ€™s Disease. <i>Journal of Alzheimer's Disease</i> , 2022, 88, 177-190.	1.2	5
9564	Rationale for the Use of Cord Blood in Hypoxic-Ischaemic Encephalopathy. <i>Stem Cells International</i> , 2022, 2022, 1-10.	1.2	0
9565	On The Radical Scavenging and DNA Repairing Activities by Natural Oxygenated Diterpenoids: Theoretical Insights. <i>Journal of Chemical Information and Modeling</i> , 2022, 62, 2365-2377.	2.5	2
9566	Sulforaphane Ameliorates Limb Ischemia/Reperfusion-Induced Muscular Injury in Mice by Inhibiting Pyroptosis and Autophagy via the Nrf2-ARE Pathway. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022, 2022, 1-9.	0.5	7
9567	Antioxidant and Anticancer Functions of Protein Acyltransferase DHHC3. <i>Antioxidants</i> , 2022, 11, 960.	2.2	2
9568	Subacute 28 days oral toxicity study of kaempferol and biochaninâ€”A in the mouse model. <i>Journal of Biochemical and Molecular Toxicology</i> , 2022, 36, e23090.	1.4	8
9569	Engineering Chemotherapeutic-Augmented Calcium Phosphate Nanoparticles for Treatment of Intraperitoneal Disseminated Ovarian Cancer. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 21954-21965.	4.0	9

#	ARTICLE	IF	CITATIONS
9570	Ubiquitin-Specific Protease 2 in the Ventromedial Hypothalamus Modifies Blood Glucose Levels by Controlling Sympathetic Nervous Activation. <i>Journal of Neuroscience</i> , 2022, 42, 4607-4618.	1.7	8
9571	Pomegranate and Its Components, Punicalagin and Ellagic Acid, Promote Antidepressant, Antioxidant, and Free Radical-Scavenging Activity in Ovariectomized Rats. <i>Frontiers in Behavioral Neuroscience</i> , 2022, 16, .	1.0	7
9572	Inhibition of Pro-Inflammatory Cytokine Secretion by Polyphenol-Rich Extracts in Macrophages via NF- κ B Pathway. <i>Food Reviews International</i> , 2023, 39, 5459-5478.	4.3	5
9573	Glatiramer Acetate Immunomodulation: Evidence of Neuroprotection and Cognitive Preservation. <i>Cells</i> , 2022, 11, 1578.	1.8	17
9574	Oxidative and mutagenic effects of low intensity microwave radiation on quail embryos. <i>Ukrainian Biochemical Journal</i> , 2022, 94, 95-104.	0.1	0
9575	Rosmarinic Acid Ameliorates Pulmonary Ischemia/Reperfusion Injury by Activating the PI3K/Akt Signaling Pathway. <i>Frontiers in Pharmacology</i> , 2022, 13, .	1.6	9
9576	Like Brothers in Arms: How Hormonal Stimuli and Changes in the Metabolism Signaling Cooperate, Leading HPV Infection to Drive the Onset of Cervical Cancer. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5050.	1.8	6
9577	Endoplasmic Reticulum Stress and the Unfolded Protein Response in Cerebral Ischemia/Reperfusion Injury. <i>Frontiers in Cellular Neuroscience</i> , 2022, 16, .	1.8	23
9578	Altered Blood Brain Barrier Permeability and Oxidative Stress in Cntnap2 Knockout Rat Model. <i>Journal of Clinical Medicine</i> , 2022, 11, 2725.	1.0	7
9579	<i>Portulaca oleracea</i> methanol extract inhibits $MMP-9$ via the inactivation of ERK and JNK in human fibrosarcoma cells. <i>Journal of Food Processing and Preservation</i> , 0, .	0.9	0
9580	Integrative omics analysis highlights the immunomodulatory effects of the parasitic dinoflagellate <i>Hematodinium</i> on crustacean hemocytes. <i>Fish and Shellfish Immunology</i> , 2022, 125, 35-47.	1.6	3
9581	Renal damage induced by cadmium and its possible therapy by mitochondrial transplantation. <i>Chemico-Biological Interactions</i> , 2022, 361, 109961.	1.7	30
9582	The effects of <i>Cyperus rotundus</i> L. extracts on the longevity of <i>Drosophila melanogaster</i> . <i>South African Journal of Botany</i> , 2022, 148, 218-227.	1.2	2
9583	Antioxidant properties of <i>Lycianthes rantonnetii</i> and contents of vitamin and element. <i>International Journal of Secondary Metabolite</i> , 2022, 9, 194-207.	0.5	0
9584	Polyphenols in Ruminant Nutrition and Their Effects on Reproduction. <i>Antioxidants</i> , 2022, 11, 970.	2.2	26
9585	Chronic low grade inflammation in aging process as a link on a chain of obesity: Related vascular disorders. , 2018, 52, 32-42.		1
9586	The relationship between insulin resistance and cardiovascular system disorders. , 2015, 49, 5-15.		3
9587	Evaluation of Ascorbic Acid Niosomes as Potential Detoxifiers in Oxidative Stress-induced HEK-293 Cells by Arsenic Trioxide. <i>Iranian Journal of Pharmaceutical Research</i> , 2022, In Press, .	0.3	0

#	ARTICLE	IF	CITATIONS
9588	Biogenic amine sensing and cancer detection in human urine based on a light-activated photocatalytic and pH-controlled probe. <i>Sensors and Actuators B: Chemical</i> , 2022, 367, 132037.	4.0	1
9589	Toxicological Aspects of Iron Oxide Nanoparticles. <i>Advances in Experimental Medicine and Biology</i> , 2022, 1357, 303-350.	0.8	5
9590	Zinc supplementation ameliorates type 2 diabetes markers through the enhancement of total antioxidant capacity in overweight patients. <i>Postgraduate Medical Journal</i> , 2023, 99, 862-867.	0.9	4
9591	Mushrooms as Potential Sources of Active Metabolites and Medicines. <i>Frontiers in Microbiology</i> , 2022, 13, 837266.	1.5	29
9592	Diagnostic value of oxidative stress markers in patients presenting with primary dysmenorrhea to the emergency department. <i>Nigerian Journal of Clinical Practice</i> , 2022, 25, 636.	0.2	1
9593	Sequential detection of hypochlorous acid and sulfur dioxide derivatives by a red-emitting fluorescent probe and bioimaging applications <i>in vitro</i> and <i>in vivo</i> . <i>RSC Advances</i> , 2022, 12, 15861-15869.	1.7	3
9596	Inhibition of Oxidative Stress: An Important Molecular Mechanism of Chinese Herbal Medicine (<i>Astragalus membranaceus</i> , <i>Carthamus tinctorius</i> L., <i>Radix Salvia Miltiorrhizae</i> , etc.) in the Treatment of Ischemic Stroke by Regulating the Antioxidant System. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-10.	1.9	13
9597	Acetochlor Affects Bighead Carp (<i>Aristichthys Nobilis</i>) by Producing Oxidative Stress, Lowering Tissue Proteins, and Inducing Genotoxicity. <i>BioMed Research International</i> , 2022, 2022, 1-12.	0.9	16
9598	Hydrolyzed Flavonoids from <i>Cyrtosperma johnstonii</i> with Superior Antioxidant, Antiproliferative, and Anti-Inflammatory Potential for Cancer Prevention. <i>Molecules</i> , 2022, 27, 3226.	1.7	4
9599	Extraction Optimization and Antioxidant Activity Evaluation of Seâ€enriched Walnut Proteins. <i>Journal of Food Processing and Preservation</i> , 0, , .	0.9	3
9600	Reactive Oxygen Species in Regulating Lymphangiogenesis and Lymphatic Function. <i>Cells</i> , 2022, 11, 1750.	1.8	9
9601	Enantioselective bioaccumulation, oxidative stress, and thyroid disruption assessment of <i>cis</i> -metconazole enantiomers in zebrafish (<i>Danio rerio</i>). <i>Aquatic Toxicology</i> , 2022, 248, 106205.	1.9	7
9602	Polysaccharide extracts from mycelia of <i>Ganoderma australe</i> : effect on dendritic cell immunomodulation and antioxidant activity. <i>Journal of Food Measurement and Characterization</i> , 2022, 16, 3251-3262.	1.6	4
9603	Spiropyran 5,6â€²-dichloro-1,3,3-trimethylspiro[indoline-2,2â€²-pyrano[3,2-h]quinoline] application as a spectrophotometric and fluorescent probe for glutathione and cysteine sensing. <i>Chemical Papers</i> , 2022, 76, 5541-5550.	1.0	3
9604	Influence of SARS-CoV-2 inactivation by different chemical reagents on the humoral response evaluated in a murine model. <i>Molecular Immunology</i> , 2022, 147, 199-208.	1.0	4
9605	Detection of the oxidation products of thiols: Disulfides, and sulfenic, sulfinic, and sulfonic acids. , 2022, , 133-152.		0
9606	Senna Tora (L.) Roxb. Leaves are the Sources of Bioactive Molecules Against Oxidants, Inflammation, and Bacterial Infection: An <i>in Vitro</i> , <i>in Vivo</i> , and <i>in Silico</i> Study. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
9607	Evaluation of the Phytonutrient Content and Antioxidant Activity of Watermelon Juice. <i>Journal of Applied Sciences</i> , 2022, 22, 196-206.	0.1	0

#	ARTICLE	IF	CITATIONS
9608	Receptor of advanced glycation end product (RAGE) polymorphism and oxidative status in Hashimoto's thyroiditis in Egyptian female patients: case control study. <i>Egyptian Journal of Medical Human Genetics</i> , 2022, 23, .	0.5	0
9609	Mode of Application of Peracetic Acid-Based Disinfectants has a Minimal Influence on the Antioxidant Defences and Mucosal Structures of Atlantic Salmon (<i>Salmo salar</i>) Parr. <i>Frontiers in Physiology</i> , 2022, 13, .	1.3	2
9610	The impact of gamma-radiation on the cerebral- and cerebellar- cortex of male rats' brain. <i>Brain Research Bulletin</i> , 2022, 186, 136-142.	1.4	3
9611	Nutritional Value, Phytochemical Potential, and Therapeutic Benefits of Pumpkin (<i>Cucurbita</i> sp.). <i>Plants</i> , 2022, 11, 1394.	1.6	18
9612	Development of HPTLC method for the simultaneous estimation of quercetin, curcumin, and ascorbic acid in herbal formulations. <i>Journal of the Iranian Chemical Society</i> , 2022, 19, 4129-4138.	1.2	4
9613	Myostatin Deficiency Enhances Antioxidant Capacity of Bovine Muscle via the SMAD-AMPK-G6PD Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-15.	1.9	7
9614	Expression Profile of mRNAs and miRNAs Related to the Oxidative-Stress Phenomenon in the Ishikawa Cell Line Treated Either Cisplatin or Salinomycin. <i>Biomedicines</i> , 2022, 10, 1190.	1.4	3
9615	Application of Green Technologies in Design-Based Extraction of <i>Celastrus paniculatus</i> (Jyotishmati) Seeds, SEM, GC-MS Analysis, and Evaluation for Memory Enhancing Potential. <i>Frontiers in Nutrition</i> , 2022, 9, .	1.6	6
9616	Crassolide Induces G2/M Cell Cycle Arrest, Apoptosis, and Autophagy in Human Lung Cancer Cells via ROS-Mediated ER Stress Pathways. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5624.	1.8	18
9617	Visceral Therapy and Physical Activity for Selected Dysfunctions, with Particular Emphasis on Locomotive Organ Pain in Pregnant Women"Importance of Reducing Oxidative Stress. <i>Antioxidants</i> , 2022, 11, 1118.	2.2	5
9618	Effects of administration of 2×10^5 adrenergic receptor agonist into psoas major muscle on inflammatory pain induced by injection of complete Freund's adjuvant in rats. <i>Molecular Pain</i> , 2022, 18, 174480692211078.	1.0	2
9619	Potential anti-hepatocellular carcinoma properties and mechanisms of action of clerodane diterpenes isolated from <i>Polyalthia longifolia</i> seeds. <i>Scientific Reports</i> , 2022, 12, .	1.6	1
9620	Dissociation of Bipyridine and Coordination with Nitrosyl: Cyclometalated Ruthenium Nitrosyl Complex. <i>Inorganic Chemistry</i> , 2022, 61, 8997-9011.	1.9	5
9621	Combined Bleaching Technique Versus At-home Bleaching" A Single-blind Randomized Controlled Trial. <i>Operative Dentistry</i> , 2022, , .	0.6	3
9622	Membrane Lipids in the Thyroid Comparing to Those in Non-Endocrine Tissues Are Less Sensitive to Pro-Oxidative Effects of Fenton Reaction Substrates. <i>Frontiers in Molecular Biosciences</i> , 2022, 9, .	1.6	3
9623	Maximal Aerobic Effort Increases Genetic Expression of HSP90AA1, HSP90AB1, and PTGES3 in Elite Taekwondo Athletes. <i>Human Physiology</i> , 2022, 48, 254-260.	0.1	0
9631	Stress Oxidative and Effect of Herbal Antioxidant in Animal Reproduction: Future and Perspective. <i>Plant Biotechnology Persa</i> , 2021, 3, 82-91.	0.2	0
9632	Catalyst-free <i>N</i> -methylation of 3-methylxanthine with dimethyl carbonate in water: green synthesis of theobromine. <i>New Journal of Chemistry</i> , 0, , .	1.4	0

#	ARTICLE	IF	CITATIONS
9633	The effect of structural configuration on the DNA binding and <i>in vitro</i> antioxidant properties of new copper(N_2O_2) Schiff base complexes. <i>New Journal of Chemistry</i> , 2022, 46, 12968-12980.	1.4	7
9634	<i>Sambucus nigra</i> flower and berry extracts for food and therapeutic applications: effect of gastrointestinal digestion on <i>in vitro</i> and <i>in vivo</i> bioactivity and toxicity. <i>Food and Function</i> , 2022, 13, 6762-6776.	2.1	5
9635	Evaluation of the effect of nitrate and chloride on Cd-induced cell oxidative stress by scanning electrochemical microscopy. <i>Analytical Methods</i> , 2022, 14, 2673-2681.	1.3	2
9636	Seaweed <i>Chara baltica</i> : Isolation, Characterization and <i>In vivo</i> Antidiabetic Study. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 0, 58, .	1.2	0
9637	Targeting Reactive Oxygen Species (ROS) for Cancer Therapy. , 2022, , 1-16.		0
9640	Synthesis and single crystal X-ray study of phenylselenyl embedded coumarin-based sensors for selective detection of superoxide. <i>Dalton Transactions</i> , 2022, 51, 10518-10526.	1.6	1
9641	Antioxidants and gastric lesions. , 2022, , 681-718.		0
9645	Superoxide dismutase. , 2022, , 139-166.		1
9647	The oxidative stress: Causes, free radicals, targets, mechanisms, affected organs, effects, indicators. , 2022, , 33-42.		0
9648	Recent Advances and the Mechanism of Astaxanthin in Ophthalmological Diseases. <i>Journal of Ophthalmology</i> , 2022, 2022, 1-11.	0.6	6
9649	Carnosol Induces p38-Mediated ER Stress Response and Autophagy in Human Breast Cancer Cells. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	14
9650	Impact of Hydrotherapy on Antioxidant Enzyme Activity in an Elderly Population. <i>Geriatrics (Switzerland)</i> , 2022, 7, 64.	0.6	1
9651	ROS and miRNA Dysregulation in Ovarian Cancer Development, Angiogenesis and Therapeutic Resistance. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6702.	1.8	15
9652	Sinapic acid Inhibits Group IIA Secretory Phospholipase A2 and Its Inflammatory Response in Mice. <i>Antioxidants</i> , 2022, 11, 1251.	2.2	1
9653	The Role of Reactive Oxygen Species in the Rheumatoid Arthritis-Associated Synovial Microenvironment. <i>Antioxidants</i> , 2022, 11, 1153.	2.2	31
9654	Pseudo-Tetrahedral Copper(I) Symmetrical Formamidinium Dithiocarbamate-Phosphine Complexes: Antibacterial, Antioxidant and Pharmacokinetics Studies. <i>Inorganics</i> , 2022, 10, 79.	1.2	3
9655	Cell-penetrating peptide-mediated delivery of therapeutic peptides/proteins to manage the diseases involving oxidative stress, inflammatory response and apoptosis. <i>Journal of Pharmacy and Pharmacology</i> , 2022, 74, 1085-1116.	1.2	5
9656	Tadalafil against hyperoxia-induced oxidative stress; an experimental study. <i>Andrologia</i> , 0, , .	1.0	2

#	ARTICLE	IF	CITATIONS
9657	Nanocomposite of MgFe ₂ O ₄ and Mn ₃ O ₄ as Polyphenol Oxidase Mimic for Sensing of Polyphenols. <i>Biosensors</i> , 2022, 12, 428.	2.3	5
9658	Immobilized enzymes as potent antibiofilm agent. <i>Biotechnology Progress</i> , 2022, 38, .	1.3	12
9659	Plant polyphenols as green sunscreen ingredients: A systematic review. <i>Journal of Cosmetic Dermatology</i> , 2022, 21, 5409-5444.	0.8	10
9661	Maternal obesity: new placental paradigms unfolded. <i>Trends in Molecular Medicine</i> , 2022, 28, 823-835.	3.5	15
9662	Review on Lemon Balm Herb and its Evaluation. <i>International Journal of Advanced Research in Science, Communication and Technology</i> , 0, , 675-683.	0.0	0
9663	Aryl Hydrocarbon Receptor in Oxidative Stress as a Double Agent and Its Biological and Therapeutic Significance. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6719.	1.8	27
9664	Psychiatric symptoms and mortality in older adults with major psychiatric disorders: results from a multicenter study. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2023, 273, 627-638.	1.8	2
9665	Attenuation of Postharvest Browning in Rambutan Fruit by Melatonin Is Associated With Inhibition of Phenolics Oxidation and Reinforcement of Antioxidative Process. <i>Frontiers in Nutrition</i> , 0, 9, .	1.6	12
9666	Overview of oxidative stress findings in hepatic encephalopathy: From cellular and ammonium-based animal models to human data. <i>Analytical Biochemistry</i> , 2022, 654, 114795.	1.1	12
9667	Protein and Sport: Alternative Sources and Strategies for Bioactive and Sustainable Sports Nutrition. <i>Frontiers in Nutrition</i> , 0, 9, .	1.6	12
9668	Extracellular Vesicles and Cancer Therapy: Insights into the Role of Oxidative Stress. <i>Antioxidants</i> , 2022, 11, 1194.	2.2	10
9669	Antioxidant, antibacterial, cytotoxicity, and phytochemical potentials of fungal bioactive secondary metabolites. <i>Journal of Basic Microbiology</i> , 2022, 62, 1379-1392.	1.8	3
9670	Buyang Huanwu Decoction Ameliorates Damage of Erectile Tissue and Function Following Bilateral Cavernous Nerve Injury. <i>Chinese Journal of Integrative Medicine</i> , 0, , .	0.7	1
9671	Optimization of Ultrasound-Assisted Extraction of Polyphenols from <i>Ilex latifolia</i> Using Response Surface Methodology and Evaluation of Their Antioxidant Activity. <i>Molecules</i> , 2022, 27, 3999.	1.7	3
9672	The "Danse Macabre" Neutrophils the Interactive Partner Affecting Oral Cancer Outcomes. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	7
9673	Antioxidant Potential of Phytoconstituents with Special Emphasis on Curcumin. , 0, , .		0
9674	Carbon Quantum Dots Based Chemosensor Array for Monitoring Multiple Metal Ions. <i>Molecules</i> , 2022, 27, 3843.	1.7	4
9675	The Putative Role of Astaxanthin in Neuroinflammation Modulation: Mechanisms and Therapeutic Potential. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	7

#	ARTICLE	IF	CITATIONS
9676	A Comprehensive Overview of the Complex Role of Oxidative Stress in Aging, The Contributing Environmental Stressors and Emerging Antioxidant Therapeutic Interventions. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	19
9677	Protective effect and mechanism of SeMet-Pro-Ser on K ₂ Cr ₂ O ₇ -induced toxicity in L-02 hepatocytes. <i>Journal of Functional Foods</i> , 2022, 95, 105148.	1.6	0
9678	Mechanism of two alkaloids isolated from coral endophytic fungus for suppressing angiogenesis in atherosclerotic plaque in HUVEC. <i>International Immunopharmacology</i> , 2022, 109, 108931.	1.7	4
9679	Oxidative stress â€“ Complex pathological issues concerning the hallmark of cardiovascular and metabolic disorders. <i>Biomedicine and Pharmacotherapy</i> , 2022, 152, 113238.	2.5	66
9680	On the reactions of Cu(II/I)ATP complexes with methyl radicals. <i>Journal of Inorganic Biochemistry</i> , 2022, 234, 111883.	1.5	0
9681	Indolyl-4H-chromenes: Multicomponent one-pot green synthesis, in vitro and in silico, anticancer and antioxidant studies. <i>Journal of Molecular Structure</i> , 2022, 1266, 133464.	1.8	15
9682	Which UV wavelength is the most effective for chlorine-resistant bacteria in terms of the impact of activity, cell membrane and DNA?. <i>Chemical Engineering Journal</i> , 2022, 447, 137584.	6.6	17
9683	Higher dietary total antioxidant capacity is inversely associated with <i>Helicobacter pylori</i> infection among adults: A caseâ€“control study. <i>Indian Journal of Gastroenterology</i> , 2022, 41, 258-265.	0.7	3
9686	Ferrocene-appended anthraquinone and coumarin as redox-active cytotoxins. <i>Dalton Transactions</i> , 2022, 51, 11437-11447.	1.6	4
9687	Biomarkers of Oxidative Stress in Neonatal Hypoxic-Ischemic Encephalopathy. <i>Biomarkers in Disease</i> , 2022, , 1-24.	0.0	0
9688	Bioactive properties, antibacterial activity, and color features of <i>Polygonum cognatum</i> : The effects of frozen storage and cooking process. <i>Food Science and Technology</i> , 0, 42, .	0.8	3
9690	A perylene diimide-based fluorescent probe for the selective detection of hypochlorite in living cells. <i>Materials Chemistry Frontiers</i> , 2022, 6, 2266-2273.	3.2	4
9691	Current trends in green processing: Improvements of food product. , 2022, , 165-180.		0
9692	D ^{1/4} zenli olarak uygulanan orta ÅŸiddetteki egzersiz programÄ±nÄ±n tiyol/disÅŸid homeostazÄ± ve iskemi modifiye albÅŸmin ÅŸizerine etkisi. <i>Acta Medica Alanya</i> , 0, , .	0.2	0
9693	The Impact of Mitochondrial Dysfunction in Amyotrophic Lateral Sclerosis. <i>Cells</i> , 2022, 11, 2049.	1.8	28
9694	A new mitochondrial probe combining pyrene and a triphenylphosphonium salt for cellular oxygen and free radical detection via fluorescence lifetime measurements. <i>Free Radical Research</i> , 2022, 56, 258-272.	1.5	5
9695	Potential of dried bread enriched with red palm oil to improve lipid profile, and control oxidative stress: An experimental study in adult men with dyslipidaemia. , 2022, 29, 686-697.		0
9696	A Comprehensive Study on the Mechanistic Way of Hexaflumuron and Hymexazol Induced Neurobehavioral Toxicity in Rats. <i>Neurochemical Research</i> , 2022, 47, 3051-3062.	1.6	6

#	ARTICLE	IF	CITATIONS
9697	Free and Bound Phenolic Profiles of <i>Rosa roxburghii</i> Tratt Leaves and Their Antioxidant and Inhibitory Effects on α -Glucosidase. <i>Frontiers in Nutrition</i> , 0, 9, .	1.6	6
9698	Systemic oxidative stress in children with cystic fibrosis with bacterial infection including <i>Pseudomonas Aeruginosa</i> . <i>Clinical Respiratory Journal</i> , 2022, 16, 475-483.	0.6	2
9699	Hesperidin and Hesperetin Protect against Oxidative Stress on Hepatic Toxicity in Rats. <i>Journal of Korean Medicine for Obesity Research</i> , 2022, 22, 1-10.	0.7	0
9700	Herb and Spices in Colorectal Cancer Prevention and Treatment: A Narrative Review. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	153
9701	Antioxidant activity and protective effect of methyl gallate against t-BHP induced oxidative stress through inhibiting ROS production. <i>Food Science and Biotechnology</i> , 2022, 31, 1063-1072.	1.2	3
9702	Roles of stress response-related signaling and its contribution to the toxicity of zearalenone in mammals. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2022, 21, 3326-3345.	5.9	10
9703	Impact of a Redox Balance on Polysaccharides in an Aqueous Solution. <i>Physics of Wave Phenomena</i> , 2022, 30, 209-216.	0.3	0
9704	Light Emitting Diode Photobiomodulation Enhances Oxidative Redox Capacity in Murine Macrophages Stimulated with Bothrops jararacussu Venom and Isolated PLA2s. <i>BioMed Research International</i> , 2022, 2022, 1-9.	0.9	3
9705	Procyanidin B2 Alleviates Heat-Induced Oxidative Stress through the Nrf2 Pathway in Bovine Mammary Epithelial Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7769.	1.8	4
9706	Identification of Potential Inhibitors From <i>Urginea indica</i> Metabolites Against <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> and Magnaporthe <i>oryzae</i> Receptors. <i>Frontiers in Agronomy</i> , 0, 4, .	1.5	1
9707	Nutrition, Healthcare Benefits and Phytochemical Properties of Cassava (<i>Manihot esculenta</i>) Leaves Sourced from Three Countries (Reunion, Guinea, and Costa Rica). <i>Foods</i> , 2022, 11, 2027.	1.9	5
9708	Use of Melatonin as a Feed Additive. , 0, , .		0
9709	Melittin-derived peptides exhibit variations in cytotoxicity and antioxidant, anti-inflammatory and allergenic activities. <i>Animal Cells and Systems</i> , 2022, 26, 158-165.	0.8	7
9710	PredAoDP: Accurate identification of antioxidant proteins by fusing different descriptors based on evolutionary information with support vector machine. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2022, 228, 104623.	1.8	9
9711	Polyphenols: Bioavailability, Microbiome Interactions and Cellular Effects on Health in Humans and Animals. <i>Pathogens</i> , 2022, 11, 770.	1.2	18
9712	Antiaging Mechanism of Natural Compounds: Effects on Autophagy and Oxidative Stress. <i>Molecules</i> , 2022, 27, 4396.	1.7	7
9713	Roles of Reactive Oxygen Species in Vascular Complications of Diabetes: Therapeutic Properties of Medicinal Plants and Food. <i>Oxygen</i> , 2022, 2, 246-268.	1.6	12
9714	Effect of Gastric Bypass Surgery on the Oxidative Stress Status in Morbidly Obese Patients. <i>Indian Journal of Surgery</i> , 0, , .	0.2	0

#	ARTICLE	IF	CITATIONS
9715	Toxicological and transcriptomic effects in <i>Mythimna separata</i> (Lepidoptera: Noctuidae) exposed to chlorantraniliprole and functional characterization of glutathione S-transferases. <i>Pest Management Science</i> , 2022, 78, 4517-4532.	1.7	9
9716	Using anti-malondialdehyde-modified peptide adduct autoantibodies in serum of taiwanese women to diagnose primary Sjogren's syndrome. <i>Clinical Biochemistry</i> , 2022, , .	0.8	1
9717	Involvement of ferroptosis in <i>Porphyromonas gingivalis</i> lipopolysaccharide-stimulated periodontitis in vitro and in vivo. <i>Oral Diseases</i> , 2023, 29, 3571-3582.	1.5	11
9718	Methodological confounds of measuring urinary oxidative stress in wild animals. <i>Ecology and Evolution</i> , 2022, 12, .	0.8	5
9719	An Evidence-Based Review of Application Devices for Nitric Oxide Concentration Determination from Exhaled Air in the Diagnosis of Inflammation and Treatment Monitoring. <i>Molecules</i> , 2022, 27, 4279.	1.7	3
9720	ANTIOXIDANT ACTIVITY OF TEMBESU (<i>Fagraea fragrans</i> Roxb.) LEAF. <i>Biovalentia: Biological Research Journal</i> , 2022, 8, 96-102.	0.1	0
9721	Reactive Oxygen Species in the Adverse Outcome Pathway Framework: Toward Creation of Harmonized Consensus Key Events. <i>Frontiers in Toxicology</i> , 0, 4, .	1.6	14
9723	Urine Oxidative Stress Biomarkers as Novel Biomarkers in Interstitial Cystitis/Bladder Pain Syndrome. <i>Biomedicines</i> , 2022, 10, 1701.	1.4	13
9724	Nutritional properties of wheat flour supplemented with modified tacca (<i>Tacca involucreta</i>) flour for production of healthy biscuits. <i>Bulletin of the National Research Centre</i> , 2022, 46, .	0.7	2
9725	Effects of bioactive compounds from <i>Pleurotus</i> mushrooms on COVID-19 risk factors associated with the cardiovascular system. <i>Journal of Integrative Medicine</i> , 2022, 20, 385-395.	1.4	7
9726	Synthesis of Novel Aminothiazole Derivatives as Promising Antiviral, Antioxidant and Antibacterial Candidates. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7688.	1.8	8
9727	Saponins and their derivatives: Potential candidates to alleviate anthracycline-induced cardiotoxicity and multidrug resistance. <i>Pharmacological Research</i> , 2022, 182, 106352.	3.1	11
9728	Reduced white matter microstructural integrity in prediabetes and diabetes: A population-based study. <i>EBioMedicine</i> , 2022, 82, 104144.	2.7	10
9729	Catalase regulates the homeostasis of hemolymph microbiota and autophagy of the hemocytes in mud crab (<i>Scylla paramamosain</i>). <i>Aquaculture Reports</i> , 2022, 25, 101237.	0.7	1
9730	Antioxidant and analgesic potential of butorphanol in dogs undergoing ovariohysterectomy. <i>Theriogenology</i> , 2022, 190, 1-7.	0.9	2
9731	Oxidative stress, aging, antioxidant supplementation and their impact on human health: An overview. <i>Mechanisms of Ageing and Development</i> , 2022, 206, 111707.	2.2	29
9732	Crystallographic study, biological assessment and POM/Docking studies of pyrazoles-sulfonamide hybrids (PSH): Identification of a combined Antibacterial/Antiviral pharmacophore sites leading to in-silico screening the anti-Covid-19 activity. <i>Journal of Molecular Structure</i> , 2022, 1267, 133605.	1.8	26
9733	Hazards related to the presence of cadmium in food " Studies on the European soil centipede, <i>Lithobius forficatus</i> . <i>Science of the Total Environment</i> , 2022, 845, 157298.	3.9	7

#	ARTICLE	IF	CITATIONS
9735	CONTEMPORARY PERCEPTION OF ANTIOXIDANT SYSTEM OF HUMAN ORGANISM. <i>Ekologiya Cheloveka (Human Ecology)</i> , 2013, 20, 50-58.	0.2	26
9736	Dynamically Phototunable and Redox-Responsive Hybrid Supramolecular Hydrogels for 3D Culture of Chondrocytes. <i>Macromolecular Chemistry and Physics</i> , 2022, 223, .	1.1	1
9737	Pharmacological Basis for Abrogating Myocardial Reperfusion Injury Through a Multi-Target Combined Antioxidant Therapy. <i>Clinical Pharmacokinetics</i> , 2022, 61, 1203-1218.	1.6	3
9738	The Role of Concomitant Nrf2 Targeting and Stem Cell Therapy in Cerebrovascular Disease. <i>Antioxidants</i> , 2022, 11, 1447.	2.2	3
9739	<scp>Brain-“immune</scp> interaction mechanisms: Implications for cognitive dysfunction in psychiatric disorders. <i>Cell Proliferation</i> , 2022, 55, .	2.4	14
9740	Toxicological evaluation of PLA/PVA-naringenin nanoparticles: In vitro and in vivo studies. <i>OpenNano</i> , 2022, 7, 100061.	1.8	2
9741	Evaluation of functional and bioactive properties of crude gill extract of <i>Tor putitora</i> using different assays. <i>International Journal of Food Science and Technology</i> , 2022, 57, 6459-6470.	1.3	0
9742	Potential targets and treatments affect oxidative stress in gliomas: An overview of molecular mechanisms. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	5
9743	Butein Ameliorates Oxidative Stress in H9c2 Cardiomyoblasts through Activation of the NRF2 Signaling Pathway. <i>Antioxidants</i> , 2022, 11, 1430.	2.2	2
9744	Collocation of Malondialdehyde and Superoxide Dismutase Levels in Chronic Periodontitis and Pruning them Post-scaling and Root Planing Coupled with Vitamin E Supplementation. <i>World Journal of Dentistry</i> , 2022, 13, 503-507.	0.1	1
9745	Zinc in Cognitive Impairment and Aging. <i>Biomolecules</i> , 2022, 12, 1000.	1.8	15
9746	Flavonoids from <i>Lycium barbarum</i> leaves attenuate obesity through modulating glycolipid levels, oxidative stress, and gut bacterial composition in high-fat diet-fed mice. <i>Frontiers in Nutrition</i> , 0, 9, .	1.6	4
9747	Recent advances in bioactive peptides from cereal-derived Foodstuffs. <i>International Journal of Food Sciences and Nutrition</i> , 2022, 73, 875-888.	1.3	2
9748	Cold Atmospheric Pressure Plasma Is Effective against <i>P. gingivalis</i> (HW24D-1) Mature Biofilms and Non-Genotoxic to Oral Cells. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 7247.	1.3	7
9749	Carotenoids in Human Skin In Vivo: Antioxidant and Photo-Protectant Role against External and Internal Stressors. <i>Antioxidants</i> , 2022, 11, 1451.	2.2	26
9750	Effect of quercetin on muscle growth and antioxidant status of the dark sleeper <i>Odontobutis potamophila</i> . <i>Frontiers in Genetics</i> , 0, 13, .	1.1	3
9751	Transcriptome changes in stages of non-alcoholic fatty liver disease. <i>World Journal of Hepatology</i> , 2022, 14, 1382-1397.	0.8	5
9752	The Influence of MicroRNA-31 on Oxidative Stress and Radiosensitivity in Pancreatic Ductal Adenocarcinoma. <i>Cells</i> , 2022, 11, 2294.	1.8	5

#	ARTICLE	IF	CITATIONS
9753	A new colorimetric method for determining antioxidant levels using 3,5-dibromo-4-nitrosobenzene sulfonate (DBNBS). <i>MethodsX</i> , 2022, , 101797.	0.7	0
9754	Oxidative stress parameters and antioxidants in adults with unipolar or bipolar depression versus healthy controls: Systematic review and meta-analysis. <i>Journal of Affective Disorders</i> , 2022, 314, 211-221.	2.0	18
9755	AUTHORS AND INSTITUTIONS. , 2019, , 307-308.		0
9756	What are inorganic nanozymes? Artificial or inorganic enzymes. <i>New Journal of Chemistry</i> , 2022, 46, 15273-15291.	1.4	4
9757	The Role of Ipomoea batatas Leaves Extract as a Potent Antioxidant and Anti-inflammatory in Rats Fed High-fat Diet. <i>Research Journal of Pharmacy and Technology</i> , 2022, , 2395-2401.	0.2	1
9758	Oxidative stress and antioxidant activity in female dogs undergoing laparoscopic and open elective ovariectomy. <i>Indian Journal of Animal Sciences</i> , 2022, 92, 825-829.	0.1	3
9759	Study of morphological and biochemical blood composition in rats on the background of quercetin loading. <i>Vestnik Medicinskogo Instituta REAVIZ ReabilitaciÄ, VraÄl ZdorovĚ1e</i> , 2022, 12, 14-21.	0.1	1
9760	Superoxide-like Cu/GO single-atom catalysts nanozyme with high specificity and activity for removing superoxide free radicals. <i>Nano Research</i> , 2022, 15, 8804-8809.	5.8	20
9761	The Association Between the Risk of Breast Cancer and Epigallocatechin- 3-Gallate Intake: A Literature Review of a Potential Chemopreventive Agent. <i>Current Medicinal Chemistry</i> , 2022, 29, 6169-6196.	1.2	1
9762	Oxidative Stress and Psychiatric Disorders: Evidence from the Bidirectional Mendelian Randomization Study. <i>Antioxidants</i> , 2022, 11, 1386.	2.2	24
9763	Genistin modulates high-mobility group box protein 1 (HMGB1) and nuclear factor kappa-B (NF-Î¸B) in Ehrlich-ascites-carcinoma-bearing mice. <i>Environmental Science and Pollution Research</i> , 2023, 30, 966-978.	2.7	5
9764	Brain Energy Metabolism in Ischemic Stroke: Effects of Smoking and Diabetes. <i>International Journal of Molecular Sciences</i> , 2022, 23, 8512.	1.8	11
9765	The Relationship between Exercise and Salivary Oxidative Stress: A Systematic Review. <i>Antioxidants</i> , 2022, 11, 1489.	2.2	4
9766	Decrease of activity of antioxidant enzymes, lysozyme content, and protein degradation in milk contaminated with heavy metals (cadmium and lead). <i>JDS Communications</i> , 2022, 3, 312-316.	0.5	1
9767	Protective Role of Mitochondrial Uncoupling Proteins against Age-Related Oxidative Stress in Type 2 Diabetes Mellitus. <i>Antioxidants</i> , 2022, 11, 1473.	2.2	15
9768	Antioxidant Activity of Fucoidan Modified with Gallic Acid Using the Redox Method. <i>Marine Drugs</i> , 2022, 20, 490.	2.2	4
9769	Further insights into the impact of rebamipide on gentamicin-induced nephrotoxicity in rats: modulation of SIRT1 and Î¸2-catenin/cyclin D1 pathways. <i>Drug and Chemical Toxicology</i> , 0, , 1-13.	1.2	2
9770	Markers of Oxidative Stress in Obstetrics and GynaecologyâA Systematic Literature Review. <i>Antioxidants</i> , 2022, 11, 1477.	2.2	7

#	ARTICLE	IF	CITATIONS
9771	Role of the NRG1/ErbB4 and PI3K/AKT/mTOR signaling pathways in the anti-psychotic effects of aripiprazole and sertindole in ketamine-induced schizophrenia-like behaviors in rats. <i>Inflammopharmacology</i> , 2022, 30, 1891-1907.	1.9	10
9772	Direct Interaction between N-Acetylcysteine and Cytotoxic Electrophile—An Overlooked In Vitro Mechanism of Protection. <i>Antioxidants</i> , 2022, 11, 1485.	2.2	15
9773	Application of nanomedicine and mesenchymal stem cells in burn injuries for the elderly patients. <i>Smart Materials in Medicine</i> , 2023, 4, 78-90.	3.7	3
9774	Effect of Green Tea and Tea Catechin on the Visual Motion Processing for Optokinetic Responses in Mice. <i>Neuroscience</i> , 2022, , .	1.1	1
9775	Vitamin E administration as preventive measures for peritoneal/intra-abdominal adhesions: A systematic review and meta-analysis. <i>Annals of Medicine and Surgery</i> , 2022, 80, .	0.5	4
9776	Anti-Inflammatory Activity of an In Vitro Digested Anthocyanin-Rich Extract on Intestinal Epithelial Cells Exposed to TNF- α . <i>Molecules</i> , 2022, 27, 5368.	1.7	7
9777	Correlation between the NMR Chemical Shifts and Thiolate Protonation Constants of Cysteamine, Homocysteine, and Penicillamine. <i>Journal of Spectroscopy</i> , 2022, 2022, 1-8.	0.6	0
9779	Antioxidative properties of phenolic compounds and their effect on oxidative stress induced by severe physical exercise. <i>Journal of Physiological Sciences</i> , 2022, 72, .	0.9	41
9780	The potential of gas plasma technology for targeting breast cancer. <i>Clinical and Translational Medicine</i> , 2022, 12, .	1.7	9
9781	Prenatal effects of alprazolam treatment on the immature cerebellum of rats. <i>International Journal of Developmental Neuroscience</i> , 0, , .	0.7	0
9782	Hippocampal circuit dysfunction in psychosis. <i>Translational Psychiatry</i> , 2022, 12, .	2.4	8
9784	Perspectives on the Molecular Mediators of Oxidative Stress and Antioxidant Strategies in the Context of Neuroprotection and Neurolongevity: An Extensive Review. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-20.	1.9	11
9785	Associations between childhood maltreatment and oxidative nucleoside damage in affective disorders. <i>European Psychiatry</i> , 2022, 65, .	0.1	3
9786	Current Use of Fenton Reaction in Drugs and Food. <i>Molecules</i> , 2022, 27, 5451.	1.7	27
9787	The Effect of Nitric Oxide Synthase Inhibition in Developing Chick Embryo Lungs. <i>Cell and Tissue Biology</i> , 2022, 16, 352-363.	0.2	0
9789	Long-Time Oxygen Localization in Electron Transfer Flavoprotein. <i>Journal of Chemical Information and Modeling</i> , 2022, 62, 4191-4199.	2.5	5
9790	The Prognostic Value of Derivatives-Reactive Oxygen Metabolites (d-ROMs) for Cardiovascular Disease Events and Mortality: A Review. <i>Antioxidants</i> , 2022, 11, 1541.	2.2	12
9791	Effects of Different Calorie Restriction Protocols on Oxidative Stress Parameters in a Transgenic Mouse Model of Breast Cancer. <i>Cureus</i> , 2022, , .	0.2	0

#	ARTICLE	IF	CITATIONS
9792	Antioxidant Effect of Coenzyme Q10 in the Prevention of Oxidative Stress in Arsenic-Treated CHO-K1 Cells and Possible Participation of Zinc as a Pro-Oxidant Agent. <i>Nutrients</i> , 2022, 14, 3265.	1.7	7
9793	HPLC-DAD profiling, enzyme inhibitory, antihemolytic, and photoprotective activities of <i>Limonium delicatulum</i> leaf extract. <i>Biocatalysis and Agricultural Biotechnology</i> , 2022, 43, 102438.	1.5	1
9794	New Approach to the Detection of Short-Lived Radical Intermediates. <i>Journal of the American Chemical Society</i> , 2022, 144, 15969-15976.	6.6	24
9795	Synthesis and antioxidant activity of 3-(2-R-ylidenehydrazinyl)-6-tert-butyl-4H-[1,2,4]triazin-5-ones. <i>Pharmacia</i> , 2022, 69, 719-731.	0.4	0
9796	Construction of an in vivo NIR fluorescent probe for revealing the correlation between inflammation and mitochondrial hydrogen sulfide and viscosity. <i>Bioorganic Chemistry</i> , 2022, 129, 106107.	2.0	11
9797	Hepatoprotective Effect of <i>Opuntia robusta</i> Fruit Biocomponents in a Rat Model of Thioacetamide-Induced Liver Fibrosis. <i>Plants</i> , 2022, 11, 2039.	1.6	3
9798	Lysosomal K ⁺ channel TMEM175 promotes apoptosis and aggravates symptoms of Parkinson's disease. <i>EMBO Reports</i> , 2022, 23, .	2.0	11
9799	Oxidative Stress and DNA Damage in Peripheral Blood Mononuclear Cells from Normal, Obese, Prediabetic and Diabetic Persons Exposed to Thyroid Hormone In Vitro. <i>International Journal of Molecular Sciences</i> , 2022, 23, 9072.	1.8	2
9800	A review: Systematic research approach on toxicity model of liver and kidney in laboratory animals. <i>Animal Models and Experimental Medicine</i> , 2022, 5, 436-444.	1.3	4
9801	Machine Learning Assistants Construct Oxidative Stress-Related Gene Signature and Discover Potential Therapy Targets for Acute Myeloid Leukemia. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-11.	1.9	4
9802	Gallic acid ameliorates atherosclerosis and vascular senescence and remodels the microbiome in a sex-dependent manner in ApoE ^{-/-} mice. <i>Journal of Nutritional Biochemistry</i> , 2022, 110, 109132.	1.9	15
9803	Tissue Heavy Metals in Liver Diseases. <i>Transplantation Proceedings</i> , 2022, 54, 1859-1864.	0.3	3
9804	Virgin coconut oil: A comprehensive review of antioxidant activity and mechanisms contributed by phenolic compounds. <i>Critical Reviews in Food Science and Nutrition</i> , 2024, 64, 1052-1075.	5.4	12
9805	Phosphorescent Ir(III) Complexes for Biolabeling and Biosensing. <i>Topics in Current Chemistry</i> , 2022, 380, .	3.0	3
9806	Platinum-based nanocomposites loaded with MTH1 inhibitor amplify oxidative damage for cancer therapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, 218, 112715.	2.5	5
9807	Protective effects of ZIP8 on <i>Toxoplasma gondii</i> -induced acute hepatocyte injury in mice. <i>Acta Tropica</i> , 2022, 234, 106629.	0.9	3
9808	Potent inhibitory activity of hydroxylated 2-benzylidene-3,4-dihydronaphthalen-1(2H)-ones on LPS-stimulated reactive oxygen species production in RAW 264.7 macrophages. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2022, 73, 128921.	1.0	2
9809	Caloric restriction: Anti-inflammatory and antioxidant mechanisms against epileptic seizures. <i>Epilepsy Research</i> , 2022, 186, 107012.	0.8	1

#	ARTICLE	IF	CITATIONS
9810	Neuroprotection by melatonin against acrylamide-induced brain damage in pinealectomized rats. <i>Journal of Chemical Neuroanatomy</i> , 2022, 125, 102143.	1.0	6
9811	Mn-doped single atom nanozyme composited Au for enhancing enzymatic and photothermal therapy. <i>Journal of Colloid and Interface Science</i> , 2022, 628, 419-434.	5.0	7
9812	Analysis of SOD2 rs4880 Genetic Variant in Patients with Alzheimer's Disease. <i>Current Issues in Molecular Biology</i> , 2022, 44, 4406-4414.	1.0	5
9813	The effects of asthma on the oxidative stress, inflammation, and endothelial dysfunction in children with pneumonia. <i>BMC Pediatrics</i> , 2022, 22, .	0.7	1
9814	Fibroblast growth factor 7 alleviates myocardial infarction by improving oxidative stress via PI3K/AKT-mediated regulation of Nrf2 and HXK2. <i>Redox Biology</i> , 2022, 56, 102468.	3.9	9
9815	Essential metals in health and disease. <i>Chemico-Biological Interactions</i> , 2022, 367, 110173.	1.7	179
9816	Anti-inflammatory and antioxidant activities of methanol extract of Piper betle Linn. (Piper betle L.) leaves and stems by inhibiting NF- κ B/MAPK/Nrf2 signaling pathways in RAW 264.7 macrophages. <i>Biomedicine and Pharmacotherapy</i> , 2022, 155, 113734.	2.5	15
9817	Too depressed to breathe: The longitudinal association between depressive symptoms and lung function among general middle-aged and older adults. <i>Archives of Gerontology and Geriatrics</i> , 2022, 103, 104797.	1.4	1
9818	Anticancer activity of an Artemisia annua L. hydroalcoholic extract on canine osteosarcoma cell lines. <i>Research in Veterinary Science</i> , 2022, 152, 476-484.	0.9	6
9819	A quinoline-based indicator for NAD(P)H multimodal detection in vitro and in vivo: Spectrophotometry and visible near-infrared dual-channel lighting-up fluorescence imaging. <i>Sensors and Actuators B: Chemical</i> , 2022, 373, 132694.	4.0	7
9820	Flow injection spectrophotometric determination total antioxidant capacity in human serum samples based on response surface methodology to optimize synthesized peroxidase-like activity carbon dots. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2023, 284, 121832.	2.0	4
9821	The growth performance, antioxidative status and muscle quality of grass carp (<i>Ctenopharyngodon</i>) Tj ETQq1 1 0.784314 rg β T /Over bo	1.7	3
9822	Isatin derived novel Schiff bases: An efficient pharmacophore for versatile biological applications. <i>Journal of Molecular Structure</i> , 2023, 1271, 134121.	1.8	5
9823	Role of pyridines as enzyme inhibitors in medicinal chemistry. , 2023, , 207-252.		0
9824	Effects of Artichoke Supplementation on Liver Enzymes: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. <i>Clinical Nutrition Research</i> , 2022, 11, 228.	0.5	2
9825	Natural Compound-Based Nanoparticles to Target Free Radicals in Cancer. , 2022, , 745-758.		0
9826	Antioxidant and pro-oxidant phytochemicals in ultrasound and microwave assisted extracts from hop cones: a statistical modelling approach. <i>Food and Function</i> , 2022, 13, 9589-9601.	2.1	3
9827	Biomarkers of the Toxic Effects of Chemotherapeutic Agents: A Focus on Antimalarials. <i>Biomarkers in Disease</i> , 2022, , 1-27.	0.0	1

#	ARTICLE	IF	CITATIONS
9829	Targeting Reactive Oxygen Species (ROS) for Cancer Therapy. , 2022, , 3181-3196.		0
9830	Role of Indian Ginseng Withaferin A in ROS-Induced Cancer Chemoprevention and Cancer Therapy. , 2022, , 327-349.		0
9831	Efficacy of Synthetic Organic Molecule Inhibitors of TRAF2 and NCK-Interacting Kinase (TNIK) Against Colorectal Cancer. , 2022, , 949-975.		0
9832	Role of Carotenoids in Preventing Oxidative Stressâ€œInduced Cancer. , 2022, , 351-363.		0
9833	Evaluation of Mitochondrial Turnover Using Fluorescence Microscopy in Drosophila. Bio-protocol, 2022, 12, .	0.2	1
9834	Effects of Calcium Levels on Mitochondrial Structure and Function of Yeast Under High Glucose Stress. SSRN Electronic Journal, 0, , .	0.4	0
9835	Supramolecular Assemblies of Copper(Ii) Complexes with Hydrazone Based Ligand: Biomimetic Synthesis, Hirshfeld Surface Analysis, Biological Activity and Quntum Chemical Study. SSRN Electronic Journal, 0, , .	0.4	0
9836	Juglans regia L.. , 2022, , 347-357.		0
9837	Oxidative stress and thiol/disulfide homeostasis in human papillomavirus infections. Indian Journal of Dermatology, 2022, 67, 228.	0.1	1
9838	Evaluation of the Anticancer Activities of Isatin-Based Derivatives. , 2022, , 923-947.		1
9839	Some Oxidative Stress Biomarkers among Patients with Prostate Cancer in Sokoto, North Western Nigeria. Open Journal of Blood Diseases, 2022, 12, 60-78.	0.1	0
9840	A focusing study on radioprotective and antioxidant effects of <i>Annona muricata</i> leaf extract in the circulation and liver tissue: Clinical and experimental studies. Open Chemistry, 2022, 20, 920-928.	1.0	1
9841	A Ratiometric Fluorescence-Based Colorimetric Sensor for the Portable Analysis of Antioxidants Via Smartphone. SSRN Electronic Journal, 0, , .	0.4	0
9842	Pregnancy: pre-eclampsia and diet. , 2022, , .		0
9843	Phytochemical and Antioxidant Profile: Cucumber Pulp and Leaves Extracts. Open Access Macedonian Journal of Medical Sciences, 2022, 10, 616-622.	0.1	3
9844	Prooxidant-antioxidant balance â€œ relationship with kidney damage in type 2 diabetes mellitus. Medicina Sâ€™ogodnÃƒ¸ Zavtra, 2022, 91, 72-82.	0.0	0
9845	FarklÃƒ¸ BÃƒ¸lgelerden Ãƒ¸ki HÃƒ¸nnap Meyvesinin In silico Tahmin ve In vitro Antioksidan Aktiviteleri. TÃƒ¸rk DoÃƒ¸ya Ve Fen Dergisi, 0, , .	0.2	0
9846	Seasonal Change in Phytochemical Composition and Biological Activities of Carissa macrocarpa (Eckl.) A. DC. Leaf Extract. Horticulturae, 2022, 8, 780.	1.2	9

#	ARTICLE	IF	CITATIONS
9847	The potential role of ischaemiaâ€œreperfusion injury in chronic, relapsing diseases such as rheumatoid arthritis, Long COVID, and ME/CFS: evidence, mechanisms, and therapeutic implications. <i>Biochemical Journal</i> , 2022, 479, 1653-1708.	1.7	27
9848	Mitochondrial Medicine: A Promising Therapeutic Option Against Various Neurodegenerative Disorders. <i>Current Neuropharmacology</i> , 2023, 21, 1165-1183.	1.4	7
9849	Antioxidant Activity and Î±-Glucosidase Inhibitory Activity of Red Kale (<i>Brassica oleracea</i> L. var.) Tj ETQq0 0 0 rgBT /Overlock 10 Tt <i>Food Science and Nutrition</i> , 2022, 51, 819-828.	0.2	1
9850	Elite <i>Zingiber</i> extracts as potential free radical scavengers and radioprotectors. <i>International Journal of Food Properties</i> , 2022, 25, 1890-1906.	1.3	0
9852	Radical Scavenging Active Compound Screening Analysis in Extract of <i>Coffea arabica</i> L. Leaves. <i>Korean Journal of Medicinal Crop Science</i> , 2022, 30, 264-277.	0.1	2
9853	Investigation of the role of CYP1A1 and CYP1B1 expressions in obesity susceptibility. TÃ¼rk DoÄŸa Ve Fen Dergisi, 0, , .	0.2	0
9854	Antioxidant, antidiabetic and anti-inflammatory activities of bitter melon extracts obtained by ultrasonic-assisted extraction. <i>Korean Journal of Food Preservation</i> , 2022, 29, 777-789.	0.2	0
9855	Mechanism of hydrogen protection on high intensity sports injury in rats through antioxidation and its improvement of intestinal flora function. <i>Science and Sports</i> , 2023, 38, 161-173.	0.2	1
9856	The physiological and pathological mechanisms of early embryonic development. <i>Fundamental Research</i> , 2022, 2, 859-872.	1.6	1
9857	pH-responsive theranostic nanoplatform of ferrite and ceria co-engineered nanoparticles for anti-inflammatory. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 10, .	2.0	5
9858	Relationship between the Antioxidant Activity and Allelopathic Activities of 55 Chinese Pharmaceutical Plants. <i>Plants</i> , 2022, 11, 2481.	1.6	3
9859	Effect of hypoxia and uremia on oxidative stress on erythrocytes from hemodialysis patients. <i>Cell Biochemistry and Function</i> , 2022, 40, 856-864.	1.4	0
9860	Cellular and molecular alterations in neurons and glial cells in inherited retinal degeneration. <i>Frontiers in Neuroanatomy</i> , 0, 16, .	0.9	5
9861	Relationship between Glutathione-Dependent Enzymes and the Immunohistochemical Profile of Glial Neoplasms. <i>Biomedicines</i> , 2022, 10, 2393.	1.4	0
9862	Scavenging Capacity of Extracts of <i>Arrabidaea chica</i> Leaves from the Amazonia against ROS and RNS of Physiological and Food Relevance. <i>Antioxidants</i> , 2022, 11, 1909.	2.2	1
9863	Identification of cross-talk pathways and ferroptosis-related genes in periodontitis and type 2 diabetes mellitus by bioinformatics analysis and experimental validation. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	11
9864	Oxidative stress-mediated beta cell death and dysfunction as a target for diabetes management. <i>Frontiers in Endocrinology</i> , 0, 13, .	1.5	20
9865	The Status of Oxidative Stress in Patients with Alcohol Dependence: A Meta-Analysis. <i>Antioxidants</i> , 2022, 11, 1919.	2.2	7

#	ARTICLE	IF	CITATIONS
9866	Pathophysiology of Ischemic Stroke: Noncoding RNA Role in Oxidative Stress. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-12.	1.9	6
9867	Mitochondrial oxidative stress in the tumor microenvironment and cancer immunoescape: foe or friend?. <i>Journal of Biomedical Science</i> , 2022, 29, .	2.6	63
9868	Investigation of Oxidative Stress Level and Antioxidant Enzyme Activities in Operated and Nonoperated Patients with Spontaneous Intracerebral Hematoma. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , 2024, 85, 021-025.	0.4	0
9869	Structure-activity relationship of a housefly neuroprotective dodecapeptide that activates the nuclear factor erythroid 2-related factor 2 pathway. <i>Journal of Natural Medicines</i> , 0, , .	1.1	1
9870	Can Seed Priming with Seaweed Extract Neutralize the Effects of Salinity on New Red Fire Leafy Lettuce Characteristics?. <i>Gesunde Pflanzen</i> , 2023, 75, 955-969.	1.7	4
9871	A novel near-infrared fluorescent probe for rapid sensing of HClO in living cells and zebrafish. <i>Frontiers in Chemistry</i> , 0, 10, .	1.8	1
9872	Antioxidant and antiradical activities depend on adrenal tumor type. <i>Frontiers in Endocrinology</i> , 0, 13, .	1.5	2
9873	Phragmanthera austroarabica A.G.Mill. and J.A.Nyberg Triggers Apoptosis in MDA-MB-231 Cells In Vitro and In Vivo Assays: Simultaneous Determination of Selected Constituents. <i>Metabolites</i> , 2022, 12, 921.	1.3	2
9874	Bacillus subtilis Protects the Ducks from Oxidative Stress Induced by Escherichia coli: Efficacy and Molecular Mechanism. <i>Antioxidants</i> , 2022, 11, 1951.	2.2	0
9875	Astragaloside IV supplementation attenuates cognitive impairment by inhibiting neuroinflammation and oxidative stress in type 2 diabetic mice. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	7
9876	Heterofunctionalized polyphenolic dendrimers decorated with caffeic acid: Synthesis, characterization and antioxidant activity. <i>Sustainable Materials and Technologies</i> , 2022, 33, e00497.	1.7	1
9877	The Synergistic Effects of Ultrasound Waves and Ethanol Exposure on Intracellular Calcium and Reactive Oxygen Species Rates of Hippocampal Cells During the Embryonic Course in Rats. <i>Turk Noroloji Dergisi = Turkish Journal of Neurology</i> , 2023, 28, 254-259.	0.1	1
9878	Diosmin prophylaxis reduces gentamicin-induced kidney damage in rats. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2023, 396, 63-71.	1.4	5
9879	Nano-mediated Strategies for Metal Ion-Induced Neurodegenerative Disorders: Focus on Alzheimer's and Parkinson's Diseases. <i>Current Pharmacology Reports</i> , 2022, 8, 450-463.	1.5	3
9880	Gambogenic acid induces apoptosis and autophagy through ROS-mediated endoplasmic reticulum stress via JNK pathway in prostate cancer cells. <i>Phytotherapy Research</i> , 2023, 37, 310-328.	2.8	10
9881	Systematic Review of the Role of Alpha-Protein Kinase 1 in Cancer and Cancer-Related Inflammatory Diseases. <i>Cancers</i> , 2022, 14, 4390.	1.7	3
9882	A mini-review of the effects of inhalational and intravenous anesthetics on oxidative stress in dogs. <i>Frontiers in Veterinary Science</i> , 0, 9, .	0.9	0
9884	Antioxidant Activity of New Copolymer Conjugates of Methoxyoligo(Ethylene Glycol)Methacrylate and Betulin Methacrylate with Cerium Oxide Nanoparticles In Vitro. <i>Molecules</i> , 2022, 27, 5894.	1.7	5

#	ARTICLE	IF	CITATIONS
9885	Small Peptides from <i>Periplaneta americana</i> Inhibits Oxidative Stress-Induced KGN Cell Apoptosis by Regulating Mitochondrial Function Through Bcl2L13. <i>Reproductive Sciences</i> , 0, , .	1.1	1
9886	Phytochemical Variation of Native Apple Germplasm Resources from the Eastern Black Sea Region, Turkey. <i>Erwerbs-Obstbau</i> , 2022, 64, 685-695.	0.5	2
9887	Profile of Selected Secondary Metabolites and Antioxidant Activity of Valerian and Lovage Grown in Organic and Low-Input Conventional System. <i>Metabolites</i> , 2022, 12, 835.	1.3	1
9888	Research progress in the preparation, structural characterization, bioactivities, and potential applications of sulfated agarans from the genus <i>Gracilaria</i> . <i>Journal of Food Biochemistry</i> , 2022, 46, .	1.2	2
9889	Recent advances in the antioxidant activity and mechanisms of chalcone derivatives: a computational review. <i>Free Radical Research</i> , 2022, 56, 378-397.	1.5	22
9890	Proximate Composition, Phytochemical Profile, Antioxidant, Antidiabetic and Anti-inflammatory Properties of <i>Justicia carnea</i> Leaf Powder. <i>Black Sea Journal of Agriculture</i> , 2022, 5, 415-423.	0.1	4
9891	Detection of Reactive Oxygen and Nitrogen Species by Upconversion Nanoparticle-Based Near-Infrared Nanoprobes: Recent Progress and Perspectives. <i>Chemistry - A European Journal</i> , 2022, 28, .	1.7	8
9892	Phytochemical Characterization, Anti-Oxidant, Anti-Enzymatic and Cytotoxic Effects of <i>Artemisia verlotiorum</i> Lamotte Extracts: A New Source of Bioactive Agents. <i>Molecules</i> , 2022, 27, 5886.	1.7	7
9893	Biogenic Selenium Nanoparticles and Their Anticancer Effects Pertaining to Probiotic Bacteria—A Review. <i>Antioxidants</i> , 2022, 11, 1916.	2.2	9
9894	Sugar and Biochemical Composition of Some Apple Cultivar Grown in the Middle Black Sea Region. <i>Journal of Agricultural Faculty of Gaziosmanpasa University</i> , 0, , .	0.1	1
9895	Protective effect of plant compounds in pesticides toxicity. <i>Journal of Environmental Health Science & Engineering</i> , 2022, 20, 1035-1045.	1.4	5
9896	Polysaccharides from tropical green seaweed <i>Chaetomorpha antennina</i> induces non-specific immune responses and improves antioxidative activities in common carp (<i>Cyprinus carpio</i>) leukocyte culture cell line. <i>Algal Research</i> , 2022, 67, 102872.	2.4	2
9897	From Small Peptides to Large Proteins against Alzheimer's Disease. <i>Biomolecules</i> , 2022, 12, 1344.	1.8	5
9898	Hypoplasia of dopaminergic neurons by hypoxia-induced neurotoxicity is associated with disrupted swimming development of larval zebrafish. <i>Frontiers in Cellular Neuroscience</i> , 0, 16, .	1.8	2
9899	Pharmacotherapeutic potential of pomegranate in age-related neurological disorders. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	5
9900	Effects of Housing and Management Systems on the Growth, Immunity, Antioxidation, and Related Physiological and Biochemical Indicators of Donkeys in Cold Weather. <i>Animals</i> , 2022, 12, 2405.	1.0	2
9901	Therapeutic implications of glycogen synthase kinase-3 β in Alzheimer's disease: a novel therapeutic target. <i>International Journal of Neuroscience</i> , 0, , 1-17.	0.8	3
9902	Association of oxidative stress and Kashin-Beck disease integrated Meta and Bioinformatics analysis. <i>Osteoarthritis and Cartilage</i> , 2022, 30, 1606-1615.	0.6	3

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9903	UHPLC-ESI-QTOF-MS/MS Based Identification, Quantification, and Assessment of <i>in Silico</i> Molecular Interactions of Major Phytochemicals from Bioactive Fractions of <i>Clerodendrum glandulosum</i> Lindl. Leaves. <i>Chemistry and Biodiversity</i> , 2022, 19, .	1.0	3
9904	The Anticancer Potential of Plant-Derived Nutraceuticals via the Modulation of Gene Expression. <i>Plants</i> , 2022, 11, 2524.	1.6	14
9905	Bioactive Diarylpentanoids: Insights into the Biological Effects beyond Antitumor Activity and Structure-Activity Relationships. <i>Molecules</i> , 2022, 27, 6340.	1.7	3
9906	Antioxidant activity and redox properties of cis-2,4,5-tris(hydroxyaryl)imidazolines. <i>Mendeleev Communications</i> , 2022, 32, 680-682.	0.6	0
9907	Dietary total anti-oxidant capacity is inversely related to the prevalence of depression in adolescent girls. <i>BMC Pediatrics</i> , 2022, 22, .	0.7	3
9908	Forsythiaside Protected H9c2 Cardiomyocytes from H ₂ O ₂ -Induced Oxidative Stress and Apoptosis via Activating Nrf2/HO-1 Signaling Pathway. <i>International Heart Journal</i> , 2022, 63, 904-914.	0.5	2
9909	SERS monitoring of photoinduced-enhanced oxidative stress amplifier on Au@carbon dots for tumor catalytic therapy. <i>Light: Science and Applications</i> , 2022, 11, .	7.7	34
9910	Anti-inflammatory agents as modulators of the inflammation in adipose tissue: A systematic review. <i>PLoS ONE</i> , 2022, 17, e0273942.	1.1	9
9911	Exposure to pyrazosulfuron-ethyl induces immunotoxicity and behavioral abnormalities in zebrafish embryos. <i>Fish and Shellfish Immunology</i> , 2022, 131, 119-126.	1.6	4
9912	Glutathione deficiency in the pathogenesis of SARS-CoV-2 infection and its effects upon the host immune response in severe COVID-19 disease. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	9
9913	Effects of vitamin D supplementation on muscle function and recovery after exercise-induced muscle damage: A systematic review. <i>Journal of Human Nutrition and Dietetics</i> , 2023, 36, 1068-1078.	1.3	4
9914	Nanozyme-encoded luminescent detection for food safety analysis: An overview of mechanisms and recent applications. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2022, 21, 5077-5108.	5.9	14
9915	Cancer metastasis chemoprevention prevents circulating tumour cells from germination. <i>Signal Transduction and Targeted Therapy</i> , 2022, 7, .	7.1	9
9916	<i>Prunella vulgaris</i> leaf extract assisted green synthesis of silver nanoparticles: Antimicrobial activity. <i>Materials Today: Proceedings</i> , 2023, 79, 107-112.	0.9	1
9917	Antioxidant Activity and Reactive Oxygen Species (ROS) Scavenging Mechanism of <i>Eriodictyon californicum</i> , an Edible Herb of North America. <i>Journal of Chemistry</i> , 2022, 2022, 1-8.	0.9	4
9918	Association of Peroxisomes, Reactive Oxygen Species (ROS) and Antioxidants: Insights from Preclinical and Clinical Evaluations. <i>Physiology</i> , 0, , .	4.0	1
9919	The pro- and anti-tumoral properties of gap junctions in cancer and their role in therapeutic strategies. <i>Redox Biology</i> , 2022, 57, 102503.	3.9	4
9920	Redox state associated with antitumor and immunomodulatory peptides in cancer. <i>Archives of Biochemistry and Biophysics</i> , 2022, 730, 109414.	1.4	2

#	ARTICLE	IF	CITATIONS
9921	Modulatory effects of selected compounds on oxidative stress in hydrogen peroxide-induced <i>Drosophila melanogaster</i> . <i>Pharmacological Research Modern Chinese Medicine</i> , 2022, 5, 100169.	0.5	2
9923	Structure design mechanisms and inflammatory disease applications of nanozymes. <i>Nanoscale</i> , 2022, 15, 14-40.	2.8	9
9924	Nano-integrated cascade antioxidases opsonized by albumin bypass the blood-brain barrier for treatment of ischemia-reperfusion injury. <i>Biomaterials Science</i> , 2022, 10, 7103-7116.	2.6	7
9925	Biochemical Indices of Drug Toxicity. , 2022, , 347-367.		0
9926	Cytotoxicity and Genotoxicity of Khat (<i>Catha edulis</i> Forsk). , 2022, , 1739-1749.		0
9927	Grape seed proanthocyanidin extract induces apoptotic and autophagic cell death in rheumatoid arthritis fibroblast-like synoviocytes. <i>Archives of Rheumatology</i> , 2022, 37, 393-403.	0.3	0
9928	Inhibitory Effect of Aqueous Extract from Yerba Mate (<i>Ilex paraguariensis</i>) on the Process of Lipid Peroxidation of Liposomal Membranes. <i>Biophysics (Russian Federation)</i> , 2022, 67, 541-548.	0.2	2
9929	Changes in the Antioxidant Properties of the Blood in Rats with Achilles Tendon Injury Treated by Mesenchymal Stem Cell Therapy. <i>Biophysics (Russian Federation)</i> , 2022, 67, 623-628.	0.2	0
9930	The design, synthesis, antioxidant, and antihypoxia activities of two new hydroxydaidzein derivatives. <i>Journal of Chemical Research</i> , 2022, 46, 174751982211315.	0.6	1
9932	Anticholinesterase Activity of Selected Medicinal Plants from Navarra Region of Spain and a Detailed Phytochemical Investigation of <i>Origanum vulgare</i> L. ssp. <i>vulgare</i> . <i>Molecules</i> , 2022, 27, 7100.	1.7	4
9933	Design of Dual-responsive ROS/RSS Fluorescent Probes and Their Application in Bioimaging. <i>Chemistry - an Asian Journal</i> , 2022, 17, .	1.7	11
9934	Investigation of the physiological response of radiation-induced cystitis patients using hyperbaric oxygen. <i>Clinical and Translational Radiation Oncology</i> , 2022, , .	0.9	0
9935	Photochemistry, Functional Properties, Food Applications, and Health Prospective of Black Rice. <i>Journal of Chemistry</i> , 2022, 2022, 1-21.	0.9	9
9936	Irrigation with water enriched with seaweed extract to overcome effects of salinity in "New red fire" leafy lettuce cultivation. <i>International Journal of Vegetable Science</i> , 2023, 29, 128-144.	0.6	5
9937	Research Progress of Antioxidant Nanomaterials for Acute Pancreatitis. <i>Molecules</i> , 2022, 27, 7238.	1.7	1
9938	Pharmacological and Therapeutic Applications of Esculetin. <i>International Journal of Molecular Sciences</i> , 2022, 23, 12643.	1.8	16
9939	Electrochemical Quantification of H ₂ O ₂ Released by Airway Cells Growing in Different Culture Media. <i>Micromachines</i> , 2022, 13, 1762.	1.4	6
9940	Effect of Empagliflozin on Thioacetamide-Induced Liver Injury in Rats: Role of AMPK/SIRT-1/HIF-1 β Pathway in Halting Liver Fibrosis. <i>Antioxidants</i> , 2022, 11, 2152.	2.2	22

#	ARTICLE	IF	CITATIONS
9941	A Reversible Fluorescent Probe Based on a Redox-Switchable Excited-State Intramolecular Proton-Transfer Active Metal-Organic Framework for Detection and Imaging of Highly Reactive Oxygen Species in Live Cells. <i>ACS Applied Bio Materials</i> , 2022, 5, 5165-5173.	2.3	4
9942	Autoantibodies Against ROS-Human Serum Albumin-A Potent Immunological marker in Depressed Individuals with Smoking History. <i>Romanian Journal of Laboratory Medicine</i> , 2022, 30, 399-411.	0.1	1
9943	Dietary Intake, Nutritional Adequacy, and Food Sources of Selected Antioxidant Minerals and Vitamins; and Their Relationship with Personal and Family Factors in Spanish Children Aged 1 to 10 Years: Results from the EsNuPI Study. <i>Nutrients</i> , 2022, 14, 4132.	1.7	5
9944	Effects of Total Flavonoids of <i>Artemisia ordosica</i> on Growth Performance, Oxidative Stress, and Antioxidant Status of Lipopolysaccharide-Challenged Broilers. <i>Antioxidants</i> , 2022, 11, 1985.	2.2	8
9945	Effects of exercise modalities on decreased blood pressure in patients with hypertension. <i>Frontiers in Physiology</i> , 0, 13, .	1.3	1
9946	Effects of a catechins-enriched diet associated with moderate physical exercise in the prevention of hypertension in spontaneously hypertensive rats. <i>Scientific Reports</i> , 2022, 12, .	1.6	4
9947	The Role of the Thioredoxin System in Brain Diseases. <i>Antioxidants</i> , 2022, 11, 2161.	2.2	15
9948	Pathology and prevention of brain microvascular and neuronal dysfunction induced by a high-fructose diet in rats. <i>Metabolic Brain Disease</i> , 2023, 38, 269-286.	1.4	1
9949	Pharmacognostic evaluation of <i>Eranthemum indicum</i> extracts for its in-vitro antioxidant activity, acute toxicology, and investigation of potent bioactive phytochemicals using HPTLC and GCMS. <i>Beni-Suef University Journal of Basic and Applied Sciences</i> , 2022, 11, .	0.8	0
9950	Toxicity of the microcystin-producing cyanobacteria <i>Microcystis aeruginosa</i> to shrimp <i>Litopenaeus vannamei</i> . <i>Ecotoxicology</i> , 2022, 31, 1403-1412.	1.1	2
9951	Evaluation of metabolic and oxidative profile in ovine pregnancy toxemia and to determine their association with diagnosis and prognosis of disease. <i>Tropical Animal Health and Production</i> , 2022, 54, .	0.5	6
9952	Dietary Restriction against Parkinson's Disease: What We Know So Far. <i>Nutrients</i> , 2022, 14, 4108.	1.7	1
9953	Theaflavin-3,3-Digallate Plays a ROS-Mediated Dual Role in Ferroptosis and Apoptosis via the MAPK Pathway in Human Osteosarcoma Cell Lines and Xenografts. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 1-20.	1.9	10
9954	Differential H3K9me2 heterochromatin levels and concordant mRNA expression in postmortem brain tissue of individuals with schizophrenia, bipolar, and controls. <i>Frontiers in Psychiatry</i> , 0, 13, .	1.3	1
9955	Natural Active Ingredients for Poly (Lactic Acid)-Based Materials: State of the Art and Perspectives. <i>Antioxidants</i> , 2022, 11, 2074.	2.2	4
9956	Characterization and valorization of a biosurfactant produced by <i>Aeromonas salmonicida</i> isolated from the marchika lagoon of Nador. <i>Biocatalysis and Agricultural Biotechnology</i> , 2022, 45, 102523.	1.5	0
9957	Is iron status associated with markers of non-communicable disease in adolescent Indian children?. <i>European Journal of Clinical Nutrition</i> , 2023, 77, 173-181.	1.3	2
9958	Metallothionein-1 is Positively Correlated with Inflammation and Ankylosing Spondylitis Activity. <i>Journal of Inflammation Research</i> , 0, Volume 15, 5935-5944.	1.6	1

#	ARTICLE	IF	CITATIONS
9959	Catequinas del t� verde: efectos antigenot�xicos y genot�xicos. Revisi�n sistem�tica. Archivos Latinoamericanos De Nutricion, 2022, 72, 205-217.	0.3	0
9960	RONS and Oxidative Stress: An Overview of Basic Concepts. Oxygen, 2022, 2, 437-478.	1.6	62
9961	The Influence of Cationic Nitrosyl Iron Complex with Penicillamine Ligands on Model Membranes, Membrane-Bound Enzymes and Lipid Peroxidation. Membranes, 2022, 12, 1088.	1.4	2
9962	A comparative analysis of antioxidant system and bioremediation of chromium in Pseudomonas sp. Cr13 and its transgenic strain F1251. Environmental Technology and Innovation, 2022, 28, 102935.	3.0	0
9963	Diversity of Natural Bioactive Compound in Plant Origin. , 0, , .		0
9964	Glutathione: A Samsonian life-sustaining small molecule that protects against oxidative stress, ageing and damaging inflammation. Frontiers in Nutrition, 0, 9, .	1.6	33
9965	COVID-19 pandemic lesson learned- critical parameters and research needs for UVC inactivation of viral aerosols. Journal of Hazardous Materials Advances, 2022, 8, 100183.	1.2	2
9966	Pathogenicity and virulence of <i>Mycobacterium leprae</i>. Virulence, 2022, 13, 1985-2011.	1.8	12
9967	SOCS5 knockdown suppresses metastasis of hepatocellular carcinoma by ameliorating HIF-1�-dependent mitochondrial damage. Cell Death and Disease, 2022, 13, .	2.7	2
9968	Therapeutic strategies for liver diseases based on redox control systems. Biomedicine and Pharmacotherapy, 2022, 156, 113764.	2.5	1
9969	Therapy of rheumatoid arthritis by reactive oxygen species-responsive celastrol-loaded nanomedicines via targeting macrophages apoptosis. Materials and Design, 2022, 224, 111298.	3.3	2
9970	Photo-tuneable protein nitration by sensitiser tris(bipyridine)-Ruthenium(II) chloride complex. Nitric Oxide - Biology and Chemistry, 2022, 129, 63-73.	1.2	0
9971	Design, synthesis and biological evaluation of pyranocarbazole derivatives against Alzheimer�s disease, with antioxidant, neuroprotective and cognition enhancing properties. Bioorganic Chemistry, 2022, 129, 106179.	2.0	4
9972	Tea catechins as potent antioxidant and anti-inflammatory agents: possibilities of drug development to promote healthy aging. , 2023, , 253-269.		1
9973	Next generation biosurfactants and their practical application in the food sector. , 2023, , 349-360.		0
9974	Glycolipid biosurfactants: Biosynthesis and related potential applications in food industry. , 2023, , 307-334.		4
9975	Free radical as a double-edged sword in disease: Deriving strategic opportunities for nanotherapeutics. Coordination Chemistry Reviews, 2023, 475, 214875.	9.5	34
9976	Mitochondrion at the crossroads between nutrients and the epigenome. , 2023, , 71-92.		0

#	ARTICLE	IF	CITATIONS
9978	Effects of alendronate and risedronate therapy on hepatic antioxidant enzyme activity and lipid peroxidation in ovariectomized rats. Turkish Journal of Medical Sciences, 0, , .	0.4	2
9979	In silico study of natural antioxidants. Vitamins and Hormones, 2023, , 1-43.	0.7	2
9980	Strategic design of photofunctional transition metal complexes for cancer diagnosis and therapy. Advances in Inorganic Chemistry, 2022, , .	0.4	0
9981	Pathophysiology of HIV and strategies to eliminate AIDS as a public health threat. , 2023, , 339-376.		1
9982	Sirt6 mediates antioxidative functions by increasing Nrf2 abundance. Experimental Cell Research, 2023, 422, 113409.	1.2	5
9983	Phytochemical Composition and Antioxidant and Anti-Inflammatory Activities of Ligularia fischeri Turcz: A Comparison between Leaf and Root Extracts. Plants, 2022, 11, 3005.	1.6	2
9984	Anxiety, Insomnia, and Memory Impairment in Metabolic Syndrome Rats Are Alleviated by the Novel Functional Ingredients from Anacardium occidentale. Antioxidants, 2022, 11, 2203.	2.2	3
9985	Highly potent anti-inflammatory, analgesic and antioxidant activities of 3,5-disubstituted tetrahydro-2H-1,3,5-thiadiazine thiones. Bioorganic and Medicinal Chemistry Letters, 2022, , 129068.	1.0	0
9986	Antioxidant, Anti-Î±-Glucosidase, Antityrosinase, and Anti-Inflammatory Activities of Bioactive Components from Morus alba. Antioxidants, 2022, 11, 2222.	2.2	3
9987	In Vitro Evaluation of Anti-Inflammatory and Protective Potential of an Extract from Cornus mas L. Fruit against H ₂ O ₂ -Induced Oxidative Stress in Human Skin Keratinocytes and Fibroblasts. International Journal of Molecular Sciences, 2022, 23, 13755.	1.8	6
9988	â€œK-Powderâ€•Exposure during Adolescence Elicits Psychiatric Disturbances Associated with Oxidative Stress in Female Rats. Pharmaceuticals, 2022, 15, 1373.	1.7	1
9989	Grape juice reduces the effects of amyloid Î² aggregation phenotype and extends the longevity in <i>Caenorhabditis elegans</i> . Nutritional Neuroscience, 2023, 26, 1147-1158.	1.5	1
9990	Amlodipine: Can act as an antioxidant in patients with transfusionâ€•dependent Î²â€•thalassemia? A doubleâ€•blind, controlled, crossover trial. Journal of Clinical Laboratory Analysis, 0, , .	0.9	2
9991	Phenolic Compounds from the Fruits of <i>Prunus davidiana</i> (Rosaceae) and Their Antioxidant Activities. Chemistry and Biodiversity, 2023, 20, .	1.0	1
9992	Antioxidants, Antimicrobial, and Anticancer Activities of Purified Chitinase of Talaromyces funiculosus Strain CBS 129594 Biosynthesized Using Crustacean Bio-Wastes. Agronomy, 2022, 12, 2818.	1.3	10
9993	Cynara scolymus L. YapraÄ±n Farklı Ekstraktlarda Invitro Aktioksidan Aktivitelerinin ve Makro ve Mikro Element Seviyelerinin Belirlenmesi. Kocatepe Veteriner Dergisi, 0, , .	0.2	0
9995	Does Oxidative Stress Along with Dysbiosis Participate in the Pathogenesis of Asthma in the Obese?. Cell Biochemistry and Biophysics, 2023, 81, 117-126.	0.9	5
9996	Characterization and Anti-Aging Activity of Polysaccharides from Akebia trifoliata Fruit Separated by an Aqueous Two-Phase System. Plant Foods for Human Nutrition, 0, , .	1.4	6

#	ARTICLE	IF	CITATIONS
9997	Bioactive Compounds from Elderberry: Extraction, Health Benefits, and Food Applications. <i>Processes</i> , 2022, 10, 2288.	1.3	10
9998	Zearalenone Exposure Affects the Keap1-Nrf2 Signaling Pathway and Glucose Nutrient Absorption Related Genes of Porcine Jejunal Epithelial Cells. <i>Toxins</i> , 2022, 14, 793.	1.5	1
9999	Antibodies-Abzymes with Antioxidant Activities in Two Th and 2D2 Experimental Autoimmune Encephalomyelitis Mice during the Development of EAE Pathology. <i>Molecules</i> , 2022, 27, 7527.	1.7	1
10000	Triterpenoids and Polysaccharides from <i>Ganoderma lucidum</i> Improve the Histomorphology and Function of Testes in Middle-Aged Male Mice by Alleviating Oxidative Stress and Cellular Apoptosis. <i>Nutrients</i> , 2022, 14, 4733.	1.7	5
10001	Mechanisms underlying acupuncture therapy in chronic kidney disease: A narrative overview of preclinical studies and clinical trials. , 0, 2, .		1
10002	Biomarkers of the Toxic Effects of Chemotherapeutic Agents: A Focus on Antimalarials. <i>Biomarkers in Disease</i> , 2023, , 1-27.	0.0	1
10003	Reproductive toxicity and underlying mechanisms of fine particulate matter (PM2.5) on <i>Caenorhabditis elegans</i> in different seasons. <i>Ecotoxicology and Environmental Safety</i> , 2022, 248, 114281.	2.9	8
10004	Garlic (<i>Allium sativum</i>) polysaccharides ameliorates hepatic injury and fat accumulation in mice with metabolic associated fatty liver disease (MAFLD). <i>Journal of Functional Foods</i> , 2022, 99, 105342.	1.6	0
10005	Melatonin as an Antioxidant Agent in Stroke: An Updated Review. , 2022, 13, 1823.		6
10006	Investigation of the protective effects of lutein on memory and learning using behavioral methods in a male rat model of Alzheimer's disease. <i>Journal of Functional Foods</i> , 2022, 99, 105319.	1.6	9
10007	Lonicera caerulea polyphenols inhibit fat absorption by regulating Nrf2-ARE pathway mediated epithelial barrier dysfunction and special microbiota. <i>Food Science and Human Wellness</i> , 2023, 12, 1309-1322.	2.2	4
10008	Computational and experimental therapeutic efficacy analysis of andrographolide phospholipid complex self-assembled nanoparticles against Neuro2a cells. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2022, , 130283.	1.1	1
10010	Reductive Stress and Male Infertility. <i>Advances in Experimental Medicine and Biology</i> , 2022, , 311-321.	0.8	4
10011	Antioxidants: mechanisms of action and therapeutic applications. <i>Medic Ro</i> , 2022, 6, 8.	0.0	1
10012	Major depression and the biological hallmarks of aging. <i>Ageing Research Reviews</i> , 2023, 83, 101805.	5.0	13
10013	Exopolysaccharides produced by <i>Enterococcus</i> genus " An overview. <i>International Journal of Biological Macromolecules</i> , 2023, 226, 111-120.	3.6	2
10014	Mitochondrial physiology: An overview. , 2023, , 1-27.		0
10015	The scavenging mechanism of aminopyrines towards hydroxyl radical: A computational mechanistic and kinetics investigation. <i>Computational and Theoretical Chemistry</i> , 2023, 1219, 113973.	1.1	1

#	ARTICLE	IF	CITATIONS
10016	Protective effects of alpha-mangostin encapsulated in cyclodextrin-nanoparticle on cerebral ischemia. <i>Journal of Controlled Release</i> , 2023, 353, 216-228.	4.8	4
10017	Molecular markers of mitochondrial intoxication. , 2023, , 29-47.		0
10018	Pharmacognostic, physicochemical, phytochemical, nutraceutical evaluation and in vitro antioxidant potency of <i>Habenaria intermedia</i> D. Donâ€™A rare orchid. <i>South African Journal of Botany</i> , 2023, 152, 278-287.	1.2	2
10019	Sirt3 activates autophagy to prevent DOX-induced senescence by inactivating PI3K/AKT/mTOR pathway in A549 cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2023, 1870, 119411.	1.9	8
10020	Balanced basal-levels of ROS (redox-biology), and very-low-levels of pro-inflammatory cytokines (cold-inflammaging), as signaling molecules can prevent or slow-down overt-inflammaging, and the aging-associated decline of adaptive-homeostasis. <i>Experimental Gerontology</i> , 2023, 172, 112067.	1.2	7
10021	4-oxoquinoline-3-carboxamide acyclonucleoside phosphonates hybrids: Human MCF-7 breast cancer cell death induction by oxidative stress-promoting and in silico ADMET studies. <i>Journal of Molecular Structure</i> , 2023, 1276, 134542.	1.8	3
10022	Molecular mechanisms underlying hyperglycemia associated cognitive decline. <i>IBRO Neuroscience Reports</i> , 2023, 14, 57-63.	0.7	13
10023	Biological activity and chemical composition of native fruits: a review. <i>Agrociencia Uruguay</i> , 2021, 25, .	0.1	0
10024	Natural Products as the Modulators of Oxidative Stress: An Herbal Approach in the Management of Prostate Cancer. <i>Advances in Experimental Medicine and Biology</i> , 2022, , 161-179.	0.8	5
10025	Deciphering the Nexus Between Oxidative Stress and Spermatogenesis: A Compendious Overview. <i>Advances in Experimental Medicine and Biology</i> , 2022, , 1-16.	0.8	2
10026	<i>Michelia Champaca</i> L. modulates superoxide dismutase and apoptosis-regulating proteins in hippocampus of middle-aged female rats. <i>Journal of Microscopy and Ultrastructure</i> , 2023, .	0.1	0
10027	MT-CO1 expression in nine organs and tissues of different-aged MRL/lpr mice: Investigation of mitochondrial respiratory chain dysfunction at organ level in systemic lupus erythematosus pathogenesis. <i>Archives of Rheumatology</i> , 2022, 37, 504-516.	0.3	1
10028	Catechins and Theaflavins: An Overview on Therapeutic Application. <i>Journal of Natural Remedies</i> , 0, , 330-346.	0.1	1
10029	The danger of hyperoxia on the rat kidneys: is tadalafil a real shield?. <i>International Urology and Nephrology</i> , 0, , .	0.6	0
10030	The Microalga <i>Skeletonema marinoi</i> Induces Apoptosis and DNA Damage in K562 Cell Line by Modulating NADPH Oxidase. <i>Molecules</i> , 2022, 27, 8270.	1.7	1
10031	Prevention of Oxidative Stress and Diseases by Antioxidant Supplementation. <i>Medicinal Chemistry</i> , 2023, 19, 509-537.	0.7	3
10032	Profiling of mitochondrial heteroplasmy in single human oocytes by nextâ€™generation sequencing. <i>Molecular Reproduction and Development</i> , 0, , .	1.0	0
10033	Antioxidant Intervention against Male Infertility: Time to Design Novel Strategies. <i>Biomedicines</i> , 2022, 10, 3058.	1.4	10

#	ARTICLE	IF	CITATIONS
10034	Recent Updates on Source, Biosynthesis, and Therapeutic Potential of Natural Flavonoid Luteolin: A Review. <i>Metabolites</i> , 2022, 12, 1145.	1.3	28
10035	Maternal catalase supplementation regulates fatty acid metabolism and antioxidant ability of lactating sows and their offspring. <i>Frontiers in Veterinary Science</i> , 0, 9, .	0.9	1
10037	Carbon Dot Biopolymer-Based Flexible Functional Films for Antioxidant and Food Monitoring Applications. <i>ACS Applied Polymer Materials</i> , 2022, 4, 9323-9340.	2.0	40
10038	Field relevant doses of the fipronil affects gene expression in honey bees <i>Apis mellifera</i> . <i>Apidologie</i> , 2022, 53, .	0.9	2
10039	Effect of Phytosynthesized Selenium and Cerium Oxide Nanoparticles on Wheat (<i>Triticum aestivum</i> L.) against Stripe Rust Disease. <i>Molecules</i> , 2022, 27, 8149.	1.7	18
10040	Effects of guava (<i>Psidium guajava</i> L.) and bhumi amla (<i>Phyllanthus amarus</i> Chum et Thonn) extracts on haematological parameters and oxidative stress of striped catfish (<i>Pangasianodon hypophthalmus</i>) fingerlings exposed to high-temperature stress. <i>Can Tho University Journal of Science</i> , 2022, 14, 78-91.	0.1	0
10041	<i>In vitro</i> and <i>Ex vivo</i> Antioxidant Activity and Sustained Release Properties of Sinomenine-Loaded Liposomes-in-Hydrogel Biomaterials Simulating Cells-in-Extracellular Matrix. <i>Natural Product Communications</i> , 2022, 17, 1934578X2211306.	0.2	2
10042	Proteome changes in autosomal recessive primary microcephaly. <i>Annals of Human Genetics</i> , 0, , .	0.3	1
10043	Ultrasmall iron-quercetin metal natural product nanocomplex with antioxidant and macrophage regulation in rheumatoid arthritis. <i>Acta Pharmaceutica Sinica B</i> , 2023, 13, 1726-1739.	5.7	9
10045	Two Theorems and Important Insight on How the Preferred Mechanism of Free Radical Scavenging Cannot Be Settled. Comment on Pandithavidana, D.R.; Jayawardana, S.B. Comparative Study of Antioxidant Potential of Selected Dietary Vitamins; Computational Insights. <i>Molecules</i> 2019, 24, 1646. <i>Molecules</i> , 2022, 27, 8092.	1.7	4
10046	Regulatory Components of Oxidative Stress and Inflammation and Their Complex Interplay in Carcinogenesis. <i>Applied Biochemistry and Biotechnology</i> , 2023, 195, 2893-2916.	1.4	7
10047	Evaluation of Toxic Effects Induced by Sub-Acute Exposure to Low Doses of $\hat{\pm}$ -Cypermethrin in Adult Male Rats. <i>Toxics</i> , 2022, 10, 717.	1.6	7
10049	Effects of Glycyrrhizin (GL) Supplementation on Survival, Growth Performance, Expression of Feeding-Related Genes, Activities of Digestive Enzymes, Antioxidant Capacity, and Expression of Inflammatory Factors in Large Yellow Croaker (<i>Larimichthys crocea</i>) Larvae. <i>Aquaculture Nutrition</i> , 2022, 2022, 1-11.	1.1	3
10050	Electrocatalytic Cascade Selective Approach to 3-Aryl-2' <i>H</i> , 3 <i>H</i> , 4 <i>H</i> -Spiro{Furo[2,3- <i>N</i>]Chromene-2,5'-Pyrimidine}-2',4,4',6'(1' <i>H</i> , 3' <i>H</i>)Tetraones and Its Automatic Screening Docking Studies. <i>Polycyclic Aromatic Compounds</i> , 2023, 43, 8356-8370.	1.4	0
10052	Antidiabetic Potential of Novel 1,3,5-Trisubstituted-2-Thioxoimidazolidin-4-One Analogues: Insights into $\hat{\pm}$ -Glucosidase, $\hat{\pm}$ -Amylase, and Antioxidant Activities. <i>Pharmaceutics</i> , 2022, 15, 1576.	1.7	8
10053	Potential Benefits of Lycopene Consumption: Rationale for Using It as an Adjuvant Treatment for Malaria Patients and in Several Diseases. <i>Nutrients</i> , 2022, 14, 5303.	1.7	3
10054	Purification, Identification and Molecular Docking of Novel Antioxidant Peptides from Walnut (<i>Juglans regia</i> L.) Protein Hydrolysates. <i>Molecules</i> , 2022, 27, 8423.	1.7	7
10055	Recent Advances in Natural Polyphenol Research. <i>Molecules</i> , 2022, 27, 8777.	1.7	26

#	ARTICLE	IF	CITATIONS
10056	Design, Synthesis, Molecular Docking and Antioxidant Evaluation of Benzimidazole-1,3,4 oxadiazole Derivatives. <i>Journal of Molecular Structure</i> , 2023, 1276, 134747.	1.8	8
10057	The role of mitochondria-associated membranes mediated ROS on NLRP3 inflammasome in cardiovascular diseases. <i>Frontiers in Cardiovascular Medicine</i> , 0, 9, .	1.1	7
10058	Influence of Anthropogenic Activities on Redox Regulation and Oxidative Stress Responses in Different Phyla of Animals in Coastal Water via Changing in Salinity. <i>Water (Switzerland)</i> , 2022, 14, 4026.	1.2	8
10059	Glutathione and Its Metabolic Enzymes in Glioma Tumor Tissue and the Peritumoral Zone at Different Degrees of Anaplasia. <i>Current Issues in Molecular Biology</i> , 2022, 44, 6439-6449.	1.0	1
10060	The cytological and electrophysiological effects of silver nanoparticles on neuron-like PC12 cells. <i>PLoS ONE</i> , 2022, 17, e0277942.	1.1	2
10061	Alpha-Lipoic Acid as an Antioxidant Strategy for Managing Neuropathic Pain. <i>Antioxidants</i> , 2022, 11, 2420.	2.2	6
10062	Preparation of antioxidant peptides from <i>Moringa oleifera</i> leaves and their protection against oxidative damage in HepG2 cells. <i>Frontiers in Nutrition</i> , 0, 9, .	1.6	12
10063	The Importance of the Redox Modulation in the Prevention and Treatment of Chronic Pulmonary Diseases. <i>Biochemistry</i> , 0, , .	0.8	0
10064	Insights into Manganese Superoxide Dismutase and Human Diseases. <i>International Journal of Molecular Sciences</i> , 2022, 23, 15893.	1.8	23
10065	Physicochemical characteristics and antioxidant activity of kimchi during fermentation. <i>Journal of Applied Biological Chemistry</i> , 2022, 65, 321-327.	0.2	1
10066	Design of Nanoparticles in Cancer Therapy Based on Tumor Microenvironment Properties. <i>Pharmaceutics</i> , 2022, 14, 2708.	2.0	1
10067	Oxidative Stress and Antioxidants—A Critical Review on In Vitro Antioxidant Assays. <i>Antioxidants</i> , 2022, 11, 2388.	2.2	33
10068	The effect of extraction methods towards antioxidant activity of ethanol extract of <i>Picria fel-terrae</i> Lour. <i>Herbs. IOP Conference Series: Earth and Environmental Science</i> , 2022, 1115, 012040.	0.2	1
10069	Ameliorative Effects of Peptide Phe-Leu-Ala-Pro on Acute Liver and Kidney Injury Caused by CCl ₄ via Attenuation of Oxidative Stress and Inflammation. <i>ACS Omega</i> , 2022, 7, 44796-44803.	1.6	7
10070	Protective Effects of Kefir Against Unpredictable Chronic Stress Alterations in Mice Central Nervous System, Heart, and Kidney. <i>Probiotics and Antimicrobial Proteins</i> , 0, , .	1.9	0
10071	The Role of Lead and Cadmium in Gynecological Malignancies. <i>Antioxidants</i> , 2022, 11, 2468.	2.2	2
10072	Production and Characterization of a β -Cyclodextrin Inclusion Complex with <i>Platonia insignis</i> Seed Extract as a Proposal for a Gastroprotective System. <i>Applied Sciences (Switzerland)</i> , 2023, 13, 58.	1.3	2
10073	Protection of dystrophic muscle cells using Idebenone correlates with the interplay between calcium, oxidative stress and inflammation. <i>International Journal of Experimental Pathology</i> , 2023, 104, 4-12.	0.6	6

#	ARTICLE	IF	CITATIONS
10074	Acetyloxyfenicine strongly induces mitohormesis in mice as well as in insects. <i>FEBS Letters</i> , 2023, 597, 288-297.	1.3	2
10075	miRNAs Participate in the Regulation of Oxidative Stress-Related Gene Expression in Endometrioid Endometrial Cancer. <i>International Journal of Molecular Sciences</i> , 2022, 23, 15817.	1.8	1
10076	Nanomaterials to address the genesis of antibiotic resistance in <i>Escherichia coli</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 0, 12, .	1.8	2
10077	Prognostic Role of Vascular Endothelial Growth Factor and Correlation with Oxidative Stress Markers in Locally Advanced and Metastatic Ovarian Cancer Patients. <i>Diagnostics</i> , 2023, 13, 166.	1.3	3
10078	Mitochondria: A Key Protagonist of the Renin Angiotensin System. , 2023, , 131-144.		0
10079	Near-infrared band responsive ROS regulator selectively inhibits breast cancer cells by programming combination phototherapy. <i>Journal of Materials Chemistry B</i> , 2023, 11, 1356-1364.	2.9	1
10080	Anti-Inflammatory and Antioxidative Phytogetic Substances against Secret Killers in Poultry: Current Status and Prospects. <i>Veterinary Sciences</i> , 2023, 10, 55.	0.6	15
10081	Multifunctional Multicomponent Highly Biocompatible pH-Responsive Iron-Oxide Embedded Nanodiamond Cargo for Artesunate to Inhibit Cancer Growth. , 2023, 5, 336-340.		3
10082	EFFECT OF RADIATION ON AGING PROCESSES AND TELOMERE LENGTH. <i>Problemy Radiatsiinoi Medytsyny Ta Radiobiologii</i> , 2022, 27, 107-119.	0.5	1
10083	In vitro and in silico assessment of probiotic and functional properties of <i>Bacillus subtilis</i> DE1111®. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	4
10084	Innovation in sweet rice wine with high antioxidant activity: <i>Eucommia ulmoides</i> leaf sweet rice wine. <i>Frontiers in Nutrition</i> , 0, 9, .	1.6	6
10085	Erk1/2-Dependent HNSCC Cell Susceptibility to Erastin-Induced Ferroptosis. <i>Cells</i> , 2023, 12, 336.	1.8	2
10086	Dual Role of Plant Phenolic Compounds as Antioxidants and Prooxidants. <i>American Journal of Plant Sciences</i> , 2023, 14, 15-28.	0.3	9
10087	FoxO3 and oxidative stress: a multifaceted role in cellular adaptation. <i>Journal of Molecular Medicine</i> , 2023, 101, 83-99.	1.7	7
10088	The Molecular Mechanism of Yam Polysaccharide Protected H ₂ O ₂ -Induced Oxidative Damage in IEC-6 Cells. <i>Foods</i> , 2023, 12, 262.	1.9	3
10089	The protective role of nutritional antioxidants against oxidative stress in thyroid disorders. <i>Frontiers in Endocrinology</i> , 0, 13, .	1.5	8
10090	Chitosan-Based Hydrogels for Bioelectronic Sensing: Recent Advances and Applications in Biomedicine and Food Safety. <i>Biosensors</i> , 2023, 13, 93.	2.3	12
10091	Nano palladium/palladium oxide formulation using <i>Ricinus communis</i> plant leaves for antioxidant and cytotoxic activities. <i>Inorganic Chemistry Communication</i> , 2023, 149, 110417.	1.8	4

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10092	The Association Between Arsenic Levels and Oxidative Stress in Myocardial Infarction: A Caseâ€“Control Study. <i>Cardiovascular Toxicology</i> , 2023, 23, 61-73.	1.1	1
10093	Unveiling the Antioxidant, Clinical Enzyme Inhibitory Properties and Cytotoxic Potential of <i>Tambourissa peltata</i> Bakerâ€“An Understudied Endemic Plant. <i>Molecules</i> , 2023, 28, 599.	1.7	7
10094	<i>Amaranthus spinosus</i> (Spiny Pigweed) methanol leaf extract alleviates oxidative and inflammation induced by doxorubicin in male sprague dawley rats. <i>Advances in Traditional Medicine</i> , 0, , .	1.0	1
10095	The Effect of Aerobic Exercise on Oxidative Stress in Skeletal Muscle Tissue: A Narrative Review. <i>Gene, Cell and Tissue</i> , 2023, In Press, .	0.2	0
10096	Organoleptic, antioxidant activity and microbial aspects of functional biscuit formulated with date fruit fibers grown in Qassim Region. <i>Food Science and Technology</i> , 0, 43, .	0.8	4
10097	Cerium Oxide Nanoparticles Conjugated with Tannic Acid Prevent UVB-Induced Oxidative Stress in Fibroblasts: Evidence of a Promising Anti-Photodamage Agent. <i>Antioxidants</i> , 2023, 12, 190.	2.2	11
10098	Chromate ions chemisorption over the exterior surface of pristine boron nitride (B12N12) nanocage: A computational study. <i>Inorganic Chemistry Communication</i> , 2023, 148, 110370.	1.8	1
10099	Screening of Phytochemicals and in vitro studies of Garlic: An Updated review. <i>International Journal of Engineering Technology and Management Sciences</i> , 2023, 7, 6-11.	0.0	0
10100	Polysaccharides as antioxidants and prooxidants in managing the double-edged sword of reactive oxygen species. <i>Biomedicine and Pharmacotherapy</i> , 2023, 159, 114221.	2.5	13
10101	Qualitative and Quantitative Phytochemical Screening and Free Radical Scavenging Activity of Different Parts of <i>Rubus ellipticus</i> Sm.. <i>Current Perspectives on Medicinal and Aromatic Plants (CUPMAP)</i> , 0, , .	0.1	0
10102	Recent Advances in Tetrakis (4â€“Carboxyphenyl) Porphyrinâ€“Based Nanocomposites for Tumor Therapy. <i>Advanced NanoBiomed Research</i> , 2023, 3, .	1.7	2
10103	Mechanisms Underlying Neurodegenerative Disorders and Potential Neuroprotective Activity of Agrifood By-Products. <i>Antioxidants</i> , 2023, 12, 94.	2.2	7
10104	Glutathione Protects against Paraquat-Induced Oxidative Stress by Regulating Intestinal Barrier, Antioxidant Capacity, and CAR Signaling Pathway in Weaned Piglets. <i>Nutrients</i> , 2023, 15, 198.	1.7	2
10105	Effects of <i>Hermetia illucens</i> Larvae Meal and Astaxanthin as Feed Additives on Health and Production Indices in Weaned Pigs. <i>Animals</i> , 2023, 13, 163.	1.0	8
10106	COVID-19 OlasÄ±/Kesin TanÄ±lÄ± Hastalarda Serbest Radikal Ve Antioksidan Enzim DÃ¼zeylerinin DeÄŸerlendirilmesi. , 0, , .		0
10107	Influence of Direct Pulp Capping with Calcium Hydroxide and Mineral Trioxide Aggregate on Systemic Oxidative Stress in Rats. , 2022, .		1
10108	Many Ways to Communicateâ€“Crosstalk between the HBV-Infected Cell and Its Environment. <i>Pathogens</i> , 2023, 12, 29.	1.2	1
10109	In Vivo Toxicity, Redox-Modulating Capacity and Intestinal Permeability of Novel Aroylhydrazone Derivatives as Anti-Tuberculosis Agents. <i>Pharmaceutics</i> , 2023, 15, 79.	2.0	1

#	ARTICLE	IF	CITATIONS
10111	Egzersizın Kahverengi YađĐ Dokusu, Mitokondriyal Fonksiyon, Oksidatif Stres ve Mitohormesis Āœzerine Etkisi. SađĐlĀk Akademisi Kastamonu, 0, , .	0.0	0
10112	Evaluation of Senna tora (L.) Roxb. leaves as source of bioactive molecules with antioxidant, anti-inflammatory and antibacterial potential. Heliyon, 2023, 9, e12855.	1.4	4
10113	Phytochemical Composition and Antioxidant Activity of Edible Wild Fruits from Malawi. BioMed Research International, 2023, 2023, 1-9.	0.9	3
10114	Biomimetic carbon nanotubes for neurological disease therapeutic. , 2023, , 229-253.		1
10115	Biomarkers of the Toxic Effects of Chemotherapeutic Agents: A Focus on Antimalarials. Biomarkers in Disease, 2023, , 1035-1061.	0.0	0
10116	Oxidative Stress in the Anterior Ocular Diseases: Diagnostic and Treatment. Biomedicines, 2023, 11, 292.	1.4	7
10117	Glutathione peroxidase-like nanozymes: mechanism, classification, and bioapplication. Biomaterials Science, 2023, 11, 2292-2316.	2.6	10
10118	Doxorubicin-Loaded Iron Oxide Nanoparticles Induce Oxidative Stress and Cell Cycle Arrest in Breast Cancer Cells. Antioxidants, 2023, 12, 237.	2.2	11
10119	Oxidative stress and adverse cardiovascular effects among professional divers in Egypt. Journal of Occupational and Environmental Hygiene, 2023, 20, 159-169.	0.4	0
10120	Endophytic microbes: A potential source of bioactive metabolites with therapeutic values. , 2023, , 435-457.		1
10121	Antioxidant properties of marine-derived polysaccharides and metal nanoparticles. , 2023, , 489-494.		1
10122	Time to Change: A Systems Pharmacology Approach to Disentangle Mechanisms of Drug-Induced Mitochondrial Toxicity. Pharmacological Reviews, 2023, 75, 463-486.	7.1	3
10123	Effect of pravastatin on levels of nitric oxide and superoxide dismutase on preeclampsia rat model. AIP Conference Proceedings, 2023, , .	0.3	0
10124	Investigation of mycosynthesized silver nanoparticles by the mushroom Pleurotus eryngii in biomedical applications. International Journal of Environmental Science and Technology, 2023, 20, 4861-4872.	1.8	3
10125	Biomarkers of Neurotoxicity. Biomarkers in Disease, 2023, , 291-319.	0.0	0
10126	Stress-Sensitive Regulators of Fetal Neurodevelopment in HIV and Preeclampsia: An Immunocytochemical Appraisal of Placental OGT and T4 Levels. Archivum Immunologiae Et Therapiae Experimentalis, 2023, 71, .	1.0	1
10127	Challenges in forensic genetic investigations of decomposed or skeletonized human remains: Environmental exposure, DNA degradation, inhibitors, and low copy number (LCN). , 2023, , 15-36.		0
10128	Endophytic bacteria for drug discovery and bioremediation of heavy metals. , 2023, , 159-181.		2

#	ARTICLE	IF	CITATIONS
10129	Biomarkers of oxidative stress and reproductive complications. <i>Advances in Clinical Chemistry</i> , 2023, , 157-233.	1.8	1
10130	<i>Madhuca longifolia</i> leaves-mediated palladium nanoparticles synthesis via a sustainable approach to evaluate its biomedical application. <i>Chemical Papers</i> , 2023, 77, 3075-3091.	1.0	8
10131	Structural Features of Small Molecule Antioxidants and Strategic Modifications to Improve Potential Bioactivity. <i>Molecules</i> , 2023, 28, 1057.	1.7	22
10132	Randomization to a Liberal Versus Conservative Oxygenation Target: Redox Responses in Critically Ill Children. <i>Pediatric Critical Care Medicine</i> , 2023, 24, e137-e146.	0.2	2
10133	Nutritional benefits, ethnomedicinal uses, phytochemistry, pharmacological properties and toxicity of <i>Spondias mombin</i> Linn: a comprehensive review. <i>Journal of Pharmacy and Pharmacology</i> , 2023, 75, 162-226.	1.2	4
10134	Autoantibody-Abzymes with Catalase Activity in Experimental Autoimmune Encephalomyelitis Mice. <i>Molecules</i> , 2023, 28, 1330.	1.7	2
10135	Role of Dietary Methyl Sulfonyl Methane in Poultry. <i>Animals</i> , 2023, 13, 351.	1.0	1
10136	VRAC Channels and the Cellular Redox Balance. <i>Physiology</i> , 0, , .	4.0	0
10137	Biogenic Selenium Nanoparticles in Biomedical Sciences: Properties, Current Trends, Novel Opportunities and Emerging Challenges in Theranostic Nanomedicine. <i>Nanomaterials</i> , 2023, 13, 424.	1.9	24
10138	A Novel Strategy for Screening Active Components in <i>Cistanche tubulosa</i> Based on Spectrum-Effect Relationship Analysis and Network Pharmacology. <i>Journal of Analytical Methods in Chemistry</i> , 2023, 2023, 1-20.	0.7	1
10139	Uncovering the Oxidative Stress Mechanisms and Targets in Alzheimer's Disease by Integrating Phenotypic Screening Data and Polypharmacology Networks. <i>Journal of Alzheimer's Disease</i> , 2023, , 1-18.	1.2	3
10140	Reactive oxygen species-responsive polymer drug delivery systems. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 11, .	2.0	10
10141	In silico targeting of lipoxygenase, CYP2C9, and NAD(P)H oxidase by major green tea polyphenols to subvert oxidative stress. <i>Advances in Redox Research</i> , 2023, 7, 100061.	0.9	11
10142	Photoinduced electron transfer (PeT) based fluorescent probes for cellular imaging and disease therapy. <i>Chemical Society Reviews</i> , 2023, 52, 2322-2357.	18.7	56
10143	A tumor-targeting and ROS-responsive iron-based T ₁ magnetic resonance imaging contrast agent for highly specific tumor imaging. <i>Journal of Materials Chemistry B</i> , 2023, 11, 3176-3185.	2.9	3
10144	Superoxide Generation by Nicotinamide Coenzymes. <i>Biomedical Chemistry Research and Methods</i> , 2023, 6, e00188.	0.1	0
10145	Identifying Bioactive Ingredients and Antioxidant Activities of Wild <i>Sanghuangporus</i> Species of Medicinal Fungi. <i>Journal of Fungi (Basel, Switzerland)</i> , 2023, 9, 242.	1.5	7
10146	Pomegranate and Cognitive Performance: A Systematic Review. <i>Current Pharmaceutical Design</i> , 2023, 29, 928-939.	0.9	0

#	ARTICLE	IF	CITATIONS
10147	Biomarkers of Oxidative Stress and Persistent Organic Pollutants in Plasma and Eggs of <i>Chelonia mydas</i> Nesting in the Southern Gulf of Mexico. <i>Estuaries and Coasts</i> , 0, , .	1.0	0
10148	The Role of Oxidative Stress in the Progression of Secondary Brain Injury Following Germinal Matrix Hemorrhage. <i>Translational Stroke Research</i> , 0, , .	2.3	3
10149	Immunohistochemical approach to obesity disease in terms of expression levels of glutathione s-transferase (sigma, zeta, theta) isozymes. <i>The European Research Journal</i> , 0, , 1-12.	0.1	0
10150	Acute Kidney Injury Induces Oxidative Stress and Hepatic Lipid Accumulation through AMPK Signaling Pathway. <i>Antioxidants</i> , 2023, 12, 883.	2.2	2
10151	Antioxidant and Anti-Breast Cancer Properties of Hyaluronidase from Marine <i>Staphylococcus aureus</i> (CASMTK1). <i>Journal of Marine Science and Engineering</i> , 2023, 11, 778.	1.2	0
10153	Oxidative-Stress-Related Genes in Osteoporosis: A Systematic Review. <i>Antioxidants</i> , 2023, 12, 915.	2.2	8
10154	Ratiometric upconversion nanoprobe for turn-on fluorescent detection of hypochlorous acid. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2023, 439, 114639.	2.0	2
10155	Oxidative stress: A target to treat Alzheimer's disease and stroke. <i>Neurochemistry International</i> , 2023, 165, 105509.	1.9	12
10156	Superoxide anion monitoring in epileptic brains with a near-infrared fluorescent probe. <i>Dyes and Pigments</i> , 2023, 213, 111155.	2.0	5
10157	Synthesis and anti-Alzheimer potential of novel β -amino phosphonate derivatives and probing their molecular interaction mechanism with acetylcholinesterase. <i>European Journal of Medicinal Chemistry</i> , 2023, 253, 115288.	2.6	0
10158	Effect of <i>Gladiolus psittacinus</i> Hook bulb supplemented diet on nootropic-related biomolecules in scopolamine-induced cognitive dysfunction rats. <i>Phytomedicine Plus</i> , 2023, 3, 100425.	0.9	1
10159	Resistance exercise was safe for the pregnancy and offspring's development and partially protected rats against early life stress-induced effects. <i>Behavioural Brain Research</i> , 2023, 445, 114362.	1.2	1
10160	Phytochemical profiling by UPLC-ESI-QTOF-MS of <i>Commelina africana</i> , widely used in traditional medicine in DR Congo. <i>South African Journal of Botany</i> , 2023, 157, 325-334.	1.2	0
10161	Mechanistic insights into phenanthrene-triggered oxidative stress-associated neurotoxicity, genotoxicity, and behavioral disturbances toward the brandling worm (<i>Eisenia fetida</i>) brain: The need for an ecotoxicological evaluation. <i>Journal of Hazardous Materials</i> , 2023, 450, 131072.	6.5	11
10162	Intrinsic relationship between oral lichen planus and oral squamous cell carcinoma: the importance of the monitoring in pandemic times. <i>Journal of Stomatology, Oral and Maxillofacial Surgery</i> , 2023, 124, 101428.	0.5	0
10163	Cellular Red-Ox system in health and disease: The latest update. <i>Biomedicine and Pharmacotherapy</i> , 2023, 162, 114606.	2.5	47
10164	Open flow cytometer with the combination of 3D hydrodynamic single cell focusing and confocal laser-induced fluorescence detection. <i>Talanta</i> , 2023, 258, 124424.	2.9	3
10165	Integrated fixed-film activated sludge systems in continuous-flow and batch mode acclimated from low to high aniline concentrations: Performance, mechanism and metabolic pathways. <i>Bioresource Technology</i> , 2023, 379, 129043.	4.8	3

#	ARTICLE	IF	CITATIONS
10166	Encapsulation of docosahexaenoic acid (DHA) using self-assembling food-derived proteins for efficient biological functions. <i>Food Science and Human Wellness</i> , 2023, 12, 1861-1871.	2.2	4
10167	AODB: A comprehensive database for antioxidants including small molecules, peptides and proteins. <i>Food Chemistry</i> , 2023, 418, 135992.	4.2	7
10168	One binge-type cycle of alcohol plus ketamine exposure induces emotional-like disorders associated with oxidative damage in adolescent female rats. <i>Biomedicine and Pharmacotherapy</i> , 2023, 162, 114641.	2.5	0
10169	Chemical characterisation of sulfated polysaccharides from the red seaweed <i>Centroceras clavulatum</i> and their in vitro immunostimulatory and antioxidant properties. <i>Food Hydrocolloids for Health</i> , 2023, 3, 100135.	1.6	0
10170	<i>Acacia catechu</i> Willd. and <i>Acacia arabica</i> Willd. decrease the extent of anxiety behavior by reducing oxidative stress and moderating neurochemicals. <i>Journal of Ethnopharmacology</i> , 2023, 312, 116496.	2.0	1
10171	Evaluation of mulberry leaves' hypoglycemic properties and hypoglycemic mechanisms. <i>Frontiers in Pharmacology</i> , 0, 14, .	1.6	2
10172	Oxidative balance score reflects vascular endothelial function of Chinese community dwellers. <i>Frontiers in Physiology</i> , 0, 14, .	1.3	1
10173	A ratiometric fluorescence-based colorimetric sensor for the portable analysis of antioxidants via smartphone. <i>Microchemical Journal</i> , 2023, 190, 108625.	2.3	3
10174	Multifunctional carbon dots for glutathione detection and Golgi imaging. <i>Talanta</i> , 2023, 259, 124520.	2.9	5
10175	Ameliorative potential role of <i>Rosmarinus officinalis</i> extract on toxicity induced by etoposide in male albino rats. <i>Brazilian Journal of Biology</i> , 0, 84, .	0.4	2
10177	A systematic review and meta-analysis of randomized controlled trials investigating the effects of probiotics on oxidative stress in healthy adults. <i>Clinical Nutrition ESPEN</i> , 2023, 54, 180-186.	0.5	1
10178	A near infrared two-channel fluorescent probe for the detection of hydrogen sulfide and viscosity with a negligible crosstalk influence. <i>Bioorganic Chemistry</i> , 2023, 132, 106379.	2.0	6
10179	Astaxanthin attenuates cigarette smoking-induced oxidative stress and inflammation in a sirtuin 1-dependent manner. <i>Biomedicine and Pharmacotherapy</i> , 2023, 159, 114230.	2.5	5
10180	The Effect of Carvacrol on the Expression of Genes Hmox-1, iNOS, Nrf2 and NF- κ B in the Spinal Cord of Experimental Autoimmune Encephalomyelitis Mice. <i>Iranian South Medical Journal</i> , 2022, 25, 1-12.	0.2	0
10181	Stimulation of Heme-Dependent Catalase Enhanced the Cytoprotective Effect of <i>Lactobacillus plantarum</i> against Oxidative Stress. <i>Applied Microbiology</i> , 2023, 3, 131-144.	0.7	1
10182	Mild Hyperbaric Oxygen Exposure Enhances Peripheral Circulatory Natural Killer Cells in Healthy Young Women. <i>Life</i> , 2023, 13, 408.	1.1	2
10183	ORIGANUM MAJORANA ATTENUATES CIPROFLOXACIN-INDUCED NEPHROPATHY IN RATS. <i>Wiadomości Lekarskie</i> , 2022, 75, 3046-3049.	0.1	0
10184	Associations between glutamic acid decarboxylase antibodies, oxidative stress markers, and cognitive capacity in adolescents who stutter. <i>Saudi Journal of Biological Sciences</i> , 2023, 30, 103580.	1.8	1

#	ARTICLE	IF	CITATIONS
10185	An overview of hyperbaric oxygen preconditioning against ischemic stroke. <i>Metabolic Brain Disease</i> , 2023, 38, 855-872.	1.4	0
10186	Recent advances on macromolecular medicinal materials for radioprotection. <i>Journal of Drug Delivery Science and Technology</i> , 2023, 81, 104224.	1.4	2
10187	Oxidative Stress and Natural Antioxidants in Osteoporosis: Novel Preventive and Therapeutic Approaches. <i>Antioxidants</i> , 2023, 12, 373.	2.2	23
10188	Kazinol B protects H9c2 cardiomyocytes from hypoxia/reoxygenation-induced cardiac injury by modulating the AKT/AMPK/Nrf2 signalling pathway. <i>Pharmaceutical Biology</i> , 2023, 61, 362-371.	1.3	1
10189	Possibilities of the Hybrid Method (Three-Phase Scintigraphy-SPECT/CTAngiography) in the Diagnosis and Staging of Acute Lower Limb Ischemia. <i>Sklifosovsky Journal Emergency Medical Care</i> , 2023, 11, 550-560.	0.3	0
10190	Physicochemical Characteristics and Bioactive Compounds of Different Types of Honey and Their Biological and Therapeutic Properties: A Comprehensive Review. <i>Antibiotics</i> , 2023, 12, 337.	1.5	11
10191	Evaluation of Different Copper Sources in Nile Tilapia Diets: Growth, Body Indices, Hematological Assay, Plasma Metabolites, Immune, Anti-Oxidative Ability, and Intestinal Morphometric Measurements. <i>Biological Trace Element Research</i> , 0, , .	1.9	2
10192	Oxidative Stress in Assisted Reproductive Techniques, with a Focus on an Underestimated Risk Factor. <i>Current Issues in Molecular Biology</i> , 2023, 45, 1272-1286.	1.0	11
10193	Antifungal activity of green synthesized selenium nanoparticles and their effect on physiological, biochemical, and antioxidant defense system of mango under mango malformation disease. <i>PLoS ONE</i> , 2023, 18, e0274679.	1.1	20
10194	The impact of oxidative stress-induced mitochondrial dysfunction on diabetic microvascular complications. <i>Frontiers in Endocrinology</i> , 0, 14, .	1.5	12
10195	Can glutathione be a biomarker for suicide risk in women 18 months postpartum?. <i>Frontiers in Psychiatry</i> , 0, 14, .	1.3	2
10196	Pemberdayaan Kelompok Tani dalam Pemanfaatan Kulit Buah Kakao (<i>Theobroma Cacao L.</i>) sebagai Produk Suplemen Antioksidan. <i>Wikrama Parahita Jurnal Pengabdian Masyarakat</i> , 2022, 7, 83-90.	0.1	0
10197	Recent Advances, Systemic Therapy, and Molecular Targets in Adenoid Cystic Carcinoma of the Head and Neck. <i>Journal of Clinical Medicine</i> , 2023, 12, 1463.	1.0	3
10198	Current Status of Obesity: Protective Role of Catechins. <i>Antioxidants</i> , 2023, 12, 474.	2.2	10
10199	In vitro and in vivo antiplasmodial activities of leaf extracts from <i>Sonchus arvensis L.</i> <i>BMC Complementary Medicine and Therapies</i> , 2023, 23, .	1.2	2
10200	Evaluation of cytotoxicity, reactive oxygen species and nitrous oxide of nanochitosan from shrimp shell. <i>International Journal of Biological Macromolecules</i> , 2023, 235, 123730.	3.6	6
10201	Ceria-Based Therapeutic Antioxidants for Biomedical Applications. <i>Advanced Materials</i> , 2024, 36, .	11.1	14
10202	A Novel Donepezil-Caffeic Acid Hybrid: Synthesis, Biological Evaluation, and Molecular Docking Studies. <i>Biochemistry (Moscow)</i> , 2023, 88, 50-63.	0.7	0

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10203	Perormance and Nutrient Values of Clarias Gariepinus Fed with Powdered Mushroom (Ganoderma) Tj ETQq0 0 0 rgBT /Overlogk 10 Tf 50		
10205	Curcumin encapsulated zein/caseinate-alginate nanoparticles: Release and antioxidant activity under in vitro simulated gastrointestinal digestion. <i>Current Research in Food Science</i> , 2023, 6, 100463.	2.7	7
10206	Oxidative Stress and Antioxidants in Neurodegenerative Disorders. <i>Antioxidants</i> , 2023, 12, 517.	2.2	57
10207	An in silico investigation of 1,2,4-triazole derivatives as potential antioxidant agents using molecular docking, MD simulations, MM-PBSA free energy calculations and ADME predictions. <i>Pharmacia</i> , 2023, 70, 139-153.	0.4	4
10208	Effect of DI-3-n-butylphthalide on mitochondrial Cox7c in models of cerebral ischemia/reperfusion injury. <i>Frontiers in Pharmacology</i> , 0, 14, .	1.6	3
10209	Dietary Strategies for Relieving Stress in Pet Dogs and Cats. <i>Antioxidants</i> , 2023, 12, 545.	2.2	5
10210	Nephrolithiasis-Associated Renal Cell Carcinoma in Patients Who Underwent Nephrectomy: A Single-Center Experience. <i>World Journal of Oncology</i> , 2023, 14, 94-100.	0.6	1
10211	Synthesis of Schiff Bases Containing Phenol Rings and Investigation of Their Antioxidant Capacity, Anticholinesterase, Butyrylcholinesterase, and Carbonic Anhydrase Inhibition Properties. <i>Pharmaceutics</i> , 2023, 15, 779.	2.0	18
10212	Evaluation of oxidative stress markers in ethanol users. <i>Brazilian Journal of Medical and Biological Research</i> , 0, 56, .	0.7	1
10213	Effects of Vegetal Extracts and Metabolites against Oxidative Stress and Associated Diseases: Studies in <i>Caenorhabditis elegans</i> . <i>ACS Omega</i> , 2023, 8, 8936-8959.	1.6	2
10214	Honey: A Promising Therapeutic Supplement for the Prevention and Management of Osteoporosis and Breast Cancer. <i>Antioxidants</i> , 2023, 12, 567.	2.2	4
10215	Oxidative Stress Marker Malondialdehyde and Glutathione Antioxidant in Hypertensive Patients. , 2023, 2, 31-36.		0
10216	Antioxidant Carboxymethyl Chitosan Carbon Dots with Calcium Doping Achieve Ultra-Low Calcium Concentration for Iron-Induced Osteoporosis Treatment by Effectively Enhancing Calcium Bioavailability in Zebrafish. <i>Antioxidants</i> , 2023, 12, 583.	2.2	2
10217	Nanoengineering and nanotechnology for diagnosis and treatment of CNS and neurological diseases. , 2023, , 55-94.		1
10218	Antioxidant Activity of Polysaccharides from the Edible Mushroom <i>Pleurotus eryngii</i> . <i>Molecules</i> , 2023, 28, 2176.	1.7	5
10219	Liposomal Drug Delivery System as An Emerging Technique for Treatment Of Neurodegenerative Diseases. <i>Current Nanomedicine</i> , 2023, 13, .	0.2	0
10220	Targeting Mitochondrial Therapy in the Regulation of HPV Infection and HPV-Related Cancers. <i>Pathogens</i> , 2023, 12, 402.	1.2	2
10221	Feeding reduced levels of trace minerals in proteinate form and selenium-yeast to transition cows: Performance, trace minerals, and antioxidant status, peripheral neutrophil activity, and oocyte quality. <i>Journal of Dairy Science</i> , 2023, 106, 3023-3042.	1.4	4

#	ARTICLE	IF	CITATIONS
10222	Antioxidant and Antiglycation Activity of Pentaamine Acid Derivatives of Fullerene C60. <i>Nanobiotechnology Reports</i> , 2022, 17, 840-845.	0.2	1
10223	Glyoxalase I Assay as a Possible Tool for Evaluation of Biological Activity of Antioxidant-Rich Plant Extracts. <i>Plants</i> , 2023, 12, 1150.	1.6	2
10224	In-vitro antioxidant potential and acetylcholinesterase inhibitory effect of <i>Ficus benghalensis</i> aerial root extract. <i>African Health Sciences</i> , 2022, 22, 291-299.	0.3	3
10225	Natural and synthetic compounds for glioma treatment based on ROS-mediated strategy. <i>European Journal of Pharmacology</i> , 2023, 953, 175537.	1.7	1
10226	Promising antioxidant activity of crude extract from <i>Calliandra tweedii</i> Benth. <i>International Journal of Secondary Metabolite</i> , 2023, 10, 59-70.	0.5	1
10227	The Dual Role of Oxidants in Male (In)fertility: Every ROSe Has a Thorn. <i>International Journal of Molecular Sciences</i> , 2023, 24, 4994.	1.8	3
10228	Antioxidants Obtained from the Natural Sources: Importance in Human Health. <i>Biochemistry</i> , 0, , .	0.8	0
10229	Tissue-specific assessment of oxidative status: Wild boar as a case study. <i>Frontiers in Veterinary Science</i> , 0, 10, .	0.9	0
10230	Toxicology Related to Nanoparticles – Challenges and Future Prospects. , 2023, , 321-348.		0
10231	Mitochondrial Dysfunction, Oxidative Stress, and Therapeutic Strategies in Diabetes, Obesity, and Cardiovascular Disease. <i>Antioxidants</i> , 2023, 12, 658.	2.2	16
10232	Association of CYP1A2 and GST gene variants with asthma in cases presenting with allergic chronic rhinosinusitis. <i>Egyptian Journal of Medical Human Genetics</i> , 2023, 24, .	0.5	0
10234	<i>Origanum majorana</i> L. extract alleviates dexamethasone-induced hepatotoxicity, oxidative stress and pathological alterations in vivo. <i>Bulletin of the National Research Centre</i> , 2023, 47, .	0.7	0
10235	Assessment of Oxidant and Antioxidant Status in Prepubertal Children following Vegetarian and Omnivorous Diets. <i>Antioxidants</i> , 2023, 12, 682.	2.2	2
10236	Chemotherapy-Induced Oxidative Stress in Pediatric Acute Lymphoblastic Leukemia. <i>Cureus</i> , 2023, , .	0.2	2
10237	Antioxidant and Anti-Inflammatory Effects of Carotenoids in Mood Disorders: An Overview. <i>Antioxidants</i> , 2023, 12, 676.	2.2	9
10238	Amplification of oxidative stress with a hyperthermia-enhanced chemodynamic process and MTH1 inhibition for sequential tumor nanocatalytic therapy. <i>Journal of Materials Chemistry B</i> , 2023, 11, 3836-3850.	2.9	2
10239	Partial Purification of Glutathione S-transferase Enzyme From the Seed of Mallow (<i>Malva slyvestris</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.7	0
10240	FOXO signaling pathway participates in oxidative stress-induced histone deacetylation. <i>Free Radical Research</i> , 2023, 57, 47-60.	1.5	1

#	ARTICLE	IF	CITATIONS
10241	Defining the nuanced nature of redox biology in post-traumatic stress disorder. <i>Frontiers in Physiology</i> , 0, 14, .	1.3	5
10242	L-shaped association between dietary zinc intake and the risk of developing cardiovascular disease in Chinese adults: A cohort study. <i>Frontiers in Nutrition</i> , 0, 10, .	1.6	1
10243	Fitness correlates of blubber oxidative stress and cellular defences in grey seals (<i>Halichoerus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 667 lactation and fasting. <i>Cell Stress and Chaperones</i> , 2023, 28, 551-566.	1.2	1
10244	Phytochemicals Identification and Bioactive Compounds Estimation of Artemisia Species Grown in Saudia Arabia. <i>Metabolites</i> , 2023, 13, 443.	1.3	2
10245	ìí°ë -ë° ©ë²·ì -ë”°ë¥, í...Æí” ,, ìŕ”ìŕœë-1/4ì ñ, °í™” ë°•ëÆëž¥í•”ì,,í, ì,,±ìž¥ ì-µìœ í™œì,,± ë³ëí™”. <i>Korean Journal of Food and Cookery</i>		
10246	A New Perspective for Potential Organ Damage Due to Iron-Mediated Oxidation in Thalassemia Major Patients. <i>Journal of Clinical Medicine</i> , 2023, 12, 2422.	1.0	2
10247	A review of stress-induced hyperglycaemia in the context of acute ischaemic stroke: Definition, underlying mechanisms, and the status of insulin therapy. <i>Frontiers in Neurology</i> , 0, 14, .	1.1	3
10248	Determination of Antioxidant Activities of <i>Viscum album</i> L.: First Report on Interaction of Phenolics with Survivin Protein using <i>in silico</i> Analysis. <i>ChemistrySelect</i> , 2023, 8, .	0.7	3
10249	Sex differences in antioxidant defence and the regulation of redox homeostasis in physiology and pathology. <i>Mechanisms of Ageing and Development</i> , 2023, 211, 111802.	2.2	9
10250	Biomarkers of Oxidative Stress in Neonatal Hypoxic-Ischemic Encephalopathy. <i>Biomarkers in Disease</i> , 2023, , 199-222.	0.0	0
10251	GlyPerAâ,,ç effectively shields airway epithelia from SARS-CoV-2 infection and inflammatory events. <i>Respiratory Research</i> , 2023, 24, .	1.4	3
10252	Changes in the oxidative status and damage by non-essential elements in the digestive gland of the gastropod <i>Pomacea canaliculata</i> . <i>Frontiers in Physiology</i> , 0, 14, .	1.3	2
10253	Simultaneous Elimination of Reactive Oxygen Species and Activation of Nrf2 by Ultrasmall Nanoparticles to Relieve Acute Kidney Injury. <i>ACS Applied Materials & Interfaces</i> , 2023, 15, 16460-16470.	4.0	4
10254	Nutriepigonomics in Environmental-Associated Oxidative Stress. <i>Antioxidants</i> , 2023, 12, 771.	2.2	3
10255	Encapsulated Phytomedicines against Cancer: Overcoming the “Valley of Death” <i>Pharmaceutics</i> , 2023, 15, 1038.	2.0	0
10256	Diabetes mellitus induces a novel inflammatory network involving cancer progression: Insights from bioinformatic analysis and <i>in vitro</i> validation. <i>Frontiers in Immunology</i> , 0, 14, .	2.2	2
10257	Protective Effect of Bee Products Against Oxidative Damage in Erythrocytes. <i>GÃ¼mÃ¼ÅŸhane Åœniversitesi SaÄŸlÃ¼k Bilimleri Dergisi</i> , 2023, 12, 167-174.	0.1	0
10258	Green polymer hydrogels from a natural monomer with inherent antioxidative capability for efficient wound healing and spinal cord injury treatment. <i>Biomaterials Science</i> , 2023, 11, 3683-3694.	2.6	4

#	ARTICLE	IF	CITATIONS
10259	Exosome-Based Mitochondrial Delivery of circRNA mSCAR Alleviates Sepsis by Orchestrating Macrophage Activation. <i>Advanced Science</i> , 2023, 10, .	5.6	11
10260	Antioxidant and Protective Effects of the Polyphenolic Glycoconjugate from <i>Agrimonia eupatoria</i> L. Herb in the Prevention of Inflammation in Human Cells. <i>Journal of Functional Biomaterials</i> , 2023, 14, 182.	1.8	0
10262	Study on bioactive compounds of microalgae as antioxidants in a bibliometric analysis and visualization perspective. <i>Frontiers in Plant Science</i> , 0, 14, .	1.7	4
10263	Dietary polyphenols ameliorate inflammatory bowel diseases: advances and future perspectives to maximize their nutraceutical applications. <i>Phytochemistry Reviews</i> , 0, , .	3.1	3
10264	Edaravone in the treatment of concussion and post-concussion syndrome. <i>Infusion & Chemotherapy</i> , 2023, , 32-37.	0.0	1
10265	The Role of Oxidative Stress Enhanced by Adiposity in Cardiometabolic Diseases. <i>International Journal of Molecular Sciences</i> , 2023, 24, 6382.	1.8	10
10266	Rutin attenuates <sc>d</sc>-galactose-induced oxidative stress in ratsâ€™ brain and liver: molecular docking and experimental approaches. <i>Food and Function</i> , 2023, 14, 5728-5751.	2.1	5
10267	Analysis of sperm separation protocols for isolating cryopreserved human spermatozoa. <i>Reproduction and Fertility</i> , 2023, 4, .	0.6	2
10268	Surface Chemistry of Biologically Active Reducible Oxide Nanozymes. <i>Advanced Materials</i> , 2024, 36, .	11.1	5
10269	Anticancer, Antioxidant Activity and Molecular Docking Studies of Saccharumoside-B. <i>Research Journal of Pharmacy and Technology</i> , 2023, , 608-614.	0.2	0
10270	Recent Applications of Melanin-like Nanoparticles as Antioxidant Agents. <i>Antioxidants</i> , 2023, 12, 863.	2.2	9
10271	Comment on "The effects of mercury exposure on Amazonian fishes: An investigation of potential biomarkers". <i>Chemosphere</i> , 2023, 328, 138564.	4.2	1
10272	Interdependencies of Gene Expression and Function between Two Redox Enzymes and REG Family Proteins in Murine Pancreatic Islets and Human Pancreatic Cells. <i>Antioxidants</i> , 2023, 12, 849.	2.2	0
10273	Preparation and Characterization of Multilayer pH-Responsive Hydrogel Loaded <i>Ganoderma lucidum</i> Peptides. <i>Foods</i> , 2023, 12, 1481.	1.9	4
10274	The antioxidant defence of <i>Dekkera bruxellensis</i> against hydrogen peroxide and its relationship to nitrate metabolism. <i>Journal of Applied Microbiology</i> , 2023, 134, .	1.4	0
10275	<sc>Î±</sc>Mangostin induces oxidative damage, mitochondrial dysfunction, and apoptosis in a triple-negative breast cancer model. <i>Phytotherapy Research</i> , 2023, 37, 3394-3407.	2.8	3
10276	Nutraceutical Effect of Resveratrol on the Mammary Gland: Focusing on the NF-Î²B /Nrf2 Signaling Pathways. <i>Animals</i> , 2023, 13, 1266.	1.0	0
10277	Potential effects of carbon monoxide donor and its nanoparticles on experimentally induced gastric ulcer in rats. <i>Inflammopharmacology</i> , 0, , .	1.9	0

#	ARTICLE	IF	CITATIONS
10278	Mitochondrial Prx5 overexpression suppresses insulin-induced adipogenesis by downregulating the phosphorylation of p38. <i>Bioscience, Biotechnology and Biochemistry</i> , 0, , .	0.6	0
10279	A Potential Source of Medicines from Fungi: An Overview of Biologically Active Secondary Metabolites. , 2023, , 459-477.		0
10280	Hesperetin and Capecitabine Abate 1,2 Dimethylhydrazine-Induced Colon Carcinogenesis in Wistar Rats via Suppressing Oxidative Stress and Enhancing Antioxidant, Anti-Inflammatory and Apoptotic Actions. <i>Life</i> , 2023, 13, 984.	1.1	5
10281	Application of InP/ZnSe/ZnS Quantum Dots in the Treatment of Experimental Antibiotic-Resistant Endophthalmitis &in vivo&. <i>Oftalmologiya</i> , 2023, 20, 120-127.	0.2	0
10282	Evaluation of the Anti-Infectious Activity of the Complex Based on Quantum Dots InP / ZnSe / ZnS 650 and Tobramycin Against &Pseudomonas Aeruginosa& Infection of the Cornea. <i>Experimental Research. Oftalmologiya</i> , 2023, 20, 157-164.	0.2	0
10283	Role of Hypoxia and Reactive Oxygen Species in Cancer Biology. , 2023, , 41-63.		0
10285	Interaction of Human Gut Microflora with Commonly Consumed Herbs and Spices: A Review. <i>Current Nutrition and Food Science</i> , 2024, 20, 317-330.	0.3	0
10286	The extraction of effective components and an antioxidant activity study of <i>Tulipa edulis</i> . , 2023, , 1-19.		0
10287	<i>Gochnatia glutinosa</i> (D.Don) D.Don ex Hook. & Arn.: A plant with medicinal value against inflammatory disorders and infections. <i>Heliyon</i> , 2023, 9, e15276.	1.4	0
10288	Unsaturated Fatty Acids Complex Regulates Inflammatory Cytokine Production through the Hyaluronic Acid Pathway. <i>Molecules</i> , 2023, 28, 3554.	1.7	0
10289	Research progress on the interaction between oxidative stress and platelets: Another avenue for cancer?. <i>Pharmacological Research</i> , 2023, 191, 106777.	3.1	10
10290	Exogenous Factors and Cancer. , 2023, , 52-85.		0
10291	Extraction of valuable compounds from plants by underwater shockwaves. , 2023, , 265-327.		0
10292	Natural compounds in chemopreventive foods for prevention and management of non-communicable diseases. , 2023, , 267-291.		1
10306	Cognitive Enhancing Effects of Medicinal Mushrooms: A Potential Neuroprotective Implication in Dementias. , 2023, , 241-252.		0
10320	Mitochondrial Dysfunction as a Signaling Target for Therapeutic Intervention in Major Neurodegenerative Disease. <i>Neurotoxicity Research</i> , 2023, 41, 708-729.	1.3	8
10321	Organelle-targeting ratiometric fluorescent probes: design principles, detection mechanisms, bio-applications, and challenges. <i>Chemical Science</i> , 2023, 14, 5842-5871.	3.7	18
10358	Photobiomodulation at molecular, cellular, and systemic levels. <i>Lasers in Medical Science</i> , 2023, 38, .	1.0	13

#	ARTICLE	IF	CITATIONS
10363	Maternal naringenin supplementation during pregnancy disrupts the redox status in the developing rats' brain. , 2023, , 855-871.		0
10365	Role of dietary antioxidants and redox status in Parkinson's disease. , 2023, , 667-697.		0
10378	Commentary: Aldehyde dehydrogenase, redox balance and exercise physiology: What is missing?. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2023, 283, 111470.	0.8	0
10386	Applications of phytochemicals in cancer therapy and anticancer drug development. , 2023, , 335-351.		0
10405	Flavonoids: an alternative therapy for oxidative stress-related diseases. Studies in Natural Products Chemistry, 2023, , 37-64.	0.8	0
10440	Environmental insults and compensative responses: when microbiome meets cancer. Discover Oncology, 2023, 14, .	0.8	1
10461	Aging, oxidative stress and degenerative diseases: mechanisms, complications and emerging therapeutic strategies. Biogerontology, 2023, 24, 609-662.	2.0	11
10466	Parkinson's Disease Related to Food and Nutrition. Advances in Medical Diagnosis, Treatment, and Care, 2023, , 233-252.	0.1	0
10480	The Cellular and Molecular Mechanisms of Ovarian Aging. , 2023, , 119-169.		1
10487	Secretory phospholipase 2 (sPLA2) in carcinogenesis and tumor microenvironment. , 2023, , 137-163.		0
10490	Reactive oxygen species, toxicity, oxidative stress, and antioxidants: chronic diseases and aging. Archives of Toxicology, 2023, 97, 2499-2574.	1.9	74
10505	Molecular Mechanisms of Environmental Oncogenesis. , 2023, , 3-60.		0
10506	Natural Antioxidants: An Update. , 0, , .		0
10521	Reactive X (where X = O, N, S, C, Cl, Br, and I) species nanomedicine. Chemical Society Reviews, 2023, 52, 6957-7035.	18.7	3
10544	Mangrove-associated endomycota: diversity and functional significance as a source of novel drug leads. Archives of Microbiology, 2023, 205, .	1.0	0
10546	Proteins extracted from brown seaweed and their potential uses as foods and nutraceuticals. , 2024, , 175-194.		0
10575	Therapeutic Potential of Haematococcus pluvialis in the Field of Drug Delivery. , 2023, , 181-210.		0
10581	A Theoretical Review on Challenges and Solutions of the Free Radical Scavenging Capability of Single-Walled Carbon Nanotubes (SWCNTs). Lecture Notes in Electrical Engineering, 2024, , 3-44.	0.3	0

#	ARTICLE	IF	CITATIONS
10589	Mitochondrial Quality Measures in the Regulation of Tumor Progression and Metastasis. , 2023, , 1-19.		0
10620	Antioxidants Mitigate Oxidative Stress: A General Overview. Food Bioactive Ingredients, 2023, , 149-169.	0.3	0
10621	Oxidative Stress as a Triggering Mechanism of Various Diseases. Food Bioactive Ingredients, 2023, , 71-87.	0.3	0
10622	Physiological Significance of Oxidative Stress and Anti-oxidative System. Food Bioactive Ingredients, 2023, , 49-69.	0.3	0
10624	Antioxidants as Adjuncts to Conventional Therapies Against Oxidative Stress. Food Bioactive Ingredients, 2023, , 215-247.	0.3	0
10640	Potential and risks of nanotechnology applications in COVID-19-related strategies for pandemic control. Journal of Nanoparticle Research, 2023, 25, .	0.8	0
10672	Intracoronary Whitening of Root-Filled Teeth. , 2023, , 185-214.		0
10675	Oxide Nanocrystals with Variable Valence Ions for Hydroxyl Radical Neutralization. , 2023, , .		0
10700	ROS, Redox Regulation and Signaling in Cancer Cells. , 2023, , 1-47.		0
10711	Immune System, Redox Signaling, and Cancer Immunity. , 2023, , 207-235.		0
10712	Free Radicals in Biology. , 2023, , 107-122.		0
10743	Road Traffic Noise in Developing Countries: An Epidemiological Focus on India. , 2024, , 1-28.		0
10749	Dopamine oxidation promoted by human telomeric DNA models in the presence of a Cu(II) terpyridine chelate. Chemical Communications, 2024, 60, 1172-1175.	2.2	0
10759	Outlook for AI in Oral Surgery and Periodontics. , 2023, , 97-130.		0
10767	Cadmium-Induced Neurotoxicity. , 2024, , 103-118.		0
10769	Cellular Stress, Survival Mechanism and Adaptation. , 2023, , 243-262.		0
10770	Functional food for mitochondrial dysfunction and autophagy in neurodegenerative diseases. , 2024, , 31-61.		0
10771	Neuroprotection induced by epigallocatechin-3-gallate. , 2024, , 1321-1339.		0

#	ARTICLE	IF	CITATIONS
10773	Role of antioxidants in neutralizing oxidative stress. , 2024, , 353-378.		0
10776	Geriatric diseases of dogs and cats. , 2024, , 339-361.		0
10784	Introductory Chapter: Reactive Oxygen Speciesâ€™ Origin and Significance. Biochemistry, 0, , .	0.8	0
10785	Fruits of Wild-Grown Shrubs for Health Nutrition. Plant Foods for Human Nutrition, 2024, 79, 20-37.	1.4	0
10794	Nanomaterials in forensics. , 2024, , 153-177.		0
10800	The role of oral antioxidants in the improvement of sperm parameters in infertile men. World Journal of Urology, 2024, 42, .	1.2	0
10804	Mechanisms of oxidative stress in interstitial cystitis/bladder pain syndrome. Nature Reviews Urology, 0, , .	1.9	0
10816	Introductory Chapter: Reactive Oxygen Species â€™ Origin and Significance. Biochemistry, 0, , .	0.8	0
10818	Perioperative Mitigation of Oxidative Stress with Molecular Hydrogen During Simulated Heart Transplantation in Pigs. , 2024, , 179-193.		0
10822	A review on therapeutic use of iron in cancer treatment. AIP Conference Proceedings, 2024, , .	0.3	0
10829	Endophytic microorganisms as a source of bioactive compounds. , 2024, , 247-274.		0
10876	In Vitro Antioxidant and In Vitro Cytotoxic Potentials of Ancardium occidentale Linn. Against Hep G2 Cell Lines. Advances in Medical Diagnosis, Treatment, and Care, 2024, , 327-342.	0.1	0