

Neven Zarkovic

List of Publications by Year in descending order

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Version: 2024-02-01

204
papers

9,470
citations

38742

50
h-index

48315

88
g-index

208
all docs

208
docs citations

208
times ranked

13614
citing authors

#	ARTICLE	IF	CITATIONS
1	Short overview on the relevance of microRNAâ€™ reactive oxygen species (ROS) interactions and lipid peroxidation for modulation of oxidative stress-mediated signalling pathways in cancer treatment. <i>Journal of Pharmacy and Pharmacology</i> , 2022, 74, 503-515.	2.4	5
2	Post-mortem Findings of Inflammatory Cells and the Association of 4-Hydroxynonenal with Systemic Vascular and Oxidative Stress in Lethal COVID-19. <i>Cells</i> , 2022, 11, 444.	4.1	16
3	Oxidative stress and regeneration. <i>Free Radical Biology and Medicine</i> , 2022, 181, 154-165.	2.9	47
4	Oxidative Stress and Cancer Heterogeneity Orchestrate NRF2 Roles Relevant for Therapy Response. <i>Molecules</i> , 2022, 27, 1468.	3.8	14
5	Spontaneous Regression of Cancer: Revealing Granulocytes and Oxidative Stress as the Crucial Double-edge Sword. <i>Frontiers in Bioscience</i> , 2022, 27, 119.	2.1	4
6	Influence of Inhibition of COX-2-Dependent Lipid Metabolism on Regulation of UVB-Induced Keratinocytes Apoptosis by Cannabinoids. <i>Biomolecules</i> , 2022, 12, 842.	4.0	5
7	Metabolomics in posttraumatic stress disorder: Untargeted metabolomic analysis of plasma samples from Croatian war veterans. <i>Free Radical Biology and Medicine</i> , 2021, 162, 636-641.	2.9	14
8	Sensitivity of Osteosarcoma Cells to Concentration-Dependent Bioactivities of Lipid Peroxidation Product 4-Hydroxynonenal Depend on Their Level of Differentiation. <i>Cells</i> , 2021, 10, 269.	4.1	8
9	The Onset of Systemic Oxidative Stress Associated with the Accumulation of Lipid Peroxidation Product Acrolein in the Skin of Patients with Small-Vessel Vasculitis. <i>Molecules</i> , 2021, 26, 2344.	3.8	9
10	Short Overview of Some Assays for the Measurement of Antioxidant Activity of Natural Products and Their Relevance in Dermatology. <i>Molecules</i> , 2021, 26, 5301.	3.8	9
11	Preliminary Findings on the Association of the Lipid Peroxidation Product 4-Hydroxynonenal with the Lethal Outcome of Aggressive COVID-19. <i>Antioxidants</i> , 2021, 10, 1341.	5.1	35
12	Disease-Dependent Antiapoptotic Effects of Cannabidiol for Keratinocytes Observed upon UV Irradiation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9956.	4.1	9
13	Association of Lipid Peroxidation Product 4-Hydroxynonenal with Post-Traumatic Stress Disorder. <i>Biomolecules</i> , 2021, 11, 1365.	4.0	10
14	Lipid peroxidation in brain tumors. <i>Neurochemistry International</i> , 2021, 149, 105118.	3.8	29
15	Oxidative Stress and Lipid Mediators Modulate Immune Cell Functions in Autoimmune Diseases. <i>International Journal of Molecular Sciences</i> , 2021, 22, 723.	4.1	51
16	Editorial on Anticancer Antioxidants. <i>Antioxidants</i> , 2021, 10, 1782.	5.1	2
17	Cannabidiol as a modulator of apoptosis of psoriatic and healthy keratinocytes. <i>Free Radical Biology and Medicine</i> , 2021, 177, S126-S127.	2.9	0
18	Poor Agreement Between Two Commonly Used Measures of Shame- and Guilt-Proneness. <i>Journal of Personality Assessment</i> , 2020, 102, 499-507.	2.1	5

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19	The relevance of pathophysiological alterations in redox signaling of 4-hydroxynonenal for pharmacological therapies of major stress-associated diseases. <i>Free Radical Biology and Medicine</i> , 2020, 157, 128-153.	2.9	70
20	Reduced Proteasome Activity and Enhanced Autophagy in Blood Cells of Psoriatic Patients. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7608.	4.1	12
21	The NRF2, Thioredoxin, and Glutathione System in Tumorigenesis and Anticancer Therapies. <i>Antioxidants</i> , 2020, 9, 1151.	5.1	74
22	Involvement of Metabolic Lipid Mediators in the Regulation of Apoptosis. <i>Biomolecules</i> , 2020, 10, 402.	4.0	33
23	Roles and Functions of ROS and RNS in Cellular Physiology and Pathology. <i>Cells</i> , 2020, 9, 767.	4.1	64
24	The Appearance of 4-Hydroxy-2-Nonenal (HNE) in Squamous Cell Carcinoma of the Oropharynx. <i>Molecules</i> , 2020, 25, 868.	3.8	12
25	Glucose as a Major Antioxidant: When, What for and Why It Fails?. <i>Antioxidants</i> , 2020, 9, 140.	5.1	58
26	Utilizing Iron for Targeted Lipid Peroxidation as Anticancer Option of Integrative Biomedicine: A Short Review of Nanosystems Containing Iron. <i>Antioxidants</i> , 2020, 9, 191.	5.1	21
27	Metabolomic and glycomic findings in posttraumatic stress disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 88, 181-193.	4.8	38
28	Short Overview of ROS as Cell Function Regulators and Their Implications in Therapy Concepts. <i>Cells</i> , 2019, 8, 793.	4.1	192
29	Nutritional Stress in Head and Neck Cancer Originating Cell Lines: The Sensitivity of the NRF2-NQO1 Axis. <i>Cells</i> , 2019, 8, 1001.	4.1	19
30	Altered Lipid Metabolism in Blood Mononuclear Cells of Psoriatic Patients Indicates Differential Changes in Psoriasis Vulgaris and Psoriatic Arthritis. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4249.	4.1	53
31	Beneficial Effects of Vitamins K and D3 on Redox Balance of Human Osteoblasts Cultured with Hydroxyapatite-Based Biomaterials. <i>Cells</i> , 2019, 8, 325.	4.1	24
32	Antioxidant Activities of Alkyl Substituted Pyrazine Derivatives of Chalcones – In Vitro and In Silico Study. <i>Antioxidants</i> , 2019, 8, 90.	5.1	31
33	The Role of Acrolein and NADPH Oxidase in the Granulocyte-Mediated Growth-Inhibition of Tumor Cells. <i>Cells</i> , 2019, 8, 292.	4.1	13
34	Amaranth oil reduces accumulation of 4-hydroxynonenal-histidine adducts in gastric mucosa and improves heart rate variability in duodenal peptic ulcer patients undergoing <i>Helicobacter pylori</i> eradication. <i>Free Radical Research</i> , 2018, 52, 135-149.	3.3	19
35	CD36 expression in peripheral blood mononuclear cells reflects the onset of atherosclerosis. <i>BioFactors</i> , 2018, 44, 588-596.	5.4	16
36	Short overview on metabolomic approach and redox changes in psychiatric disorders. <i>Redox Biology</i> , 2018, 14, 178-186.	9.0	70

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37	Biomarkers of nitro-oxidation and oxidative stress. <i>Current Opinion in Toxicology</i> , 2018, 7, 73-80.	5.0	9
38	Short overview on metabolomics approach to study pathophysiology of oxidative stress in cancer. <i>Redox Biology</i> , 2018, 14, 47-58.	9.0	102
39	Antioxidants and Second Messengers of Free Radicals. <i>Antioxidants</i> , 2018, 7, 158.	5.1	14
40	Cell-Type-Specific Modulation of Hydrogen Peroxide Cytotoxicity and 4-Hydroxynonenal Binding to Human Cellular Proteins In Vitro by Antioxidant Aloe vera Extract. <i>Antioxidants</i> , 2018, 7, 125.	5.1	18
41	Pathophysiological Alterations of Redox Signaling and Endocannabinoid System in Granulocytes and Plasma of Psoriatic Patients. <i>Cells</i> , 2018, 7, 159.	4.1	60
42	Antioxidative 1,4-Dihydropyridine Derivatives Modulate Oxidative Stress and Growth of Human Osteoblast-Like Cells In Vitro. <i>Antioxidants</i> , 2018, 7, 123.	5.1	21
43	Development of a novel monoclonal antibody against 4-hydroxy-2E,6Z-dodecadienal (4-HDDE)-protein adducts: Immunochemical application in quantitative and qualitative analyses of lipid peroxidation in vitro and ex vivo. <i>Free Radical Biology and Medicine</i> , 2018, 124, 12-20.	2.9	5
44	S-metolachlor promotes oxidative stress in green microalga <i>Parachlorella kessleri</i> - A potential environmental and health risk for higher organisms. <i>Science of the Total Environment</i> , 2018, 637-638, 41-49.	8.0	19
45	4-Hydroxynonenal in Redox Homeostasis of Gastrointestinal Mucosa: Implications for the Stomach in Health and Diseases. <i>Antioxidants</i> , 2018, 7, 118.	5.1	17
46	4-hydroxynonenal causes impairment of human subcutaneous adipogenesis and induction of adipocyte insulin resistance. <i>Free Radical Biology and Medicine</i> , 2017, 104, 129-137.	2.9	51
47	Cancer growth regulation by 4-hydroxynonenal. <i>Free Radical Biology and Medicine</i> , 2017, 111, 226-234.	2.9	50
48	Controversy about pharmacological modulation of Nrf2 for cancer therapy. <i>Redox Biology</i> , 2017, 12, 727-732.	9.0	114
49	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.	9.0	242
50	Editorial Introduction to the Special Issue on 4-Hydroxynonenal and Related Lipid Oxidation Products. <i>Free Radical Biology and Medicine</i> , 2017, 111, 2-5.	2.9	10
51	Preface to the Special Issue on 4-Hydroxynonenal and Related Lipid Oxidation Products. <i>Free Radical Biology and Medicine</i> , 2017, 111, 1.	2.9	5
52	Combined metformin and insulin treatment reverses metabolically impaired omental adipogenesis and accumulation of 4-hydroxynonenal in obese diabetic patients. <i>Redox Biology</i> , 2017, 12, 483-490.	9.0	42
53	Positron emission tomography-computed tomography and 4-hydroxynonenal-histidine immunohistochemistry reveal differential onset of lipid peroxidation in primary lung cancer and in pulmonary metastasis of remote malignancies. <i>Redox Biology</i> , 2017, 11, 600-605.	9.0	17
54	Contribution of the HNE-immunohistochemistry to modern pathological concepts of major human diseases. <i>Free Radical Biology and Medicine</i> , 2017, 111, 110-126.	2.9	62

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55	4-Hydroxynonenal as a biomarker of redox regulation in pathophysiology of metabolic stress. <i>Free Radical Biology and Medicine</i> , 2017, 108, S12.	2.9	0
56	Mitochondrial control of apoptosis through modulation of cardiolipin oxidation in hepatocellular carcinoma: A novel link between oxidative stress and cancer. <i>Free Radical Biology and Medicine</i> , 2017, 102, 67-76.	2.9	93
57	Biomarkers of oxidative and nitro-oxidative stress: conventional and novel approaches. <i>British Journal of Pharmacology</i> , 2017, 174, 1771-1783.	5.4	71
58	1,4-Dihydropyridines as Tools for Mitochondrial Medicine Against Oxidative Stress and Associated Metabolic Disorders. <i>Current Organic Chemistry</i> , 2017, 21, .	1.6	4
59	Investigating the use of curcumin-loaded electrospun filaments for soft tissue repair applications. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 3977-3991.	6.7	24
60	Modulation of Oxidative Stress: Pharmaceutical and Pharmacological Aspects 2017. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-2.	4.0	6
61	Dihydropyridine Derivatives as Cell Growth Modulators In Vitro. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-15.	4.0	277
62	Pathophysiology of neutrophil-mediated extracellular redox reactions. <i>Frontiers in Bioscience - Landmark</i> , 2016, 21, 839-855.	3.0	56
63	1,4-Dihydropyridine Derivatives: Dihydropyridine Analogues as Model Compounds Targeting Oxidative Stress. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-35.	4.0	62
64	A Review on Food-Associated Carcinogenesis. , 2016, , 35-56.		1
65	Lipid peroxidation in the pathogenesis of neuroborreliosis. <i>Free Radical Biology and Medicine</i> , 2016, 96, 255-263.	2.9	23
66	Lipid mediators involved in the oxidative stress and antioxidant defence of human lung cancer cells. <i>Redox Biology</i> , 2016, 9, 210-219.	9.0	47
67	Biocompatibility of implantable materials: An oxidative stress viewpoint. <i>Biomaterials</i> , 2016, 109, 55-68.	11.4	158
68	The onset of lipid peroxidation in rheumatoid arthritis: consequences and monitoring. <i>Free Radical Research</i> , 2016, 50, 304-313.	3.3	66
69	Tick-borne encephalitis as a lipid peroxidation and its consequences. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2016, 76, 1-9.	1.2	24
70	Foam cell-derived 4-hydroxynonenal induces endothelial cell senescence in a TXNIP-dependent manner. <i>Journal of Cellular and Molecular Medicine</i> , 2015, 19, 1887-1899.	3.6	42
71	Overview on major lipid peroxidation bioactive factor 4-hydroxynonenal as pluripotent growth-regulating factor. <i>Free Radical Research</i> , 2015, 49, 850-860.	3.3	72
72	Revealing mechanisms of selective, concentration-dependent potentials of 4-hydroxy-2-nonenal to induce apoptosis in cancer cells through inactivation of membrane-associated catalase. <i>Free Radical Biology and Medicine</i> , 2015, 81, 128-144.	2.9	62

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73	Elastin aging and lipid oxidation products in human aorta. <i>Redox Biology</i> , 2015, 4, 109-117.	9.0	46
74	The lack of 4-hydroxynonenal in otosclerotic bone tissue in Ethiopian population. <i>European Archives of Oto-Rhino-Laryngology</i> , 2015, 272, 2783-2789.	1.6	1
75	The correlations of glycated hemoglobin and carbohydrate metabolism parameters with heart rate variability in apparently healthy sedentary young male subjects. <i>Redox Biology</i> , 2015, 5, 301-307.	9.0	26
76	Dietary polyunsaturated fatty acids and heme iron induce oxidative stress biomarkers and a cancer promoting environment in the colon of rats. <i>Free Radical Biology and Medicine</i> , 2015, 83, 192-200.	2.9	102
77	Clinical Relevance of Biomarkers of Oxidative Stress. <i>Antioxidants and Redox Signaling</i> , 2015, 23, 1144-1170.	5.4	604
78	The pathophysiology of otosclerosis: Review of current research. <i>Hearing Research</i> , 2015, 330, 51-56.	2.0	82
79	Tick-borne encephalitis - lipid peroxidation and its consequences. <i>Free Radical Biology and Medicine</i> , 2015, 86, S26-S27.	2.9	0
80	Transcriptional and antioxidative responses to endogenous polyunsaturated fatty acid accumulation in yeast. <i>Molecular and Cellular Biochemistry</i> , 2015, 399, 27-37.	3.1	12
81	Selected Attributes of Polyphenols in Targeting Oxidative Stress in Cancer. <i>Current Topics in Medicinal Chemistry</i> , 2015, 15, 496-509.	2.1	56
82	Adjuvant Cancer Biotherapy by <i>Viscum Album</i> Extract Isorel: Overview of Evidence Based Medicine Findings. <i>Collegium Antropologicum</i> , 2015, 39, 701-8.	0.2	4
83	Pyridine Nucleotides in Regulation of Cell Death and Survival by Redox and Non-Redox Reactions. <i>Critical Reviews in Eukaryotic Gene Expression</i> , 2014, 24, 287-309.	0.9	16
84	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.	4.0	51
85	Lipid peroxidation in Rheumatoid arthritis; consequences and monitoring. <i>Free Radical Biology and Medicine</i> , 2014, 75, S49.	2.9	6
86	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.	8.2	16
87	Redox Control of Microglial Function: Molecular Mechanisms and Functional Significance. <i>Antioxidants and Redox Signaling</i> , 2014, 21, 1766-1801.	5.4	261
88	Oxygen-rich coating promotes binding of proteins and endothelialization of polyethylene terephthalate polymers. <i>Journal of Biomedical Materials Research - Part A</i> , 2014, 102, 2305-2314.	4.0	14
89	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.	3.3	58
90	Lipid peroxidation-derived 4-hydroxynonenal-modified proteins accumulate in human facial skin fibroblasts during ageing <i>in vitro</i> . <i>Biogerontology</i> , 2014, 15, 105-110.	3.9	30

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91	Sarcoplasmic reticulum Ca ²⁺ -ATPase from rabbit skeletal muscle modified by peroxy-nitrite. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2014, 29, 563-570.	5.2	4
92	Creating Holistic Project-knowledge Society through Project Management Education in Research and Development. <i>Procedia, Social and Behavioral Sciences</i> , 2014, 119, 210-218.	0.5	2
93	Adsorption of Proteins and Cell Adhesion to Plasma Treated Polymer Substrates. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2014, 63, 685-691.	3.4	22
94	Oxidative Stress and Antioxidants in Carcinogenesis and Integrative Therapy of Cancer. <i>Current Pharmaceutical Design</i> , 2014, 20, 6529-6542.	1.9	81
95	Trace elements and oxidative stress in hypertensive disorders of pregnancy. <i>Archives of Gynecology and Obstetrics</i> , 2013, 287, 19-24.	1.7	38
96	Advanced glycoxidation and lipoxidation end products (AGEs and ALEs): an overview of their mechanisms of formation. <i>Free Radical Research</i> , 2013, 47, 3-27.	3.3	602
97	Improved proliferation of human osteosarcoma cells on oxygen plasma treated polystyrene. <i>Vacuum</i> , 2013, 98, 116-121.	3.5	13
98	Pathophysiological relevance of aldehydic protein modifications. <i>Journal of Proteomics</i> , 2013, 92, 239-247.	2.4	115
99	The dynamics of soluble Fas/APO 1 apoptotic biochemical marker in acute ischemic stroke patients. <i>Advances in Medical Sciences</i> , 2013, 58, 298-303.	2.1	10
100	Measurement of HNE-protein adducts in human plasma and serum by ELISA—Comparison of two primary antibodies. <i>Redox Biology</i> , 2013, 1, 226-233.	9.0	101
101	An assay for the rate of removal of extracellular hydrogen peroxide by cells. <i>Redox Biology</i> , 2013, 1, 210-217.	9.0	52
102	Reactive aldehydes — second messengers of free radicals in diabetes mellitus. <i>Free Radical Research</i> , 2013, 47, 39-48.	3.3	96
103	The effects of angiotensin II and the oxidative stress mediator 4-hydroxynonenal on human osteoblast-like cell growth: possible relevance to otosclerosis. <i>Free Radical Biology and Medicine</i> , 2013, 57, 22-28.	2.9	15
104	Assays for the Measurement of Lipid Peroxidation. <i>Methods in Molecular Biology</i> , 2013, 965, 283-296.	0.9	61
105	Stobadine attenuates impairment of an intestinal barrier model caused by 4-hydroxynonenal. <i>Toxicology in Vitro</i> , 2013, 27, 426-432.	2.4	12
106	Lipid peroxidation, detoxification capacity, and genome damage in mice after transplacental exposure to pharmaceutical drugs. <i>Brazilian Journal of Medical and Biological Research</i> , 2013, 46, 1014-1020.	1.5	5
107	Even stressed cells are individuals: second messengers of free radicals in pathophysiology of cancer. <i>Croatian Medical Journal</i> , 2012, 53, 304-309.	0.7	39
108	Chemistry and personalized medicine — the research and development future of Europe. <i>Croatian Medical Journal</i> , 2012, 53, 291-293.	0.7	4

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109	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.	2.7	4
110	Effect of Angiotensin II on Inflammation Pathways in Human Primary Bone Cell Cultures in Otosclerosis. <i>Audiology and Neuro-Otology</i> , 2012, 17, 169-178.	1.3	11
111	Elevated neutrophil elastase and acrolein-protein adducts are associated with W256 regression. <i>Clinical and Experimental Immunology</i> , 2012, 170, 178-185.	2.6	22
112	Quercetin supplementation: insight into the potentially harmful outcomes of neurodegenerative prevention. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2012, 385, 1185-1197.	3.0	13
113	Activation of aerobic metabolism by Amaranth oil improves heart rate variability both in athletes and patients with type 2 diabetes mellitus. <i>Archives of Physiology and Biochemistry</i> , 2012, 118, 47-57.	2.1	29
114	Effects of bioreactive acrolein from automotive exhaust gases on human cells <i>in vitro</i> . <i>Environmental Toxicology</i> , 2012, 27, 644-652.	4.0	17
115	Biocompatibility of oxygen-plasma-treated polystyrene substrates. <i>EPJ Applied Physics</i> , 2011, 56, 24024.	0.7	20
116	Endogenous 4-hydroxy-2-nonenal in microalga <i>Chlorella kessleri</i> acts as a bioactive indicator of pollution with common herbicides and growth regulating factor of hormesis. <i>Aquatic Toxicology</i> , 2011, 105, 552-558.	4.0	31
117	Antitumor effect of Croatian propolis as a consequence of diverse sex-related dihydropyrimidine dehydrogenase (DPD) protein expression. <i>Phytomedicine</i> , 2011, 18, 852-858.	5.3	12
118	Distribution and Time-Course of 4-Hydroxynonenal, Heat Shock Protein 110/105 Family Members and Cyclooxygenase-2 Expression in the Hippocampus of Rat During Trimethyltin-Induced Neurodegeneration. <i>Neurochemical Research</i> , 2011, 36, 1490-1500.	3.3	12
119	Growth modulation of human cells <i>in vitro</i> by mild oxidative stress and 1,4-dihydropyridine derivative antioxidants. <i>Collegium Antropologicum</i> , 2011, 35, 137-41.	0.2	3
120	Ergometry Induces Systemic Oxidative Stress in Healthy Human Subjects. <i>Tohoku Journal of Experimental Medicine</i> , 2010, 221, 43-48.	1.2	25
121	Natural and synthetic antioxidants: An updated overview. <i>Free Radical Research</i> , 2010, 44, 1216-1262.	3.3	229
122	Pathological aspects of lipid peroxidation. <i>Free Radical Research</i> , 2010, 44, 1125-1171.	3.3	344
123	Cyp4a14 overexpression induced by hyperoxia in female CBA mice as a possible contributor of increased resistance to oxidative stress. <i>Free Radical Research</i> , 2010, 44, 181-190.	3.3	13
124	Lipid peroxidation product acrolein as a predictive biomarker of prostate carcinoma relapse after radical surgery. <i>Free Radical Research</i> , 2010, 44, 497-504.	3.3	16
125	HNE-protein adducts formation in different pre-carcinogenic stages of hepatitis in LEC rats. <i>Free Radical Research</i> , 2010, 44, 119-127.	3.3	35
126	An inter-laboratory validation of methods of lipid peroxidation measurement in UVA-treated human plasma samples. <i>Free Radical Research</i> , 2010, 44, 1203-1215.	3.3	56

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127	A fish oil-rich diet reduces vascular oxidative stress in apoE ^{-/-} mice. Free Radical Research, 2010, 44, 821-829.	3.3	50
128	Molecular Regulations Induced by Acrolein in Neuroblastoma SK-N-SH Cells: Relevance to Alzheimer's Disease. Journal of Alzheimer's Disease, 2010, 21, 1197-1216.	2.6	24
129	Lipid peroxidation research in Europe and the COST B35 action "Lipid Peroxidation Associated Disorders". Free Radical Research, 2010, 44, 1095-1097.	3.3	8
130	Granulocytes as effective anticancer agent in experimental solid tumor models. Immunobiology, 2010, 215, 1015-1020.	1.9	26
131	Advances in methods for the determination of biologically relevant lipid peroxidation products. Free Radical Research, 2010, 44, 1172-1202.	3.3	127
132	Growth suppression of human breast carcinoma stem cells by lipid peroxidation product 4-hydroxy-2-nonenal and hydroxyl radical-modified collagen.. Acta Biochimica Polonica, 2010, 57, .	0.5	14
133	Lipid peroxidation product 4-hydroxynonenal as factor of oxidative homeostasis supporting bone regeneration with bioactive glasses.. Acta Biochimica Polonica, 2010, 57, .	0.5	18
134	Induction of CMV-1 promoter by 4-hydroxy-2-nonenal in human embryonic kidney cells.. Acta Biochimica Polonica, 2010, 57, .	0.5	25
135	Interval hypoxic training in complex treatment of Helicobacter pylori-associated peptic ulcer disease.. Acta Biochimica Polonica, 2010, 57, .	0.5	11
136	<i>In vitro</i> model of bone regeneration with bioactive glass and lipid peroxidation. Orvosi Hetilap, 2010, 4, 73-78.	0.2	0
137	Induction of CMV-1 promoter by 4-hydroxy-2-nonenal in human embryonic kidney cells. Acta Biochimica Polonica, 2010, 57, 179-83.	0.5	11
138	Lipid peroxidation product 4-hydroxynonenal as factor of oxidative homeostasis supporting bone regeneration with bioactive glasses. Acta Biochimica Polonica, 2010, 57, 173-8.	0.5	7
139	Interval hypoxic training in complex treatment of Helicobacter pylori-associated peptic ulcer disease. Acta Biochimica Polonica, 2010, 57, 199-208.	0.5	5
140	Growth suppression of human breast carcinoma stem cells by lipid peroxidation product 4-hydroxy-2-nonenal and hydroxyl radical-modified collagen. Acta Biochimica Polonica, 2010, 57, 165-71.	0.5	13
141	Reversal of multidrug resistance in murine lymphoma cells by amphiphilic dihydropyridine antioxidant derivative. Anticancer Research, 2010, 30, 4063-9.	1.1	12
142	Distribution of 4-Hydroxynonenal-Protein Conjugates as a Marker of Lipid Peroxidation and Parameter of Malignancy in Astrocytic and Ependymal Tumors of the Brain. Tumori, 2009, 95, 762-768.	1.1	33
143	Specific thermographic changes during Walker 256 carcinoma development: Differential infrared imaging of tumour, inflammation and haematoma. Cancer Detection and Prevention, 2009, 32, 431-436.	2.1	21
144	Oxidative stress and ferritin expression in the skin of patients with rosacea. Journal of the American Academy of Dermatology, 2009, 60, 270-276.	1.2	68

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145	Mitochondrial alterations in aging rat brain: effective role of (âˆ—)â€šepigallo catechin gallate. <i>International Journal of Developmental Neuroscience</i> , 2009, 27, 223-231.	1.6	65
146	Oxidative stress in small-for-gestational age (SGA) term newborns and their mothers. <i>Free Radical Research</i> , 2009, 43, 376-384.	3.3	52
147	Persistent accumulation of 4-hydroxynonenal-protein adducts in gastric mucosa after <i>Helicobacter pylori</i> eradication. <i>Collegium Antropologicum</i> , 2009, 33, 815-21.	0.2	10
148	Distribution of 4-hydroxynonenal-protein conjugates as a marker of lipid peroxidation and parameter of malignancy in astrocytic and ependymal tumors of the brain. <i>Tumori</i> , 2009, 95, 762-8.	1.1	18
149	The involvement of granulocytes in spontaneous regression of Walker 256 carcinoma. <i>Cancer Letters</i> , 2008, 260, 180-186.	7.2	35
150	Adaptation to oxidative stress induced by polyunsaturated fatty acids in yeast. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2008, 1781, 283-287.	2.4	48
151	Comparative Study on the Antioxidant and Biological Activities of Carvacrol, Thymol, and Eugenol Derivatives. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 3989-3996.	5.2	233
152	The distribution of 4-hydroxynonenal-modified proteins in gastric mucosa of duodenal peptic ulcer patients. <i>Free Radical Research</i> , 2008, 42, 205-211.	3.3	20
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