

Morana Jaganjac

List of Publications by Year in descending order

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Version: 2024-02-01

80
papers

2,415
citations

218677

26
h-index

223800

46
g-index

84
all docs

84
docs citations

84
times ranked

3654
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	Mitochondrial ROS control neuronal excitability and cell fate in frontotemporal dementia. <i>Alzheimer's and Dementia</i> , 2022, 18, 318-338.	0.8	27
3	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
4	Oxidative stress and regeneration. <i>Free Radical Biology and Medicine</i> , 2022, 181, 154-165.	2.9	47
5	Oxidative Stress and Cancer Heterogeneity Orchestrate NRF2 Roles Relevant for Therapy Response. <i>Molecules</i> , 2022, 27, 1468.	3.8	14
6	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
7	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
8	Analysis of Multiple Mycotoxins in the Qatari Population and Their Relation to Markers of Oxidative Stress. <i>Toxins</i> , 2021, 13, 267.	3.4	4
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	Proteomic Analysis of Cardiac Adaptation to Exercise by High Resolution Mass Spectrometry. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 723858.	3.5	9
12	Lipid peroxidation in brain tumors. <i>Neurochemistry International</i> , 2021, 149, 105118.	3.8	29
13	Lipid peroxidation is involved in calcium dependent upregulation of mitochondrial metabolism in skeletal muscle. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2020, 1864, 129487.	2.4	22
14	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
15	The NRF2, Thioredoxin, and Glutathione System in Tumorigenesis and Anticancer Therapies. <i>Antioxidants</i> , 2020, 9, 1151.	5.1	74
16	Determination of multiple mycotoxins in Qatari population serum samples by LC-MS/MS. <i>World Mycotoxin Journal</i> , 2020, 13, 57-65.	1.4	3
17	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
18	Dietary exposure of the Qatari population to food mycotoxins and reflections on the regulation limits. <i>Toxicology Reports</i> , 2019, 6, 975-982.	3.3	22

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19	Mycotoxin contamination of food and feed in the Gulf Cooperation Council countries and its detection. <i>Toxicon</i> , 2019, 171, 43-50.	1.6	53
20	Aflatoxin, fumonisin, ochratoxin, zearalenone and deoxynivalenol biomarkers in human biological fluids: A systematic literature review, 2001–2018. <i>Food and Chemical Toxicology</i> , 2019, 129, 211-228.	3.6	119
21	Evaluation of Apoptotic, Antiproliferative, and Antimigratory Activity of <i>Origanum syriacum</i> against Metastatic Colon Cancer Cells. <i>Journal of Herbs, Spices and Medicinal Plants</i> , 2019, 25, 202-217.	1.1	5
22	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
23	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
24	Whole Blood Storage in CPDA1 Blood Bags Alters Erythrocyte Membrane Proteome. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-12.	4.0	18
25	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
26	$\hat{\alpha}$ -synuclein oligomers interact with ATP synthase and open the permeability transition pore in Parkinson's disease. <i>Nature Communications</i> , 2018, 9, 2293.	12.8	351
27	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
28	Analysis of RBC-microparticles in stored whole blood bags – a promising marker to detect blood doping in sports?. <i>Drug Testing and Analysis</i> , 2017, 9, 1794-1798.	2.6	12
29	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
30	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
31	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
32	Pathophysiology of neutrophil-mediated extracellular redox reactions. <i>Frontiers in Bioscience - Landmark</i> , 2016, 21, 839-855.	3.0	56
33	Interleukin-6 induces impairment in human subcutaneous adipogenesis in obesity-associated insulin resistance. <i>Diabetologia</i> , 2016, 59, 2406-2416.	6.3	67
34	The Role of 4-hydroxynonenal in Human Preadipocyte Proliferation and Differentiation. , 2016, , .		0
35	Permeation of platinum and rhodium nanoparticles through intact and damaged human skin. <i>Journal of Nanoparticle Research</i> , 2015, 17, 1.	1.9	25
36	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

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37	Adsorption of Proteins and Cell Adhesion to Plasma Treated Polymer Substrates. International Journal of Polymeric Materials and Polymeric Biomaterials, 2014, 63, 685-691.	3.4	22
38	Qatar Cultivated Vegetables Enhance Resistance To Protein Modifications Induced By Altered Redox Homeostasis. , 2014, , .		0
39	Influence Of Qatar Agricultural Products On Human Cell Redox Homeostasis. , 2014, , .		0
40	Exercise Induced Changes In Erythrocyte Membrane Proteome. , 2014, , .		0
41	Insulin Resistance-associated Impairment Of Preadipocyte Differentiation In Human Abdominal Obesity. , 2014, , .		0
42	Improved proliferation of human osteosarcoma cells on oxygen plasma treated polystyrene. Vacuum, 2013, 98, 116-121.	3.5	13
43	Protein Adsorption on Various Plasma-Treated Polyethylene Terephthalate Substrates. Molecules, 2013, 18, 12441-12463.	3.8	49
44	Pathophysiological relevance of aldehydic protein modifications. Journal of Proteomics, 2013, 92, 239-247.	2.4	115
45	Reactive aldehydes – second messengers of free radicals in diabetes mellitus. Free Radical Research, 2013, 47, 39-48.	3.3	96
46	Assays for the Measurement of Lipid Peroxidation. Methods in Molecular Biology, 2013, 965, 283-296.	0.9	61
47	Stobadine attenuates impairment of an intestinal barrier model caused by 4-hydroxynonenal. Toxicology in Vitro, 2013, 27, 426-432.	2.4	12
48	Comparison Of Different Assays To Measure Antioxidant Capacity In Qatari Grown Food. , 2013, , .		0
49	Development Of A Novel Method For The Selective Detection Of Erythrocyte Membrane Bound Proteins. , 2013, , .		0
50	The sidra tree: Profiling of proteins and small molecules using high resolution accurate mass protocols. , 2013, , .		0
51	Even stressed cells are individuals: second messengers of free radicals in pathophysiology of cancer. Croatian Medical Journal, 2012, 53, 304-309.	0.7	39
52	Elevated neutrophil elastase and acrolein-protein adducts are associated with W256 regression. Clinical and Experimental Immunology, 2012, 170, 178-185.	2.6	22
53	Effects of bioreactive acrolein from automotive exhaust gases on human cells <i>in vitro</i> . Environmental Toxicology, 2012, 27, 644-652.	4.0	17
54	Progressive pigmented purpuric dermatitis and alopecia areata as unusual skin manifestations in recognizing hereditary hemochromatosis. Acta Dermatovenerologica Croatica, 2012, 20, 181-6.	0.1	5

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55	Biocompatibility of oxygen-plasma-treated polystyrene substrates. <i>EPJ Applied Physics</i> , 2011, 56, 24024.	0.7	20
56	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
57	Effect of ferric ions on reactive oxygen species formation, cervical cancer cell lines growth and E6/E7 oncogene expression. <i>Toxicology in Vitro</i> , 2011, 25, 160-166.	2.4	29
58	Growth modulation of human cells in vitro by mild oxidative stress and 1,4-dihydropyridine derivative antioxidants. <i>Collegium Antropologicum</i> , 2011, 35, 137-41.	0.2	3
59	Altered iron metabolism, inflammation, transferrin receptors, and ferritin expression in non-small-cell lung cancer. <i>Medical Oncology</i> , 2010, 27, 268-277.	2.5	92
60	Granulocytes as effective anticancer agent in experimental solid tumor models. <i>Immunobiology</i> , 2010, 215, 1015-1020.	1.9	26
61	Growth suppression of human breast carcinoma stem cells by lipid peroxidation product 4-hydroxy-2-nonenal and hydroxyl radical-modified collagen.. <i>Acta Biochimica Polonica</i> , 2010, 57, .	0.5	14
62	Lipid peroxidation product 4-hydroxynonenal as factor of oxidative homeostasis supporting bone regeneration with bioactive glasses.. <i>Acta Biochimica Polonica</i> , 2010, 57, .	0.5	18
63	Induction of CMV-1 promoter by 4-hydroxy-2-nonenal in human embryonic kidney cells.. <i>Acta Biochimica Polonica</i> , 2010, 57, .	0.5	25
64	Interval hypoxic training in complex treatment of <i>Helicobacter pylori</i> -associated peptic ulcer disease.. <i>Acta Biochimica Polonica</i> , 2010, 57, .	0.5	11
65	Induction of CMV-1 promoter by 4-hydroxy-2-nonenal in human embryonic kidney cells. <i>Acta Biochimica Polonica</i> , 2010, 57, 179-83.	0.5	11
66	Lipid peroxidation product 4-hydroxynonenal as factor of oxidative homeostasis supporting bone regeneration with bioactive glasses. <i>Acta Biochimica Polonica</i> , 2010, 57, 173-8.	0.5	7
67	Possible involvement of granulocyte oxidative burst in Nrf2 signaling in cancer. <i>Indian Journal of Medical Research</i> , 2010, 131, 609-16.	1.0	3
68	Growth suppression of human breast carcinoma stem cells by lipid peroxidation product 4-hydroxy-2-nonenal and hydroxyl radical-modified collagen. <i>Acta Biochimica Polonica</i> , 2010, 57, 165-71.	0.5	13
69	Reversal of multidrug resistance in murine lymphoma cells by amphiphilic dihydropyridine antioxidant derivative. <i>Anticancer Research</i> , 2010, 30, 4063-9.	1.1	12
70	Specific thermographic changes during Walker 256 carcinoma development: Differential infrared imaging of tumour, inflammation and haematoma. <i>Cancer Detection and Prevention</i> , 2009, 32, 431-436.	2.1	21
71	Acute immunomodulatory effects of iron polyisomaltoate in rats. <i>Immunobiology</i> , 2009, 214, 121-128.	1.9	16
72	Oxidative stress and ferritin expression in the skin of patients with rosacea. <i>Journal of the American Academy of Dermatology</i> , 2009, 60, 270-276.	1.2	68

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73	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
74	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
75	The involvement of granulocytes in spontaneous regression of Walker 256 carcinoma. <i>Cancer Letters</i> , 2008, 260, 180-186.	7.2	35
76	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
77	Oxidative burst of neutrophils against melanoma B16-F10. <i>Cancer Letters</i> , 2007, 246, 100-108.	7.2	48
78	<i>Saccharomyces cerevisiae</i> strain expressing a plant fatty acid desaturase produces polyunsaturated fatty acids and is susceptible to oxidative stress induced by lipid peroxidation. <i>Free Radical Biology and Medicine</i> , 2006, 40, 897-906.	2.9	39
79	Oxidative burst and anticancer activities of rat neutrophils. <i>BioFactors</i> , 2005, 24, 305-312.	5.4	34
80	<i>Cistanche tubulosa</i> induces reactive oxygen species-mediated apoptosis of primary and metastatic human colon cancer cells. <i>Journal of Applied Pharmaceutical Science</i> , 0, , .	1.0	3