

Saeed Mehrzadi

List of Publications by Year in descending order

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Version: 2024-02-01

109
papers

4,198
citations

109321
35
h-index

128289
60
g-index

111
all docs

111
docs citations

111
times ranked

7345
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanotechnology in hyperthermia cancer therapy: From fundamental principles to advanced applications. <i>Journal of Controlled Release</i> , 2016, 235, 205-221.	9.9	429
2	Population and fertility by age and sex for 195 countries and territories, 1950â€“2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , 2018, 392, 1995-2051.	13.7	294
3	Apoptosis signaling pathways in osteoarthritis and possible protective role of melatonin. <i>Journal of Pineal Research</i> , 2016, 61, 411-425.	7.4	254
4	Diabetic retinopathy pathogenesis and the ameliorating effects of melatonin; involvement of autophagy, inflammation and oxidative stress. <i>Life Sciences</i> , 2018, 193, 20-33.	4.3	210
5	Melatonin: A pleiotropic molecule that modulates <scp>DNA</scp> damage response and repair pathways. <i>Journal of Pineal Research</i> , 2017, 63, e12416.	7.4	132
6	A Systematic Review of In vitro and In vivo Activities of Anti-Toxoplasma Drugs and Compounds (2006â€“2016). <i>Frontiers in Microbiology</i> , 2017, 8, 25.	3.5	125
7	Drug Resistance in <i>Toxoplasma gondii</i> . <i>Frontiers in Microbiology</i> , 2018, 9, 2587.	3.5	123
8	Hepatoprotective effect of berberine against methotrexate induced liver toxicity in rats. <i>Biomedicine and Pharmacotherapy</i> , 2018, 97, 233-239.	5.6	104
9	Melatonin in regulation of inflammatory pathways in rheumatoid arthritis and osteoarthritis: involvement of circadian clock genes. <i>British Journal of Pharmacology</i> , 2018, 175, 3230-3238.	5.4	99
10	Melatonin potentials against viral infections including COVID-19: Current evidence and new findings. <i>Virus Research</i> , 2020, 287, 198108.	2.2	85
11	Effects of <i>Juglans regia</i> L. leaf extract on hyperglycemia and lipid profiles in type two diabetic patients: A randomized double-blind, placebo-controlled clinical trial. <i>Journal of Ethnopharmacology</i> , 2014, 152, 451-456.	4.1	73
12	Evaluating the protective effects of melatonin on di(2-ethylhexyl) phthalate-induced testicular injury in adult mice. <i>Biomedicine and Pharmacotherapy</i> , 2018, 108, 515-523.	5.6	72
13	Oxidative/nitrosative stress, autophagy and apoptosis as therapeutic targets of melatonin in idiopathic pulmonary fibrosis. <i>Expert Opinion on Therapeutic Targets</i> , 2018, 22, 1049-1061.	3.4	69
14	Neuro-protective effects of cerium and yttrium oxide nanoparticles on high glucose-induced oxidative stress and apoptosis in undifferentiated PC12 cells. <i>Neurological Research</i> , 2015, 37, 624-632.	1.3	61
15	Melatonin: new insights on its therapeutic properties in diabetic complications. <i>Diabetology and Metabolic Syndrome</i> , 2020, 12, 30.	2.7	59
16	Idiopathic pulmonary fibrosis (IPF) signaling pathways and protective roles of melatonin. <i>Life Sciences</i> , 2018, 201, 17-29.	4.3	58
17	Neuroprotective effects of Ellagic acid against acrylamide-induced neurotoxicity in rats. <i>Neurological Research</i> , 2019, 41, 419-428.	1.3	57
18	Pretreatment with melatonin protects against cyclophosphamide-induced oxidative stress and renal damage in mice. <i>Fundamental and Clinical Pharmacology</i> , 2017, 31, 625-635.	1.9	55

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19	Ellagic acid mitigates sodium arsenite-induced renal and hepatic toxicity in male Wistar rats. <i>Pharmacological Reports</i> , 2018, 70, 712-719.	3.3	53
20	Efficacy and safety of honey based formulation of <i>Nigella sativa</i> seed oil in functional dyspepsia: A double blind randomized controlled clinical trial. <i>Journal of Ethnopharmacology</i> , 2015, 175, 147-152.	4.1	52
21	Phosphodiesterase inhibitors say NO to Alzheimer's disease. <i>Food and Chemical Toxicology</i> , 2019, 134, 110822.	3.6	52
22	Neuroprotective effect of cerium oxide nanoparticles in a rat model of experimental diabetic neuropathy. <i>Brain Research Bulletin</i> , 2017, 131, 117-122.	3.0	48
23	Protective Effect of <i>Ocimum basilicum</i> Essential Oil Against Acetic Acid-Induced Colitis in Rats. <i>Journal of Evidence-Based Complementary & Alternative Medicine</i> , 2016, 21, NP36-NP42.	1.5	46
24	Mitochondrial dysfunction in age-related macular degeneration: melatonin as a potential treatment. <i>Expert Opinion on Therapeutic Targets</i> , 2020, 24, 359-378.	3.4	46
25	Protective effect of <i>Berberis vulgaris</i> fruit extract against Paraquat-induced pulmonary fibrosis in rats. <i>Biomedicine and Pharmacotherapy</i> , 2016, 81, 329-336.	5.6	44
26	The possible neuroprotective effect of ellagic acid on sodium arsenate-induced neurotoxicity in rats. <i>Life Sciences</i> , 2018, 198, 38-45.	4.3	44
27	Protective Effect of Ellagic Acid Against Sodium Arsenite-Induced Cardio- and Hematotoxicity in Rats. <i>Cardiovascular Toxicology</i> , 2018, 18, 337-345.	2.7	43
28	Ameliorative effects of gallic acid on gentamicin-induced nephrotoxicity in rats. <i>Journal of Asian Natural Products Research</i> , 2018, 20, 1182-1193.	1.4	43
29	Protective effect of ginger volatile oil against acetic acid-induced colitis in rats: a light microscopic evaluation. <i>Journal of Integrative Medicine</i> , 2014, 12, 115-120.	3.1	42
30	Ellagic acid: A promising protective remedy against testicular toxicity induced by arsenic. <i>Biomedicine and Pharmacotherapy</i> , 2018, 103, 1464-1472.	5.6	42
31	An updated review of mechanistic potentials of melatonin against cancer: pivotal roles in angiogenesis, apoptosis, autophagy, endoplasmic reticulum stress and oxidative stress. <i>Cancer Cell International</i> , 2021, 21, 188.	4.1	41
32	Silymarin, Olibanum, and Nettle, A Mixed Herbal Formulation in the Treatment of Type II Diabetes: A Randomized, Double-Blind, Placebo-Controlled, Clinical Trial. <i>Journal of Evidence-Based Complementary & Alternative Medicine</i> , 2017, 22, 603-608.	1.5	39
33	Melatonin synergistically enhances protective effect of atorvastatin against gentamicin-induced nephrotoxicity in rat kidney. <i>Canadian Journal of Physiology and Pharmacology</i> , 2016, 94, 265-271.	1.4	38
34	Protective mechanisms of melatonin against hydrogen-peroxide-induced toxicity in human bone-marrow-derived mesenchymal stem cells. <i>Canadian Journal of Physiology and Pharmacology</i> , 2017, 95, 773-786.	1.4	37
35	Ellagic Acid Prevents Oxidative Stress, Inflammation, and Histopathological Alterations in Acrylamide-Induced Hepatotoxicity in Wistar Rats. <i>Journal of Dietary Supplements</i> , 2020, 17, 651-662.	2.6	37
36	Protective effects of gallic acid against methotrexate-induced toxicity in rats. <i>Acta Chirurgica Belgica</i> , 2018, 118, 152-160.	0.4	36

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37	Activities of anti-Toxoplasma drugs and compounds against tissue cysts in the last three decades (1987) Tj ETQq1 1.0.784314rgBT /Qv	1.6	35
38	Toxoplasma gondii surface antigen 1 (SAG1) as a potential candidate to develop vaccine against toxoplasmosis: A systematic review. Comparative Immunology, Microbiology and Infectious Diseases, 2020, 69, 101414.	1.6	33
39	SARS-CoV-2 and other coronaviruses negatively influence mitochondrial quality control: beneficial effects of melatonin. , 2021, 224, 107825.		33
40	Ameliorative effect of gallic acid on sodium arsenite-induced spleno-, cardio- and hemato-toxicity in rats. Life Sciences, 2019, 217, 91-100.	4.3	32
41	Gallic acid ameliorates sodium arsenite-induced renal and hepatic toxicity in rats. Drug and Chemical Toxicology, 2021, 44, 341-352.	2.3	32
42	Comparison of the Protective Effects of Melatonin and Silymarin Against Gentamicin-Induced Nephrotoxicity in Rats. Journal of Evidence-Based Complementary & Alternative Medicine, 2016, 21, NP49-NP55.	1.5	31
43	Protective effect of melatonin in the diabetic rat retina. Fundamental and Clinical Pharmacology, 2018, 32, 414-421.	1.9	31
44	Lycopene abrogates di-(2-ethylhexyl) phthalate induced testicular injury by modulating oxidative, endocrine and inflammatory changes in mice. Life Sciences, 2018, 207, 265-271.	4.3	31
45	The efficacy of herbal medicines against <i>Toxoplasma gondii</i> during the last 3 decades: a systematic review. Canadian Journal of Physiology and Pharmacology, 2016, 94, 1237-1248.	1.4	30
46	Crocins: a protective natural antioxidant against pulmonary fibrosis induced by bleomycin. Pharmacological Reports, 2020, 72, 992-1001.	3.3	28
47	The role of nanotechnology in current COVID-19 outbreak. Heliyon, 2021, 7, e06841.	3.2	28
48	The potential use of melatonin to treat protozoan parasitic infections: A review. Biomedicine and Pharmacotherapy, 2018, 97, 948-957.	5.6	27
49	Effect of gemfibrozil on cardiotoxicity induced by doxorubicin in male experimental rats. Biomedicine and Pharmacotherapy, 2019, 109, 530-535.	5.6	27
50	Melatonin and morphine: potential beneficial effects of co-use. Fundamental and Clinical Pharmacology, 2021, 35, 25-39.	1.9	27
51	The neuroprotective effect of tropisetron on vincristine-induced neurotoxicity. NeuroToxicology, 2014, 41, 1-8.	3.0	26
52	Effects of Aloe vera and Eucalyptus methanolic extracts on experimental toxoplasmosis in vitro and in vivo. Experimental Parasitology, 2018, 192, 6-11.	1.2	25
53	Melatonin and gastrointestinal cancers: Current evidence based on underlying signaling pathways. European Journal of Pharmacology, 2020, 886, 173471.	3.5	24
54	Zingerone Mitigates Carrageenan-Induced Inflammation Through Antioxidant and Anti-inflammatory Activities. Inflammation, 2021, 44, 186-193.	3.8	24

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55	Therapeutic application of nutraceuticals in diabetic nephropathy: Current evidence and future implications. <i>Diabetes/Metabolism Research and Reviews</i> , 2020, 36, e3336.	4.0	23
56	Melatonin As a Modulator of Degenerative and Regenerative Signaling Pathways in Injured Retinal Ganglion Cells. <i>Current Pharmaceutical Design</i> , 2019, 25, 3057-3073.	1.9	23
57	Melatonin in the treatment of fibromyalgia symptoms: A systematic review. <i>Complementary Therapies in Clinical Practice</i> , 2020, 38, 101072.	1.7	22
58	Molecular Aspects of Melatonin Treatment in Tinnitus: A Review. <i>Current Drug Targets</i> , 2019, 20, 1112-1128.	2.1	21
59	Cardioprotective effect of levosimendan against homocysteine-induced mitochondrial stress and apoptotic cell death in H9C2. <i>Biochemical and Biophysical Research Communications</i> , 2018, 507, 395-399.	2.1	20
60	Melatonin and urological cancers: a new therapeutic approach. <i>Cancer Cell International</i> , 2020, 20, 444.	4.1	20
61	In vitro anti-leishmanial activity of methanolic extracts of <i>Calendula officinalis</i> flowers, <i>Datura stramonium</i> seeds, and <i>Salvia officinalis</i> leaves. <i>Chinese Journal of Natural Medicines</i> , 2014, 12, 423-427.	1.3	19
62	Anticonvulsant Activity of Hydroalcoholic Extract of <i>Citrullus colocynthis</i> Fruit. <i>Journal of Evidence-Based Complementary & Alternative Medicine</i> , 2016, 21, NP31-NP35.	1.5	19
63	Ellagic acid as a potential antioxidant, alleviates methotrexate-induced hepatotoxicity in male rats. <i>Acta Chirurgica Belgica</i> , 2019, 119, 69-77.	0.4	19
64	Clinical Application of Melatonin in the Treatment of Cardiovascular Diseases: Current Evidence and New Insights into the Cardioprotective and Cardiotherapeutic Properties. <i>Cardiovascular Drugs and Therapy</i> , 2022, 36, 131-155.	2.6	19
65	The Effects of <i>Boswellia serrata</i> Gum Resin on the Blood Glucose and Lipid Profile of Diabetic Patients: A Double-Blind Randomized Placebo-Controlled Clinical Trial. <i>Journal of Evidence-based Integrative Medicine</i> , 2018, 23, 2515690X1877272.	2.6	18
66	Pretreatment with berberine protects against cisplatin-induced renal injury in male Wistar rats. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2020, 393, 1825-1833.	3.0	18
67	Melatonin attenuates homocysteine-induced injury in human umbilical vein endothelial cells. <i>Fundamental and Clinical Pharmacology</i> , 2018, 32, 261-269.	1.9	16
68	Effects of an Herbal Combination on Glycemic Control and Lipid Profile in Diabetic Women: A Randomized, Double-Blind, Placebo-Controlled Clinical Trial. <i>Journal of Evidence-Based Complementary & Alternative Medicine</i> , 2017, 22, 798-804.	1.5	15
69	Anticonvulsant activity of the ethanolic extract of <i>Punica granatum</i> L. seed. <i>Neurological Research</i> , 2015, 37, 470-475.	1.3	14
70	Attenuation of Bleomycin-Induced Pulmonary Fibrosis in Wistar Rats by Combination Treatment of Two Natural Phenolic Compounds: Quercetin and Gallic Acid. <i>Nutrition and Cancer</i> , 2021, 73, 2039-2049.	2.0	14
71	Anticonvulsant activity of <i>Dorema ammoniacum</i> gum: evidence for the involvement of benzodiazepines and opioid receptors. <i>Research in Pharmaceutical Sciences</i> , 2017, 12, 53.	1.8	14
72	Anticonvulsant Effects of Aerial Parts of <i>Verbena officinalis</i> Extract in Mice: Involvement of Benzodiazepine and Opioid Receptors. <i>Journal of Evidence-Based Complementary & Alternative Medicine</i> , 2017, 22, 632-636.	1.5	13

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73	Anticonvulsant effect of melatonin through ATP-sensitive channels in mice. <i>Fundamental and Clinical Pharmacology</i> , 2020, 34, 148-155.	1.9	13
74	Melatonin and regulation of miRNAs: novel targeted therapy for cancerous and noncancerous disease. <i>Epigenomics</i> , 2021, 13, 65-81.	2.1	13
75	Anticonvulsant effects of <i>Lippia citriodora</i> (Verbenaceae) leaves ethanolic extract in mice: Role of gabaergic system. <i>International Journal of Preventive Medicine</i> , 2016, 7, 97.	0.4	13
76	Gemfibrozil attenuates doxorubicin induced toxicity in renal tissues of male rats by reducing the oxidative insult and inflammation. <i>Biotechnic and Histochemistry</i> , 2020, 95, 532-539.	1.3	12
77	Efficacy and Safety of a Traditional Herbal Combination in Patients with Type II Diabetes Mellitus: A Randomized Controlled Trial. <i>Journal of Dietary Supplements</i> , 2021, 18, 31-43.	2.6	11
78	The Effect of Luteinizing Hormone Reducing Agent on Anxiety and Novel Object Recognition Memory in Gonadectomized Rats. <i>Basic and Clinical Neuroscience</i> , 2017, 8, 113-120.	0.6	11
79	Zingerone ameliorates gentamicin-induced nephrotoxicity in rats. <i>Comparative Clinical Pathology</i> , 2020, 29, 971-980.	0.7	10
80	The ameliorative effect of ellagic acid on di-(2-ethylhexyl) phthalate-induced testicular structural alterations, oxidative stress, inflammation and sperm damages in adult mice. <i>Reproductive Biology and Endocrinology</i> , 2021, 19, 146.	3.3	10
81	Comparison of the effect of vanadium and deferoxamine on acetaminophen toxicity in rats. <i>Indian Journal of Pharmacology</i> , 2011, 43, 429.	0.7	10
82	Mechanisms involved in the possible protective effect of chrysin against sodium arsenite-induced liver toxicity in rats. <i>Life Sciences</i> , 2021, 267, 118965.	4.3	9
83	Melatonin and neuroblastoma: a novel therapeutic approach. <i>Molecular Biology Reports</i> , 2021, 48, 4659-4665.	2.3	9
84	Survey on synergism effect of ketotifen in combination with pyrimethamine in treatment of acute murine toxoplasmosis. <i>Tropical Medicine and Health</i> , 2017, 45, 39.	2.8	8
85	Beneficial Effects of Melatonin and Atorvastatin on Retinopathy in Streptozocin-induced Diabetic Rats. <i>Current Drug Therapy</i> , 2020, 15, 396-403.	0.3	7
86	Neuroprotective effects of gallic acid against neurotoxicity induced by sodium arsenite in rats. <i>Comparative Clinical Pathology</i> , 2020, 29, 621-629.	0.7	6
87	Occupational exposure of health care personnel to SARS-CoV-2 particles in the intensive care unit of Tehran hospital. <i>International Journal of Environmental Science and Technology</i> , 2021, 18, 1-8.	3.5	6
88	Anti-convulsive Effect of Thiamine and Melatonin Combination in Mice: Involvement of Oxidative Stress. <i>Central Nervous System Agents in Medicinal Chemistry</i> , 2021, 21, 125-129.	1.1	6
89	Chrysin attenuates sodium arsenite-induced nephrotoxicity in rats by suppressing oxidative stress and inflammation. <i>Tissue and Cell</i> , 2021, 73, 101657.	2.2	6
90	Ceftriaxone improves senile neurocognition damages induced by D-galactose in mice. <i>Iranian Journal of Basic Medical Sciences</i> , 2020, 23, 368-375.	1.0	6

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91	Anti-Toxoplasma Activities of Zea Mays and Eryngium Caucasicum Extracts, In Vitro and In Vivo. Journal of Pharmacopuncture, 2019, 22, 154-159.	1.1	6
92	Gallic acid ameliorates di-(2-ethylhexyl) phthalate-induced testicular injury in adult mice. Human and Experimental Toxicology, 2022, 41, 096032712210788.	2.2	6
93	Anti-Degenerative Effect of Melatonin on Intervertebral Disc: Protective Contribution against Inflammation, Oxidative Stress, Apoptosis, and Autophagy. Current Drug Targets, 2022, 23, 711-718.	2.1	5
94	Therapeutic Application of Melatonin in the Treatment of Melanoma: A Review. Current Cancer Therapy Reviews, 2021, 17, 283-291.	0.3	3
95	Synergy Effects of Metformin and Berberine on Glyoxal-induced Carbonyl Stress in Isolated Rat Liver Mitochondria. Current Drug Therapy, 2021, 15, 493-502.	0.3	3
96	Therapeutic potentials of melatonin in the treatment of lymphoma: A review of current evidence. Fundamental and Clinical Pharmacology, 2022, 36, 777-789.	1.9	3
97	Lovastatin attenuates glyoxal-induced toxicity on rat liver mitochondria. Human and Experimental Toxicology, 2021, 40, 096032712110279.	2.2	2
98	The Effects of Vitamin D3 and Melatonin Combination on Pentylene-tetrazole- induced Seizures in Mice. Central Nervous System Agents in Medicinal Chemistry, 2022, 22, 118-124.	1.1	2
99	Licofelone, a dual cyclooxygenase/5-lipoxygenase inhibitor, reverses endotoxin-induced impaired atrial chronotropic responsiveness to cholinergic stimulation in rats. European Journal of Pharmacology, 2020, 887, 173569.	3.5	1
100	Anti-Toxoplasma Activities of Zea Mays and Eryngium Caucasicum Extracts, In Vitro and In Vivo. Journal of Pharmacopuncture, 2019, 22, 154-159.	1.1	1
101	Anticonvulsant effects of squill oxymel (a traditional formulation) in mice. Physiology and Pharmacology, 2022, 26, 1-6.	0.2	1
102	The Anticonvulsant Activity of Thiamine, Vitamin D3, and Melatonin Combination on Pentylene-tetrazole-induced Seizures in Mice. Current Drug Therapy, 2022, 17, 281-288.	0.3	1
103	D-Ala, D-Leu Enkephalin Delays Ouabain-Induced Arrhythmia In Isolated Rat Atria. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO1-2-36.	0.0	0
104	Miswak sticks extract exerts anti-inflammatory properties in carrageenan test in rats. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO3-10-15.	0.0	0
105	Potassium channels mediate the antidepressant-like effect of nitrazepam in forced swimming test and tail suspension test in mice. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO1-1-137.	0.0	0
106	Protective effect of Ocimum basilicum essential oil against acetic acid-induced colitis in rats. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO2-6-30.	0.0	0
107	On the benefit of melatonin in protection against ouabain-induced arrhythmia through modulation of oxidative stress factors in isolated rat atria. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO4-9-19.	0.0	0
108	The Efficacy of Boswellia Serrata Gum Resin for Control of Lipid Profile and Blood Glucose in Diabetic Patients. Iranian Journal of Medical Sciences, 2016, 41, S66.	0.4	0

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109	The effect of ellagic acid on renal injury associated with acrylamide in experimental rats. Physiology and Pharmacology, 2021, .	0.2	0