

Azam Hosseinzadeh

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

1,684
citations

304743

22
h-index

302126

39
g-index

49
all docs

49
docs citations

49
times ranked

2191
citing authors

#	ARTICLE	IF	CITATIONS
1	Apoptosis signaling pathways in osteoarthritis and possible protective role of melatonin. <i>Journal of Pineal Research</i> , 2016, 61, 411-425.	7.4	254
2	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
3	Melatonin potentials against viral infections including COVID-19: Current evidence and new findings. <i>Virus Research</i> , 2020, 287, 198108.	2.2	85
4	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
5	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
6	Protective Effect of Ginger (<i>Zingiber officinale&/i> Roscoe) Extract against Oxidative Stress and Mitochondrial Apoptosis Induced by Interleukin-1 β in Cultured Chondrocytes. <i>Cells Tissues Organs</i> , 2017, 204, 241-250.	2.3	63
7	Melatonin: new insights on its therapeutic properties in diabetic complications. <i>Diabetology and Metabolic Syndrome</i> , 2020, 12, 30.	2.7	59
8	Idiopathic pulmonary fibrosis (IPF) signaling pathways and protective roles of melatonin. <i>Life Sciences</i> , 2018, 201, 17-29.	4.3	58
9	Phosphodiesterase inhibitors say NO to Alzheimer's disease. <i>Food and Chemical Toxicology</i> , 2019, 134, 110822.	3.6	52
10	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
11	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
12	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
13	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
14	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
15	Evaluating the Protective Effects and Mechanisms of Diallyl Disulfide on Interleukin-1 β -Induced Oxidative Stress and Mitochondrial Apoptotic Signaling Pathways in Cultured Chondrocytes. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 1879-1888.	2.6	36
16	Protective effects of gallic acid against methotrexate-induced toxicity in rats. <i>Acta Chirurgica Belgica</i> , 2018, 118, 152-160.	0.4	36
17	SARS-CoV-2 and other coronaviruses negatively influence mitochondrial quality control: beneficial effects of melatonin. , 2021, 224, 107825.		33
18	Ameliorative effect of gallic acid on sodium arsenite-induced spleno-, cardio- and hemato-toxicity in rats. <i>Life Sciences</i> , 2019, 217, 91-100.	4.3	32

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19	Gallic acid ameliorates sodium arsenite-induced renal and hepatic toxicity in rats. <i>Drug and Chemical Toxicology</i> , 2021, 44, 341-352.	2.3	32
20	Comparison of the Protective Effects of Melatonin and Silymarin Against Gentamicin-Induced Nephrotoxicity in Rats. <i>Journal of Evidence-Based Complementary & Alternative Medicine</i> , 2016, 21, NP49-NP55.	1.5	31
21	The potential use of melatonin to treat protozoan parasitic infections: A review. <i>Biomedicine and Pharmacotherapy</i> , 2018, 97, 948-957.	5.6	27
22	Melatonin and morphine: potential beneficial effects of co-use. <i>Fundamental and Clinical Pharmacology</i> , 2021, 35, 25-39.	1.9	27
23	Melatonin and gastrointestinal cancers: Current evidence based on underlying signaling pathways. <i>European Journal of Pharmacology</i> , 2020, 886, 173471.	3.5	24
24	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
25	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
26	Melatonin in the treatment of fibromyalgia symptoms: A systematic review. <i>Complementary Therapies in Clinical Practice</i> , 2020, 38, 101072.	1.7	22
27	Molecular Aspects of Melatonin Treatment in Tinnitus: A Review. <i>Current Drug Targets</i> , 2019, 20, 1112-1128.	2.1	21
28	Protective effects of atorvastatin on high glucose-induced oxidative stress and mitochondrial apoptotic signaling pathways in cultured chondrocytes. <i>Journal of Physiology and Biochemistry</i> , 2019, 75, 153-162.	3.0	20
29	Melatonin and urological cancers: a new therapeutic approach. <i>Cancer Cell International</i> , 2020, 20, 444.	4.1	20
30	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
31	Anticonvulsant activity of the ethanolic extract of <i>Punica granatum</i> L. seed. <i>Neurological Research</i> , 2015, 37, 470-475.	1.3	14
32	Melatonin and regulation of miRNAs: novel targeted therapy for cancerous and noncancerous disease. <i>Epigenomics</i> , 2021, 13, 65-81.	2.1	13
33	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
34	Protective effects of atorvastatin against high glucose-induced nuclear factor- κ B activation in cultured C28I2 chondrocytes. <i>Journal of Receptor and Signal Transduction Research</i> , 2019, 39, 1-8.	2.5	10
35	Zingerone ameliorates gentamicin-induced nephrotoxicity in rats. <i>Comparative Clinical Pathology</i> , 2020, 29, 971-980.	0.7	10
36	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

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37	Melatonin and neuroblastoma: a novel therapeutic approach. <i>Molecular Biology Reports</i> , 2021, 48, 4659-4665.	2.3	9
38	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
39	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
40	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
41	Gallic acid ameliorates di-(2-ethylhexyl) phthalate-induced testicular injury in adult mice. <i>Human and Experimental Toxicology</i> , 2022, 41, 096032712210788.	2.2	6
42	Anti-Degenerative Effect of Melatonin on Intervertebral Disc: Protective Contribution against Inflammation, Oxidative Stress, Apoptosis, and Autophagy. <i>Current Drug Targets</i> , 2022, 23, 711-718.	2.1	5
43	Therapeutic Application of Melatonin in the Treatment of Melanoma: A Review. <i>Current Cancer Therapy Reviews</i> , 2021, 17, 283-291.	0.3	3
44	Therapeutic potentials of melatonin in the treatment of lymphoma: A review of current evidence. <i>Fundamental and Clinical Pharmacology</i> , 2022, 36, 777-789.	1.9	3
45	The Effects of Vitamin D3 and Melatonin Combination on Pentylentetrazole- induced Seizures in Mice. <i>Central Nervous System Agents in Medicinal Chemistry</i> , 2022, 22, 118-124.	1.1	2
46	Evaluating the effect of hydro-alcoholic extract of <i>Phoenix dactylifera L. spathe</i> on streptozotocin-induced diabetic rats. <i>Comparative Clinical Pathology</i> , 2021, 30, 163-171.	0.7	1
47	The Anticonvulsant Activity of Thiamine, Vitamin D3, and Melatonin Combination on Pentylentetrazole-induced Seizures in Mice. <i>Current Drug Therapy</i> , 2022, 17, 281-288.	0.3	1