

Fatemeh Forouzanfar

List of Publications by Year in descending order

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Version: 2024-02-01

71
papers

1,111
citations

430874

18
h-index

477307

29
g-index

72
all docs

72
docs citations

72
times ranked

1477
citing authors

#	ARTICLE	IF	CITATIONS
1	Black cumin (<i>Nigella sativa</i>) and its constituent (thymoquinone): a review on antimicrobial effects. Iranian Journal of Basic Medical Sciences, 2014, 17, 929-38.	1.0	125
2	Oxidative stress and mitochondrial dysfunction in organophosphate pesticide-induced neurotoxicity and its amelioration: a review. Environmental Science and Pollution Research, 2020, 27, 24799-24814.	5.3	84
3	Neuroprotective effect of safranal, an active ingredient of <i>Crocus sativus</i> , in a rat model of transient cerebral ischemia. Folia Neuropathologica, 2017, 3, 206-213.	1.2	53
4	Neuroprotective effects of curcumin through autophagy modulation. IUBMB Life, 2020, 72, 652-664.	3.4	52
5	Medicinal herbs in the treatment of neuropathic pain: a review. Iranian Journal of Basic Medical Sciences, 2018, 21, 347-358.	1.0	44
6	Fibroblast Growth Factor Type 1 (FGF1)-Overexpressed Adipose-Derived Mesenchymal Stem Cells (AD-MSCFGF1) Induce Neuroprotection and Functional Recovery in a Rat Stroke Model. Stem Cell Reviews and Reports, 2017, 13, 670-685.	5.6	43
7	Aqueous and Ethanolic Extracts of <i>Boswellia serrata</i> Protect Against Focal Cerebral Ischemia and Reperfusion Injury in Rats. Phytotherapy Research, 2016, 30, 1954-1967.	5.8	39
8	Biosynthesis of silver-doped nickel oxide nanoparticles and evaluation of their photocatalytic and cytotoxicity properties. Applied Physics A: Materials Science and Processing, 2020, 126, 1.	2.3	35
9	Curcumin for the Management of Periodontal Diseases: A Review. Current Pharmaceutical Design, 2020, 26, 4277-4284.	1.9	33
10	Protective Effect of <i>Punica granatum</i> L. against Serum/Glucose Deprivation-Induced PC12 Cells Injury. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-9.	1.2	31
11	<i>Terminalia chebula</i> attenuates quinolinate-induced oxidative PC12 and OLN-93 cell death. Multiple Sclerosis and Related Disorders, 2017, 14, 60-67.	2.0	30
12	Bio-indicators in cadmium toxicity: Role of HSP27 and HSP70. Environmental Science and Pollution Research, 2021, 28, 26359-26379.	5.3	28
13	Berberine protects against glutamate-induced oxidative stress and apoptosis in PC12 and N2a cells. Iranian Journal of Basic Medical Sciences, 2017, 20, 594-603.	1.0	27
14	Prediction and analysis of microRNAs involved in COVID-19 inflammatory processes associated with the NF- κ B and JAK/STAT signaling pathways. International Immunopharmacology, 2021, 100, 108071.	3.8	24
15	Roles of Nrf2 in Gastric Cancer: Targeting for Therapeutic Strategies. Molecules, 2021, 26, 3157.	3.8	23
16	Natural Cinnamaldehyde and Its Derivatives Ameliorate Neuroinflammatory Pathways in Neurodegenerative Diseases. BioMed Research International, 2020, 2020, 1-9.	1.9	22
17	Safranal protects against ischemia-induced PC12 cell injury through inhibiting oxidative stress and apoptosis. Naunyn-Schmiedeberg's Archives of Pharmacology, 2021, 394, 707-716.	3.0	22
18	Modulatory effects of curcumin on heat shock proteins in cancer: A promising therapeutic approach. BioFactors, 2019, 45, 631-640.	5.4	21

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19	Fibroblast Growth Factor 1-Transfected Adipose-Derived Mesenchymal Stem Cells Promote Angiogenic Proliferation. <i>DNA and Cell Biology</i> , 2017, 36, 401-412.	1.9	20
20	Therapeutic Potential of Saffron (<i>Crocus sativus</i> L.) in Ischemia Stroke. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-8.	1.2	18
21	Attenuating Effect of <i>Portulaca oleracea</i> Extract on Chronic Constriction Injury Induced Neuropathic Pain in Rats: An Evidence of Anti-oxidative and Anti-inflammatory Effects. <i>CNS and Neurological Disorders - Drug Targets</i> , 2019, 18, 342-349.	1.4	18
22	Causes and Consequences of MicroRNA Dysregulation Following Cerebral Ischemia-Reperfusion Injury. <i>CNS and Neurological Disorders - Drug Targets</i> , 2019, 18, 212-221.	1.4	17
23	Pain-relieving effects of <i>Lawsonia inermis</i> on neuropathic pain induced by chronic constriction injury. <i>Metabolic Brain Disease</i> , 2021, 36, 1709-1716.	2.9	16
24	In vivo and In vitro effects of ethanolic extract of <i>Trigonella foenum-graecum</i> L. seeds on proliferation, angiogenesis and tube formation of endothelial cells. <i>Research in Pharmaceutical Sciences</i> , 2018, 13, 343.	1.8	15
25	Inhibitory Effects of <i>Apium graveolens</i> on Xanthine Oxidase Activity and Serum Uric Acid Levels in Hyperuricemic Mice. <i>Preventive Nutrition and Food Science</i> , 2018, 23, 127-133.	1.6	13
26	Cedrol protects against chronic constriction injury-induced neuropathic pain through inhibiting oxidative stress and inflammation. <i>Metabolic Brain Disease</i> , 2020, 35, 1119-1126.	2.9	13
27	Overexpression of MiR-183/96/182 Triggers Retina-Like Fate in Human Bone Marrow-Derived Mesenchymal Stem Cells (hBMSCs) in Culture. <i>Journal of Ophthalmology</i> , 2019, 2019, 1-9.	1.3	12
28	A Review on Stem Cell Therapy for Neuropathic Pain. <i>Current Stem Cell Research and Therapy</i> , 2020, 15, 349-361.	1.3	12
29	The beneficial effects of green tea on sleep deprivation-induced cognitive deficits in rats: the involvement of hippocampal antioxidant defense. <i>Heliyon</i> , 2021, 7, e08336.	3.2	12
30	Modulation of heat shock proteins by statins. <i>Pharmacological Research</i> , 2018, 134, 134-144.	7.1	11
31	Hypnotic Effect of <i>A. absinthium</i> Hydroalcoholic Extract in Pentobarbital-Treated Mice. <i>Neurology Research International</i> , 2021, 2021, 1-4.	1.3	10
32	Curcumin: A Review of Its Effects on Epilepsy. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1291, 363-373.	1.6	10
33	Evaluation of Antiarthritic and Antinociceptive Effects of Cedrol in a Rat Model of Arthritis. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-10.	4.0	10
34	Hypnotic Effect of <i>Portulaca oleracea</i> on Pentobarbital-Induced Sleep in Mice. <i>Current Drug Discovery Technologies</i> , 2019, 16, 198-203.	1.2	9
35	A Pivotal Role of the Nrf2 Signaling Pathway in Spinal Cord Injury: A Prospective Therapeutics Study. <i>CNS and Neurological Disorders - Drug Targets</i> , 2020, 19, 207-219.	1.4	9
36	MicroRNAs in Noise-Induced Hearing Loss and their Regulation by Oxidative Stress and Inflammation. <i>Current Drug Targets</i> , 2020, 21, 1216-1224.	2.1	9

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37	Protective Effect of Capparis spinosa Extract against Focal Cerebral Ischemia-reperfusion Injury in Rats. Central Nervous System Agents in Medicinal Chemistry, 2021, 21, 148-153.	1.1	8
38	Neuroprotective effect of herniarin following transient focal cerebral ischemia in rats. Metabolic Brain Disease, 2021, 36, 2505-2510.	2.9	8
39	Combining Growth Factor and Stem Cell Therapy for Stroke Rehabilitation, A Review. Current Drug Targets, 2020, 21, 781-791.	2.1	8
40	Berberine attenuates convulsing behavior and extracellular glutamate and aspartate changes in 4-aminopyridine treated rats. Iranian Journal of Basic Medical Sciences, 2017, 20, 588-593.	1.0	7
41	Protective Effect of <i>Diospyros kaki</i> against Glucose-Oxygen-Serum Deprivation-Induced PC12 Cells Injury. Advances in Pharmacological Sciences, 2016, 2016, 1-5.	3.7	6
42	The next step of neurogenesis in the context of Alzheimer's disease. Molecular Biology Reports, 2021, 48, 5647-5660.	2.3	6
43	Modulatory effect of opioid administration on the activity of cholinesterase enzyme: a systematic review of mice/rat models. Environmental Science and Pollution Research, 2021, 28, 52675-52688.	5.3	6
44	Hypnotic effect of red cabbage (<i>Brassica oleracea</i>) on pentobarbital-induced sleep in mice. Journal of Pharmacy and Bioallied Sciences, 2018, 10, 48.	0.6	6
45	Hydroalcoholic Extract of Cuscuta Epithymum Enhances Pentobarbital-induced Sleep: Possible Involvement of GABAergic System. Current Drug Discovery Technologies, 2020, 17, 332-337.	1.2	6
46	A comparative, single-blind, randomized study on quetiapine and aripiperazole augmentation in treatment of selective serotonin reuptake inhibitor refractory obsessive-compulsive disorder. Canadian Journal of Physiology and Pharmacology, 2020, 98, 236-242.	1.4	5
47	Fibroblast Growth Factors as Tools in the Management of Neuropathic Pain Disorders. Current Drug Targets, 2020, 21, 1034-1043.	2.1	5
48	The Potential Role of Green Tea and its Main Constituent (Epigallocatechin-3-Gallate) in Pain Relief: A Mechanistic Review. Current Drug Discovery Technologies, 2021, 18, 5-11.	1.2	5
49	The role of resveratrol as a natural modulator in glia activation in experimental models of stroke. Avicenna Journal of Phytomedicine, 2020, 10, 557-573.	0.2	5
50	Fluxional nature in cyclohexane and cyclopentane: spherical conformational landscape model revisited. Journal of Chemical Sciences, 2020, 132, 1.	1.5	4
51	The Potential Role of Tea in Periodontal Therapy: An Updated Review. Current Drug Discovery Technologies, 2021, 18, 1-7.	1.2	4
52	Medicinal Plants in the Treatment of Obsessive-Compulsive Disorder: A Review. Current Drug Discovery Technologies, 2021, 18, 8-16.	1.2	4
53	Hypnotic Activity of Capparis spinosa Hydro-alcoholic Extract in Mice. Recent Patents on Food, Nutrition & Agriculture, 2021, 12, 58-62.	0.9	4
54	Retinoic acid and taurine enhance differentiation of the human bone marrow stem cells into cone photoreceptor cells and retinal ganglion cells. Journal of Cellular Biochemistry, 2021, 122, 1915-1924.	2.6	4

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55	Growth Factors as Tools in Photoreceptor Cell Regeneration and Vision Recovery. <i>Current Drug Targets</i> , 2020, 21, 573-581.	2.1	4
56	Hydroalcoholic Extract of <i>Anchusa Italica</i> Protects Global Cerebral Ischemia-Reperfusion Injury Via a Nitrenergic Mechanism. <i>Basic and Clinical Neuroscience</i> , 2020, 11, 323-332.	0.6	4
57	ACE2 as a Potential Target for Management of Novel Coronavirus (nCoV- 2019). <i>Current Drug Discovery Technologies</i> , 2021, 18, 6-9.	1.2	4
58	Fibroblast Growth Factor: Promising Target for Schizophrenia. <i>Current Drug Targets</i> , 2020, 21, 1344-1353.	2.1	4
59	Hydroalcoholic extract of needles of <i>Pinus eldarica</i> enhances pentobarbital-induced sleep: possible involvement of GABAergic system. <i>Avicenna Journal of Phytomedicine</i> , 2016, 6, 449-57.	0.2	4
60	Telomerase: A Target for Therapeutic Effects of Curcumin in Cancer. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1286, 135-143.	1.6	3
61	Interplay between Heat Shock Proteins, Inflammation and Pain: A Promising Therapeutic Approach. <i>Current Molecular Pharmacology</i> , 2021, 15, 170-178.	1.5	3
62	Targeting Autophagic Pathways by Plant Natural Compounds in Cancer Treatment. <i>Current Drug Targets</i> , 2020, 21, 1237-1249.	2.1	3
63	enhances pentobarbital-induced sleeping behaviors. <i>Avicenna Journal of Phytomedicine</i> , 2020, 10, 70-77.	0.2	3
64	Hepatoprotective Effect of Trehalose: Insight into Its Mechanisms of Action. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1328, 489-500.	1.6	3
65	The Role of Type 2 Fibroblast Growth Factor in Periodontal Therapy. <i>Current Drug Targets</i> , 2021, 22, 310-317.	2.1	2
66	Fibroblast Growth Factor 1 Gene-Transfected Adipose-Derived Mesenchymal Stem Cells Modulate Apoptosis And Inflammation In The Chronic Constriction Injury Model of Neuropathic Pain. <i>Iranian Journal of Pharmaceutical Research</i> , 2020, 19, 151-159.	0.5	1
67	The Application of a Recombinant Antimicrobial Peptide of Thrombocidin-1 expressed in <i>Pichia pastoris</i> as a Novel Approach Against Some Oral Pathogenic Bacteria: An In-vitro Study. <i>Protein and Peptide Letters</i> , 2021, 28, .	0.9	1
68	The possible mechanism of <i>Datura stramonium</i> on pentobarbital-induced sleep in mice. <i>International Journal of Neuroscience</i> , 2022, , 1-9.	1.6	1
69	Potentiating effects of Karel. on pentobarbital-induced sleep. <i>Avicenna Journal of Phytomedicine</i> , 2017, 7, 214-222.	0.2	0
70	Cytotoxic effects of <i>Garcinia mangostana</i> pericarp extract in cancer cell lines. <i>Current Drug Discovery Technologies</i> , 2022, 19, .	1.2	0
71	Protective effect of <i>Artemisia absinthium</i> extract against glutamate-induced toxicity in PC12 cells. <i>Letters in Drug Design and Discovery</i> , 2022, 19, .	0.7	0