Fengyuan Piao

List of Publications by Year
in descending order

44 papers	723 citations	623734 14 h-index	610901 24 g-index
48 all docs	48 docs citations	48 times ranked	1067 citing authors

#	Article	IF	Citations
1	Taurine ameliorates axonal damage in sciatic nerve of diabetic rats and high glucose exposed DRG neuron by PI3K/Akt/mTOR-dependent pathway. Amino Acids, 2021, 53, 395-406.	2.7	12
2	2,5-Hexanedione induced apoptosis in rat spinal cord neurons and VSC4.1 cells via the proNGF/p75NTR and JNK pathways. Bioscience Reports, 2021, 41, .	2.4	6
3	Bone marrow mesenchymal stem cells promote remyelination in spinal cord by driving oligodendrocyte progenitor cell differentiation via TNFÎ±/RelB-Hes1 pathway: a rat model study of 2,5-hexanedione-induced neurotoxicity. Stem Cell Research and Therapy, 2021, 12, 436.	5.5	8
4	Taurine inhibits neuron apoptosis in hippocampus of diabetic rats and high glucose exposed HT-22 cells via the NGF-Akt/Bad pathway. Amino Acids, 2020, 52, 87-102.	2.7	17
5	2,5-hexanedione-induced deregulation of axon-related microRNA expression in rat nerve tissues. Toxicology Letters, 2020, 320, 95-102.	0.8	8
6	NGF mediates protection of mesenchymal stem cells-conditioned medium against 2,5-hexanedione-induced apoptosis of VSC4.1 cells via Akt/Bad pathway. Molecular and Cellular Biochemistry, 2020, 469, 53-64.	3.1	5
7	Taurine protects against myelin damage of sciatic nerve in diabetic peripheral neuropathy rats by controlling apoptosis of schwann cells via NGF/Akt/GSK3Î² pathway. Experimental Cell Research, 2019, 383, 111557.	2.6	24
8	Effect of Taurine on Intestinal Microbiota and Immune Cells in Peyerâ€™s Patches of Immunosuppressive Mice. Advances in Experimental Medicine and Biology, 2019, 1155, 13-24.	1.6	25
9	Effect of Taurine on Thymus Differentiation of Dex-Induced Immunosuppressive Mice. Advances in Experimental Medicine and Biology, 2019, 1155, 381-390.	1.6	6
10	2,5-Hexanedione mediates neuronal apoptosis through suppression of NGF via PI3K/Akt signaling in the rat sciatic nerve. Bioscience Reports, 2019, 39, .	2.4	9
11	NGF protects bone marrow mesenchymal stem cells against 2,5-hexanedione-induced apoptosis in vitro via Akt/Bad signal pathway. Molecular and Cellular Biochemistry, 2019, 457, 133-143.	3.1	13
12	Altered Expression Levels of MicroRNA-132 and Nurr1 in Peripheral Blood of Parkinsonâ€™s Disease: Potential Disease Biomarkers. ACS Chemical Neuroscience, 2019, 10, 2243-2249.	3.5	46
13	Taurine Protects Against Arsenic-Induced Apoptosis Via PI3K/Akt Pathway in Primary Cortical Neurons. Advances in Experimental Medicine and Biology, 2019, 1155, 747-754.	1.6	9
14	Anti-apoptotic Effect of Taurine on Schwann Cells Exposed to High Glucose In Vitro. Advances in Experimental Medicine and Biology, 2019, 1155, 787-799.	1.6	2
15	Protective Effect of Taurine on Apoptosis of Spinal Cord Cells in Diabetic Neuropathy Rats. Advances in Experimental Medicine and Biology, 2019, 1155, 875-887.	1.6	3
16	Taurine Ameliorates High Glucose Induced Apoptosis in HT-22 Cells. Advances in Experimental Medicine and Biology, 2019, 1155, 889-903.	1.6	2
17	Taurine Promotes Neuritic Growth of Dorsal Root Ganglion Cells Exposed to High Glucose in Vitro. Advances in Experimental Medicine and Biology, 2019, 1155, 923-934.	1.6	1
18	The microRNAs Expression Profile in Sciatic Nerves of Diabetic Neuropathy Rats After Taurine Treatment by Sequencing. Advances in Experimental Medicine and Biology, 2019, 1155, 935-947.	1.6	2

#	Article	IF	Citations
19	Protection of Taurine Against Neurotoxicity Induced by Arsenic in Primary Cortical Neurons. Advances in Experimental Medicine and Biology, 2019, 1155, 869-874.	1.6	6
20	Inhibition of miR-219 Alleviates Arsenic-Induced Learning and Memory Impairments and Synaptic Damage Through Up-regulating CaMKII in the Hippocampus. Neurochemical Research, 2018, 43, 948-958.	3.3	19
21	Ameliorative effects of taurine against diabetes: a review. Amino Acids, 2018, 50, 487-502.	2.7	40
22	Taurine protects dopaminergic neurons in a mouse Parkinsonâ€™s disease model through inhibition of microglial M1 polarization. Cell Death and Disease, 2018, 9, 435.	6.3	100
23	Bone marrow mesenchymal stem cells conditioned medium protects VSC4.1 cells against 2,5-hexanedione-induced autophagy via NGF-PI3K/Akt/mTOR signaling pathway. Brain Research, 2018, 1696, 1-9.	2.2	9
24	Bone marrow mesenchymal stem cells protect against n-hexane-induced neuropathy through beclin 1-independent inhibition of autophagy. Scientific Reports, 2018, 8, 4516.	3.3	8
25	2,5â€hexanedione induces bone marrow mesenchymal stem cell apoptosis via inhibition of Akt/Bad signal pathway. Journal of Cellular Biochemistry, 2018, 119, 3732-3743.	2.6	9
26	Levels of volatile organic compounds in homes in Dalian, China. Air Quality, Atmosphere and Health, 2017, 10, 171-181.	3.3	14
27	Taurine Ameliorates Arsenic-Induced Apoptosis in the Hippocampus of Mice Through Intrinsic Pathway. Advances in Experimental Medicine and Biology, 2017, 975 Pt 1, 183-192.	1.6	18
28	Protection of Taurine Against Impairment in Learning and Memory in Mice Exposed to Arsenic. Advances in Experimental Medicine and Biology, 2017, 975 Pt 1, 255-269.	1.6	6
29	Taurine Attenuates As2O3-Induced Autophagy in Cerebrum of Mouse Through Nrf2 Pathway. Advances in Experimental Medicine and Biology, 2017, 975 Pt 2, 863-870.	1.6	8
30	Taurine Normalizes the Levels of Se, Cu, Fe in Mouse Liver and Kidney Exposed to Arsenic Subchronically. Advances in Experimental Medicine and Biology, 2017, 975 Pt 2, 843-853.	1.6	4
31	Protection of Taurine Against Arsenic-Induced DNA Damage of Mice Kidneys. Advances in Experimental Medicine and Biology, 2017, 975 Pt 2, 917-927.	1.6	7
32	2,5-hexanedione downregulates nerve growth factor and induces neuron apoptosis in the spinal cord of rats via inhibition of the PI3K/Akt signaling pathway. PLoS ONE, 2017, 12, e0179388.	2.5	14
33	Subchronic Exposure to Arsenic Represses the TH/TRÎ²1-CaMK IV Signaling Pathway in Mouse Cerebellum. International Journal of Molecular Sciences, 2016, 17, 157.	4.1	12
34	Bone marrow mesenchymal stem cells attenuate 2,5-hexanedione-induced neuronal apoptosis through a NGF/AKT-dependent pathway. Scientific Reports, 2016, 6, 34715.	3.3	21
35	Arsenic induces apoptosis by the lysosomalâ€mitochondrial pathway in INSâ€1 cells. Environmental Toxicology, 2016, 31, 133-141.	4.0	27
36	Phosphocreatine protects against LPS-induced human umbilical vein endothelial cell apoptosis by regulating mitochondrial oxidative phosphorylation. Apoptosis: an International Journal on Programmed Cell Death, 2016, 21, 283-297.	4.9	22

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37	2,5-hexanedione induced apoptosis in mesenchymal stem cells from rat bone marrow via mitochondria-dependent caspase-3 pathway. Industrial Health, 2015, 53, 222-235.	1.0	24
38	Expression of Duffy antigen receptor for chemokines (DARC) is down-regulated in colorectal cancer. Journal of Receptor and Signal Transduction Research, 2015, 35, 462-467.	2.5	9
39	A New Method for Analyzing the Duffy Blood Group Genotype by TaqMan Minor Groove Binding Probes. Journal of Clinical Laboratory Analysis, 2015, 29, 203-207.	2.1	5
40	Arsenic downregulates gene expression at the postsynaptic density in mouse cerebellum, including genes responsible for long-term potentiation and depression. Toxicology Letters, 2014, 228, 260-269.	0.8	21
41	Abnormal Expression of 8-Nitroguanine in the Brain of Mice Exposed to Arsenic Subchronically. Industrial Health, 2011, 49, 151-157.	1.0	9
42	Concentrations of toxic heavy metals in ambient particulate matter in an industrial area of northeastern China. Frontiers of Medicine in China, 2008, 2, 207-210.	0.1	5
43	Effects of Zinc Coadministration on Lead Toxicities in Rats. Industrial Health, 2007, 45, 546-551.	1.0	22
44	Oxidative DNA Damage in Relation to Neurotoxicity in the Brain of Mice Exposed to Arsenic at Environmentally Relevant Levels. Journal of Occupational Health, 2005, 47, 445-449.	2.1	79