

Jie Bai

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

7,639
citations

279798

23
h-index

182427

51
g-index

52
all docs

52
docs citations

52
times ranked

16030
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702 Td (edition) 1,430	9.1	1,430
3	Intravenous Administration of Thioredoxin Decreases Brain Damage Following Transient Focal Cerebral Ischemia in Mice. <i>Antioxidants and Redox Signaling</i> , 2004, 6, 81-87.	5.4	119
4	Critical Roles of Thioredoxin in Nerve Growth Factor-Mediated Signal Transduction and Neurite Outgrowth in PC12 Cells. <i>Journal of Neuroscience</i> , 2003, 23, 503-509.	3.6	110
5	Thioredoxin as a Neurotrophic Cofactor and an Important Regulator of Neuroprotection. <i>Molecular Neurobiology</i> , 2004, 29, 229-242.	4.0	102
6	Cytoprotective Effects of Geranylgeranylacetone against Retinal Photooxidative Damage. <i>Journal of Neuroscience</i> , 2005, 25, 2396-2404.	3.6	89
7	The role of thioredoxin-1 in suppression of endoplasmic reticulum stress in Parkinson disease. <i>Free Radical Biology and Medicine</i> , 2014, 67, 10-18.	2.9	87
8	Thioredoxin suppresses 1-methyl-4-phenylpyridinium-induced neurotoxicity in rat PC12 cells. <i>Neuroscience Letters</i> , 2002, 321, 81-84.	2.1	74
9	miR-145-5p Suppresses Tumor Cell Migration, Invasion and Epithelial to Mesenchymal Transition by Regulating the Sp1/NF- κ B Signaling Pathway in Esophageal Squamous Cell Carcinoma. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1833.	4.1	72
10	Protective effect of panaxatriol saponins extracted from <i>Panax notoginseng</i> against MPTP-induced neurotoxicity in vivo. <i>Journal of Ethnopharmacology</i> , 2011, 133, 448-453.	4.1	67
11	<p>Ferroptosis in Carcinoma: Regulatory Mechanisms and New Method for Cancer Therapy</p>. <i>OncoTargets and Therapy</i> , 2019, Volume 12, 11291-11304.	2.0	63
12	miR-125b-5p functions as a tumor suppressor gene partially by regulating HMGA2 in esophageal squamous cell carcinoma. <i>PLoS ONE</i> , 2017, 12, e0185636.	2.5	55
13	Thioredoxin-1 Rescues MPP+/MPTP-Induced Ferroptosis by Increasing Glutathione Peroxidase 4. <i>Molecular Neurobiology</i> , 2021, 58, 3187-3197.	4.0	49
14	Does Thioredoxin-1 Prevent Mitochondria- and Endoplasmic Reticulum-Mediated Neurotoxicity of 1-Methyl-4-Phenyl-1,2,3,6-Tetrahydropyridine?. <i>Antioxidants and Redox Signaling</i> , 2007, 9, 603-608.	5.4	39
15	Trx-1 ameliorates learning and memory deficits in MPTP-induced Parkinson's disease model in mice. <i>Free Radical Biology and Medicine</i> , 2018, 124, 380-387.	2.9	36
16	Induction of endoplasmic reticulum stress and the modulation of thioredoxin-1 in formaldehyde-induced neurotoxicity. <i>NeuroToxicology</i> , 2012, 33, 290-298.	3.0	34
17	Prognostic and Immunological Role of Key Genes of Ferroptosis in Pan-Cancer. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 748925.	3.7	34
18	Geranylgeranylacetone promotes induction and secretion of thioredoxin in gastric mucosal cells and peripheral blood lymphocytes. <i>Free Radical Research</i> , 2001, 35, 23-30.	3.3	32

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19	Brain-derived neurotrophic factor induces thioredoxin-1 expression through TrkB/Akt/CREB pathway in SH-SY5Y cells. <i>Biochimie</i> , 2019, 160, 55-60.	2.6	29
20	Geranylgeranylacetone protects mice against morphine-induced hyperlocomotion, rewarding effect, and withdrawal syndrome. <i>Free Radical Biology and Medicine</i> , 2012, 52, 1218-1227.	2.9	28
21	TRPV4 contributes to ER stress and inflammation: implications for Parkinson's disease. <i>Journal of Neuroinflammation</i> , 2022, 19, 26.	7.2	28
22	Panaxatriol saponins extracted from <i>Panax notoginseng</i> induces thioredoxin-1 and prevents 1-methyl-4-phenylpyridinium ion-induced neurotoxicity. <i>Journal of Ethnopharmacology</i> , 2010, 127, 419-423.	4.1	25
23	Thioredoxin-1 Increases Survival in Sepsis by Inflammatory Response Through Suppressing Endoplasmic Reticulum Stress. <i>Shock</i> , 2016, 46, 67-74.	2.1	24
24	Proteasome-dependent Degradation of Cyclin D1 in 1-Methyl-4-phenylpyridinium Ion (MPP+)-induced Cell Cycle Arrest. <i>Journal of Biological Chemistry</i> , 2004, 279, 38710-38714.	3.4	23
25	Ephedrine induced thioredoxin-1 expression through β -adrenergic receptor/cyclic AMP/protein kinase A/dopamine- and cyclic AMP-regulated phosphoprotein signaling pathway. <i>Cellular Signalling</i> , 2013, 25, 1194-1201.	3.6	22
26	The miR-1224-5p/TNS4/EGFR axis inhibits tumour progression in oesophageal squamous cell carcinoma. <i>Cell Death and Disease</i> , 2020, 11, 597.	6.3	19
27	Panaxatriol saponin ameliorated liver injury by acetaminophen via restoring thioredoxin-1 and pro-caspase-12. <i>Liver International</i> , 2014, 34, 1068-1073.	3.9	18
28	Vitamin D attenuates pressure overload-induced cardiac remodeling and dysfunction in mice. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018, 178, 293-302.	2.5	17
29	Nicotine suppresses the neurotoxicity by MPP + /MPTP through activating β 7nAChR/PI3K/Trx-1 and suppressing ER stress. <i>NeuroToxicology</i> , 2017, 59, 49-55.	3.0	16
30	The Role of Thioredoxin-1 in Suppression Sepsis Through Inhibiting Mitochondrial-Induced Apoptosis in Spleen. <i>Shock</i> , 2017, 47, 753-758.	2.1	16
31	Thioredoxin-1 expression regulated by morphine in SH-SY5Y cells. <i>Neuroscience Letters</i> , 2012, 523, 50-55.	2.1	15
32	Thioredoxin-1 was Required for CREB Activity by Methamphetamine in Rat Pheochromocytoma Cells. <i>Cellular and Molecular Neurobiology</i> , 2013, 33, 319-325.	3.3	15
33	The induction of thioredoxin-1 by epinephrine withdraws stress via interaction with β 2-arrestin-1. <i>Cell Cycle</i> , 2014, 13, 3121-3131.	2.6	15
34	Thioredoxin-1 blocks methamphetamine-induced injury in brain through inhibiting endoplasmic reticulum and mitochondria-mediated apoptosis in mice. <i>NeuroToxicology</i> , 2020, 78, 163-169.	3.0	13
35	The overexpression of Thioredoxin-1 suppressing inflammation induced by methamphetamine in spleen. <i>Drug and Alcohol Dependence</i> , 2016, 159, 66-71.	3.2	12
36	The epinephrine increases tyrosine hydroxylase expression through upregulating thioredoxin-1 in PC12 cells. <i>Biochimie</i> , 2015, 115, 52-58.	2.6	11

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37	Overexpression of microRNA-1470 promotes proliferation and migration, and inhibits senescence of esophageal squamous carcinoma cells. <i>Oncology Letters</i> , 2017, 14, 7753-7758.	1.8	11
38	The role of thioredoxin-1 in resisting methamphetamine-induced rewarding effect. <i>Behavioural Brain Research</i> , 2018, 337, 280-286.	2.2	11
39	Overexpression of Thioredoxin-1 Blocks Morphine-Induced Conditioned Place Preference Through Regulating the Interaction of β -Aminobutyric Acid and Dopamine Systems. <i>Frontiers in Neurology</i> , 2018, 9, 309.	2.4	11
40	TRPV4 contributes to ER stress: Relation to apoptosis in the MPP ⁺ -induced cell model of Parkinson's disease. <i>Life Sciences</i> , 2020, 261, 118461.	4.3	10
41	The Functions of Thioredoxin 1 in Neurodegeneration. <i>Antioxidants and Redox Signaling</i> , 2022, 36, 1023-1036.	5.4	10
42	Thioredoxin-1 Protects Spinal Cord from Demyelination Induced by Methamphetamine through Suppressing Endoplasmic Reticulum Stress and Inflammation. <i>Frontiers in Neurology</i> , 2018, 9, 49.	2.4	8
43	Morphine reverses the effects of 1-methyl-4-phenylpyridinium in PC12 cells through activating PI3K/Akt. <i>International Journal of Neuroscience</i> , 2019, 129, 30-35.	1.6	8
44	Geranylgeranylacetone blocks the reinstatement of morphine-conditioned place preference. <i>Neuropharmacology</i> , 2018, 143, 63-70.	4.1	7
45	Thioredoxin-1 downregulation in the nucleus accumbens promotes methamphetamine-primed reinstatement in mice. <i>Neuropharmacology</i> , 2018, 139, 117-123.	4.1	7
46	Protective Effect of Geranylgeranylacetone against Methamphetamine-Induced Neurotoxicity in Rat Pheochromocytoma Cells. <i>Pharmacology</i> , 2013, 92, 131-137.	2.2	4
47	Thioredoxin-1 regulates calcium homeostasis in MPP ⁺ /MPTP-induced Parkinson's disease models. <i>European Journal of Neuroscience</i> , 2021, 54, 4827-4837.	2.6	4
48	The decreased expression of thioredoxin-1 in brain of mice with experimental autoimmune myasthenia gravis. <i>Neuromuscular Disorders</i> , 2014, 24, 726-735.	0.6	3
49	Thioredoxin-1 Activation by Pterostilbene Protects Against Doxorubicin-Induced Hepatotoxicity via Inhibiting the NLRP3 Inflammasome. <i>Frontiers in Pharmacology</i> , 2022, 13, 841330.	3.5	3
50	Inhibition of Geranylgeranylacetone on cholecystokinin-B receptor, BDNF and dopamine D1 receptor induced by morphine. <i>Biochemical and Biophysical Research Communications</i> , 2022, 588, 23-28.	2.1	2
51	Downregulation of thioredoxin-1 in the ventral tegmental area delays extinction of methamphetamine-induced conditioned place preference. <i>Journal of Psychopharmacology</i> , 2018, 32, 1037-1046.	4.0	1