

Yan-Qiang Liu

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

250
citations

758635

12
h-index

996533

15
g-index

23
all docs

23
docs citations

23
times ranked

361
citing authors

#	ARTICLE	IF	CITATIONS
1	The Zinc Ion Chelating Agent <scp>TPEN</scp> Attenuates Neuronal Death/apoptosis Caused by Hypoxia/ischemia Via Mediating the Pathophysiological Cascade Including Excitotoxicity, Oxidative Stress, and Inflammation. <i>CNS Neuroscience and Therapeutics</i> , 2015, 21, 708-717.	1.9	22
2	Memory performance, brain excitatory amino acid and acetylcholinesterase activity of chronically aluminum exposed mice in response to soy isoflavones treatment. <i>Phytotherapy Research</i> , 2010, 24, 1451-1456.	2.8	19
3	Neuronal death/apoptosis induced by intracellular zinc deficiency associated with changes in amino-acid neurotransmitters and glutamate receptor subtypes. <i>Journal of Inorganic Biochemistry</i> , 2018, 179, 54-59.	1.5	19
4	The Underlying Mechanisms of Curcumin Inhibition of Hyperglycemia and Hyperlipidemia in Rats Fed a High-Fat Diet Combined With STZ Treatment. <i>Molecules</i> , 2020, 25, 271.	1.7	18
5	Memory performance of hypercholesterolemic mice in response to treatment with soy isoflavones. <i>Neuroscience Research</i> , 2007, 57, 544-549.	1.0	17
6	Genistein inhibits hypoxia, ischemic-induced death, and apoptosis in PC12 cells. <i>Environmental Toxicology and Pharmacology</i> , 2017, 50, 227-233.	2.0	17
7	Curcumin anti-diabetic effect mainly correlates with its anti-apoptotic actions and PI3K/Akt signal pathway regulation in the liver. <i>Food and Chemical Toxicology</i> , 2020, 146, 111803.	1.8	17
8	TPEN, a Specific Zn ²⁺ Chelator, Inhibits Sodium Dithionite and Glucose Deprivation (SDGD)-Induced Neuronal Death by Modulating Apoptosis, Glutamate Signaling, and Voltage-Gated K ⁺ and Na ⁺ Channels. <i>Cellular and Molecular Neurobiology</i> , 2017, 37, 235-250.	1.7	14
9	Genistein inhibits A β ²⁵⁻³⁵ -induced SH-SY5Y cell damage by modulating the expression of apoptosis-related proteins and Ca ²⁺ influx through ionotropic glutamate receptors. <i>Phytotherapy Research</i> , 2019, 33, 431-441.	2.8	14
10	Genistein inhibition of OGD-induced brain neuron death correlates with its modulation of apoptosis, voltage-gated potassium and sodium currents and glutamate signal pathway. <i>Chemico-Biological Interactions</i> , 2016, 254, 73-82.	1.7	13
11	Metformin inhibits A β ²⁵⁻³⁵ -induced apoptotic cell death in SH-SY5Y cells. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2019, 125, 439-449.	1.2	13
12	Genistein Inhibits A β ²⁵⁻³⁵ -Induced Neuronal Death with Changes in the Electrophysiological Properties of Voltage-Gated Sodium and Potassium Channels. <i>Cellular and Molecular Neurobiology</i> , 2019, 39, 809-822.	1.7	13
13	Prevention of cell death by the zinc ion chelating agent TPEN in cultured PC12 cells exposed to Oxygen-Glucose Deprivation (OGD). <i>Journal of Trace Elements in Medicine and Biology</i> , 2015, 31, 45-52.	1.5	12
14	Curcumin inhibits alloxan-induced pancreatic islet cell damage via antioxidation and antiapoptosis. <i>Journal of Biochemical and Molecular Toxicology</i> , 2020, 34, e22499.	1.4	10
15	Genistein inhibits amyloid peptide 25-35-induced neuronal death by modulating estrogen receptors, choline acetyltransferase and glutamate receptors. <i>Archives of Biochemistry and Biophysics</i> , 2020, 693, 108561.	1.4	8
16	Detection of four different amino acid neurotransmitters in cultured rat neurons and the culture medium by precolumn derivatization high-performance liquid chromatography. <i>NeuroReport</i> , 2016, 27, 495-500.	0.6	6
17	Zn ²⁺ reduction induces neuronal death with changes in voltage-gated potassium and sodium channel currents. <i>Journal of Trace Elements in Medicine and Biology</i> , 2017, 41, 66-74.	1.5	5
18	DNA methylation mechanism of intracellular zinc deficiency-induced injury in primary hippocampal neurons in the rat brain. <i>Nutritional Neuroscience</i> , 2018, 21, 478-486.	1.5	5

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19	Postnatal Expression Patterns of Estrogen Receptor Subtypes and Choline Acetyltransferase in Different Regions of the Papez Circuit. <i>Developmental Neuroscience</i> , 2019, 41, 203-211.	1.0	3
20	Development and evaluation of <sc>1â€doxynojirimycin sustainedâ€release</sc> delivery system: In vitro and in vivo characterization studies. <i>Journal of Biomedical Materials Research - Part A</i> , 2021, 109, 2294-2305.	2.1	3
21	TPEN attenuates amyloid-Î²25â€35-induced neuronal damage with changes in the electrophysiological properties of voltage-gated sodium and potassium channels. <i>Molecular Brain</i> , 2021, 14, 124.	1.3	2
22	Pertussis toxin modulation of sodium channels in the central neurons of cyhalothrin-resistant and cyhalothrin-susceptible cotton bollworm, <i>Helicoverpa armigera</i> . <i>Insect Science</i> , 2007, 14, 107-115.	1.5	0