

Xin-Lei Guan

List of Publications by Year in descending order

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19
papers

451
citations

623734

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19
times ranked

744
citing authors

#	ARTICLE	IF	CITATIONS
1	N-acetylcysteine facilitates extinction of cued fear memory in rats via reestablishing basolateral amygdala glutathione homeostasis. <i>Acta Pharmacologica Sinica</i> , 2022, 43, 260-272.	6.1	2
2	Risk factors and clinical characteristics of tacrolimus-induced acute nephrotoxicity in children with nephrotic syndrome: a retrospective case-control study. <i>European Journal of Clinical Pharmacology</i> , 2020, 76, 277-284.	1.9	7
3	S-methyl-L-cysteine Protects against Antimycin A-induced Mitochondrial Dysfunction in Neural Cells via Mimicking Endogenous Methionine-centered Redox Cycle. <i>Current Medical Science</i> , 2020, 40, 422-433.	1.8	3
4	Rapid Antidepressant Effect of Hydrogen Sulfide: Evidence for Activation of mTORC1-TrkB-AMPA Receptor Pathways. <i>Antioxidants and Redox Signaling</i> , 2017, 27, 472-488.	5.4	40
5	Activity-Dependent Sulfhydration Signal Controls N-Methyl-D-Aspartate Subtype Glutamate Receptor-Dependent Synaptic Plasticity via Increasing Serine Availability. <i>Antioxidants and Redox Signaling</i> , 2017, 27, 398-414.	5.4	24
6	Dimethyl sulfide protects against oxidative stress and extends lifespan via a methionine sulfoxide reductase A-dependent catalytic mechanism. <i>Aging Cell</i> , 2017, 16, 226-236.	6.7	25
7	Sulfite triggers sustained calcium overload in cultured cortical neurons via a redox-dependent mechanism. <i>Toxicology Letters</i> , 2016, 258, 237-248.	0.8	13
8	HFS triggered AMPK Activation Phosphorylates GSK β and Induces LTP in Rat Hippocampus <i>In Vivo</i> . <i>CNS Neuroscience and Therapeutics</i> , 2016, 22, 525-531.	3.9	16
9	Methionine Sulfoxide Reductase A Negatively Controls Microglia-Mediated Neuroinflammation via Inhibiting ROS/MAPKs/NF- κ B Signaling Pathways Through a Catalytic Antioxidant Function. <i>Antioxidants and Redox Signaling</i> , 2015, 22, 832-847.	5.4	61
10	Propranolol decreases retention of fear memory by modulating the stability of surface glutamate receptor GluA1 subunits in the lateral amygdala. <i>British Journal of Pharmacology</i> , 2015, 172, 5068-5082.	5.4	22
11	Regulation of emotional memory by hydrogen sulfide: role of GluN2B-containing NMDA receptor in the amygdala. <i>Journal of Neurochemistry</i> , 2015, 132, 124-134.	3.9	21
12	Aggravation of Seizure-like Events by Hydrogen Sulfide: Involvement of Multiple Targets that Control Neuronal Excitability. <i>CNS Neuroscience and Therapeutics</i> , 2014, 20, 411-419.	3.9	37
13	Resveratrol preconditioning increases methionine sulfoxide reductases A expression and enhances resistance of human neuroblastoma cells to neurotoxins. <i>Journal of Nutritional Biochemistry</i> , 2013, 24, 1070-1077.	4.2	26
14	A specific and rapid colorimetric method to monitor the activity of methionine sulfoxide reductase A. <i>Enzyme and Microbial Technology</i> , 2013, 53, 391-397.	3.2	17
15	Orexin-A Activates Hypothalamic AMP-Activated Protein Kinase Signaling through a Ca ²⁺ -Dependent Mechanism Involving Voltage-Gated L-Type Calcium Channel. <i>Molecular Pharmacology</i> , 2013, 84, 876-887.	2.3	47
16	Multifunctional Mercapto-tacrine Derivatives for Treatment of Age-Related Neurodegenerative Diseases. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 3588-3592.	6.4	40
17	Protection of L-methionine against H ₂ O ₂ -induced oxidative damage in mitochondria. <i>Food and Chemical Toxicology</i> , 2012, 50, 2729-2735.	3.6	18
18	Novel multipotent phenylthiazole-tacrine hybrids for the inhibition of cholinesterase activity, β -amyloid aggregation and Ca ²⁺ overload. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 6513-6522.	3.0	22

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19	Determination of protein-bound methionine oxidation in the hippocampus of adult and old rats by LC-ESI-ITMS method after microwave-assisted proteolysis. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 399, 2267-2274.	3.7	10