Xin-Lei Guan

List of Publications by Year
in descending order

19	451	623734	794594
papers	citations	14 h-index	19 g-index

19	19	19	744
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Methionine Sulfoxide Reductase A Negatively Controls Microglia-Mediated Neuroinflammation via Inhibiting ROS/MAPKs/NF-Î¹B Signaling Pathways Through a Catalytic Antioxidant Function. Antioxidants and Redox Signaling, 2015, 22, 832-847.	5.4	61
2	Orexin-A Activates Hypothalamic AMP-Activated Protein Kinase Signaling through a Ca²⁺-Dependent Mechanism Involving Voltage-Gated L-Type Calcium Channel. Molecular Pharmacology, 2013, 84, 876-887.	2.3	47
3	Multifunctional Mercapto-tacrine Derivatives for Treatment of Age-Related Neurodegenerative Diseases. Journal of Medicinal Chemistry, 2012, 55, 3588-3592.	6.4	40
4	Rapid Antidepressant Effect of Hydrogen Sulfide: Evidence for Activation of mTORC1-TrkB-AMPA Receptor Pathways. Antioxidants and Redox Signaling, 2017, 27, 472-488.	5.4	40
5	Aggravation of Seizureâ€like Events by Hydrogen Sulfide: Involvement of Multiple Targets that Control Neuronal Excitability. CNS Neuroscience and Therapeutics, 2014, 20, 411-419.	3.9	37
6	Resveratrol preconditioning increases methionine sulfoxide reductases A expression and enhances resistance of human neuroblastoma cells to neurotoxins. Journal of Nutritional Biochemistry, 2013, 24, 1070-1077.	4.2	26
7	Dimethyl sulfide protects against oxidative stress and extends lifespan via a methionine sulfoxide reductase A-dependent catalytic mechanism. Aging Cell, 2017, 16, 226-236.	6.7	25
8	Activity-Dependent Sulfhydration Signal Controls N-Methyl-D-Aspartate Subtype Glutamate Receptor-Dependent Synaptic PlasticityviaIncreasing<scp>d</scp>-Serine Availability. Antioxidants and Redox Signaling, 2017, 27, 398-414.	5.4	24
9	Novel multipotent phenylthiazoleâ€“tacrine hybrids for the inhibition of cholinesterase activity, Î²-amyloid aggregation and Ca2+ overload. Bioorganic and Medicinal Chemistry, 2012, 20, 6513-6522.	3.0	22
10	Propranolol decreases retention of fear memory by modulating the stability of surface glutamate receptor GluA1 subunits in the lateral amygdala. British Journal of Pharmacology, 2015, 172, 5068-5082.	5.4	22
11	Regulation of emotional memory by hydrogen sulfide: role of GluN2Bâ€containing <scp>NMDA</scp> receptor in the amygdala. Journal of Neurochemistry, 2015, 132, 124-134.	3.9	21
12	Protection of l-methionine against H2O2-induced oxidative damage in mitochondria. Food and Chemical Toxicology, 2012, 50, 2729-2735.	3.6	18
13	A specific and rapid colorimetric method to monitor the activity of methionine sulfoxide reductase A. Enzyme and Microbial Technology, 2013, 53, 391-397.	3.2	17
14	<scp>HFS</scp>â€Triggered <scp>AMPK</scp> Activation Phosphorylates <scp>GSK</scp>3Î² and Induces Eâ€<scp>LTP</scp> in Rat Hippocampus In Vivo. CNS Neuroscience and Therapeutics, 2016, 22, 525-531.	3.9	16
15	Sulfite triggers sustained calcium overload in cultured cortical neurons via a redox-dependent mechanism. Toxicology Letters, 2016, 258, 237-248.	0.8	13
16	Determination of protein-bound methionine oxidationin the hippocampus of adult and old rats by LC-ESI-ITMS method after microwave-assisted proteolysis. Analytical and Bioanalytical Chemistry, 2011, 399, 2267-2274.	3.7	10
17	Risk factors and clinical characteristics of tacrolimus-induced acute nephrotoxicity in children with nephrotic syndrome: a retrospective case-control study. European Journal of Clinical Pharmacology, 2020, 76, 277-284.	1.9	7
18	S-methyl-L-cysteine Protects against Antimycin A-induced Mitochondrial Dysfunction in Neural Cells via Mimicking Endogenous Methionine-centered Redox Cycle. Current Medical Science, 2020, 40, 422-433.	1.8	3

#	Article	IF	Citations
19	N-acetylcysteine facilitates extinction of cued fear memory in rats via reestablishing basolateral amygdala glutathione homeostasis. Acta Pharmacologica Sinica, 2022, 43, 260-272.	6.1	2