Jie Luo

List of Publications by Year in descending order

28 papers	1,108 citations	566801 15 h-index	580395 25 g-index
29 all docs	29 docs citations	29 times ranked	1733 citing authors

#	Article	IF	Citations
1	Fyn Kinase Regulates Microglial Neuroinflammatory Responses in Cell Culture and Animal Models of Parkinson's Disease. Journal of Neuroscience, 2015, 35, 10058-10077.	1.7	136
2	Molecular mechanisms underlying protective effects of quercetin against mitochondrial dysfunction and progressive dopaminergic neurodegeneration in cell culture and MitoPark transgenic mouse models of Parkinson's Disease. Journal of Neurochemistry, 2017, 141, 766-782.	2.1	134
3	Mito-Apocynin Prevents Mitochondrial Dysfunction, Microglial Activation, Oxidative Damage, and Progressive Neurodegeneration in MitoPark Transgenic Mice. Antioxidants and Redox Signaling, 2017, 27, 1048-1066.	2.5	107
4	Manganese activates NLRP3 inflammasome signaling and propagates exosomal release of ASC in microglial cells. Science Signaling, 2019, 12, .	1.6	103
5	Prokineticinâ€2 promotes chemotaxis and alternative A2 reactivity of astrocytes. Glia, 2018, 66, 2137-2157.	2.5	92
6	Organophosphate pesticide chlorpyrifos impairs STAT1 signaling to induce dopaminergic neurotoxicity: Implications for mitochondria mediated oxidative stress signaling events. Neurobiology of Disease, 2018, 117, 82-113.	2.1	83
7	Prokineticin-2 upregulation during neuronal injury mediates a compensatory protective response against dopaminergic neuronal degeneration. Nature Communications, 2016, 7, 12932.	5.8	75
8	Kv1.3 modulates neuroinflammation and neurodegeneration in Parkinsonâ€™s disease. Journal of Clinical Investigation, 2020, 130, 4195-4212.	3.9	50
9	BRD4 Prevents R-Loop Formation and Transcription-Replication Conflicts by Ensuring Efficient Transcription Elongation. Cell Reports, 2020, 32, 108166.	2.9	46
10	The Toxic Effects and Mechanisms of Nano-Cu on the Spleen of Rats. International Journal of Molecular Sciences, 2019, 20, 1469.	1.8	41
11	Manganese exposure exacerbates progressive motor deficits and neurodegeneration in the MitoPark mouse model of Parkinsonâ€™s disease: Relevance to gene and environment interactions in metal neurotoxicity. NeuroToxicology, 2018, 64, 240-255.	1.4	38
12	Mechanistic Interplay Between Autophagy and Apoptotic Signaling in Endosulfan-Induced Dopaminergic Neurotoxicity: Relevance to the Adverse Outcome Pathway in Pesticide Neurotoxicity. Toxicological Sciences, 2019, 169, 333-352.	1.4	34
13	Evidence that melatonin promotes soybean seedlings growth from low-temperature stress by mediating plant mineral elements and genes involved in the antioxidant pathway. Functional Plant Biology, 2020, 47, 815.	1.1	26
14	First report and genetic characterization of feline kobuvirus in diarrhoeic cats in China. Transboundary and Emerging Diseases, 2018, 65, 1357-1363.	1.3	21
15	Integrated Lung and Tracheal mRNA-Seq and miRNA-Seq Analysis of Dogs with an Avian-Like H5N1 Canine Influenza Virus Infection. Frontiers in Microbiology, 2018, 9, 303.	1.5	18
16	Autophagy and apoptosis mediated nano-copper-induced testicular damage. Ecotoxicology and Environmental Safety, 2022, 229, 113039.	2.9	18
17	Utilization of the CRISPR-Cas9 Gene Editing System to Dissect Neuroinflammatory and Neuropharmacological Mechanisms in Parkinsonâ€™s Disease. Journal of NeuroImmune Pharmacology, 2019, 14, 595-607.	2.1	16
18	Oral exposure of pregnant rats to copper nanoparticles caused nutritional imbalance and liver dysfunction in fetus. Ecotoxicology and Environmental Safety, 2020, 206, 111206.	2.9	16

#	Article	IF	Citations
19	A previously uncharacterized two-component signaling system in uropathogenic Escherichia coli coordinates protection against host-derived oxidative stress with activation of hemolysin-mediated host cell pyroptosis. PLoS Pathogens, 2021, 17, e1010005.	2.1	12
20	Comparative pathogenesis of H3N2 canine influenza virus in beagle dogs challenged by intranasal and intratracheal inoculation. Virus Research, 2018, 255, 147-153.	1.1	11
21	Fyn kinase mediates pro-inflammatory response in a mouse model of endotoxemia: Relevance to translational research. European Journal of Pharmacology, 2020, 881, 173259.	1.7	11
22	Autophagy was activated against the damages of placentas caused by nano-copper oral exposure. Ecotoxicology and Environmental Safety, 2021, 220, 112364.	2.9	8
23	Transcranial magnetic stimulation promotes the proliferation of dopaminergic neuronal cells in vitro. AIP Advances, 2018, 8, .	0.6	4
24	Characterization of Astrocytic Response after Experiencing Cavitation In Vitro. Global Challenges, 2020, 4, 1900014.	1.8	2
25	Comparison of Pathogenicity of Different Infectious Doses of H3N2 Canine Influenza Virus in Dogs. Frontiers in Veterinary Science, 2020, 7, 580301.	0.9	1
26	Disruption of intracellular signaling. , 2020, , 81-96.		1
27	Next-generation Tumor-homing Induced Neural Stem Cells as an Adjuvant to Radiation for the Treatment of Metastatic Lung Cancer. Stem Cell Reviews and Reports, 2022, , 1.	1.7	1
28	BRD4 Prevents R-Loop Formation and Transcription-Replication Conflicts by Ensuring Efficient Transcription Elongation. SSRN Electronic Journal, 0, , .	0.4	0