Baolin Guo

List of Publications by Year
in descending order

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Version: 2024-02-01

22 papers	1,108 citations	687363 13 h-index	642732 23 g-index
27 all docs	27 docs citations	27 times ranked	2022 citing authors

#	Article	IF	Citations
1	Anterior cingulate cortex dysfunction underlies social deficits in Shank3 mutant mice. Nature Neuroscience, 2019, 22, 1223-1234.	14.8	168
2	Striatopallidal dysfunction underlies repetitive behavior in Shank3-deficient model of autism. Journal of Clinical Investigation, 2017, 127, 1978-1990.	8.2	151
3	Viral manipulation of functionally distinct interneurons in mice, non-human primates and humans. Nature Neuroscience, 2020, 23, 1629-1636.	14.8	133
4	Dysfunction of cortical GABAergic neurons leads to sensory hyper-reactivity in a Shank3 mouse model of ASD. Nature Neuroscience, 2020, 23, 520-532.	14.8	115
5	Distinct subnetworks of the thalamic reticular nucleus. Nature, 2020, 583, 819-824.	27.8	104
6	An Ultra-Sensitive Step-Function Opsin for Minimally Invasive Optogenetic Stimulation in Mice and Macaques. Neuron, 2020, 107, 38-51.e8.	8.1	99
7	From autophagy to mitophagy: the roles of P62 in neurodegenerative diseases. Journal of Bioenergetics and Biomembranes, 2017, 49, 413-422.	2.3	87
8	Chronic Inflammatory Pain Impairs mGluR5-Mediated Depolarization-Induced Suppression of Excitation in the Anterior Cingulate Cortex. Cerebral Cortex, 2018, 28, 2118-2130.	2.9	39
9	FGF2 alleviates PTSD symptoms in rats by restoring GLAST function in astrocytes via the JAK/STAT pathway. European Neuropsychopharmacology, 2015, 25, 1287-1299.	0.7	37
10	Mst1 knockdown alleviates cardiac lipotoxicity and inhibits the development of diabetic cardiomyopathy in db/db mice. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2020, 1866, 165806.	3.8	27
11	Striatal Distribution and Cytoarchitecture of Dopamine Receptor Subtype 1 and 2: Evidence from Double-Labeling Transgenic Mice. Frontiers in Neural Circuits, 2017, 11, 57.	2.8	23
12	Melatonin pretreatment alleviates the longâ€term synaptic toxicity and dysmyelination induced by neonatal Sevoflurane exposure via MT1 receptorâ€mediated Wnt signaling modulation. Journal of Pineal Research, 2021, 71, e12771.	7.4	16
13	Anxiety Specific Response and Contribution of Active Hippocampal Neural Stem Cells to Chronic Pain Through Wnt/Î²-Catenin Signaling in Mice. Frontiers in Molecular Neuroscience, 2018, 11, 296.	2.9	15
14	Inhibition of SIRT1 in hippocampal CA1 ameliorates PTSD-like behaviors in mice by protections of neuronal plasticity and serotonin homeostasis via NHLH2/MAO-A pathway. Biochemical and Biophysical Research Communications, 2019, 518, 344-350.	2.1	15
15	Brain mGluR5 in Shank3Bâ^'/â^' Mice Studied With in vivo [18F]FPEB PET Imaging and ex vivo Immunoblotting. Frontiers in Psychiatry, 2019, 10, 38.	2.6	14
16	Chronic inflammatory pain decreases the glutamate vesicles in presynaptic terminals of the nucleus accumbens. Molecular Pain, 2018, 14, 174480691878125.	2.1	13
17	Single-Cell Analysis for Glycogen Localization and Metabolism in Cultured Astrocytes. Cellular and Molecular Neurobiology, 2020, 40, 801-812.	3.3	13
18	Translational relevance of behavioral, neural, and electroencephalographic profiles in a mouse model of post-traumatic stress disorder. Neurobiology of Stress, 2021, 15, 100391.	4.0	10

#	Article	IF	Citations
19	Daily acute intermittent hypoxia induced dynamic changes in dendritic mitochondrial ultrastructure and cytochrome oxidase activity in the pre-BÃ¶tzinger complex of rats. Experimental Neurology, 2019, 313, 124-134.	4.1	9
20	SHANK3 Co-ordinately Regulates Autophagy and Apoptosis in Myocardial Infarction. Frontiers in Physiology, 2020, 11, 1082.	2.8	7
21	Quercetin relieves Dâ€amphetamineâ€induced manicâ€like behaviour through activating TREKâ€1 potassium channels in mice. British Journal of Pharmacology, 2021, 178, 3682-3695.	5.4	6
22	The characteristics of brain injury following cerebral venous infarction induced by surgical interruption of the cortical bridging vein in mice. Brain Research, 2020, 1739, 146823.	2.2	4