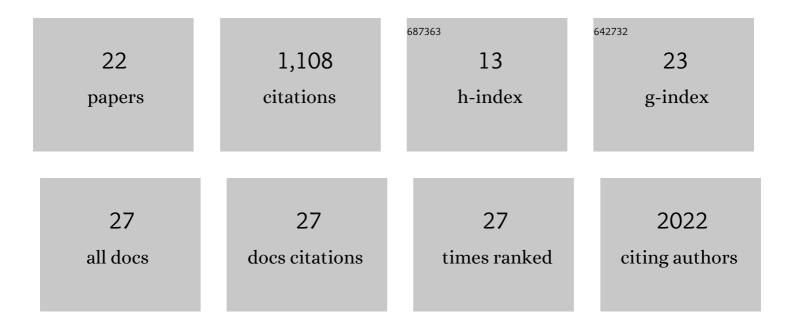
Baolin Guo

List of Publications by Year in descending order

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| # | 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€ŧerm 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/l²-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 |

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| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Daily acute intermittent hypoxia induced dynamic changes in dendritic mitochondrial ultrastructure and cytochrome oxidase activity in the pre-Bötzinger 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 |