

Ning Zhou

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9428008/publications.pdf>

Version: 2024-02-01

15
papers

1,224
citations

840776

11
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

1746
citing authors

#	ARTICLE	IF	CITATIONS
1	Ischemia Opens Neuronal Gap Junction Hemichannels. <i>Science</i> , 2006, 312, 924-927.	12.6	499
2	Metabolic Communication between Astrocytes and Neurons via Bicarbonate-Responsive Soluble Adenylyl Cyclase. <i>Neuron</i> , 2012, 75, 1094-1104.	8.1	225
3	Transient Swelling, Acidification, and Mitochondrial Depolarization Occurs in Neurons but not Astrocytes during Spreading Depression. <i>Cerebral Cortex</i> , 2010, 20, 2614-2624.	2.9	123
4	Regenerative Glutamate Release by Presynaptic NMDA Receptors Contributes to Spreading Depression. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013, 33, 1582-1594.	4.3	85
5	A High Performance, Cost-Effective, Open-Source Microscope for Scanning Two-Photon Microscopy that Is Modular and Readily Adaptable. <i>PLoS ONE</i> , 2014, 9, e110475.	2.5	77
6	p38 Mitogen-Activated Protein Kinase Contributes to Adenosine A1 Receptor-Mediated Synaptic Depression in Area CA1 of the Rat Hippocampus. <i>Journal of Neuroscience</i> , 2006, 26, 12427-12438.	3.6	44
7	Protective Effects of the Polyphenol Sesamin on Allergen-Induced TH2 Responses and Airway Inflammation in Mice. <i>PLoS ONE</i> , 2014, 9, e96091.	2.5	37
8	Luteolin Attenuates Airway Mucus Overproduction via Inhibition of the GABAergic System. <i>Scientific Reports</i> , 2016, 6, 32756.	3.3	28
9	TRPA1: The Central Molecule for Chemical Sensing in Pain Pathway?: Figure 1.. <i>Journal of Neuroscience</i> , 2008, 28, 1019-1021.	3.6	27
10	Spreading Depression Promotes Astrocytic Calcium Oscillations and Enhances Gliotransmission to Hippocampal Neurons. <i>Cerebral Cortex</i> , 2018, 28, 3204-3216.	2.9	18
11	The GLRA1 Missense Mutation W170S Associates Lack of Zn ²⁺ Potentiation with Human Hyperekplexia. <i>Journal of Neuroscience</i> , 2013, 33, 17675-17681.	3.6	16
12	NMDA receptors sustain but do not initiate neuronal depolarization in spreading depolarization. <i>Neurobiology of Disease</i> , 2020, 145, 105071.	4.4	14
13	Luteolin inhibits GABAA receptors in HEK cells and brain slices. <i>Scientific Reports</i> , 2016, 6, 27695.	3.3	11
14	Effects of anti-epileptic drugs on spreading depolarization-induced epileptiform activity in mouse hippocampal slices. <i>Scientific Reports</i> , 2017, 7, 11884.	3.3	11
15	A Missense Mutation A384P Associated with Human Hyperekplexia Reveals a Desensitization Site of Glycine Receptors. <i>Journal of Neuroscience</i> , 2018, 38, 2818-2831.	3.6	9