

Xiao-Ping Tong

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

2,037
citations

687363

13
h-index

794594

19
g-index

20
all docs

20
docs citations

20
times ranked

2792
citing authors

#	ARTICLE	IF	CITATIONS
1	Astrocyte Kir4.1 ion channel deficits contribute to neuronal dysfunction in Huntington's disease model mice. <i>Nature Neuroscience</i> , 2014, 17, 694-703.	14.8	486
2	TRPA1 channels regulate astrocyte resting calcium and inhibitory synapse efficacy through GAT-3. <i>Nature Neuroscience</i> , 2012, 15, 70-80.	14.8	391
3	Imaging calcium microdomains within entire astrocyte territories and endfeet with GCaMPs expressed using adeno-associated viruses. <i>Journal of General Physiology</i> , 2013, 141, 633-647.	1.9	312
4	Conditions and Constraints for Astrocyte Calcium Signaling in the Hippocampal Mossy Fiber Pathway. <i>Neuron</i> , 2014, 82, 413-429.	8.1	206
5	PDGFR β Cells Rapidly Relay Inflammatory Signal from the Circulatory System to Neurons via Chemokine CCL2. <i>Neuron</i> , 2018, 100, 183-200.e8.	8.1	134
6	Ca ²⁺ signaling evoked by activation of Na ⁺ channels and Na ⁺ /Ca ²⁺ exchangers is required for GABA-induced NG2 cell migration. <i>Journal of Cell Biology</i> , 2009, 186, 113-128.	5.2	117
7	Oligodendrocyte lineage cells and depression. <i>Molecular Psychiatry</i> , 2021, 26, 103-117.	7.9	105
8	Genetically Encoded Calcium Indicators and Astrocyte Calcium Microdomains. <i>Neuroscientist</i> , 2013, 19, 274-291.	3.5	56
9	NG2 glia-derived GABA release tunes inhibitory synapses and contributes to stress-induced anxiety. <i>Nature Communications</i> , 2021, 12, 5740.	12.8	43
10	Roles of NG2-glia in ischemic stroke. <i>CNS Neuroscience and Therapeutics</i> , 2017, 23, 547-553.	3.9	40
11	Decreased surface expression of the $\alpha 1$ subunit of the GABA A receptor contributes to reduced tonic inhibition in dentate granule cells in a mouse model of fragile X syndrome. <i>Experimental Neurology</i> , 2017, 297, 168-178.	4.1	39
12	Potassium channel dysfunction in neurons and astrocytes in Huntington's disease. <i>CNS Neuroscience and Therapeutics</i> , 2018, 24, 311-318.	3.9	28
13	Kir4.1 channels in NG2-glia play a role in development, potassium signaling, and ischemia-related myelin loss. <i>Communications Biology</i> , 2018, 1, 80.	4.4	21
14	Huntington's disease: From basic science to therapeutics. <i>CNS Neuroscience and Therapeutics</i> , 2018, 24, 247-249.	3.9	17
15	Expression of nerve growth factor carried by pseudotyped lentivirus improves neuron survival and cognitive functional recovery of post-ischemia in rats. <i>CNS Neuroscience and Therapeutics</i> , 2018, 24, 508-518.	3.9	15
16	Ectopic Expression of $\alpha 6$ and $\alpha 1$ GABA _A Receptor Subunits in Hilar Somatostatin Neurons Increases Tonic Inhibition and Alters Network Activity in the Dentate Gyrus. <i>Journal of Neuroscience</i> , 2015, 35, 16142-16158.	3.6	13
17	Integrin-dependent microgliosis mediates ketamine-induced neuronal apoptosis during postnatal rat retinal development. <i>Experimental Neurology</i> , 2021, 340, 113659.	4.1	6
18	Homogeneity or heterogeneity, the paradox of neurovascular pericytes in the brain. <i>Glia</i> , 2021, 69, 2474-2487.	4.9	5

#	ARTICLE	IF	CITATIONS
19	Dexmedetomidine Alleviates Microglia-Induced Spinal Inflammation and Hyperalgesia in Neonatal Rats by Systemic Lipopolysaccharide Exposure. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 725267.	3.7	3
20	Ca ²⁺ signaling evoked by activation of Na ⁺ channels and Na ⁺ /Ca ²⁺ exchangers is required for GABA-induced NG2 cell migration. <i>Journal of General Physiology</i> , 2009, 134, i2-i2.	1.9	0