

Zheng Wu

List of Publications by Year in descending order

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17
papers

1,808
citations

687363

13
h-index

888059

17
g-index

21
all docs

21
docs citations

21
times ranked

2688
citing authors

#	ARTICLE	IF	CITATIONS
1	InÂVivo Direct Reprogramming of Reactive Glial Cells into Functional Neurons after Brain Injury and in an Alzheimerâ€™s Disease Model. <i>Cell Stem Cell</i> , 2014, 14, 188-202.	11.1	687
2	Tonic inhibition in dentate gyrus impairs long-term potentiation and memory in an Alzheimerâ€™s disease model. <i>Nature Communications</i> , 2014, 5, 4159.	12.8	215
3	KCC2 rescues functional deficits in human neurons derived from patients with Rett syndrome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 751-756.	7.1	206
4	A NeuroD1 AAV-Based Gene Therapy for Functional Brain Repair after Ischemic Injury through InÂVivo Astrocyte-to-Neuron Conversion. <i>Molecular Therapy</i> , 2020, 28, 217-234.	8.2	163
5	Protective Effect of Resveratrol against Kainate-induced Temporal Lobe Epilepsy in Rats. <i>Neurochemical Research</i> , 2009, 34, 1393-1400.	3.3	132
6	Gene therapy conversion of striatal astrocytes into GABAergic neurons in mouse models of Huntingtonâ€™s disease. <i>Nature Communications</i> , 2020, 11, 1105.	12.8	123
7	KCC2 downregulation facilitates epileptic seizures. <i>Scientific Reports</i> , 2017, 7, 156.	3.3	80
8	β -Aminobutyric Acid Type A (GABAA) Receptor α Subunits Play a Direct Role in Synaptic Versus Extrasynaptic Targeting. <i>Journal of Biological Chemistry</i> , 2012, 287, 27417-27430.	3.4	54
9	Region-specific distribution of Olig2-expressing astrocytes in adult mouse brain and spinal cord. <i>Molecular Brain</i> , 2021, 14, 36.	2.6	27
10	Homeostatic Competition between Phasic and Tonic Inhibition. <i>Journal of Biological Chemistry</i> , 2013, 288, 25053-25065.	3.4	24
11	Gad67 haploinsufficiency reduces amyloid pathology and rescues olfactory memory deficits in a mouse model of Alzheimerâ€™s disease. <i>Molecular Neurodegeneration</i> , 2017, 12, 73.	10.8	24
12	GABAergic deficits and schizophrenia-like behaviors in a mouse model carrying patient-derived neuroligin-2 R215H mutation. <i>Molecular Brain</i> , 2018, 11, 31.	2.6	21
13	Regulation of epileptiform activity by two distinct subtypes of extrasynaptic GABAA receptors. <i>Molecular Brain</i> , 2013, 6, 21.	2.6	17
14	Activation of extrasynaptic GABAA receptors inhibits cyclothiazide-induced epileptiform activity in hippocampal CA1 neurons. <i>Neuroscience Bulletin</i> , 2014, 30, 866-876.	2.9	11
15	Gluconate suppresses seizure activity in developing brains by inhibiting CLC-3 chloride channels. <i>Molecular Brain</i> , 2019, 12, 50.	2.6	5
16	Effects of 3-aminoglutarate, a â€œsilentâ€ false transmitter for glutamate neurons, on synaptic transmission and epileptiform activity. <i>Neuropharmacology</i> , 2015, 97, 95-103.	4.1	4
17	In Vivo Cell Conversion as a New Cell Therapy. <i>Current Human Cell Research and Applications</i> , 2019, , 169-190.	0.1	0