

Hongyu Sun

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8421681/publications.pdf>

Version: 2024-02-01

15
papers

384
citations

933447

10
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

629
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanistic target of rapamycin complex 1 and 2 in human temporal lobe epilepsy. <i>Annals of Neurology</i> , 2018, 83, 311-327.	5.3	59
2	Models of hypoxia and ischemia-induced seizures. <i>Journal of Neuroscience Methods</i> , 2016, 260, 252-260.	2.5	56
3	Early-life seizures alter synaptic calcium-permeable AMPA receptor function and plasticity. <i>Molecular and Cellular Neurosciences</i> , 2016, 76, 11-20.	2.2	49
4	Leucine-rich repeat kinase-2 (LRRK2) modulates microglial phenotype and dopaminergic neurodegeneration. <i>Neurobiology of Aging</i> , 2020, 91, 45-55.	3.1	33
5	Early Seizures Prematurely Unsilence Auditory Synapses to Disrupt Thalamocortical Critical Period Plasticity. <i>Cell Reports</i> , 2018, 23, 2533-2540.	6.4	32
6	GABAB receptor-mediated presynaptic inhibition of glutamatergic transmission in the inferior colliculus. <i>Neuroscience Letters</i> , 2006, 399, 151-156.	2.1	30
7	Neonatal seizures alter NMDA glutamate receptor GluN2A and 3A subunit expression and function in hippocampal CA1 neurons. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 362.	3.7	24
8	Physiological characteristics of postinhibitory rebound depolarization in neurons of the rat's dorsal cortex of the inferior colliculus studied in vitro. <i>Brain Research</i> , 2008, 1226, 70-81.	2.2	23
9	Dysregulation of Respiratory Center Drive (P0.1) and Muscle Strength in Patients With Early Stage Idiopathic Parkinson's Disease. <i>Frontiers in Neurology</i> , 2019, 10, 724.	2.4	22
10	The impact of dextran sodium sulphate and probiotic pre-treatment in a murine model of Parkinson's disease. <i>Journal of Neuroinflammation</i> , 2021, 18, 20.	7.2	21
11	Alleviating toxic α -Synuclein accumulation by membrane depolarization: evidence from an in vitro model of Parkinson's disease. <i>Molecular Brain</i> , 2020, 13, 108.	2.6	11
12	Microglia depletion prior to lipopolysaccharide and paraquat treatment differentially modulates behavioral and neuronal outcomes in wild type and G2019S LRRK2 knock-in mice. <i>Brain, Behavior, & Immunity - Health</i> , 2020, 5, 100079.	2.5	9
13	Neuroimmune multi-hit perspective of coronaviral infection. <i>Journal of Neuroinflammation</i> , 2021, 18, 231.	7.2	9
14	Early life stress facilitates synapse premature unsilencing to enhance AMPA receptor function in the developing hippocampus. <i>Journal of Neurophysiology</i> , 2020, 124, 815-821.	1.8	3
15	Developmentally Regulated Rebound Depolarization Enhances Spike Timing Precision in Auditory Midbrain Neurons. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 236.	3.7	3