

Yi Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,173
citations

430874

18
h-index

477307

29
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30
all docs

30
docs citations

30
times ranked

1817
citing authors

#	ARTICLE	IF	CITATIONS
1	Sex-specific effects of social isolation stress and ketamine on hippocampal plasticity. <i>Neuroscience Letters</i> , 2022, 766, 136301.	2.1	12
2	14-3-3 Dysfunction in Dorsal Hippocampus CA1 (dCA1) Induces Psychomotor Behavior via a dCA1-Lateral Septum-Ventral Tegmental Area Pathway. <i>Frontiers in Molecular Neuroscience</i> , 2022, 15, 817227.	2.9	2
3	The 14-3-3 Protein Family and Schizophrenia. <i>Frontiers in Molecular Neuroscience</i> , 2022, 15, 857495.	2.9	4
4	Data and experimental setup for a comprehensive study of ketamine's effect on neuronal plasticity following social isolation rearing in male and female rats. <i>Data in Brief</i> , 2022, , 108338.	1.0	0
5	Cerebellar Differentiation from Human Stem Cells Through Retinoid, Wnt, and Sonic Hedgehog Pathways. <i>Tissue Engineering - Part A</i> , 2021, 27, 881-893.	3.1	15
6	Inhibition of 14-3-3 Proteins Alters Neural Oscillations in Mice. <i>Frontiers in Neural Circuits</i> , 2021, 15, 647856.	2.8	2
7	14-3-3 proteins promote synaptic localization of N-methyl d-aspartate receptors (NMDARs) in mouse hippocampal and cortical neurons. <i>PLoS ONE</i> , 2021, 16, e0261791.	2.5	2
8	Alix and Syntenin-1 direct amyloid precursor protein trafficking into extracellular vesicles. <i>BMC Molecular and Cell Biology</i> , 2020, 21, 58.	2.0	20
9	Forebrain excitatory neuron-specific SENP2 knockout mouse displays hyperactivity, impaired learning and memory, and anxiolytic-like behavior. <i>Molecular Brain</i> , 2020, 13, 59.	2.6	8
10	NMDAR Hypofunction Animal Models of Schizophrenia. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 185.	2.9	95
11	Functionalization of Brain Region-specific Spheroids with Isogenic Microglia-like Cells. <i>Scientific Reports</i> , 2019, 9, 11055.	3.3	119
12	Region-specific inhibition of 14-3-3 proteins induces psychomotor behaviors in mice. <i>NPJ Schizophrenia</i> , 2019, 5, 1.	3.6	27
13	Assembly of Human Stem Cell-Derived Cortical Spheroids and Vascular Spheroids to Model 3-D Brain-like Tissues. <i>Scientific Reports</i> , 2019, 9, 5977.	3.3	104
14	Modeling Neurodegenerative Microenvironment Using Cortical Organoids Derived from Human Stem Cells. <i>Tissue Engineering - Part A</i> , 2018, 24, 1125-1137.	3.1	55
15	Wnt/Yes-Associated Protein Interactions During Neural Tissue Patterning of Human Induced Pluripotent Stem Cells. <i>Tissue Engineering - Part A</i> , 2018, 24, 546-558.	3.1	25
16	Cellular and molecular responses to acute cocaine treatment in neuronal-like N2a cells: potential mechanism for its resistance in cell death. <i>Cell Death Discovery</i> , 2018, 4, 13.	4.7	11
17	14-3-3 Proteins in Glutamatergic Synapses. <i>Neural Plasticity</i> , 2018, 2018, 1-6.	2.2	32
18	Neuroprotective Activities of Heparin, Heparinase III, and Hyaluronic Acid on the A β 242-Treated Forebrain Spheroids Derived from Human Stem Cells. <i>ACS Biomaterials Science and Engineering</i> , 2018, 4, 2922-2933.	5.2	25

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19	Neural patterning of human induced pluripotent stem cells in 3-D cultures for studying biomolecule-directed differential cellular responses. <i>Acta Biomaterialia</i> , 2016, 42, 114-126.	8.3	43
20	Sequential posttranslational modifications regulate PKC degradation. <i>Molecular Biology of the Cell</i> , 2016, 27, 410-420.	2.1	30
21	14-3-3 β Promotes Surface Expression of Cav2.2 (α 1B) Ca ²⁺ Channels. <i>Journal of Biological Chemistry</i> , 2015, 290, 2689-2698.	3.4	8
22	Inhibition of 14-3-3 Proteins Leads to Schizophrenia-Related Behavioral Phenotypes and Synaptic Defects in Mice. <i>Biological Psychiatry</i> , 2015, 78, 386-395.	1.3	52
23	14-3-3 Proteins Are Required for Hippocampal Long-Term Potentiation and Associative Learning and Memory. <i>Journal of Neuroscience</i> , 2014, 34, 4801-4808.	3.6	76
24	14-3-3 and aggresome formation: Implications in neurodegenerative diseases. <i>Prion</i> , 2014, 8, 173-177.	1.8	40
25	14-3-3 targets chaperone-associated misfolded proteins to aggresomes. <i>Journal of Cell Science</i> , 2013, 126, 4173-86.	2.0	87
26	Modulation of GluK2a Subunit-containing Kainate Receptors by 14-3-3 Proteins. <i>Journal of Biological Chemistry</i> , 2013, 288, 24676-24690.	3.4	11
27	β -Plectoxin-Pt1a: An Excitatory Spider Toxin with Actions on both Ca ²⁺ and Na ⁺ Channels. <i>PLoS ONE</i> , 2013, 8, e64324.	2.5	10
28	14-3-3 proteins in neurological disorders. <i>International Journal of Biochemistry and Molecular Biology</i> , 2012, 3, 152-64.	0.1	88
29	Modulation of Inactivation Properties of CaV2.2 Channels by 14-3-3 Proteins. <i>Neuron</i> , 2006, 51, 755-771.	8.1	47
30	A Dynamically Regulated 14-3-3, Slob, and Slowpoke Potassium Channel Complex in <i>Drosophila</i> Presynaptic Nerve Terminals. <i>Neuron</i> , 1999, 22, 809-818.	8.1	123