

Juan Song

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

4,028
citations

270111

25
h-index

340414

39
g-index

47
all docs

47
docs citations

47
times ranked

6669
citing authors

#	ARTICLE	IF	CITATIONS
1	Epigenetic regulation in the neurogenic niche of the adult dentate gyrus. <i>Neuroscience Letters</i> , 2022, 766, 136343.	1.0	2
2	Hypothalamic modulation of adult hippocampal neurogenesis in mice confers activity-dependent regulation of memory and anxiety-like behavior. <i>Nature Neuroscience</i> , 2022, 25, 630-645.	7.1	58
3	Recording membrane potential in adult neural stem cells as readout for stem cell activation following neural circuit stimulation in mouse hippocampal slices. <i>STAR Protocols</i> , 2021, 2, 100335.	0.5	1
4	Extracting meaningful circuit-based calcium dynamics in astrocytes and neurons from adult mouse brain slices using single-photon GCaMP imaging. <i>STAR Protocols</i> , 2021, 2, 100306.	0.5	6
5	The neurogenic niche in Alzheimer's disease. <i>Neuroscience Letters</i> , 2021, 762, 136109.	1.0	7
6	The Accumulation of Tau-Immunoreactive Hippocampal Granules and Corpora Amylacea Implicates Reactive Glia in Tau Pathogenesis during Aging. <i>IScience</i> , 2020, 23, 101255.	1.9	17
7	Neuropeptides Modulate Local Astrocytes to Regulate Adult Hippocampal Neural Stem Cells. <i>Neuron</i> , 2020, 108, 349-366.e6.	3.8	42
8	Supramammillary nucleus synchronizes with dentate gyrus to regulate spatial memory retrieval through glutamate release. <i>ELife</i> , 2020, 9, .	2.8	30
9	Interplay between a Mental Disorder Risk Gene and Developmental Polarity Switch of GABA Action Leads to Excitation-Inhibition Imbalance. <i>Cell Reports</i> , 2019, 28, 1419-1428.e3.	2.9	23
10	Assaying Circuit Specific Regulation of Adult Hippocampal Neural Precursor Cells. <i>Journal of Visualized Experiments</i> , 2019, , .	0.2	1
11	An Adeno-Associated Virus-Based Toolkit for Preferential Targeting and Manipulating Quiescent Neural Stem Cells in the Adult Hippocampus. <i>Stem Cell Reports</i> , 2018, 10, 1146-1159.	2.3	12
12	Phf8 histone demethylase deficiency causes cognitive impairments through the mTOR pathway. <i>Nature Communications</i> , 2018, 9, 114.	5.8	47
13	Neural mechanisms underlying GABAergic regulation of adult hippocampal neurogenesis. <i>Cell and Tissue Research</i> , 2018, 371, 33-46.	1.5	67
14	Treating Brain Disorders by Targeting Adult Neural Stem Cells. <i>Trends in Molecular Medicine</i> , 2018, 24, 991-1006.	3.5	37
15	Mossy Cells Control Adult Neural Stem Cell Quiescence and Maintenance through a Dynamic Balance between Direct and Indirect Pathways. <i>Neuron</i> , 2018, 99, 493-510.e4.	3.8	82
16	Long-Range GABAergic Inputs Regulate Neural Stem Cell Quiescence and Control Adult Hippocampal Neurogenesis. <i>Cell Stem Cell</i> , 2017, 21, 604-617.e5.	5.2	119
17	Lhx6-positive GABA-releasing neurons of the zona incerta promote sleep. <i>Nature</i> , 2017, 548, 582-587.	13.7	164
18	Glymphatic fluid transport controls paravascular clearance of AAV vectors from the brain. <i>JCI Insight</i> , 2016, 1, e88034.	2.3	52

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19	Neuronal Circuitry Mechanisms Regulating Adult Mammalian Neurogenesis. Cold Spring Harbor Perspectives in Biology, 2016, 8, a018937.	2.3	95
20	<i>Trim9</i> Deletion Alters the Morphogenesis of Developing and Adult-Born Hippocampal Neurons and Impairs Spatial Learning and Memory. Journal of Neuroscience, 2016, 36, 4940-4958.	1.7	51
21	A New DREADD Facilitates the Multiplexed Chemogenetic Interrogation of Behavior. Neuron, 2015, 86, 936-946.	3.8	320
22	Single-Cell RNA-Seq with Waterfall Reveals Molecular Cascades underlying Adult Neurogenesis. Cell Stem Cell, 2015, 17, 360-372.	5.2	680
23	A diametric mode of neuronal circuitry-neurogenesis coupling in the adult hippocampus via parvalbumin interneurons. Neurogenesis (Austin, Tex), 2014, 1, e29949.	1.5	3
24	Activity-dependent signaling mechanisms regulating adult hippocampal neural stem cells and their progeny. Neuroscience Bulletin, 2014, 30, 542-556.	1.5	25
25	Semaphorin 5A inhibits synaptogenesis in early postnatal- and adult-born hippocampal dentate granule cells. ELife, 2014, 3, .	2.8	100
26	Parvalbumin interneurons mediate neuronal circuitry-neurogenesis coupling in the adult hippocampus. Nature Neuroscience, 2013, 16, 1728-1730.	7.1	191
27	mTOR Inhibition Ameliorates Cognitive and Affective Deficits Caused by Disc1 Knockdown in Adult-Born Dentate Granule Neurons. Neuron, 2013, 77, 647-654.	3.8	94
28	Secreted Frizzled-Related Protein 3 Regulates Activity-Dependent Adult Hippocampal Neurogenesis. Cell Stem Cell, 2013, 12, 215-223.	5.2	173
29	Life or death: developing cortical interneurons make their own decision. EMBO Journal, 2012, 31, 4373-4374.	3.5	5
30	Interplay between DISC1 and GABA Signaling Regulates Neurogenesis in Mice and Risk for Schizophrenia. Cell, 2012, 148, 1051-1064.	13.5	196
31	Neuronal circuitry mechanism regulating adult quiescent neural stem-cell fate decision. Nature, 2012, 489, 150-154.	13.7	463
32	A unifying hypothesis on mammalian neural stem cell properties in the adult hippocampus. Current Opinion in Neurobiology, 2012, 22, 754-761.	2.0	157
33	Tanycytes of the hypothalamic median eminence form a diet-responsive neurogenic niche. Nature Neuroscience, 2012, 15, 700-702.	7.1	413
34	Modification of hippocampal circuitry by adult neurogenesis. Developmental Neurobiology, 2012, 72, 1032-1043.	1.5	113
35	The Genetics and Molecular Biology of Seizure Susceptibility in Drosophila. Neuromethods, 2009, , 27-43.	0.2	1
36	From bench to drug: Human seizure modeling using Drosophila. Progress in Neurobiology, 2008, 84, 182-191.	2.8	82

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37	Seizure Suppression by top1 Mutations in Drosophila. Journal of Neuroscience, 2007, 27, 2927-2937.	1.7	27
38	Role for <i>para</i> sodium channel gene 3' UTR in the modification of Drosophila seizure susceptibility. Developmental Neurobiology, 2007, 67, 1944-1956.	1.5	12
39	Seizure Suppression by shakB2, a Gap Junction Mutation in Drosophila. Journal of Neurophysiology, 2006, 95, 627-635.	0.9	32
40	Functional Multi-Omics Reveals Noncanonical Function of G9a in Translational Regulation of Chronic Inflammation. SSRN Electronic Journal, 0, , .	0.4	0
41	Serotonin-1A Receptors Mediate Sex-Dependent Regulation of Neural Stem Cell Expansion and Stress Vulnerability in Adult Hippocampus. SSRN Electronic Journal, 0, , .	0.4	0