

Jun Yao

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

3,595
citations

623734

14
h-index

642732

23
g-index

26
all docs

26
docs citations

26
times ranked

7042
citing authors

#	ARTICLE	IF	CITATIONS
1	Exosome and Exosomal MicroRNA: Trafficking, Sorting, and Function. <i>Genomics, Proteomics and Bioinformatics</i> , 2015, 13, 17-24.	6.9	1,466
2	Directly Reprogrammed Human Neurons Retain Aging-Associated Transcriptomic Signatures and Reveal Age-Related Nucleocytoplasmic Defects. <i>Cell Stem Cell</i> , 2015, 17, 705-718.	11.1	545
3	Differential responses to lithium in hyperexcitable neurons from patients with bipolar disorder. <i>Nature</i> , 2015, 527, 95-99.	27.8	461
4	Modeling Hippocampal Neurogenesis Using Human Pluripotent Stem Cells. <i>Stem Cell Reports</i> , 2014, 2, 295-310.	4.8	231
5	Doc2 Is a Ca ²⁺ Sensor Required for Asynchronous Neurotransmitter Release. <i>Cell</i> , 2011, 147, 666-677.	28.9	186
6	Mapping cis-regulatory chromatin contacts in neural cells links neuropsychiatric disorder risk variants to target genes. <i>Nature Genetics</i> , 2019, 51, 1252-1262.	21.4	139
7	CRISPR interference-based specific and efficient gene inactivation in the brain. <i>Nature Neuroscience</i> , 2018, 21, 447-454.	14.8	133
8	Uncoupling the roles of synaptotagmin I during endo- and exocytosis of synaptic vesicles. <i>Nature Neuroscience</i> , 2012, 15, 243-249.	14.8	115
9	The Pharmacogenomics of Bipolar Disorder study (PGBD): identification of genes for lithium response in a prospective sample. <i>BMC Psychiatry</i> , 2016, 16, 129.	2.6	61
10	Neural stem cells: mechanisms and modeling. <i>Protein and Cell</i> , 2012, 3, 251-261.	11.0	44
11	Production of polyhydroxyalkanoates by <i>Pseudomonas nitroreducens</i> . <i>Antonie Van Leeuwenhoek</i> , 1999, 75, 345-349.	1.7	29
12	Distinct roles of NMDA receptors at different stages of granule cell development in the adult brain. <i>ELife</i> , 2015, 4, e07871.	6.0	26
13	Mechanistic insights into the SNARE complex disassembly. <i>Science Advances</i> , 2019, 5, eaau8164.	10.3	25
14	Synaptotagmin-1 interacts with PI(4,5)P ₂ to initiate synaptic vesicle docking in hippocampal neurons. <i>Cell Reports</i> , 2021, 34, 108842.	6.4	23
15	All three components of the neuronal SNARE complex contribute to secretory vesicle docking. <i>Journal of Cell Biology</i> , 2012, 198, 323-330.	5.2	20
16	miR-218-2 regulates cognitive functions in the hippocampus through complement component 3-dependent modulation of synaptic vesicle release. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	17
17	Application of induced pluripotent stem cells to understand neurobiological basis of bipolar disorder and schizophrenia. <i>Psychiatry and Clinical Neurosciences</i> , 2017, 71, 579-599.	1.8	15
18	Synaptotagmin-7 is a key factor for bipolar-like behavioral abnormalities in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 4392-4399.	7.1	15

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19	A Critical Role of Inhibition in Temporal Processing Maturation in the Primary Auditory Cortex. <i>Cerebral Cortex</i> , 2018, 28, 1610-1624.	2.9	14
20	Synaptotagmin-7 deficiency induces mania-like behavioral abnormalities through attenuating GluN2B activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 31438-31447.	7.1	13
21	Synaptotagmin-7-mediated activation of spontaneous NMDAR currents is disrupted in bipolar disorder susceptibility variants. <i>PLoS Biology</i> , 2021, 19, e3001323.	5.6	3