Jun Yao

List of Publications by Year
in descending order

21 papers	3,595 citations	623188 14 h-index	642321 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. Genomics, Proteomics and Bioinformatics, 2015, 13, 17-24.	3.0	1,466
2	Directly Reprogrammed Human Neurons Retain Aging-Associated Transcriptomic Signatures and Reveal Age-Related Nucleocytoplasmic Defects. Cell Stem Cell, 2015, 17, 705-718.	5.2	545
3	Differential responses to lithium in hyperexcitable neurons from patients with bipolar disorder. Nature, 2015, 527, 95-99.	13.7	461
4	Modeling Hippocampal Neurogenesis Using Human Pluripotent Stem Cells. Stem Cell Reports, 2014, 2, 295-310.	2.3	231
5	Doc2 Is a Ca2+ Sensor Required for Asynchronous Neurotransmitter Release. Cell, 2011, 147, 666-677.	13.5	186
6	Mapping cis-regulatory chromatin contacts in neural cells links neuropsychiatric disorder risk variants to target genes. Nature Genetics, 2019, 51, 1252-1262.	9.4	139
7	CRISPR interference-based specific and efficient gene inactivation in the brain. Nature Neuroscience, 2018, 21, 447-454.	7.1	133
8	Uncoupling the roles of synaptotagmin I during endo- and exocytosis of synaptic vesicles. Nature Neuroscience, 2012, 15, 243-249.	7.1	115
9	The Pharmacogenomics of Bipolar Disorder study (PGBD): identification of genes for lithium response in a prospective sample. BMC Psychiatry, 2016, 16, 129.	1.1	61
10	Neural stem cells: mechanisms and modeling. Protein and Cell, 2012, 3, 251-261.	4.8	44
11	Production of polyhydroxyalkanoates by Pseudomonas nitroreducens. Antonie Van Leeuwenhoek, 1999, 75, 345-349.	0.7	29
12	Distinct roles of NMDA receptors at different stages of granule cell development in the adult brain. ELife, 2015, 4, e07871.	2.8	26
13	Mechanistic insights into the SNARE complex disassembly. Science Advances, 2019, 5, eaau8164.	4.7	25
14	Synaptotagmin-1 interacts with PI(4,5)P2 to initiate synaptic vesicle docking in hippocampal neurons. Cell Reports, 2021, 34, 108842.	2.9	23
15	All three components of the neuronal SNARE complex contribute to secretory vesicle docking. Journal of Cell Biology, 2012, 198, 323-330.	2.3	20
16	miR - 218 - 2 regulates cognitive functions in the hippocampus through complement component 3â€“dependent modulation of synaptic vesicle release. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	17
17	Application of induced pluripotent stem cells to understand neurobiological basis of bipolar disorder and schizophrenia. Psychiatry and Clinical Neurosciences, 2017, 71, 579-599.	1.0	15
18	Synaptotagmin-7 is a key factor for bipolar-like behavioral abnormalities in mice. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 4392-4399.	3.3	15

#	Article	IF	Citations
19	A Critical Role of Inhibition in Temporal Processing Maturation in the Primary Auditory Cortex. Cerebral Cortex, 2018, 28, 1610-1624.	1.6	14
20	Synaptotagmin-7 deficiency induces mania-like behavioral abnormalities through attenuating GluN2B activity. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 31438-31447.	3.3	13
21	Synaptotagmin-7â€“mediated activation of spontaneous NMDAR currents is disrupted in bipolar disorder susceptibility variants. PLoS Biology, 2021, 19, e3001323.	2.6	3