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List of Publications by Year
in descending order

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49 papers	1,958 citations	331538 21 h-index	265120 42 g-index
49 all docs	49 docs citations	49 times ranked	3595 citing authors

#	Article	IF	Citations
1	Protein interactome and cellâ€type expression analyses reveal that cytoplasmic <scp>FMR1</scp>â€interacting protein 1 (<scp>CYFIP1</scp>), but not <scp>CYFIP2</scp>, associates with astrocytic focal adhesion. Journal of Neurochemistry, 2022, 162, 190-206.	2.1	3
2	Repeated ketamine anesthesia during neurodevelopment upregulates hippocampal activity and enhances drug reward in male mice. Communications Biology, 2022, 5, .	2.0	1
3	Increased ribosomal protein levels and protein synthesis in the striatal synaptosome of Shank3-overexpressing transgenic mice. Molecular Brain, 2021, 14, 39.	1.3	10
4	An autism-linked missense mutation in SHANK3 reveals the modularity of Shank3 function. Molecular Psychiatry, 2020, 25, 2534-2555.	4.1	61
5	A kinome-wide RNAi screen identifies ERK2 as a druggable regulator of Shank3 stability. Molecular Psychiatry, 2020, 25, 2504-2516.	4.1	23
6	Enhanced Prefrontal Neuronal Activity and Social Dominance Behavior in Postnatal Forebrain Excitatory Neuron-Specific Cyfip2 Knock-Out Mice. Frontiers in Molecular Neuroscience, 2020, 13, 574947.	1.4	9
7	Altered presynaptic function and number of mitochondria in the medial prefrontal cortex of adult Cyfip2 heterozygous mice. Molecular Brain, 2020, 13, 123.	1.3	6
8	Epilepsy- and intellectual disability-associated CYFIP2 interacts with both actin regulators and RNA-binding proteins in the neonatal mouse forebrain. Biochemical and Biophysical Research Communications, 2020, 529, 1-6.	1.0	14
9	Coexpression enrichment analysis at the single-cell level reveals convergent defects in neural progenitor cells and their cell-type transitions in neurodevelopmental disorders. Genome Research, 2020, 30, 835-848.	2.4	25
10	Haploinsufficiency of Cyfip2 Causes <scp>Lithiumâ€Responsive</scp> Prefrontal Dysfunction. Annals of Neurology, 2020, 88, 526-543.	2.8	11
11	Editorial: Shankopathies: Shank Protein Deficiency-Induced Synaptic Diseases. Frontiers in Molecular Neuroscience, 2020, 13, 11.	1.4	9
12	The Neomycin Resistance Cassette in the Targeted Allele of Shank3B Knock-Out Mice Has Potential Off-Target Effects to Produce an Unusual Shank3 Isoform. Frontiers in Molecular Neuroscience, 2020, 13, 614435.	1.4	9
13	A novel CD147 inhibitor, SP-8356, reduces neointimal hyperplasia and arterial stiffness in a rat model of partial carotid artery ligation. Journal of Translational Medicine, 2019, 17, 274.	1.8	17
14	Unexpected Compensatory Increase in Shank3 Transcripts in Shank3 Knock-Out Mice Having Partial Deletions of Exons. Frontiers in Molecular Neuroscience, 2019, 12, 228.	1.4	11
15	Reduced CYFIP2 Stability by Arg87 Variants Causing Human Neurological Disorders. Annals of Neurology, 2019, 86, 803-805.	2.8	11
16	Shank3 regulates striatal synaptic abundance of Cyld, a deubiquitinase specific for Lys63â€linked polyubiquitin chains. Journal of Neurochemistry, 2019, 150, 776-786.	2.1	22
17	Transcriptome analyses suggest minimal effects of Shank3 dosage on directional gene expression changes in the mouse striatum. Animal Cells and Systems, 2019, 23, 270-274.	0.8	14
18	Differential cell-type-expression of CYFIP1 and CYFIP2 in the adult mouse hippocampus. Animal Cells and Systems, 2019, 23, 380-383.	0.8	20

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19	Emerging roles of Lys63-linked polyubiquitination in neuronal excitatory postsynapses. Archives of Pharmacal Research, 2019, 42, 285-292.	2.7	3
20	Neuronal function and dysfunction of CYFIP2: from actin dynamics to early infantile epileptic encephalopathy. BMB Reports, 2019, 52, 304-311.	1.1	26
21	Excitatory and inhibitory synaptic dysfunction in mania: an emerging hypothesis from animal model studies. Experimental and Molecular Medicine, 2018, 50, 1-11.	3.2	40
22	Spontaneous seizure and partial lethality of juvenile Shank3-overexpressing mice in C57BL/6ÂJ background. Molecular Brain, 2018, 11, 57.	1.3	14
23	Transcriptome analysis of Shank3-overexpressing mice reveals unique molecular changes in the hypothalamus. Molecular Brain, 2018, 11, 71.	1.3	7
24	Integrative Brain Transcriptome Analysis Reveals Region-Specific and Broad Molecular Changes in Shank3-Overexpressing Mice. Frontiers in Molecular Neuroscience, 2018, 11, 250.	1.4	44
25	Smaller Body Size, Early Postnatal Lethality, and Cortical Extracellular Matrix-Related Gene Expression Changes of Cyfip2-Null Embryonic Mice. Frontiers in Molecular Neuroscience, 2018, 11, 482.	1.4	19
26	Age-dependent decrease of GAD65/67 mRNAs but normal densities of GABAergic interneurons in the brain regions of Shank3 -overexpressing manic mouse model. Neuroscience Letters, 2017, 649, 48-54.	1.0	24
27	Characterization of the zinc-induced Shank3 interactome of mouse synaptosome. Biochemical and Biophysical Research Communications, 2017, 494, 581-586.	1.0	13
28	Phosphorylation of CYFIP2, a component of the WAVE-regulatory complex, regulates dendritic spine density and neurite outgrowth in cultured hippocampal neurons potentially by affecting the complex assembly. NeuroReport, 2017, 28, 749-754.	0.6	20
29	Increased Excitatory Synaptic Transmission of Dentate Granule Neurons in Mice Lacking PSD-95-Interacting Adhesion Molecule Neph2/Kirrel3 during the Early Postnatal Period. Frontiers in Molecular Neuroscience, 2017, 10, 81.	1.4	14
30	Integrative Analysis of Brain Region-specific Shank3 Interactomes for Understanding the Heterogeneity of Neuronal Pathophysiology Related to SHANK3 Mutations. Frontiers in Molecular Neuroscience, 2017, 10, 110.	1.4	32
31	Striatal Transcriptome and Interactome Analysis of Shank3-overexpressing Mice Reveals the Connectivity between Shank3 and mTORC1 Signaling. Frontiers in Molecular Neuroscience, 2017, 10, 201.	1.4	48
32	Bipolar Disorder Associated microRNA, miR-1908-5p, Regulates the Expression of Genes Functioning in Neuronal Glutamatergic Synapses. Experimental Neurobiology, 2016, 25, 296-306.	0.7	34
33	Post-transcriptional regulation of SHANK3 expression by microRNAs related to multiple neuropsychiatric disorders. Molecular Brain, 2015, 8, 74.	1.3	60
34	Mice lacking the synaptic adhesion molecule Neph2/Kirrel3 display moderate hyperactivity and defective novel object preference. Frontiers in Cellular Neuroscience, 2015, 9, 283.	1.8	22
35	Emerging role of synaptic actin-regulatory pathway in the pathophysiology of mood disorders. Animal Cells and Systems, 2015, 19, 283-288.	0.8	11
36	Fragile X-like behaviors and abnormal cortical dendritic spines in Cytoplasmic FMR1-interacting protein 2-mutant mice. Human Molecular Genetics, 2015, 24, 1813-1823.	1.4	66

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37	Pumilio1 Haploinsufficiency Leads to SCA1-like Neurodegeneration by Increasing Wild-Type Ataxin1 Levels. Cell, 2015, 160, 1087-1098.	13.5	139
38	SHANK3 overexpression causes manic-like behaviour with unique pharmacogenetic properties. Nature, 2013, 503, 72-77.	13.7	323
39	Human-specific regulation of MeCP2 levels in fetal brains by microRNA miR-483-5p. Genes and Development, 2013, 27, 485-490.	2.7	95
40	Down-regulation of RalBP1 expression reduces seizure threshold and synaptic inhibition in mice. Biochemical and Biophysical Research Communications, 2013, 433, 175-180.	1.0	10
41	Elevated RalA activity in the hippocampus of PI3KÎ³ knock-out mice lacking NMDAR-dependent long-term depression. BMB Reports, 2013, 46, 103-106.	1.1	2
42	DGKÎ¹ regulates presynaptic release during mGluR-dependent LTD. EMBO Journal, 2011, 30, 165-180.	3.5	55
43	The Phosphoinositide 3-Phosphatase MTMR2 Interacts with PSD-95 and Maintains Excitatory Synapses by Modulating Endosomal Traffic. Journal of Neuroscience, 2010, 30, 5508-5518.	1.7	33
44	Regulation of Dendritic Spines, Spatial Memory, and Embryonic Development by the TANC Family of PSD-95-Interacting Proteins. Journal of Neuroscience, 2010, 30, 15102-15112.	1.7	58
45	Selected SALM (Synaptic Adhesion-Like Molecule) Family Proteins Regulate Synapse Formation. Journal of Neuroscience, 2010, 30, 5559-5568.	1.7	87
46	Regulated RalBP1 Binding to RalA and PSD-95 Controls AMPA Receptor Endocytosis and LTD. PLoS Biology, 2009, 7, e1000187.	2.6	57
47	Synaptic removal of diacylglycerol by DGKÎ¶ and PSD-95 regulates dendritic spine maintenance. EMBO Journal, 2009, 28, 1170-1179.	3.5	57
48	Synaptic adhesion molecules and PSD-95. Progress in Neurobiology, 2008, 84, 263-283.	2.8	131
49	SALM Synaptic Cell Adhesion-like Molecules Regulate the Differentiation of Excitatory Synapses. Neuron, 2006, 50, 233-245.	3.8	138