

Kihoon Han

List of Publications by Year in descending order

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Version: 2024-02-01

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	SHANK3 overexpression causes manic-like behaviour with unique pharmacogenetic properties. <i>Nature</i> , 2013, 503, 72-77.	13.7	323
2	Pumilio1 Haploinsufficiency Leads to SCA1-like Neurodegeneration by Increasing Wild-Type Ataxin1 Levels. <i>Cell</i> , 2015, 160, 1087-1098.	13.5	139
3	SALM Synaptic Cell Adhesion-like Molecules Regulate the Differentiation of Excitatory Synapses. <i>Neuron</i> , 2006, 50, 233-245.	3.8	138
4	Synaptic adhesion molecules and PSD-95. <i>Progress in Neurobiology</i> , 2008, 84, 263-283.	2.8	131
5	Human-specific regulation of MeCP2 levels in fetal brains by microRNA miR-483-5p. <i>Genes and Development</i> , 2013, 27, 485-490.	2.7	95
6	Selected SALM (Synaptic Adhesion-Like Molecule) Family Proteins Regulate Synapse Formation. <i>Journal of Neuroscience</i> , 2010, 30, 5559-5568.	1.7	87
7	Fragile X-like behaviors and abnormal cortical dendritic spines in Cytoplasmic FMR1-interacting protein 2-mutant mice. <i>Human Molecular Genetics</i> , 2015, 24, 1813-1823.	1.4	66
8	An autism-linked missense mutation in SHANK3 reveals the modularity of Shank3 function. <i>Molecular Psychiatry</i> , 2020, 25, 2534-2555.	4.1	61
9	Post-transcriptional regulation of SHANK3 expression by microRNAs related to multiple neuropsychiatric disorders. <i>Molecular Brain</i> , 2015, 8, 74.	1.3	60
10	Regulation of Dendritic Spines, Spatial Memory, and Embryonic Development by the TANC Family of PSD-95-Interacting Proteins. <i>Journal of Neuroscience</i> , 2010, 30, 15102-15112.	1.7	58
11	Regulated RalBP1 Binding to RalA and PSD-95 Controls AMPA Receptor Endocytosis and LTD. <i>PLoS Biology</i> , 2009, 7, e1000187.	2.6	57
12	Synaptic removal of diacylglycerol by DGK β and PSD-95 regulates dendritic spine maintenance. <i>EMBO Journal</i> , 2009, 28, 1170-1179.	3.5	57
13	DGK β regulates presynaptic release during mGluR-dependent LTD. <i>EMBO Journal</i> , 2011, 30, 165-180.	3.5	55
14	Striatal Transcriptome and Interactome Analysis of Shank3-overexpressing Mice Reveals the Connectivity between Shank3 and mTORC1 Signaling. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 201.	1.4	48
15	Integrative Brain Transcriptome Analysis Reveals Region-Specific and Broad Molecular Changes in Shank3-Overexpressing Mice. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 250.	1.4	44
16	Excitatory and inhibitory synaptic dysfunction in mania: an emerging hypothesis from animal model studies. <i>Experimental and Molecular Medicine</i> , 2018, 50, 1-11.	3.2	40
17	Bipolar Disorder Associated microRNA, miR-1908-5p, Regulates the Expression of Genes Functioning in Neuronal Glutamatergic Synapses. <i>Experimental Neurobiology</i> , 2016, 25, 296-306.	0.7	34
18	The Phosphoinositide 3-Phosphatase MTMR2 Interacts with PSD-95 and Maintains Excitatory Synapses by Modulating Endosomal Traffic. <i>Journal of Neuroscience</i> , 2010, 30, 5508-5518.	1.7	33

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19	Integrative Analysis of Brain Region-specific Shank3 Interactomes for Understanding the Heterogeneity of Neuronal Pathophysiology Related to SHANK3 Mutations. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 110.	1.4	32
20	Neuronal function and dysfunction of CYFIP2: from actin dynamics to early infantile epileptic encephalopathy. <i>BMB Reports</i> , 2019, 52, 304-311.	1.1	26
21	Coexpression enrichment analysis at the single-cell level reveals convergent defects in neural progenitor cells and their cell-type transitions in neurodevelopmental disorders. <i>Genome Research</i> , 2020, 30, 835-848.	2.4	25
22	Age-dependent decrease of GAD65/67 mRNAs but normal densities of GABAergic interneurons in the brain regions of Shank3-overexpressing manic mouse model. <i>Neuroscience Letters</i> , 2017, 649, 48-54.	1.0	24
23	A kinome-wide RNAi screen identifies ERK2 as a druggable regulator of Shank3 stability. <i>Molecular Psychiatry</i> , 2020, 25, 2504-2516.	4.1	23
24	Mice lacking the synaptic adhesion molecule Neph2/Kirrel3 display moderate hyperactivity and defective novel object preference. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 283.	1.8	22
25	Shank3 regulates striatal synaptic abundance of Cyld, a deubiquitinase specific for Lys63-linked polyubiquitin chains. <i>Journal of Neurochemistry</i> , 2019, 150, 776-786.	2.1	22
26	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. <i>NeuroReport</i> , 2017, 28, 749-754.	0.6	20
27	Differential cell-type-expression of CYFIP1 and CYFIP2 in the adult mouse hippocampus. <i>Animal Cells and Systems</i> , 2019, 23, 380-383.	0.8	20
28	Smaller Body Size, Early Postnatal Lethality, and Cortical Extracellular Matrix-Related Gene Expression Changes of Cyfip2-Null Embryonic Mice. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 482.	1.4	19
29	A novel CD147 inhibitor, SP-8356, reduces neointimal hyperplasia and arterial stiffness in a rat model of partial carotid artery ligation. <i>Journal of Translational Medicine</i> , 2019, 17, 274.	1.8	17
30	Increased Excitatory Synaptic Transmission of Dentate Granule Neurons in Mice Lacking PSD-95-Interacting Adhesion Molecule Neph2/Kirrel3 during the Early Postnatal Period. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 81.	1.4	14
31	Spontaneous seizure and partial lethality of juvenile Shank3-overexpressing mice in C57BL/6J background. <i>Molecular Brain</i> , 2018, 11, 57.	1.3	14
32	Transcriptome analyses suggest minimal effects of Shank3 dosage on directional gene expression changes in the mouse striatum. <i>Animal Cells and Systems</i> , 2019, 23, 270-274.	0.8	14
33	Epilepsy- and intellectual disability-associated CYFIP2 interacts with both actin regulators and RNA-binding proteins in the neonatal mouse forebrain. <i>Biochemical and Biophysical Research Communications</i> , 2020, 529, 1-6.	1.0	14
34	Characterization of the zinc-induced Shank3 interactome of mouse synaptosome. <i>Biochemical and Biophysical Research Communications</i> , 2017, 494, 581-586.	1.0	13
35	Emerging role of synaptic actin-regulatory pathway in the pathophysiology of mood disorders. <i>Animal Cells and Systems</i> , 2015, 19, 283-288.	0.8	11
36	Unexpected Compensatory Increase in Shank3 Transcripts in Shank3 Knock-Out Mice Having Partial Deletions of Exons. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 228.	1.4	11

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37	Reduced CYFIP2 Stability by Arg87 Variants Causing Human Neurological Disorders. <i>Annals of Neurology</i> , 2019, 86, 803-805.	2.8	11
38	Haploinsufficiency of <i>Cyfp2</i> Causes Lithium-Responsive Prefrontal Dysfunction. <i>Annals of Neurology</i> , 2020, 88, 526-543.	2.8	11
39	Down-regulation of RalBP1 expression reduces seizure threshold and synaptic inhibition in mice. <i>Biochemical and Biophysical Research Communications</i> , 2013, 433, 175-180.	1.0	10
40	Increased ribosomal protein levels and protein synthesis in the striatal synaptosome of Shank3-overexpressing transgenic mice. <i>Molecular Brain</i> , 2021, 14, 39.	1.3	10
41	Enhanced Prefrontal Neuronal Activity and Social Dominance Behavior in Postnatal Forebrain Excitatory Neuron-Specific <i>Cyfp2</i> Knock-Out Mice. <i>Frontiers in Molecular Neuroscience</i> , 2020, 13, 574947.	1.4	9
42	Editorial: Shankopathies: Shank Protein Deficiency-Induced Synaptic Diseases. <i>Frontiers in Molecular Neuroscience</i> , 2020, 13, 11.	1.4	9
43	The Neomycin Resistance Cassette in the Targeted Allele of Shank3B Knock-Out Mice Has Potential Off-Target Effects to Produce an Unusual Shank3 Isoform. <i>Frontiers in Molecular Neuroscience</i> , 2020, 13, 614435.	1.4	9
44	Transcriptome analysis of Shank3-overexpressing mice reveals unique molecular changes in the hypothalamus. <i>Molecular Brain</i> , 2018, 11, 71.	1.3	7
45	Altered presynaptic function and number of mitochondria in the medial prefrontal cortex of adult <i>Cyfp2</i> heterozygous mice. <i>Molecular Brain</i> , 2020, 13, 123.	1.3	6
46	Emerging roles of Lys63-linked polyubiquitination in neuronal excitatory postsynapses. <i>Archives of Pharmacal Research</i> , 2019, 42, 285-292.	2.7	3
47	Protein interactome and cell-type expression analyses reveal that cytoplasmic FMR1-interacting protein 1 (CYFIP1), but not CYFIP2, associates with astrocytic focal adhesion. <i>Journal of Neurochemistry</i> , 2022, 162, 190-206.	2.1	3
48	Elevated RalA activity in the hippocampus of PI3K β knock-out mice lacking NMDAR-dependent long-term depression. <i>BMB Reports</i> , 2013, 46, 103-106.	1.1	2
49	Repeated ketamine anesthesia during neurodevelopment upregulates hippocampal activity and enhances drug reward in male mice. <i>Communications Biology</i> , 2022, 5, .	2.0	1