Young Ho Suh

List of Publications by Year
in descending order

39 papers	1,786 citations	279701 23 h-index	315616 38 g-index
42 all docs	42 docs citations	42 times ranked	3250 citing authors

#	Article	IF	Citations
1	PathogenicGRM7Mutations Associated with Neurodevelopmental Disorders Impair Axon Outgrowth and Presynaptic Terminal Development. Journal of Neuroscience, 2021, 41, 2344-2359.	1.7	18
2	CHIP-mediated hyperubiquitylation of tau promotes its self-assembly into the insoluble tau filaments. Chemical Science, 2021, 12, 5599-5610.	3.7	16
3	Neddylation is required for presynaptic clustering of mGlu7 and maturation of presynaptic terminals. Experimental and Molecular Medicine, 2021, 53, 457-467.	3.2	2
4	The pathogenic S688Y mutation in the ligand-binding domain of the GluN1 subunit regulates the properties of NMDA receptors. Scientific Reports, 2020, 10, 18576.	1.6	13
5	Nâ€linked glycosylation of the mGlu7 receptor regulates the forward trafficking and transsynaptic interaction with Elfn1. FASEB Journal, 2020, 34, 14977-14996.	0.2	11
6	Kv4.1, a Key Ion Channel For Low Frequency Firing of Dentate Granule Cells, Is Crucial for Pattern Separation. Journal of Neuroscience, 2020, 40, 2200-2214.	1.7	20
7	Genome-Wide Analysis Identifies NURR1-Controlled Network of New Synapse Formation and Cell Cycle Arrest in Human Neural Stem Cells. Molecules and Cells, 2020, 43, 551-571.	1.0	6
8	N-glycosylation regulates the trafficking, surface mobility and function of GluN3A-containing NMDA receptors. IBRO Reports, 2019, 6, S533.	0.3	0
9	Attenuation of Experimental Autoimmune Encephalomyelitis in a Common Marmoset Model by Dendritic Cell-Modulating Anti-ICAM-1 Antibody, MD-3. Molecular Neurobiology, 2019, 56, 5136-5145.	1.9	1
10	The AMPA Receptor Subunit GluA1 is Required for CA1 Hippocampal Long-Term Potentiation but is not Essential for Synaptic Transmission. Neurochemical Research, 2019, 44, 549-561.	1.6	15
11	Nedd4 E3 ligase and beta-arrestins regulate ubiquitination, trafficking, and stability of the mGlu7 receptor. ELife, 2019, 8, .	2.8	35
12	Metabotropic glutamate receptor trafficking. Molecular and Cellular Neurosciences, 2018, 91, 10-24.	1.0	44
13	N-Glycosylation Regulates the Trafficking and Surface Mobility of GluN3A-Containing NMDA Receptors. Frontiers in Molecular Neuroscience, 2018, 11, 188.	1.4	21
14	Activating transcription factor 3 is a target molecule linking hepatic steatosis to impaired glucose homeostasis. Journal of Hepatology, 2017, 67, 349-359.	1.8	51
15	Inhibitory RNA Aptamers of Tau Oligomerization and Their Neuroprotective Roles against Proteotoxic Stress. Molecular Pharmaceutics, 2016, 13, 2039-2048.	2.3	32
16	Regulation of mGluR7 trafficking by SUMOylation in neurons. Neuropharmacology, 2016, 102, 229-235.	2.0	32
17	Interplay between Leucine-Rich Repeat Kinase 2 (LRRK2) and p62/SQSTM-1 in Selective Autophagy. PLoS ONE, 2016, 11, e0163029.	1.1	34
18	Cyclin Y inhibits plasticity-induced AMPA receptor exocytosis and LTP. Scientific Reports, 2015, 5, 12624.	1.6	19

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19	Two N-glycosylation Sites in the GluN1 Subunit Are Essential for Releasing N-methyl-d-aspartate (NMDA) Receptors from the Endoplasmic Reticulum. Journal of Biological Chemistry, 2015, 290, 18379-18390.	1.6	47
20	TARP Î³-8 glycosylation regulates the surface expression of AMPA receptors. Biochemical Journal, 2015, 465, 471-477.	1.7	10
21	LRRK2 G2019S mutation attenuates microglial motility by inhibiting focal adhesion kinase. Nature Communications, 2015, 6, 8255.	5.8	79
22	The phosphorylation of STAT6 during ischemic reperfusion in rat cerebral cortex. NeuroReport, 2014, 25, 18-22.	0.6	8
23	DJ-1 facilitates the interaction between STAT1 and its phosphatase, SHP-1, in brain microglia and astrocytes: A novel anti-inflammatory function of DJ-1. Neurobiology of Disease, 2013, 60, 1-10.	2.1	80
24	Distance-Dependent Scaling of AMPARs Is Cell-Autonomous and GluA2 Dependent. Journal of Neuroscience, 2013, 33, 13312-13319.	1.7	24
25	Cornichon Proteins Determine the Subunit Composition of Synaptic AMPA Receptors. Neuron, 2013, 77, 1083-1096.	3.8	133
26	DJ-1 Associates with lipid rafts by palmitoylation and regulates lipid rafts-dependent endocytosis in astrocytes. Human Molecular Genetics, 2013, 22, 4805-4817.	1.4	87
27	Regulation of Metabotropic Glutamate Receptor 7 (mGluR7) Internalization and Surface Expression by Ser/Thr Protein Phosphatase 1. Journal of Biological Chemistry, 2013, 288, 17544-17551.	1.6	27
28	Astrocytes, but Not Microglia, Rapidly Sense H2O2 via STAT6 Phosphorylation, Resulting in Cyclooxygenase-2 Expression and Prostaglandin Release. Journal of Immunology, 2012, 188, 5132-5141.	0.4	34
29	Deletion of SNAP-23 Results in Pre-Implantation Embryonic Lethality in Mice. PLoS ONE, 2011, 6, e18444.	1.1	33
30	A neuronal role for SNAP-23 in postsynaptic glutamate receptor trafficking. Nature Neuroscience, 2010, 13, 338-343.	7.1	119
31	Functional comparison of the effects of TARPs and cornichons on AMPA receptor trafficking and gating. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 16315-16319.	3.3	102
32	KLF4 positively regulates human ghrelin expression. Biochemical Journal, 2009, 420, 403-411.	1.7	20
33	Crucial roles of neuronatin in insulin secretion and high glucose-induced apoptosis in pancreatic Î²-cells. Cellular Signalling, 2008, 20, 907-915.	1.7	55
34	An Essential Role for PICK1 in NMDA Receptor-Dependent Bidirectional Synaptic Plasticity. Neuron, 2008, 57, 872-882.	3.8	147
35	Corequirement of PICK1 Binding and PKC Phosphorylation for Stable Surface Expression of the Metabotropic Glutamate Receptor mGluR7. Neuron, 2008, 58, 736-748.	3.8	66
36	AICAR potentiates ROS production induced by chronic high glucose: Roles of AMPK in pancreatic Î²-cell apoptosis. Cellular Signalling, 2007, 19, 791-805.	1.7	95

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37	Involvement of lymphocytes in dextran sulfate sodium-induced experimental colitis. World Journal of Gastroenterology, 2006, 12, 302.	1.4	57
38	Exposure to Chronic High Glucose Induces Â-Cell Apoptosis Through Decreased Interaction of Glucokinase With Mitochondria: Downregulation of Glucokinase in Pancreatic Â-Cells. Diabetes, 2005, 54, 2602-2611.	0.3	131
39	Ectopic expression of Neuronatin potentiates adipogenesis through enhanced phosphorylation of cAMP-response element-binding protein in 3T3-L1 cells. Biochemical and Biophysical Research Communications, 2005, 337, 481-489.	1.0	56