Sehyoun Yoon

List of Publications by Year
in descending order

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28	668	567281 15	610901 24
papers	citations	h-index	g-index

33	33	33	1091
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Enhanced Hypothalamic Leptin Signaling in Mice Lacking Dopamine D2 Receptors. Journal of Biological Chemistry, 2010, 285, 8905-8917.	3.4	68
2	Role of dopamine D2 receptors in plasticity of stress-induced addictive behaviours. Nature Communications, 2013, 4, 1579.	12.8	61
3	ZNF313 is a novel cell cycle activator with an E3 ligase activity inhibiting cellular senescence by destabilizing p21WAF1. Cell Death and Differentiation, 2013, 20, 1055-1067.	11.2	58
4	CNTNAP2 stabilizes interneuron dendritic arbors through CASK. Molecular Psychiatry, 2018, 23, 1832-1850.	7.9	44
5	Dopamine D2 receptor-mediated circuit from the central amygdala to the bed nucleus of the stria terminalis regulates impulsive behavior. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E10730-E10739.	7.1	44
6	Partial Loss of USP9X Function Leads to a Male Neurodevelopmental and Behavioral Disorder Converging on Transforming Growth Factor Î² Signaling. Biological Psychiatry, 2020, 87, 100-112.	1.3	42
7	A novel role for the late-onset Alzheimerâ€™s disease (LOAD)-associated protein Bin1 in regulating postsynaptic trafficking and glutamatergic signaling. Molecular Psychiatry, 2020, 25, 2000-2016.	7.9	41
8	Homer1 promotes dendritic spine growth through ankyrin-G and its loss reshapes the synaptic proteome. Molecular Psychiatry, 2021, 26, 1775-1789.	7.9	38
9	Usp9X Controls Ankyrin-Repeat Domain Protein Homeostasis during Dendritic Spine Development. Neuron, 2020, 105, 506-521.e7.	8.1	34
10	Dopamine D2 Receptor-mediated Epidermal Growth Factor Receptor Transactivation through a Disintegrin and Metalloprotease Regulates Dopaminergic Neuron Development via Extracellular Signal-related Kinase Activation. Journal of Biological Chemistry, 2013, 288, 28435-28446.	3.4	31
11	Wnt5a-Dopamine D2 Receptor Interactions Regulate Dopamine Neuron Development via Extracellular Signal-regulated Kinase (ERK) Activation. Journal of Biological Chemistry, 2011, 286, 15641-15651.	3.4	28
12	Optogenetics reveals a role for accumbal medium spiny neurons expressing dopamine D2 receptors in cocaine-induced behavioral sensitization. Frontiers in Behavioral Neuroscience, 2014, 8, 336.	2.0	27
13	Role of Dopamine D2 Receptor in Stress-Induced Myelin Loss. Scientific Reports, 2017, 7, 11654.	3.3	19
14	Regulation of dopamine D2 receptor-mediated extracellular signal-regulated kinase signaling and spine formation by GABAA receptors in hippocampal neurons. Neuroscience Letters, 2015, 586, 24-30.	2.1	18
15	Striatal-enriched protein tyrosine phosphatase regulates dopaminergic neuronal development via extracellular signal-regulated kinase signaling. Experimental Neurology, 2008, 214, 69-77.	4.1	17
16	Cadherin-10 Maintains Excitatory/Inhibitory Ratio through Interactions with Synaptic Proteins. Journal of Neuroscience, 2017, 37, 11127-11139.	3.6	17
17	Shed CNTNAP2 ectodomain is detectable in CSF and regulates Ca2+ homeostasis and network synchrony via PMCA2/ATP2B2. Neuron, 2022, 110, 627-643.e9.	8.1	17
18	Effects of atypical antipsychotic drugs on body weight and food intake in dopamine D2 receptor knockout mice. Biochemical and Biophysical Research Communications, 2010, 393, 235-241.	2.1	16

#	Article	IF	Citations
19	TGF-Î²-Induced Phosphorylation of Usp9X Stabilizes Ankyrin-G and Regulates Dendritic Spine Development and Maintenance. Cell Reports, 2020, 31, 107685.	6.4	12
20	Roles and mechanisms of ankyrin-G in neuropsychiatric disorders. Experimental and Molecular Medicine, 2022, 54, 867-877.	7.7	11
21	cAMP Signalingâ€“Mediated Phosphorylation of Diacylglycerol Lipase Î± Regulates Interaction With Ankyrin-G and Dendritic Spine Morphology. Biological Psychiatry, 2021, 90, 263-274.	1.3	7
22	CNTNAP2 is targeted to endosomes by the polarity protein PAR3. European Journal of Neuroscience, 2020, 51, 1074-1086.	2.6	5
23	Protocol for live enhanced resolution confocal imaging of dendritic spinule dynamics in primary mouse cortical neuron culture. STAR Protocols, 2021, 2, 100427.	1.2	4
24	TGFÎ²-Induced Phosphorylation of Usp9X Stabilizes Ankyrin-G and Regulates Dendritic Spine Maintenance. SSRN Electronic Journal, 0, , .	0.4	1
25	A fluorescence recovery after photobleaching protocol to measure surface diffusion of DAGLÎ± in primary cultured cortical mouse neurons. STAR Protocols, 2022, 3, 101118.	1.2	1
26	Characterization of CNTNAP2 nanostructures on interneuronal dendrites. Molecular Psychiatry, 2018, 23, 1831-1831.	7.9	0
27	T128. Regulation of Dendritic Spine Morphology by Small Isoform of Ankyrin-G and Homer1. Biological Psychiatry, 2019, 85, S178-S179.	1.3	0
28	Structured illumination microscopy (SIM) imaging of Bin1 colocalization with trafficking markers in cultured rat cortical neurons. Molecular Psychiatry, 2020, 25, 1905-1905.	7.9	0