

Dongseok Park

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

210
citations

1478505

6
h-index

1281871

11
g-index

13
all docs

13
docs citations

13
times ranked

398
citing authors

#	ARTICLE	IF	CITATIONS
1	LRRTM3 Regulates Excitatory Synapse Development through Alternative Splicing and Neurexin Binding. <i>Cell Reports</i> , 2016, 14, 808-822.	6.4	61
2	Structural Insights into Modulation of Neurexin-Neuroigin Trans -synaptic Adhesion by MDGA1/Neuroigin-2 Complex. <i>Neuron</i> , 2017, 94, 1121-1131.e6.	8.1	48
3	IQ Motif and SEC7 Domain-containing Protein 3 (IQSEC3) Interacts with Gephyrin to Promote Inhibitory Synapse Formation. <i>Journal of Biological Chemistry</i> , 2016, 291, 10119-10130.	3.4	27
4	Loss of IQSEC3 Disrupts GABAergic Synapse Maintenance and Decreases Somatostatin Expression in the Hippocampus. <i>Cell Reports</i> , 2020, 30, 1995-2005.e5.	6.4	16
5	Calsyntenin-3 interacts with both $\hat{1}\pm$ - and $\hat{1}^2$ -neurexins in the regulation of excitatory synaptic innervation in specific Schaffer collateral pathways. <i>Journal of Biological Chemistry</i> , 2020, 295, 9244-9262.	3.4	14
6	Npas4 regulates IQSEC3 expression in hippocampal somatostatin interneurons to mediate anxiety-like behavior. <i>Cell Reports</i> , 2021, 36, 109417.	6.4	10
7	Impaired formation of high-order gephyrin oligomers underlies gephyrin dysfunction-associated pathologies. <i>IScience</i> , 2021, 24, 102037.	4.1	8
8	Seizure progression triggered by $\langle scp \rangle$ IQSEC3 $\langle /scp \rangle$ loss is mitigated by reducing activated microglia in mice. <i>Glia</i> , 2020, 68, 2661-2673.	4.9	7
9	Molecular Mechanisms of Synaptic Specificity: Spotlight on Hippocampal and Cerebellar Synapse Organizers. <i>Molecules and Cells</i> , 2018, 41, 373-380.	2.6	6
10	IQSEC3 Deletion Impairs Fear Memory Through Upregulation of Ribosomal S6K1 Signaling in the Hippocampus. <i>Biological Psychiatry</i> , 2022, 91, 821-831.	1.3	6
11	LRRTM3 regulates activity-dependent synchronization of synapse properties in topographically connected hippocampal neural circuits. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	5