# Dhrubajyoti Chowdhury

List of Publications by Year
in descending order



| 13 | 530 | 933264 | 1125617 |
|---|---|---|---|
| papers | citations | 10 | 13 |
| | | h-index | g-index |

| 13 | 13 | 13 | 761 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Phosphorylation of Ser <sup>1928</sup> mediates the enhanced activity of the L-type Ca <sup>2+</sup> channel Ca <sub>v</sub> 1.2 by the Î² <sub>2</sub> -adrenergic receptor in neurons. Science Signaling, 2017, 10, . | 1.6 | 91 |
| 2 | Role of Palmitoylation of Postsynaptic Proteins in Promoting Synaptic Plasticity. Frontiers in Molecular Neuroscience, 2019, 12, 8. | 1.4 | 67 |
| 3 | Capping of the N-terminus of PSD-95 by calmodulin triggers its postsynaptic release. EMBO Journal, 2014, 33, 1341-53. | 3.5 | 64 |
| 4 | Phosphorylation of Ca <sub>v</sub> 1.2 on S1928 uncouples the Lâ€type Ca <sup>2+</sup> channel from the Î² <sub>2</sub> adrenergic receptor. EMBO Journal, 2016, 35, 1330-1345. | 3.5 | 61 |
| 5 | Î±-Actinin Anchors PSD-95 at Postsynaptic Sites. Neuron, 2018, 97, 1094-1109.e9. | 3.8 | 53 |
| 6 | Homeostatic synaptic scaling: molecular regulators of synaptic AMPA-type glutamate receptors. F1000Research, 2018, 7, 234. | 0.8 | 44 |
| 7 | Tyrosine Phosphorylation Regulates the Endocytosis and Surface Expression of GluN3A-Containing NMDA Receptors. Journal of Neuroscience, 2013, 33, 4151-4164. | 1.7 | 36 |
| 8 | Ca <sup>2+</sup> /calmodulin binding to <scp>PSD</scp> â€95 mediates homeostatic synaptic scaling down. EMBO Journal, 2018, 37, 122-138. | 3.5 | 36 |
| 9 | Functionally distinct and selectively phosphorylated GPCR subpopulations co-exist in a single cell. Nature Communications, 2018, 9, 1050. | 5.8 | 28 |
| 10 | The NMDA receptor subunit GluN3A protects against 3-nitroproprionic-induced striatal lesions via inhibition of calpain activation. Neurobiology of Disease, 2012, 48, 290-298. | 2.1 | 25 |
| 11 | Ca2+/Calmodulin Binding to PSD-95 Downregulates Its Palmitoylation and AMPARs in Long-Term Depression. Frontiers in Synaptic Neuroscience, 2019, 11, 6. | 1.3 | 12 |
| 12 | Synaptic recognition molecules in development and disease. Current Topics in Developmental Biology, 2021, 142, 319-370. | 1.0 | 12 |
| 13 | How CBP/Shank3 Guards Rap and H-Ras. Structure, 2020, 28, 274-276. | 1.6 | 1 |