

Shreaya Chakroborty

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

1,035
citations

759233

12
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

1499
citing authors

#	ARTICLE	IF	CITATIONS
1	Deviant Ryanodine Receptor-Mediated Calcium Release Resets Synaptic Homeostasis in Presymptomatic 3xTg-AD Mice. <i>Journal of Neuroscience</i> , 2009, 29, 9458-9470.	3.6	180
2	Post-translational remodeling of ryanodine receptor induces calcium leak leading to Alzheimer's disease-like pathologies and cognitive deficits. <i>Acta Neuropathologica</i> , 2017, 134, 749-767.	7.7	130
3	Stabilizing ER Ca ²⁺ Channel Function as an Early Preventative Strategy for Alzheimer's Disease. <i>PLoS ONE</i> , 2012, 7, e52056.	2.5	114
4	Early Presynaptic and Postsynaptic Calcium Signaling Abnormalities Mask Underlying Synaptic Depression in Presymptomatic Alzheimer's Disease Mice. <i>Journal of Neuroscience</i> , 2012, 32, 8341-8353.	3.6	111
5	Phosphodiesterase 10A Inhibition Improves Cortico-Basal Ganglia Function in Huntington's Disease Models. <i>Neuron</i> , 2016, 92, 1220-1237.	8.1	92
6	Nitric Oxide Signaling Is Recruited As a Compensatory Mechanism for Sustaining Synaptic Plasticity in Alzheimer's Disease Mice. <i>Journal of Neuroscience</i> , 2015, 35, 6893-6902.	3.6	73
7	Calcium channelopathies and Alzheimer's disease: Insight into therapeutic success and failures. <i>European Journal of Pharmacology</i> , 2014, 739, 83-95.	3.5	72
8	Emerging pathways driving early synaptic pathology in Alzheimer's disease. <i>Biochemical and Biophysical Research Communications</i> , 2017, 483, 988-997.	2.1	69
9	Early calcium dysregulation in Alzheimer's disease: setting the stage for synaptic dysfunction. <i>Science China Life Sciences</i> , 2011, 54, 752-762.	4.9	59
10	Reduced presynaptic vesicle stores mediate cellular and network plasticity defects in an early-stage mouse model of Alzheimer's disease. <i>Molecular Neurodegeneration</i> , 2019, 14, 7.	10.8	52
11	Facilitation of Corticostriatal Transmission following Pharmacological Inhibition of Striatal Phosphodiesterase 10A: Role of Nitric Oxide-Soluble Guanylyl Cyclase-cGMP Signaling Pathways. <i>Journal of Neuroscience</i> , 2015, 35, 5781-5791.	3.6	47
12	Generation of dendritic Ca ²⁺ oscillations as a consequence of altered ryanodine receptor function in AD neurons. <i>Channels</i> , 2011, 5, 9-13.	2.8	18
13	Impact of Vortioxetine on Synaptic Integration in Prefrontal-Subcortical Circuits: Comparisons with Escitalopram. <i>Frontiers in Pharmacology</i> , 2017, 8, 764.	3.5	12
14	Phosphodiesterase 9A Inhibition Facilitates Corticostriatal Transmission in Wild-Type and Transgenic Rats That Model Huntington's Disease. <i>Frontiers in Neuroscience</i> , 2020, 14, 466.	2.8	6
15	Neurophysiological Approaches for In Vivo Neuropharmacology. <i>NeuroMethods</i> , 2017, , 253-292.	0.3	0