Shreaya Chakroborty

List of Publications by Year
in descending order

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	Phosphodiesterase 9A Inhibition Facilitates Corticostriatal Transmission in Wild-Type and Transgenic Rats That Model Huntingtonâ€™s Disease. Frontiers in Neuroscience, 2020, 14, 466.	2.8	6
2	Reduced presynaptic vesicle stores mediate cellular and network plasticity defects in an early-stage mouse model of Alzheimerâ€™s disease. Molecular Neurodegeneration, 2019, 14, 7.	10.8	52
3	Post-translational remodeling of ryanodine receptor induces calcium leak leading to Alzheimerâ€™s disease-like pathologies and cognitive deficits. Acta Neuropathologica, 2017, 134, 749-767.	7.7	130
4	Emerging pathways driving early synaptic pathology in Alzheimer's disease. Biochemical and Biophysical Research Communications, 2017, 483, 988-997.	2.1	69
5	Impact of Vortioxetine on Synaptic Integration in Prefrontal-Subcortical Circuits: Comparisons with Escitalopram. Frontiers in Pharmacology, 2017, 8, 764.	3.5	12
6	Neurophysiological Approaches for In Vivo Neuropharmacology. Neuromethods, 2017, , 253-292.	0.3	0
7	Phosphodiesterase 10A Inhibition Improves Cortico-Basal Ganglia Function in Huntingtonâ€™s Disease Models. Neuron, 2016, 92, 1220-1237.	8.1	92
8	Facilitation of Corticostriatal Transmission following Pharmacological Inhibition of Striatal Phosphodiesterase 10A: Role of Nitric Oxide-Soluble Guanylyl Cyclase-cGMP Signaling Pathways. Journal of Neuroscience, 2015, 35, 5781-5791.	3.6	47
9	Nitric Oxide Signaling Is Recruited As a Compensatory Mechanism for Sustaining Synaptic Plasticity in Alzheimer's Disease Mice. Journal of Neuroscience, 2015, 35, 6893-6902.	3.6	73
10	Calcium channelopathies and Alzheimer's disease: Insight into therapeutic success and failures. European Journal of Pharmacology, 2014, 739, 83-95.	3.5	72
11	Early Presynaptic and Postsynaptic Calcium Signaling Abnormalities Mask Underlying Synaptic Depression in Presymptomatic Alzheimer's Disease Mice. Journal of Neuroscience, 2012, 32, 8341-8353.	3.6	111
12	Stabilizing ER Ca2+ Channel Function as an Early Preventative Strategy for Alzheimerâ€™s Disease. PLoS ONE, 2012, 7, e52056.	2.5	114
13	Early calcium dysregulation in Alzheimerâ€™s disease: setting the stage for synaptic dysfunction. Science China Life Sciences, 2011, 54, 752-762.	4.9	59
14	Generation of dendritic Ca²⁺oscillations as a consequence of altered ryanodine receptor function in AD neurons. Channels, 2011, 5, 9-13.	2.8	18
15	Deviant Ryanodine Receptor-Mediated Calcium Release Resets Synaptic Homeostasis in Presymptomatic 3xTg-AD Mice. Journal of Neuroscience, 2009, 29, 9458-9470.	3.6	180