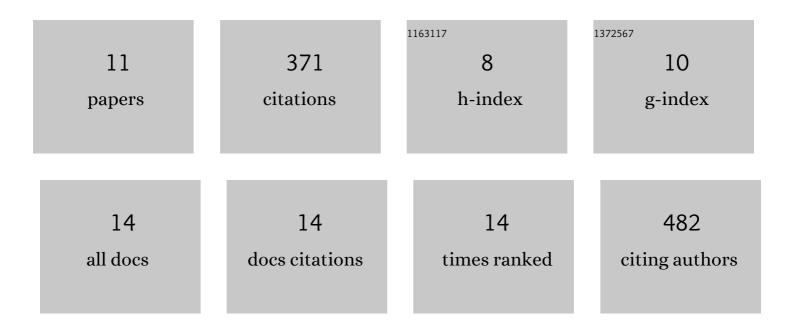
Swagata Ghatak

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	NitroSynapsin ameliorates hypersynchronous neural network activity in Alzheimer hiPSC models. Molecular Psychiatry, 2021, 26, 5751-5765.	7.9	43
2	Novel Therapeutic Approach for Excitatory/Inhibitory Imbalance in Neurodevelopmental and Neurodegenerative Diseases. Annual Review of Pharmacology and Toxicology, 2021, 61, 701-721.	9.4	24
3	α-Synuclein Oligomers Induce Glutamate Release from Astrocytes and Excessive Extrasynaptic NMDAR Activity in Neurons, Thus Contributing to Synapse Loss. Journal of Neuroscience, 2021, 41, 2264-2273.	3.6	66
4	S-nitrosylated TDP-43 triggers aggregation, cell-to-cell spread, and neurotoxicity in hiPSCs and in vivo models of ALS/FTD. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	28
5	Emerging hiPSC Models for Drug Discovery in Neurodegenerative Diseases. International Journal of Molecular Sciences, 2021, 22, 8196.	4.1	9
6	Patch clamp data driven stochastic modeling and simulation of hTREK1 potassium ion channel gating. Chemical Physics, 2019, 516, 182-190.	1.9	0
7	Mechanisms of hyperexcitability in Alzheimer's disease hiPSC-derived neurons and cerebral organoids vs isogenic controls. ELife, 2019, 8, .	6.0	143
8	Parkinson's disease: what the model systems have taught us so far. Journal of Genetics, 2018, 97, 729-751.	0.7	15
9	<scp>l</scp> ‣actate mediates neuroprotection against ischaemia by increasing <scp>TREK</scp> 1 channel expression in rat hippocampal astrocytes <i>inÂvitro</i> . Journal of Neurochemistry, 2016, 138, 265-281.	3.9	20
10	Ischaemic concentrations of lactate increase TREK1 channel activity by interacting with a single histidine residue in the carboxy terminal domain. Journal of Physiology, 2016, 594, 59-81.	2.9	12
11	Lactate modulates the intracellular pH sensitivity of human TREK1 channels. Pflugers Archiv European Journal of Physiology, 2016, 468, 825-836.	2.8	5