Mahendra Singh

List of Publications by Year
in descending order

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10 papers	152 citations	1478505 6 h-index	1372567 10 g-index
10 all docs	10 docs citations	10 times ranked	239 citing authors

#	Article	IF	Citations
1	5-HT2A receptor dysregulation in a schizophrenia relevant mouse model of NMDA receptor hypofunction. Translational Psychiatry, 2022, 12, 168.	4.8	5
2	Developmental shift to mitochondrial respiration for energetic support of sustained transmission during maturation at the calyx of Held. Journal of Neurophysiology, 2021, 126, 976-996.	1.8	8
3	GSK3Î² inhibition restores cortical gamma oscillation and cognitive behavior in a mouse model of NMDA receptor hypofunction relevant to schizophrenia. Neuropsychopharmacology, 2020, 45, 2207-2218.	5.4	17
4	Age-related defects in short-term plasticity are reversed by acetyl-L-carnitine at the mouse calyx of Held. Neurobiology of Aging, 2018, 67, 108-119.	3.1	6
5	Presynaptic loss of dynaminâ€related protein 1 impairs synaptic vesicle release and recycling at the mouse calyx of Held. Journal of Physiology, 2018, 596, 6263-6287.	2.9	17
6	Presynaptic GCaMP expression decreases vesicle release probability at the calyx of Held. Synapse, 2018, 72, e22040.	1.2	19
7	A Well-Defined Readily Releasable Pool with Fixed Capacity for Storing Vesicles at Calyx of Held. PLoS Computational Biology, 2016, 12, e1004855.	3.2	24
8	AMPA receptor activation causes preferential mitochondrial Ca2+ load and oxidative stress in motor neurons. Brain Research, 2015, 1616, 1-9.	2.2	24
9	Depalmitoylation preferentially downregulates AMPA induced Ca2+ signaling and neurotoxicity in motor neurons. Brain Research, 2013, 1529, 143-153.	2.2	4
10	AMPA induced Ca2+ influx in motor neurons occurs through voltage gated Ca2+ channel and Ca2+ permeable AMPA receptor. Neurochemistry International, 2011, 59, 913-921.	3.8	28