Chinnakkaruppan Adaikkan

List of Publications by Year
in descending order

14 papers	2,195 citations	687363 13 h-index	996975 15 g-index
15 all docs	15 docs citations	15 times ranked	3445 citing authors

#	Article	IF	Citations
1	Gamma Entrainment: Impact on Neurocircuits, Glia, and Therapeutic Opportunities. Trends in Neurosciences, 2020, 43, 24-41.	8.6	127
2	Gamma Entrainment Binds Higher-Order Brain Regions and Offers Neuroprotection. Neuron, 2019, 102, 929-943.e8.	8.1	252
3	Calcium/Calmodulin-Dependent Protein Kinase II and Eukaryotic Elongation Factor 2 Kinase Pathways Mediate the Antidepressant Action of Ketamine. Biological Psychiatry, 2018, 84, 65-75.	1.3	68
4	Noninvasive 40-Hz light flicker to recruit microglia and reduce amyloid beta load. Nature Protocols, 2018, 13, 1850-1868.	12.0	70
5	Temporal Tracking of Microglia Activation in Neurodegeneration at Single-Cell Resolution. Cell Reports, 2017, 21, 366-380.	6.4	538
6	Gamma frequency entrainment attenuates amyloid load and modifies microglia. Nature, 2016, 540, 230-235.	27.8	812
7	Top-down cortical input during NREM sleep consolidates perceptual memory. Science, 2016, 352, 1315-1318.	12.6	120
8	A molecular mechanism underlying gustatory memory trace for an association in the insular cortex. ELife, 2015, 4, e07582.	6.0	29
9	Dopamine-induced tyrosine phosphorylation of NR2B (Tyr1472) is essential for ERK1/2 activation and processing of novel taste information. Frontiers in Molecular Neuroscience, 2014, 7, 66.	2.9	18
10	Differential Contribution of Hippocampal Subfields to Components of Associative Taste Learning. Journal of Neuroscience, 2014, 34, 11007-11015.	3.6	30
11	Blocking the eIF2Î± Kinase (PKR) Enhances Positive and Negative Forms of Cortex-Dependent Taste Memory. Journal of Neuroscience, 2013, 33, 2517-2525.	3.6	68
12	Th e Role of Protein Phosphorylation in the Gustatory Cortex and Amygdala During Taste Learning. Experimental Neurobiology, 2012, 21, 37-51.	1.6	20
13	Age related and hypothyroidism related changes on the stoichiometry of neurofilament subunits in the developing rat brain. International Journal of Developmental Neuroscience, 2009, 27, 257-261.	1.6	7
14	Anticataractogenic Effect of an Extract of the Oyster Mushroom,Pleurotus ostreatus, in an Experimental Animal Model. Current Eye Research, 2009, 34, 264-273.	1.5	21