

Chinnakkaruppan Adaikkan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2886845/publications.pdf>

Version: 2024-02-01

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 frequency entrainment attenuates amyloid load and modifies microglia. <i>Nature</i> , 2016, 540, 230-235.	27.8	812
2	Temporal Tracking of Microglia Activation in Neurodegeneration at Single-Cell Resolution. <i>Cell Reports</i> , 2017, 21, 366-380.	6.4	538
3	Gamma Entrainment Binds Higher-Order Brain Regions and Offers Neuroprotection. <i>Neuron</i> , 2019, 102, 929-943.e8.	8.1	252
4	Gamma Entrainment: Impact on Neurocircuits, Glia, and Therapeutic Opportunities. <i>Trends in Neurosciences</i> , 2020, 43, 24-41.	8.6	127
5	Top-down cortical input during NREM sleep consolidates perceptual memory. <i>Science</i> , 2016, 352, 1315-1318.	12.6	120
6	Noninvasive 40-Hz light flicker to recruit microglia and reduce amyloid beta load. <i>Nature Protocols</i> , 2018, 13, 1850-1868.	12.0	70
7	Blocking the eIF2 \pm Kinase (PKR) Enhances Positive and Negative Forms of Cortex-Dependent Taste Memory. <i>Journal of Neuroscience</i> , 2013, 33, 2517-2525.	3.6	68
8	Calcium/Calmodulin-Dependent Protein Kinase II and Eukaryotic Elongation Factor 2 Kinase Pathways Mediate the Antidepressant Action of Ketamine. <i>Biological Psychiatry</i> , 2018, 84, 65-75.	1.3	68
9	Differential Contribution of Hippocampal Subfields to Components of Associative Taste Learning. <i>Journal of Neuroscience</i> , 2014, 34, 11007-11015.	3.6	30
10	A molecular mechanism underlying gustatory memory trace for an association in the insular cortex. <i>ELife</i> , 2015, 4, e07582.	6.0	29
11	Anticataractogenic Effect of an Extract of the Oyster Mushroom, <i>Pleurotus ostreatus</i> , in an Experimental Animal Model. <i>Current Eye Research</i> , 2009, 34, 264-273.	1.5	21
12	The Role of Protein Phosphorylation in the Gustatory Cortex and Amygdala During Taste Learning. <i>Experimental Neurobiology</i> , 2012, 21, 37-51.	1.6	20
13	Dopamine-induced tyrosine phosphorylation of NR2B (Tyr1472) is essential for ERK1/2 activation and processing of novel taste information. <i>Frontiers in Molecular Neuroscience</i> , 2014, 7, 66.	2.9	18
14	Age related and hypothyroidism related changes on the stoichiometry of neurofilament subunits in the developing rat brain. <i>International Journal of Developmental Neuroscience</i> , 2009, 27, 257-261.	1.6	7