

Philip L Regan

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

879
citations

840776

11
h-index

940533

16
g-index

16
all docs

16
docs citations

16
times ranked

1464
citing authors

#	ARTICLE	IF	CITATIONS
1	Microtubule-associated protein tau is essential for long-term depression in the hippocampus. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20130144.	4.0	228
2	Tau Phosphorylation at Serine 396 Residue Is Required for Hippocampal LTD. <i>Journal of Neuroscience</i> , 2015, 35, 4804-4812.	3.6	163
3	Acute stress causes rapid synaptic insertion of Ca ²⁺ -permeable AMPA receptors to facilitate long-term potentiation in the hippocampus. <i>Brain</i> , 2013, 136, 3753-3765.	7.6	92
4	Intracellular oligomeric amyloid-beta rapidly regulates GluA1 subunit of AMPA receptor in the hippocampus. <i>Scientific Reports</i> , 2015, 5, 10934.	3.3	85
5	Translational Concepts of mGluR5 in Synaptic Diseases of the Brain. <i>Frontiers in Pharmacology</i> , 2012, 3, 199.	3.5	66
6	Physiological and Pathophysiological Implications of Synaptic Tau. <i>Neuroscientist</i> , 2017, 23, 137-151.	3.5	53
7	Ca ²⁺ -permeable AMPA receptor: A new perspective on amyloid-beta mediated pathophysiology of Alzheimer's disease. <i>Neuropharmacology</i> , 2017, 112, 221-227.	4.1	52
8	Dendritic spine anomalies and PTEN alterations in a mouse model of VPA-induced autism spectrum disorder. <i>Pharmacological Research</i> , 2018, 128, 110-121.	7.1	32
9	Glucocorticoids activate a synapse weakening pathway culminating in tau phosphorylation in the hippocampus. <i>Pharmacological Research</i> , 2017, 121, 42-51.	7.1	29
10	Impairment of Release Site Clearance within the Active Zone by Reduced SCAMP5 Expression Causes Short-Term Depression of Synaptic Release. <i>Cell Reports</i> , 2018, 22, 3339-3350.	6.4	23
11	Cyclin Y inhibits plasticity-induced AMPA receptor exocytosis and LTP. <i>Scientific Reports</i> , 2015, 5, 12624.	3.3	19
12	The role of neuronal calcium sensors in balancing synaptic plasticity and synaptic dysfunction. <i>Frontiers in Molecular Neuroscience</i> , 2012, 5, 57.	2.9	12
13	Regulation of Synapse Weakening through Interactions of the Microtubule Associated Protein Tau with PACSIN1. <i>Journal of Neuroscience</i> , 2021, 41, 7162-7170.	3.6	12
14	Postsynaptic p47phox regulates long-term depression in the hippocampus. <i>Cell Discovery</i> , 2018, 4, 44.	6.7	7
15	The Role of Tau in the Post-synapse. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1184, 113-121.	1.6	5
16	The synapse and brain function. <i>Seminars in Cell and Developmental Biology</i> , 2011, 22, 488-491.	5.0	1