

Walter Gulisano

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

24
papers

787
citations

16
h-index

28
g-index

28
ext. papers

1,047
ext. citations

6.5
avg, IF

3.97
L-index

#	Paper	IF	Citations
24	Rodent models for Alzheimer's disease drug discovery. <i>Expert Opinion on Drug Discovery</i> , 2015 , 10, 703-16.	16.2	129
23	LTP and memory impairment caused by extracellular A β and Tau oligomers is APP-dependent. <i>ELife</i> , 2017 , 6,	8.9	81
22	The keystone of Alzheimer pathogenesis might be sought in A β physiology. <i>Neuroscience</i> , 2015 , 307, 26-36	3.9	80
21	A key role for TGF- β in hippocampal synaptic plasticity and memory. <i>Scientific Reports</i> , 2015 , 5, 11252	4.9	75
20	Role of Amyloid- β and Tau Proteins in Alzheimer's Disease: Confuting the Amyloid Cascade. <i>Journal of Alzheimer's Disease</i> , 2018 , 64, S611-S631	4.3	45
19	Neuromodulatory Action of Picomolar Extracellular A β 2 Oligomers on Presynaptic and Postsynaptic Mechanisms Underlying Synaptic Function and Memory. <i>Journal of Neuroscience</i> , 2019 , 39, 5986-6000	6.6	43
18	Amyloid- β Peptide Is Needed for cGMP-Induced Long-Term Potentiation and Memory. <i>Journal of Neuroscience</i> , 2017 , 37, 6926-6937	6.6	38
17	Time-dependent reversal of synaptic plasticity induced by physiological concentrations of oligomeric A β 2: an early index of Alzheimer's disease. <i>Scientific Reports</i> , 2016 , 6, 32553	4.9	35
16	The effect of amyloid- β peptide on synaptic plasticity and memory is influenced by different isoforms, concentrations, and aggregation status. <i>Neurobiology of Aging</i> , 2018 , 71, 51-60	5.6	32
15	Object memory enhancement by combining sub-eficacious doses of specific phosphodiesterase inhibitors. <i>Neuropharmacology</i> , 2015 , 95, 361-6	5.5	30
14	Synaptic and memory dysfunction induced by tau oligomers is rescued by up-regulation of the nitric oxide cascade. <i>Molecular Neurodegeneration</i> , 2019 , 14, 26	19	25
13	Salidroside, a Bioactive Compound of Rhodiola Rosea, Ameliorates Memory and Emotional Behavior in Adult Mice. <i>Journal of Alzheimer's Disease</i> , 2016 , 52, 65-75	4.3	23
12	The antineoplastic drug flavopiridol reverses memory impairment induced by Amyloid- β 42 oligomers in mice. <i>Pharmacological Research</i> , 2016 , 106, 10-20	10.2	21
11	Role of F3/contactin expression profile in synaptic plasticity and memory in aged mice. <i>Neurobiology of Aging</i> , 2015 , 36, 1702-1715	5.6	20
10	Sub-eficacious doses of phosphodiesterase 4 and 5 inhibitors improve memory in a mouse model of Alzheimer's disease. <i>Neuropharmacology</i> , 2018 , 138, 151-159	5.5	19
9	Activation of Serotonin 5-HT Receptors Modulates Hippocampal Synaptic Plasticity by Stimulation of Adenylate Cyclases and Rescues Learning and Behavior in a Mouse Model of Fragile X Syndrome. <i>Frontiers in Molecular Neuroscience</i> , 2018 , 11, 353	6.1	19
8	Antagonizing α 7 nicotinic receptors with methyllycaconitine (MLA) potentiates receptor activity and memory acquisition. <i>Cellular Signalling</i> , 2019 , 62, 109338	4.9	14

7	A novel arousal-based individual screening reveals susceptibility and resilience to PTSD-like phenotypes in mice. <i>Neurobiology of Stress</i> , 2021 , 14, 100286	7.6	11
6	Role of the adhesion molecule F3/Contactin in synaptic plasticity and memory. <i>Molecular and Cellular Neurosciences</i> , 2017 , 81, 64-71	4.8	10
5	CL316,243, a β -adrenergic receptor agonist, induces muscle hypertrophy and increased strength. <i>Scientific Reports</i> , 2016 , 5, 37504	4.9	10
4	Dopaminergic-GABAergic interplay and alcohol binge drinking. <i>Pharmacological Research</i> , 2019 , 141, 384-391	10.2	7
3	Physiological and pathological processes of synaptic plasticity and memory in drug discovery: Do not forget the dose-response curve. <i>European Journal of Pharmacology</i> , 2017 , 817, 59-70	5.3	6
2	Molecular Mechanisms of Learning and Memory 2016 , 1-27		4
1	Genetic deletion of α 7 nicotinic acetylcholine receptors induces an age-dependent Alzheimer's disease-like pathology. <i>Progress in Neurobiology</i> , 2021 , 206, 102154	10.9	4