

Walter Gulisano

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

1,236
citations

430754

18
h-index

552653

26
g-index

28
all docs

28
docs citations

28
times ranked

2120
citing authors

#	ARTICLE	IF	CITATIONS
1	Rodent models for Alzheimer's disease drug discovery. <i>Expert Opinion on Drug Discovery</i> , 2015, 10, 703-711.	2.5	170
2	LTP and memory impairment caused by extracellular A β 2 and Tau oligomers is APP-dependent. <i>ELife</i> , 2017, 6, .	2.8	121
3	A key role for TGF- β 1 in hippocampal synaptic plasticity and memory. <i>Scientific Reports</i> , 2015, 5, 11252.	1.6	106
4	Role of Amyloid- β 2 and Tau Proteins in Alzheimer's Disease: Confuting the Amyloid Cascade. <i>Journal of Alzheimer's Disease</i> , 2018, 64, S611-S631.	1.2	102
5	The keystone of Alzheimer pathogenesis might be sought in A β 2 physiology. <i>Neuroscience</i> , 2015, 307, 26-36.	1.1	98
6	Neuromodulatory Action of Picomolar Extracellular A β 42 Oligomers on Presynaptic and Postsynaptic Mechanisms Underlying Synaptic Function and Memory. <i>Journal of Neuroscience</i> , 2019, 39, 5986-6000.	1.7	71
7	Amyloid- β 2 Peptide Is Needed for cGMP-Induced Long-Term Potentiation and Memory. <i>Journal of Neuroscience</i> , 2017, 37, 6926-6937.	1.7	59
8	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.	4.4	59
9	The effect of amyloid- β 2 peptide on synaptic plasticity and memory is influenced by different isoforms, concentrations, and aggregation status. <i>Neurobiology of Aging</i> , 2018, 71, 51-60.	1.5	55
10	Time-dependent reversal of synaptic plasticity induced by physiological concentrations of oligomeric A β 42: an early index of Alzheimer's disease. <i>Scientific Reports</i> , 2016, 6, 32553.	1.6	54
11	A novel arousal-based individual screening reveals susceptibility and resilience to PTSD-like phenotypes in mice. <i>Neurobiology of Stress</i> , 2021, 14, 100286.	1.9	42
12	Object memory enhancement by combining sub-efficacious doses of A-specific phosphodiesterase inhibitors. <i>Neuropharmacology</i> , 2015, 95, 361-366.	2.0	35
13	The antineoplastic drug flavopiridol reverses memory impairment induced by Amyloid- β 1-42 oligomers in mice. <i>Pharmacological Research</i> , 2016, 106, 10-20.	3.1	32
14	Activation of Serotonin 5-HT7 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.	1.4	32
15	Salidroside, a Bioactive Compound of <i>Rhodiola Rosea</i> , Ameliorates Memory and Emotional Behavior in Adult Mice. <i>Journal of Alzheimer's Disease</i> , 2016, 52, 65-75.	1.2	31
16	Role of F3/contactin expression profile in synaptic plasticity and memory in aged mice. <i>Neurobiology of Aging</i> , 2015, 36, 1702-1715.	1.5	27
17	Sub-efficacious doses of phosphodiesterase 4 and 5 inhibitors improve memory in a mouse model of Alzheimer's disease. <i>Neuropharmacology</i> , 2018, 138, 151-159.	2.0	27
18	Antagonizing α 7 nicotinic receptors with methyllycaconitine (MLA) potentiates receptor activity and memory acquisition. <i>Cellular Signalling</i> , 2019, 62, 109338.	1.7	21

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19	Genetic deletion of $\alpha 7$ nicotinic acetylcholine receptors induces an age-dependent Alzheimer's disease-like pathology. <i>Progress in Neurobiology</i> , 2021, 206, 102154.	2.8	21
20	Dopaminergic-GABAergic interplay and alcohol binge drinking. <i>Pharmacological Research</i> , 2019, 141, 384-391.	3.1	18
21	CL316,243, a $\beta 3$ -adrenergic receptor agonist, induces muscle hypertrophy and increased strength. <i>Scientific Reports</i> , 2016, 6, 37504.	1.6	16
22	Role of the adhesion molecule F3/Contactin in synaptic plasticity and memory. <i>Molecular and Cellular Neurosciences</i> , 2017, 81, 64-71.	1.0	15
23	Molecular Mechanisms of Learning and Memory**The authors declare no competing financial interests., 2016, , 1-27.		7
24	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.	1.7	6
25	Editorial: Beta Amyloid: From Physiology to Pathogenesis. <i>Frontiers in Molecular Neuroscience</i> , 2022, 15, 876224.	1.4	2
26	Innate Preferences Affect Results of Object Recognition Task in Wild Type and Alzheimer's Disease Mouse Models. <i>Journal of Alzheimer's Disease</i> , 2022, 85, 1343-1356.	1.2	1