

Mauro FÃ

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

3,793
citations

201575

27
h-index

276775

41
g-index

41
all docs

41
docs citations

41
times ranked

5280
citing authors

#	ARTICLE	IF	CITATIONS
1	Picomolar Amyloid- β Positively Modulates Synaptic Plasticity and Memory in Hippocampus. <i>Journal of Neuroscience</i> , 2008, 28, 14537-14545.	1.7	627
2	Microdialysis measurement of cortical and hippocampal acetylcholine release during sleep-wake cycle in freely moving cats. <i>Brain Research</i> , 1995, 671, 329-332.	1.1	558
3	Dysregulation of Histone Acetylation in the APP/PS1 Mouse Model of Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2009, 18, 131-139.	1.2	255
4	Endogenous amyloid- β is necessary for hippocampal synaptic plasticity and memory. <i>Annals of Neurology</i> , 2011, 69, 819-830.	2.8	248
5	Extracellular Tau Oligomers Produce An Immediate Impairment of LTP and Memory. <i>Scientific Reports</i> , 2016, 6, 19393.	1.6	212
6	Inhibition of calpains improves memory and synaptic transmission in a mouse model of Alzheimer disease. <i>Journal of Clinical Investigation</i> , 2008, 118, 2796-2807.	3.9	192
7	Prenatal exposure to a cannabinoid agonist produces memory deficits linked to dysfunction in hippocampal long-term potentiation and glutamate release. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 4915-4920.	3.3	176
8	Stimulation of the locus coeruleus elicits noradrenaline and dopamine release in the medial prefrontal and parietal cortex. <i>Journal of Neurochemistry</i> , 2005, 92, 368-374.	2.1	131
9	LTP and memory impairment caused by extracellular A β and Tau oligomers is APP-dependent. <i>ELife</i> , 2017, 6, .	2.8	121
10	Alzheimer's Therapeutics Targeting Amyloid Beta 1-42 Oligomers I: Abeta 42 Oligomer Binding to Specific Neuronal Receptors Is Displaced by Drug Candidates That Improve Cognitive Deficits. <i>PLoS ONE</i> , 2014, 9, e111898.	1.1	120
11	Synaptic Therapy in Alzheimer's Disease: A CREB-centric Approach. <i>Neurotherapeutics</i> , 2015, 12, 29-41.	2.1	117
12	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.	1.2	102
13	Co-release of noradrenaline and dopamine in the cerebral cortex elicited by single train and repeated train stimulation of the locus coeruleus. <i>BMC Neuroscience</i> , 2005, 6, 31.	0.8	82
14	Furoxans (1,2,5-Oxadiazole-N-Oxides) as Novel NO Mimetic Neuroprotective and Procognitive Agents. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 3076-3087.	2.9	74
15	Danish dementia mice suggest that loss of function and not the amyloid cascade causes synaptic plasticity and memory deficits. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 20822-20827.	3.3	62
16	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
17	Time-dependent reversal of synaptic plasticity induced by physiological concentrations of oligomeric A β : an early index of Alzheimer's disease. <i>Scientific Reports</i> , 2016, 6, 32553.	1.6	54
18	Preparation of Oligomeric β -amyloid ₁₋₄₂ and Induction of Synaptic Plasticity Impairment on Hippocampal Slices. <i>Journal of Visualized Experiments</i> , 2010, , .	0.2	45

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19	Activation of GABAB receptors reverses spontaneous gating deficits in juvenile DBA/2J mice. <i>Psychopharmacology</i> , 2007, 194, 361-369.	1.5	43
20	Kappa Opioid Receptor Activation Disrupts Prepulse Inhibition of the Acoustic Startle in Rats. <i>Biological Psychiatry</i> , 2005, 57, 1550-1558.	0.7	37
21	Sardinian alcohol-preferring rats prefer chocolate and sucrose over ethanol. <i>Alcohol</i> , 1997, 14, 611-615.	0.8	36
22	$\hat{1}$ -Hydroxybutyric Acid Intake in Ethanol-preferring sP and -nonpreferring sNP Rats. <i>Physiology and Behavior</i> , 1998, 64, 197-202.	1.0	35
23	Beta and Gamma Range EEG Power-Spectrum Correlation with Spiking Discharges in DBA/2J Mice Absence Model: Role of GABAB Receptors. <i>Epilepsia</i> , 2006, 47, 489-494.	2.6	34
24	Electrophysiological and pharmacological characteristics of nigral dopaminergic neurons in the conscious, head-restrained rat. <i>Synapse</i> , 2003, 48, 1-9.	0.6	33
25	Dynamin 1 Is Required for Memory Formation. <i>PLoS ONE</i> , 2014, 9, e91954.	1.1	32
26	$\hat{2}$ -Synuclein involvement in hippocampal synaptic plasticity: role of NO, cGMP, cGK and CaMKII. <i>European Journal of Neuroscience</i> , 2007, 25, 3583-3596.	1.2	31
27	Activation of D1, but not D2 Receptors Potentiates Dizocilpine-Mediated Disruption of Prepulse Inhibition of the Startle. <i>Neuropsychopharmacology</i> , 2005, 30, 561-574.	2.8	29
28	Design, Synthesis, and Optimization of Novel Epoxide Incorporating Peptidomimetics as Selective Calpain Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 6054-6068.	2.9	27
29	Design and Synthesis of Neuroprotective Methylthiazoles and Modification as NO-Chimeras for Neurodegenerative Therapy. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 6784-6801.	2.9	26
30	GABAB receptor activation exacerbates spontaneous spike-and-wave discharges in DBA/2J mice. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2010, 19, 226-231.	0.9	24
31	Novel Selective Calpain 1 Inhibitors as Potential Therapeutics in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2015, 49, 707-721.	1.2	24
32	Synaptic Fatigue is More Pronounced in the APP/PS1 Transgenic Mouse Model of Alzheimers Disease. <i>Current Alzheimer Research</i> , 2005, 2, 137-140.	0.7	23
33	Stereotaxic Infusion of Oligomeric Amyloid-beta into the Mouse Hippocampus. <i>Journal of Visualized Experiments</i> , 2015, , e52805.	0.2	21
34	Incorporation and metabolism of c9,t11 and t10,c12 conjugated linoleic acid (CLA) isomers in rat brain. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2005, 1736, 61-6.	1.2	19
35	Cigarette smoke inhalation stimulates dopaminergic neurons in rats. <i>NeuroReport</i> , 2000, 11, 3637-3639.	0.6	18
36	Effects of Topiramate on the Prepulse Inhibition of the Acoustic Startle in Rats. <i>Neuropsychopharmacology</i> , 2007, 32, 320-331.	2.8	18

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37	Levetiracetam attenuates spontaneous spike-and-wave discharges in DBA/2J mice. <i>Epilepsy Research</i> , 2007, 75, 224-227.	0.8	14
38	Re-engineering a neuroprotective, clinical drug as a procognitive agent with high in vivo potency and with GABAA potentiating activity for use in dementia. <i>BMC Neuroscience</i> , 2015, 16, 67.	0.8	12
39	Prenatal exposure to a cannabinoid receptor agonist does not affect sensorimotor gating in rats. <i>European Journal of Pharmacology</i> , 2006, 531, 166-170.	1.7	10
40	Prenatal low-level exposure to CO alters postnatal development of hippocampal nitric oxide synthase and haem-oxygenase activities in rats. <i>International Journal of Neuropsychopharmacology</i> , 2001, 4, 219-22.	1.0	9