

Alessia Mastrodonato

List of Publications by Year in Descending Order

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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.

19
papers

709
citations

13
h-index

22
g-index

22
ext. papers

939
ext. citations

6.6
avg, IF

3.8
L-index

#	Paper	IF	Citations
19	Acute (S)-Ketamine Administration Induces Sex-Specific Behavioral Effects in Adolescent but Not Aged Mice. <i>Frontiers in Neuroscience</i> , 2022 , 16, 852010	5.1	
18	Propranolol Decreases Fear Expression by Modulating Fear Memory Traces. <i>Biological Psychiatry</i> , 2021 , 89, 1150-1161	7.9	4
17	Behavioral and neurobiological effects of GnRH agonist treatment in mice-potential implications for puberty suppression in transgender individuals. <i>Neuropsychopharmacology</i> , 2021 , 46, 882-890	8.7	6
16	Fluoroethylnormemantine, a Novel NMDA Receptor Antagonist, for the Prevention and Treatment of Stress-Induced Maladaptive Behavior. <i>Biological Psychiatry</i> , 2021 , 90, 458-472	7.9	2
15	Plasma BDNF Levels Following Transcranial Direct Current Stimulation Allow Prediction of Synaptic Plasticity and Memory Deficits in 3Tg-AD Mice. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 541	5.7	6
14	Prophylactic (R,S)-ketamine selectively protects against inflammatory stressors. <i>Behavioural Brain Research</i> , 2020 , 378, 112238	3.4	17
13	Adult-born hippocampal neurons bidirectionally modulate entorhinal inputs into the dentate gyrus. <i>Science</i> , 2019 , 364, 578-583	33.3	71
12	Recurrent herpes simplex virus-1 infection induces hallmarks of neurodegeneration and cognitive deficits in mice. <i>PLoS Pathogens</i> , 2019 , 15, e1007617	7.6	100
11	Maternal insulin resistance multigenerationally impairs synaptic plasticity and memory via gametic mechanisms. <i>Nature Communications</i> , 2019 , 10, 4799	17.4	22
10	Ventral CA3 Activation Mediates Prophylactic Ketamine Efficacy Against Stress-Induced Depressive-like Behavior. <i>Biological Psychiatry</i> , 2018 , 84, 846-856	7.9	42
9	Olfactory memory is enhanced in mice exposed to extremely low-frequency electromagnetic fields via Wnt/ β -catenin dependent modulation of subventricular zone neurogenesis. <i>Scientific Reports</i> , 2018 , 8, 262	4.9	20
8	Prophylactic ketamine alters nucleotide and neurotransmitter metabolism in brain and plasma following stress. <i>Neuropsychopharmacology</i> , 2018 , 43, 1813-1821	8.7	26
7	Anodal transcranial direct current stimulation boosts synaptic plasticity and memory in mice via epigenetic regulation of Bdnf expression. <i>Scientific Reports</i> , 2016 , 6, 22180	4.9	134
6	Epigenetic modulation of adult hippocampal neurogenesis by extremely low-frequency electromagnetic fields. <i>Molecular Neurobiology</i> , 2014 , 49, 1472-86	6.2	53
5	Extremely low-frequency electromagnetic fields enhance the survival of newborn neurons in the mouse hippocampus. <i>European Journal of Neuroscience</i> , 2014 , 39, 893-903	3.5	47
4	Intracellular accumulation of amyloid- β protein plays a major role in A β -induced alterations of glutamatergic synaptic transmission and plasticity. <i>Journal of Neuroscience</i> , 2014 , 34, 12893-903	6.6	76
3	Learning induced epigenetic modifications in the ventral striatum are necessary for long-term memory. <i>Behavioural Brain Research</i> , 2014 , 265, 61-8	3.4	8

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| 2 | Reduced D-serine levels in the nucleus accumbens of cocaine-treated rats hinder the induction of NMDA receptor-dependent synaptic plasticity. <i>Brain</i> , 2013 , 136, 1216-30 | 11.2 | 59 |
| 1 | Role of cyclic nucleotide-gated channels in the modulation of mouse hippocampal neurogenesis. <i>PLoS ONE</i> , 2013 , 8, e73246 | 3.7 | 16 |