

# Alessia Mastrodonato

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/9095861/alessia-mastrodonato-publications-by-citations.pdf>

**Version:** 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Anodal transcranial direct current stimulation boosts synaptic plasticity and memory in mice via epigenetic regulation of Bdnf expression. <i>Scientific Reports</i> , <b>2016</b> , 6, 22180	4.9	134
18	Recurrent herpes simplex virus-1 infection induces hallmarks of neurodegeneration and cognitive deficits in mice. <i>PLoS Pathogens</i> , <b>2019</b> , 15, e1007617	7.6	100
17	Intracellular accumulation of amyloid- $\beta$ protein plays a major role in $\beta$ -induced alterations of glutamatergic synaptic transmission and plasticity. <i>Journal of Neuroscience</i> , <b>2014</b> , 34, 12893-903	6.6	76
16	Adult-born hippocampal neurons bidirectionally modulate entorhinal inputs into the dentate gyrus. <i>Science</i> , <b>2019</b> , 364, 578-583	33.3	71
15	Reduced D-serine levels in the nucleus accumbens of cocaine-treated rats hinder the induction of NMDA receptor-dependent synaptic plasticity. <i>Brain</i> , <b>2013</b> , 136, 1216-30	11.2	59
14	Epigenetic modulation of adult hippocampal neurogenesis by extremely low-frequency electromagnetic fields. <i>Molecular Neurobiology</i> , <b>2014</b> , 49, 1472-86	6.2	53
13	Extremely low-frequency electromagnetic fields enhance the survival of newborn neurons in the mouse hippocampus. <i>European Journal of Neuroscience</i> , <b>2014</b> , 39, 893-903	3.5	47
12	Ventral CA3 Activation Mediates Prophylactic Ketamine Efficacy Against Stress-Induced Depressive-like Behavior. <i>Biological Psychiatry</i> , <b>2018</b> , 84, 846-856	7.9	42
11	Prophylactic ketamine alters nucleotide and neurotransmitter metabolism in brain and plasma following stress. <i>Neuropsychopharmacology</i> , <b>2018</b> , 43, 1813-1821	8.7	26
10	Maternal insulin resistance multigenerationally impairs synaptic plasticity and memory via gametic mechanisms. <i>Nature Communications</i> , <b>2019</b> , 10, 4799	17.4	22
9	Olfactory memory is enhanced in mice exposed to extremely low-frequency electromagnetic fields via Wnt/ $\beta$ -catenin dependent modulation of subventricular zone neurogenesis. <i>Scientific Reports</i> , <b>2018</b> , 8, 262	4.9	20
8	Prophylactic (R,S)-ketamine selectively protects against inflammatory stressors. <i>Behavioural Brain Research</i> , <b>2020</b> , 378, 112238	3.4	17
7	Role of cyclic nucleotide-gated channels in the modulation of mouse hippocampal neurogenesis. <i>PLoS ONE</i> , <b>2013</b> , 8, e73246	3.7	16
6	Learning induced epigenetic modifications in the ventral striatum are necessary for long-term memory. <i>Behavioural Brain Research</i> , <b>2014</b> , 265, 61-8	3.4	8
5	Plasma BDNF Levels Following Transcranial Direct Current Stimulation Allow Prediction of Synaptic Plasticity and Memory Deficits in 3 $\times$ Tg-AD Mice. <i>Frontiers in Cell and Developmental Biology</i> , <b>2020</b> , 8, 541	5.7	6
4	Behavioral and neurobiological effects of GnRH agonist treatment in mice-potential implications for puberty suppression in transgender individuals. <i>Neuropsychopharmacology</i> , <b>2021</b> , 46, 882-890	8.7	6
3	Propranolol Decreases Fear Expression by Modulating Fear Memory Traces. <i>Biological Psychiatry</i> , <b>2021</b> , 89, 1150-1161	7.9	4

- 2 Fluoroethylnormemantine, a Novel NMDA Receptor Antagonist, for the Prevention and Treatment of Stress-Induced Maladaptive Behavior. *Biological Psychiatry*, **2021**, 90, 458-472 7.9 2
- 1 Acute (-)-Ketamine Administration Induces Sex-Specific Behavioral Effects in Adolescent but Not Aged Mice.. *Frontiers in Neuroscience*, **2022**, 16, 852010 5.1