

Mara Dolores Martin-de-Saavedra

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.

24
papers

672
citations

15
h-index

25
g-index

27
ext. papers

824
ext. citations

7.7
avg, IF

3.17
L-index

#	Paper	IF	Citations
24	Rapid 3D Enhanced Resolution Microscopy Reveals Diversity in Dendritic Spinule Dynamics, Regulation, and Function. <i>Neuron</i> , 2020 , 107, 522-537.e6	13.9	12
23	CNTNAP2 is targeted to endosomes by the polarity protein PAR3. <i>European Journal of Neuroscience</i> , 2020 , 51, 1074-1086	3.5	2
22	Structured illumination microscopy (SIM) imaging of Bin1 colocalization with trafficking markers in cultured rat cortical neurons. <i>Molecular Psychiatry</i> , 2020 , 25, 1905-1905	15.1	
21	A novel role for the late-onset Alzheimer's disease (LOAD)-associated protein Bin1 in regulating postsynaptic trafficking and glutamatergic signaling. <i>Molecular Psychiatry</i> , 2020 , 25, 2000-2016	15.1	15
20	The CNTNAP2-CASK complex modulates GluA1 subcellular distribution in interneurons. <i>Neuroscience Letters</i> , 2019 , 701, 92-99	3.3	7
19	The APP ^{swe} /PS1 ^{A246E} mutations in an astrocytic cell line leads to increased vulnerability to oxygen and glucose deprivation, Ca dysregulation, and mitochondrial abnormalities. <i>Journal of Neurochemistry</i> , 2018 , 145, 170-182	6	2
18	CNTNAP2 stabilizes interneuron dendritic arbors through CASK. <i>Molecular Psychiatry</i> , 2018 , 23, 1832-1850	15.1	21
17	Folic Acid Protects Against Glutamate-Induced Excitotoxicity in Hippocampal Slices Through a Mechanism that Implicates Inhibition of GSK-3 β and iNOS. <i>Molecular Neurobiology</i> , 2018 , 55, 1580-1589	6.2	8
16	Characterization of CNTNAP2 nanostructures on interneuronal dendrites. <i>Molecular Psychiatry</i> , 2018 , 23, 1831-1831	15.1	
15	Reversal of dendritic phenotypes in 16p11.2 microduplication mouse model neurons by pharmacological targeting of a network hub. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 8520-5	11.5	34
14	Synaptic abnormalities and cytoplasmic glutamate receptor aggregates in contactin associated protein-like 2/Caspr2 knockout neurons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 6176-81	11.5	80
13	The modulation of NMDA receptors and L-arginine/nitric oxide pathway is implicated in the anti-immobility effect of creatine in the tail suspension test. <i>Amino Acids</i> , 2015 , 47, 795-811	3.5	39
12	Both creatine and its product phosphocreatine reduce oxidative stress and afford neuroprotection in an in vitro Parkinson's model. <i>ASN Neuro</i> , 2014 , 6,	5.3	26
11	Protective effect of creatine against 6-hydroxydopamine-induced cell death in human neuroblastoma SH-SY5Y cells: Involvement of intracellular signaling pathways. <i>Neuroscience</i> , 2013 , 238, 185-94	3.9	33
10	Nrf2 participates in depressive disorders through an anti-inflammatory mechanism. <i>Psychoneuroendocrinology</i> , 2013 , 38, 2010-22	5	84
9	Galantamine elicits neuroprotection by inhibiting iNOS, NADPH oxidase and ROS in hippocampal slices stressed with anoxia/reoxygenation. <i>Neuropharmacology</i> , 2012 , 62, 1082-90	5.5	40
8	Involvement of PI3K, GSK-3 β and PPAR γ in the antidepressant-like effect of folic acid in the forced swimming test in mice. <i>Journal of Psychopharmacology</i> , 2012 , 26, 714-23	4.6	46

7	Chondroitin sulfate reduces cell death of rat hippocampal slices subjected to oxygen and glucose deprivation by inhibiting p38, NFB and iNOS. <i>Neurochemistry International</i> , 2011 , 58, 676-83	4.4	21
6	Neurotoxicity induced by dexamethasone in the human neuroblastoma SH-SY5Y cell line can be prevented by folic acid. <i>Neuroscience</i> , 2011 , 190, 346-53	3.9	21
5	N-acylaminophenothiazines: neuroprotective agents displaying multifunctional activities for a potential treatment of Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , 2011 , 46, 2224-35	6.8	42
4	Cholinergic and neuroprotective drugs for the treatment of Alzheimer and neuronal vascular diseases. II. Synthesis, biological assessment, and molecular modelling of new tacrine analogues from highly substituted 2-aminopyridine-3-carbonitriles. <i>Bioorganic and Medicinal Chemistry</i> , 2011 , 19, 122-33	3.4	39
3	Neuroprotective effect of guanosine against glutamate-induced cell death in rat hippocampal slices is mediated by the phosphatidylinositol-3 kinase/Akt/ glycogen synthase kinase 3 β pathway activation and inducible nitric oxide synthase inhibition. <i>Journal of Neuroscience Research</i> , 2011 , 89, 1400-8	4.4	58
2	Neurotoxicity induced by okadaic acid in the human neuroblastoma SH-SY5Y line can be differentially prevented by α and α^* nicotinic stimulation. <i>Toxicological Sciences</i> , 2011 , 123, 193-205	4.4	41
1	CNTNAP2 ectodomain, detected in neuronal and CSF sheddomes, modulates Ca ²⁺ dynamics and network synchrony		1