

MarÃ-a Dolores Martin-de-Saavedra

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

923
citations

471509

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642732

23
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docs citations

27
times ranked

1913
citing authors

#	ARTICLE	IF	CITATIONS
1	Shed CNTNAP2 ectodomain is detectable in CSF and regulates Ca ²⁺ homeostasis and network synchrony via PMCA2/ATP2B2. <i>Neuron</i> , 2022, 110, 627-643.e9.	8.1	17
2	Intercellular signaling by ectodomain shedding at the synapse. <i>Trends in Neurosciences</i> , 2022, 45, 483-498.	8.6	8
3	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.	7.9	41
4	CNTNAP2 is targeted to endosomes by the polarity protein PAR3. <i>European Journal of Neuroscience</i> , 2020, 51, 1074-1086.	2.6	5
5	Structured illumination microscopy (SIM) imaging of Bin1 colocalization with trafficking markers in cultured rat cortical neurons. <i>Molecular Psychiatry</i> , 2020, 25, 1905-1905.	7.9	0
6	Rapid 3D Enhanced Resolution Microscopy Reveals Diversity in Dendritic Spinule Dynamics, Regulation, and Function. <i>Neuron</i> , 2020, 107, 522-537.e6.	8.1	33
7	The CNTNAP2-CASK complex modulates GluA1 subcellular distribution in interneurons. <i>Neuroscience Letters</i> , 2019, 701, 92-99.	2.1	13
8	The <i>APP^{swe}PS1A246E</i> mutations in an astrocytic cell line leads to increased vulnerability to oxygen and glucose deprivation, Ca ²⁺ dysregulation, and mitochondrial abnormalities. <i>Journal of Neurochemistry</i> , 2018, 145, 170-182.	3.9	4
9	CNTNAP2 stabilizes interneuron dendritic arbors through CASK. <i>Molecular Psychiatry</i> , 2018, 23, 1832-1850.	7.9	44
10	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.	4.0	12
11	Characterization of CNTNAP2 nanostructures on interneuronal dendrites. <i>Molecular Psychiatry</i> , 2018, 23, 1831-1831.	7.9	0
12	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, 8520-8525.	7.1	61
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.	2.7	40
14	Synaptic abnormalities and cytoplasmic glutamate receptor aggregates in contactin associated protein-like 2 <i>Caspr2</i> knockout neurons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 6176-6181.	7.1	108
15	Both Creatine and Its Product Phosphocreatine Reduce Oxidative Stress and Afford Neuroprotection in an <i>In Vitro</i> Parkinson's Model. <i>ASN Neuro</i> , 2014, 6, 175909141455494.	2.7	32
16	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, 185-194.	2.3	38
17	Nrf2 participates in depressive disorders through an anti-inflammatory mechanism. <i>Psychoneuroendocrinology</i> , 2013, 38, 2010-2022.	2.7	108
18	Involvement of PI3K, GSK-3 ^β and PPAR ^β in the antidepressant-like effect of folic acid in the forced swimming test in mice. <i>Journal of Psychopharmacology</i> , 2012, 26, 714-723.	4.0	55

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19	Galantamine elicits neuroprotection by inhibiting iNOS, NADPH oxidase and ROS in hippocampal slices stressed with anoxia/reoxygenation. <i>Neuropharmacology</i> , 2012, 62, 1082-1090.	4.1	48
20	Chondroitin sulfate reduces cell death of rat hippocampal slices subjected to oxygen and glucose deprivation by inhibiting p38, NF κ B and iNOS. <i>Neurochemistry International</i> , 2011, 58, 676-683.	3.8	27
21	Neurotoxicity induced by dexamethasone in the human neuroblastoma SH-SY5Y cell line can be prevented by folic acid. <i>Neuroscience</i> , 2011, 190, 346-353.	2.3	23
22	N-Acylaminophenothiazines: Neuroprotective agents displaying multifunctional activities for a potential treatment of Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 2224-2235.	5.5	46
23	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, 122-133.	3.0	44
24	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, 1400-1408.	2.9	69
25	Neurotoxicity Induced by Okadaic Acid in the Human Neuroblastoma SH-SY5Y Line Can Be Differentially Prevented by α 7 and α 2* Nicotinic Stimulation. <i>Toxicological Sciences</i> , 2011, 123, 193-205.	3.1	44