Maria Victoria SÃ¡nchez-GÃ³mez

List of Publications by Year
in descending order

48 papers	4,302 citations	136950 32 h-index	223800 46 g-index
50 all docs	50 docs citations	50 times ranked	5122 citing authors

#	Article	IF	Citations
1	GABA_A Receptors Expressed in Oligodendrocytes Cultured from the Neonatal Rat Contain <i>Î±</i>3 and <i>Î³</i>1 Subunits and Present Differential Functional and Pharmacological Properties. Molecular Pharmacology, 2021, 99, 133-146.	2.3	6
2	Polyphenols attenuate mitochondrial dysfunction induced by amyloid peptides. , 2021, , 317-337.		0
3	Oligodendrocyte Differentiation and Myelination Is Potentiated via GABAB Receptor Activation. Neuroscience, 2020, 439, 163-180.	2.3	39
4	Expression and Function of GABA Receptors in Myelinating Cells. Frontiers in Cellular Neuroscience, 2020, 14, 256.	3.7	31
5	Mitochondrial division inhibitor 1 disrupts oligodendrocyte Ca²⁺ homeostasis and mitochondrial function. Glia, 2020, 68, 1743-1756.	4.9	23
6	Nâ€Methylâ€Dâ€Aspartate Receptor Antibodies in Autoimmune Encephalopathy Alter Oligodendrocyte Function. Annals of Neurology, 2020, 87, 670-676.	5.3	28
7	AÎ² oligomers promote oligodendrocyte differentiation and maturation via integrin Î²1 and Fyn kinase signaling. Cell Death and Disease, 2019, 10, 445.	6.3	49
8	Inhibition of Casein Kinase 2 Protects Oligodendrocytes From Excitotoxicity by Attenuating JNK/p53 Signaling Cascade. Frontiers in Molecular Neuroscience, 2018, 11, 333.	2.9	13
9	Deregulation of the endocannabinoid system and therapeutic potential of ABHD6 blockade in the cuprizone model of demyelination. Biochemical Pharmacology, 2018, 157, 189-201.	4.4	33
10	Isolation, Expansion, and Maturation of Oligodendrocyte Lineage Cells Obtained from Rat Neonatal Brain and Optic Nerve. Methods in Molecular Biology, 2018, 1791, 95-113.	0.9	11
11	Mangiferin and Morin Attenuate Oxidative Stress, Mitochondrial Dysfunction, and Neurocytotoxicity, Induced by Amyloid Beta Oligomers. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-13.	4.0	62
12	GATâ€1 mediated GABA uptake in rat oligodendrocytes. Glia, 2017, 65, 514-522.	4.9	18
13	Inwardly Rectifying K+ Currents in Cultured Oligodendrocytes from Rat Optic Nerve are Insensitive to pH. Neurochemical Research, 2017, 42, 2443-2455.	3.3	9
14	Differential Molecular Targets for Neuroprotective Effect of Chlorogenic Acid and its Related Compounds Against Glutamate Induced Excitotoxicity and Oxidative Stress in Rat Cortical Neurons. Neurochemical Research, 2017, 42, 3559-3572.	3.3	48
15	The link of inflammation and neurodegeneration in progressive multiple sclerosis. Multiple Sclerosis and Demyelinating Disorders, 2016, 1, .	1.1	50
16	Axon-to-Glia Interaction Regulates GABA_AReceptor Expression in Oligodendrocytes. Molecular Pharmacology, 2016, 89, 63-74.	2.3	43
17	PÃo del RÃo Hortega and the discovery of the oligodendrocytes. Frontiers in Neuroanatomy, 2015, 9, 92.	1.7	61
18	Blockade of monoacylglycerol lipase inhibits oligodendrocyte excitotoxicity and prevents demyelination<i>in vivo</i>. Glia, 2015, 63, 163-176.	4.9	74

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19	A₃ Adenosine receptors mediate oligodendrocyte death and ischemic damage to optic nerve. Glia, 2014, 62, 199-216.	4.9	41
20	Differential Neuroprotective Effects of 5â€²-Deoxy-5â€²-Methylthioadenosine. PLoS ONE, 2014, 9, e90671.	2.5	13
21	White Matter Damage in Multiple Sclerosis. , 2014, , 405-429.		0
22	Ca²⁺â€dependent endoplasmic reticulum stress correlates with astrogliosis in oligomeric amyloid Î²â€treated astrocytes and in a model of <scp>A</scp>lzheimer's disease. Aging Cell, 2013, 12, 292-302.	6.7	160
23	Zn²⁺â€induced ERK activation mediates PARPâ€1â€dependent ischemicâ€reoxygenation damage to oligodendrocytes. Glia, 2013, 61, 383-393.	4.9	36
24	Cytosolic zinc accumulation contributes to excitotoxic oligodendroglial death. Glia, 2013, 61, 750-764.	4.9	30
25	Adenosine and Multiple Sclerosis. , 2013, , 435-457.		2
26	Dual-specific Phosphatase-6 (Dusp6) and ERK Mediate AMPA Receptor-induced Oligodendrocyte Death. Journal of Biological Chemistry, 2011, 286, 11825-11836.	3.4	46
27	Bax and Calpain Mediate Excitotoxic Oligodendrocyte Death Induced by Activation of Both AMPA and Kainate Receptors. Journal of Neuroscience, 2011, 31, 2996-3006.	3.6	55
28	Amyloid Î² oligomers induce Ca2+ dysregulation and neuronal death through activation of ionotropic glutamate receptors. Cell Calcium, 2010, 47, 264-272.	2.4	318
29	Cannabidiol induces intracellular calcium elevation and cytotoxicity in oligodendrocytes. Glia, 2010, 58, 1739-1747.	4.9	62
30	Molecular mechanisms of neuroprotection by two natural antioxidant polyphenols. Cell Calcium, 2009, 45, 358-368.	2.4	169
31	Mangifera indica L. extract attenuates glutamate-induced neurotoxicity on rat cortical neurons. NeuroToxicology, 2009, 30, 1053-1058.	3.0	49
32	P2X₇Receptor Blockade Prevents ATP Excitotoxicity in Oligodendrocytes and Ameliorates Experimental Autoimmune Encephalomyelitis. Journal of Neuroscience, 2007, 27, 9525-9533.	3.6	356
33	System xcâˆ’ and Glutamate Transporter Inhibition Mediates Microglial Toxicity to Oligodendrocytes. Journal of Immunology, 2007, 178, 6549-6556.	0.8	147
34	Excitotoxic damage to white matter. Journal of Anatomy, 2007, 210, 693-702.	1.5	216
35	Neuroprotection by two polyphenols following excitotoxicity and experimental ischemia. Neurobiology of Disease, 2006, 23, 374-386.	4.4	145
36	Differential oxidative stress in oligodendrocytes and neurons after excitotoxic insults and protection by natural polyphenols. Glia, 2006, 53, 201-211.	4.9	72

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37	Glutamate-mediated glial injury: Mechanisms and clinical importance. Glia, 2006, 53, 212-224.	4.9	308
38	Activation of Kainate Receptors Sensitizes Oligodendrocytes to Complement Attack. Journal of Neuroscience, 2006, 26, 3220-3228.	3.6	87
39	Calcium and glial cell death. Cell Calcium, 2005, 38, 417-425.	2.4	68
40	Caspase-Dependent and Caspase-Independent Oligodendrocyte Death Mediated by AMPA and Kainate Receptors. Journal of Neuroscience, 2003, 23, 9519-9528.	3.6	134
41	Ca2+ Influx through AMPA or Kainate Receptors Alone Is Sufficient to Initiate Excitotoxicity in Cultured Oligodendrocytes. Neurobiology of Disease, 2002, 9, 234-243.	4.4	110
42	Excitotoxicity in glial cells. European Journal of Pharmacology, 2002, 447, 239-246.	3.5	117
43	Multiple angiotensin receptor subtypes in normal and tumor astrocytes in vitro. Glia, 2002, 39, 304-313.	4.9	41
44	The link between excitotoxic oligodendroglial death and demyelinating diseases. Trends in Neurosciences, 2001, 24, 224-230.	8.6	320
45	Expression of glutamate transporters in rat optic nerve oligodendrocytes. European Journal of Neuroscience, 1999, 11, 2226-2236.	2.6	116
46	On How Altered Glutamate Homeostasis May Contribute to Demyelinating Diseases of the Cns. Advances in Experimental Medicine and Biology, 1999, , 98-107.	1.6	12
47	AMPA and Kainate Receptors Each Mediate Excitotoxicity in Oligodendroglial Cultures. Neurobiology of Disease, 1999, 6, 475-485.	4.4	142
48	Glutamate receptor-mediated toxicity in optic nerveâ€‰oligodendrocytes. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 8830-8835.	7.1	329