

Alvaro G Estevez

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

3,530
citations

201575

27
h-index

360920

35
g-index

41
all docs

41
docs citations

41
times ranked

3849
citing authors

#	ARTICLE	IF	CITATIONS
1	Motoneuron Death Triggered by a Specific Pathway Downstream of Fas. <i>Neuron</i> , 2002, 35, 1067-1083.	3.8	407
2	Nitric Oxide and Superoxide Contribute to Motor Neuron Apoptosis Induced by Trophic Factor Deprivation. <i>Journal of Neuroscience</i> , 1998, 18, 923-931.	1.7	327
3	A role for astrocytes in motor neuron loss in amyotrophic lateral sclerosis. <i>Brain Research Reviews</i> , 2004, 47, 263-274.	9.1	274
4	Peroxynitrite-Induced Cytotoxicity in PC12 Cells: Evidence for an Apoptotic Mechanism Differentially Modulated by Neurotrophic Factors. <i>Journal of Neurochemistry</i> , 1995, 65, 1543-1550.	2.1	269
5	Astrocytic production of nerve growth factor in motor neuron apoptosis: implications for amyotrophic lateral sclerosis. <i>Journal of Neurochemistry</i> , 2004, 89, 464-473.	2.1	200
6	Superoxide dismutase and the death of motoneurons in ALS. <i>Trends in Neurosciences</i> , 2001, 24, S15-S20.	4.2	171
7	Nitric Oxide-Dependent Production of cGMP Supports the Survival of Rat Embryonic Motor Neurons Cultured with Brain-Derived Neurotrophic Factor. <i>Journal of Neuroscience</i> , 1998, 18, 3708-3714.	1.7	161
8	Peroxynitrite triggers a phenotypic transformation in spinal cord astrocytes that induces motor neuron apoptosis. <i>Journal of Neuroscience Research</i> , 2002, 67, 21-29.	1.3	161
9	Reactive nitrogen species in cellular signaling. <i>Experimental Biology and Medicine</i> , 2015, 240, 711-717.	1.1	133
10	Copper delivery to the CNS by CuATSM effectively treats motor neuron disease in SODG93A mice co-expressing the Copper-Chaperone-for-SOD. <i>Neurobiology of Disease</i> , 2016, 89, 1-9.	2.1	126
11	Nitration of Hsp90 induces cell death. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E1102-11.	3.3	122
12	[39] Immunohistochemical methods to detect nitrotyrosine. <i>Methods in Enzymology</i> , 1999, 301, 373-381.	0.4	119
13	Superoxide dismutase and the death of motoneurons in ALS. <i>Trends in Neurosciences</i> , 2001, 24, 15-20.	4.2	118
14	Nitric Oxide and Superoxide, a Deadly Cocktail. <i>Annals of the New York Academy of Sciences</i> , 2002, 962, 207-211.	1.8	110
15	Astrocyte activation by fibroblast growth factor-1 and motor neuron apoptosis: implications for amyotrophic lateral sclerosis. <i>Journal of Neurochemistry</i> , 2005, 93, 38-46.	2.1	101
16	Characterization of Detergent-Insoluble Proteins in ALS Indicates a Causal Link between Nitritative Stress and Aggregation in Pathogenesis. <i>PLoS ONE</i> , 2009, 4, e8130.	1.1	101
17	Protective effect of riluzole on excitatory amino acid-mediated neurotoxicity in motoneuron-enriched cultures. <i>European Journal of Pharmacology</i> , 1995, 280, 47-53.	1.7	86
18	Nerve Growth Factor Protects PC12 Cells Against Peroxynitrite-Induced Apoptosis via a Mechanism Dependent on Phosphatidylinositol 3-Kinase. <i>Journal of Neurochemistry</i> , 1997, 69, 53-59.	2.1	70

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19	Prevention of Peroxynitrite-induced Apoptosis of Motor Neurons and PC12 Cells by Tyrosine-containing Peptides. <i>Journal of Biological Chemistry</i> , 2007, 282, 6324-6337.	1.6	53
20	Liposome-delivered superoxide dismutase prevents nitric oxide-dependent motor neuron death induced by trophic factor withdrawal. <i>Free Radical Biology and Medicine</i> , 2000, 28, 437-446.	1.3	49
21	Cellular mechanisms of peroxynitrite-induced neuronal death. <i>Brain Research Bulletin</i> , 2017, 133, 4-11.	1.4	47
22	Targeting Extracellular Cyclophilin A Reduces Neuroinflammation and Extends Survival in a Mouse Model of Amyotrophic Lateral Sclerosis. <i>Journal of Neuroscience</i> , 2017, 37, 1413-1427.	1.7	42
23	Cu,Zn-Superoxide Dismutase Increases Toxicity of Mutant and Zinc-deficient Superoxide Dismutase by Enhancing Protein Stability*. <i>Journal of Biological Chemistry</i> , 2010, 285, 33885-33897.	1.6	37
24	Tyrosine nitration as mediator of cell death. <i>Cellular and Molecular Life Sciences</i> , 2014, 71, 3939-3950.	2.4	37
25	Interactions between beta-neuregulin and neurotrophins in motor neuron apoptosis. <i>Journal of Neurochemistry</i> , 2006, 97, 222-233.	2.1	34
26	Nitration of Hsp90 on Tyrosine 33 Regulates Mitochondrial Metabolism. <i>Journal of Biological Chemistry</i> , 2015, 290, 19055-19066.	1.6	34
27	Enhancement of Peroxynitrite-Induced Apoptosis in PC12 Cells by Fibroblast Growth Factor-1 and Nerve Growth Factor Requires p21Ras Activation and Is Suppressed by Bcl-2. <i>Archives of Biochemistry and Biophysics</i> , 1998, 356, 41-45.	1.4	33
28	Differential sensitivity of oligodendrocytes and motor neurons to reactive nitrogen species: implications for multiple sclerosis. <i>Journal of Neurochemistry</i> , 2009, 109, 93-104.	2.1	22
29	Cyclic guanosine 5' monophosphate (GMP) prevents expression of neuronal nitric oxide synthase and apoptosis in motor neurons deprived of trophic factors in rats. <i>Neuroscience Letters</i> , 2002, 326, 201-205.	1.0	21
30	Nitric oxide and peroxynitrite in the perinatal period. <i>Seminars in Perinatology</i> , 2000, 24, 37-41.	1.1	20
31	Chronic inhibitory effect of riluzole on trophic factor production. <i>Experimental Neurology</i> , 2015, 271, 301-307.	2.0	13
32	Peroxynitrite nitration of Tyr 56 in Hsp90 induces PC12 cell death through P2X7R-dependent PTEN activation. <i>Redox Biology</i> , 2022, 50, 102247.	3.9	10
33	Peroxynitrite and Cell Signaling. , 1997, , 32-51.		7
34	Tunicamycin inhibits the initiation of DNA synthesis stimulated by prostaglandin F ₂ in Swiss mouse 3T3 cells. <i>FEBS Letters</i> , 1991, 290, 239-242.	1.3	5
35	Ligand-independent activation of the P2X7 receptor by Hsp90 inhibition stimulates motor neuron apoptosis. <i>Experimental Biology and Medicine</i> , 2019, 244, 901-914.	1.1	5
36	Nitric Oxide Toxicity in Neuronal Injury and Degeneration. , 2000, , 262-278.		4

#	ARTICLE	IF	CITATIONS
37	Good science shows the way. <i>Free Radical Biology and Medicine</i> , 2007, 43, 163-164.	1.3	1
38	Nitrated Hsp90 Regulates Mitochondrial Membrane Potential and Oxygen Consumption in Cancer Cells. <i>Free Radical Biology and Medicine</i> , 2012, 53, S42-S43.	1.3	0
39	Nitrated Hsp90 Supports Glioblastoma Multiforme Cell Survival and Migration. <i>FASEB Journal</i> , 2022, 36, .	0.2	0
40	A Computational Method for the Visualization of Nitrated Hsp90 Distribution in 3D Culture Models. <i>FASEB Journal</i> , 2022, 36, .	0.2	0