Ana Patricia FernÃ¡ndez FernÃ¡ndez

List of Publications by Year
in descending order

54 papers	2,490 citations	218677 26 h-index	206112 48 g-index
55 all docs	55 docs citations	55 times ranked	3071 citing authors

#	Article	IF	Citations
1	Neuronâ€“astrocyte signaling is preserved in the aging brain. Glia, 2017, 65, 569-580.	4.9	89
2	The proof-of-concept of ASS234: Peripherally administered ASS234 enters the central nervous system and reduces pathology in a male mouse model of Alzheimer disease. Journal of Psychiatry and Neuroscience, 2017, 42, 59-69.	2.4	21
3	Adrenomedullin Expression in Alzheimer's Brain. Current Alzheimer Research, 2016, 13, 428-438.	1.4	14
4	DonepezilÂ+ÂpropargylamineÂ+Â8-hydroxyquinoline hybrids as new multifunctional metal-chelators, ChE and MAO inhibitors for the potential treatment of Alzheimer's disease. European Journal of Medicinal Chemistry, 2014, 80, 543-561.	5.5	128
5	New synthesis and promising neuroprotective role in experimental ischemic stroke of ONO-1714. European Journal of Medicinal Chemistry, 2012, 54, 439-446.	5.5	12
6	Neural differentiation of transplanted neural stem cells in a rat model of striatal lacunar infarction: light and electron microscopic observations. Frontiers in Cellular Neuroscience, 2012, 6, 30.	3.7	17
7	Hypothermia prevents nitric oxide system changes in retina induced by severe perinatal asphyxia. Journal of Neuroscience Research, 2011, 89, 729-743.	2.9	16
8	Lack of adrenomedullin affects growth and differentiation of adult neural stem/progenitor cells. Cell and Tissue Research, 2010, 340, 1-11.	2.9	24
9	High sensitivity to carcinogens in the brain of a mouse model of Alzheimer's disease. Oncogene, 2010, 29, 2165-2171.	5.9	27
10	Lack of Adrenomedullin in the Central Nervous System Results in Apparently Paradoxical Alterations on Pain Sensitivity. Endocrinology, 2010, 151, 4908-4915.	2.8	27
11	Nitric Oxide: Target for Therapeutic Strategies in Alzheimers Disease. Current Pharmaceutical Design, 2010, 16, 2837-2850.	1.9	34
12	Lack of adrenomedullin, but not complement factor H, results in larger infarct size and more extensive brain damage in a focal ischemia model. Neuroscience, 2010, 171, 885-892.	2.3	21
13	Whole-body periodic acceleration reduces brain damage in a focal ischemia model. Neuroscience, 2009, 158, 1390-1396.	2.3	9
14	Adrenomedullin Expression is Up-regulated by Acute Hypobaric Hypoxia in the Cerebral Cortex of the Adult Rat. Brain Pathology, 2008, 18, 434-442.	4.1	12
15	Lack of adrenomedullin in the mouse brain results in behavioral changes, anxiety, and lower survival under stress conditions. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 12581-12586.	7.1	57
16	Changes in the Expression Pattern of the Nitrergic System of Ovine Cerebellum Affected by Scrapie. Journal of Neuropathology and Experimental Neurology, 2007, 66, 196-207.	1.7	6
17	The nitric oxide donor LA 419 decreases brain damage in a focal ischemia model. Neuroscience Letters, 2007, 415, 149-153.	2.1	23
18	Role of peroxynitrite in endothelial damage mediated by Cyclosporine A. Free Radical Biology and Medicine, 2007, 42, 394-403.	2.9	41

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19	The nitric oxide donor LA 419 decreases ischemic brain damage. International Journal of Molecular Medicine, 2007, 19, 229-36.	4.0	7
20	Cardiovascular and renal alterations on the nitric oxide pathway in spontaneous hypertension and ageing. Clinical Hemorheology and Microcirculation, 2007, 37, 149-56.	1.7	14
21	Distribution and expression pattern of the nitrergic system in the cerebellum of the sheep. Neuroscience, 2006, 139, 889-898.	2.3	11
22	Effects of acute hypobaric hypoxia on the nitric oxide system of the rat cerebral cortex: Protective role of nitric oxide inhibitors. Neuroscience, 2006, 142, 799-808.	2.3	25
23	Matrix metalloproteinase 13 mediates nitric oxide activation of endothelial cell migration. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 3685-3690.	7.1	80
24	Nitric oxide in the rat cerebellum after hypoxia/ischemia. Cerebellum, 2004, 3, 194-203.	2.5	14
25	Nitric oxide synthase and NADPH-diaphorase after acute hypobaric hypoxia in the rat caudate putamen. Experimental Neurology, 2004, 186, 33-45.	4.1	25
26	Nitric oxide in the cerebral cortex of amyloid-precursor protein (SW) Tg2576 transgenic mice. Neuroscience, 2004, 128, 73-89.	2.3	68
27	Expression of nitric oxide system in clinically evaluated cases of Alzheimer's disease. Neurobiology of Disease, 2004, 15, 287-305.	4.4	110
28	Hypobaric hypoxia modifies constitutive nitric oxide synthase activity and protein nitration in the rat cerebellum. Brain Research, 2003, 976, 109-119.	2.2	42
29	Postnatal changes in the nitric oxide system of the rat cerebral cortex after hypoxia during delivery. Developmental Brain Research, 2003, 142, 177-192.	1.7	29
30	Distribution of immunoreactivity for the adrenomedullin binding protein, complement factor H, in the rat brain. Neuroscience, 2003, 116, 947-962.	2.3	16
31	Expression of nitrergic system and protein nitration in adult rat brains submitted to acute hypobaric hypoxia. Nitric Oxide - Biology and Chemistry, 2003, 8, 182-201.	2.7	24
32	Induction of Cyclooxygenase-2 Accounts for Restraint Stress-Induced Oxidative Status in Rat Brain. Neuropsychopharmacology, 2003, 28, 1579-1588.	5.4	127
33	Nitric Oxide System and Protein Nitration are Modified by an Acute Hypobaric Hypoxia in the Adult Rat Hippocampus. Journal of Neuropathology and Experimental Neurology, 2003, 62, 863-877.	1.7	16
34	Distribution of nitric oxide synthases and nitrotyrosine in the kidney of spontaneously hypertensive rats. Journal of Hypertension, 2003, 21, 2375-2388.	0.5	21
35	Adrenomedullin expression is up-regulated by ischemiaâ€“reperfusion in the cerebral cortex of the adult rat. Neuroscience, 2002, 109, 717-731.	2.3	53
36	Coexistence of translocated cytochrome c and nitrated protein in neurons of the rat cerebral cortex after oxygen and glucose deprivation. Neuroscience, 2002, 111, 47-56.	2.3	38

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37	Adrenomedullin over-expression in the caudate-putamen of the adult rat brain after ischaemiaâ€“reperfusion injury. Neuroscience Letters, 2002, 329, 197-200.	2.1	12
38	Adrenomedullin in the central nervous system. Microscopy Research and Technique, 2002, 57, 76-90.	2.2	47
39	Effects of oxygen and glucose deprivation on the expression and distribution of neuronal and inducible nitric oxide synthases and on protein nitration in rat cerebral cortex. Journal of Comparative Neurology, 2002, 443, 183-200.	1.6	58
40	Chronic Stress Induces the Expression of Inducible Nitric Oxide Synthase in Rat Brain Cortex. Journal of Neurochemistry, 2001, 74, 785-791.	3.9	199
41	Neuronal nitric oxide synthase immunoreactivity in the guineaâ€pig liver: distribution and colocalization with neuropeptide Y and calcitonin geneâ€related peptide. Liver, 2001, 21, 374-379.	0.1	12
42	Neuronal and inducible nitric oxide synthase expression and protein nitration in rat cerebellum after oxygen and glucose deprivation. Brain Research, 2001, 909, 20-45.	2.2	93
43	Distribution of adrenomedullin-like immunoreactivity in the rat central nervous system by light and electron microscopy. Brain Research, 2000, 853, 245-268.	2.2	101
44	Up-regulation of neuronal NO synthase immunoreactivity in opiate dependence and withdrawal. Psychopharmacology, 2000, 148, 66-73.	3.1	66
45	Selective nitrergic neurodegeneration in diabetes mellitusâ€“a nitric oxideâ€dependent phenomenon. British Journal of Pharmacology, 1999, 128, 1804-1812.	5.4	159
46	Expression of neuronal nitric oxide synthase during embryonic development of the rat cerebral cortex. Developmental Brain Research, 1998, 111, 205-222.	1.7	51
47	Neuronal and inducible nitric oxide synthase and nitrotyrosine immunoreactivities in the cerebral cortex of the aging rat. , 1998, 43, 75-88.		115
48	Subcellular localization of low-affinity nerve growth factor receptor-immunoreactive protein in adult rat purkinje cells following traumatic injury. Experimental Brain Research, 1998, 119, 47-57.	1.5	17
49	Neuronal expression of inducible nitric oxide synthase after oxygen and glucose deprivation in rat forebrain slices. European Journal of Neuroscience, 1998, 10, 445-456.	2.6	111
50	Distribution of nitric oxide synthase in the esophagus of the cat and monkey. Journal of the Autonomic Nervous System, 1998, 70, 164-179.	1.9	29
51	Distribution of catecholaminergic afferent fibres in the rat globus pallidus and their relations with cholinergic neurons. Journal of Chemical Neuroanatomy, 1998, 15, 1-20.	2.1	26
52	Expression of the calcium-independent cytokine-inducible (iNOS) isoform of nitric oxide synthase in rat placenta. Biochemical Journal, 1997, 324, 201-207.	3.7	21
53	Distribution of neuronal nitric oxide synthase in the rat liver. Neuroscience Letters, 1997, 226, 99-102.	2.1	31
54	Subcellular localization of nitric oxide synthase in the cerebral ventricular system, subfornical organ, area postrema, and blood vessels of the rat brain. , 1997, 378, 522-534.		44