

# Ana Patricia Fernández Fernández

## List of Publications by Year in descending order

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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	Chronic Stress Induces the Expression of Inducible Nitric Oxide Synthase in Rat Brain Cortex. <i>Journal of Neurochemistry</i> , 2001, 74, 785-791.	3.9	199
2	Selective nitrenergic neurodegeneration in diabetes mellitusâ€“a nitric oxideâ€“dependent phenomenon. <i>British Journal of Pharmacology</i> , 1999, 128, 1804-1812.	5.4	159
3	Donepezil+Â-propargylamine+Â-8-hydroxyquinoline hybrids as new multifunctional metal-chelators, ChE and MAO inhibitors for the potential treatment of Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , 2014, 80, 543-561.	5.5	128
4	Induction of Cyclooxygenase-2 Accounts for Restraint Stress-Induced Oxidative Status in Rat Brain. <i>Neuropsychopharmacology</i> , 2003, 28, 1579-1588.	5.4	127
5	Neuronal and inducible nitric oxide synthase and nitrotyrosine immunoreactivities in the cerebral cortex of the aging rat. , 1998, 43, 75-88.		115
6	Neuronal expression of inducible nitric oxide synthase after oxygen and glucose deprivation in rat forebrain slices. <i>European Journal of Neuroscience</i> , 1998, 10, 445-456.	2.6	111
7	Expression of nitric oxide system in clinically evaluated cases of Alzheimer's disease. <i>Neurobiology of Disease</i> , 2004, 15, 287-305.	4.4	110
8	Distribution of adrenomedullin-like immunoreactivity in the rat central nervous system by light and electron microscopy. <i>Brain Research</i> , 2000, 853, 245-268.	2.2	101
9	Neuronal and inducible nitric oxide synthase expression and protein nitration in rat cerebellum after oxygen and glucose deprivation. <i>Brain Research</i> , 2001, 909, 20-45.	2.2	93
10	Neuronâ€“astrocyte signaling is preserved in the aging brain. <i>Glia</i> , 2017, 65, 569-580.	4.9	89
11	Matrix metalloproteinase 13 mediates nitric oxide activation of endothelial cell migration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 3685-3690.	7.1	80
12	Nitric oxide in the cerebral cortex of amyloid-precursor protein (SW) Tg2576 transgenic mice. <i>Neuroscience</i> , 2004, 128, 73-89.	2.3	68
13	Up-regulation of neuronal NO synthase immunoreactivity in opiate dependence and withdrawal. <i>Psychopharmacology</i> , 2000, 148, 66-73.	3.1	66
14	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. <i>Journal of Comparative Neurology</i> , 2002, 443, 183-200.	1.6	58
15	Lack of adrenomedullin in the mouse brain results in behavioral changes, anxiety, and lower survival under stress conditions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 12581-12586.	7.1	57
16	Adrenomedullin expression is up-regulated by ischemiaâ€“reperfusion in the cerebral cortex of the adult rat. <i>Neuroscience</i> , 2002, 109, 717-731.	2.3	53
17	Expression of neuronal nitric oxide synthase during embryonic development of the rat cerebral cortex. <i>Developmental Brain Research</i> , 1998, 111, 205-222.	1.7	51
18	Adrenomedullin in the central nervous system. <i>Microscopy Research and Technique</i> , 2002, 57, 76-90.	2.2	47

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19	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
20	Hypobaric hypoxia modifies constitutive nitric oxide synthase activity and protein nitration in the rat cerebellum. Brain Research, 2003, 976, 109-119.	2.2	42
21	Role of peroxynitrite in endothelial damage mediated by Cyclosporine A. Free Radical Biology and Medicine, 2007, 42, 394-403.	2.9	41
22	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
23	Nitric Oxide: Target for Therapeutic Strategies in Alzheimers Disease. Current Pharmaceutical Design, 2010, 16, 2837-2850.	1.9	34
24	Distribution of neuronal nitric oxide synthase in the rat liver. Neuroscience Letters, 1997, 226, 99-102.	2.1	31
25	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
26	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
27	High sensitivity to carcinogens in the brain of a mouse model of Alzheimer's disease. Oncogene, 2010, 29, 2165-2171.	5.9	27
28	Lack of Adrenomedullin in the Central Nervous System Results in Apparently Paradoxical Alterations on Pain Sensitivity. Endocrinology, 2010, 151, 4908-4915.	2.8	27
29	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
30	Nitric oxide synthase and NADPH-diaphorase after acute hypobaric hypoxia in the rat caudate putamen. Experimental Neurology, 2004, 186, 33-45.	4.1	25
31	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
32	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
33	Lack of adrenomedullin affects growth and differentiation of adult neural stem/progenitor cells. Cell and Tissue Research, 2010, 340, 1-11.	2.9	24
34	The nitric oxide donor LA 419 decreases brain damage in a focal ischemia model. Neuroscience Letters, 2007, 415, 149-153.	2.1	23
35	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
36	Distribution of nitric oxide synthases and nitrotyrosine in the kidney of spontaneously hypertensive rats. Journal of Hypertension, 2003, 21, 2375-2388.	0.5	21

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37	Lack of adrenomedullin, but not complement factor H, results in larger infarct size and more extensive brain damage in a focal ischemia model. <i>Neuroscience</i> , 2010, 171, 885-892.	2.3	21
38	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. <i>Journal of Psychiatry and Neuroscience</i> , 2017, 42, 59-69.	2.4	21
39	Subcellular localization of low-affinity nerve growth factor receptor-immunoreactive protein in adult rat purkinje cells following traumatic injury. <i>Experimental Brain Research</i> , 1998, 119, 47-57.	1.5	17
40	Neural differentiation of transplanted neural stem cells in a rat model of striatal lacunar infarction: light and electron microscopic observations. <i>Frontiers in Cellular Neuroscience</i> , 2012, 6, 30.	3.7	17
41	Distribution of immunoreactivity for the adrenomedullin binding protein, complement factor H, in the rat brain. <i>Neuroscience</i> , 2003, 116, 947-962.	2.3	16
42	Nitric Oxide System and Protein Nitration are Modified by an Acute Hypobaric Hypoxia in the Adult Rat Hippocampus. <i>Journal of Neuropathology and Experimental Neurology</i> , 2003, 62, 863-877.	1.7	16
43	Hypothermia prevents nitric oxide system changes in retina induced by severe perinatal asphyxia. <i>Journal of Neuroscience Research</i> , 2011, 89, 729-743.	2.9	16
44	Nitric oxide in the rat cerebellum after hypoxia/ischemia. <i>Cerebellum</i> , 2004, 3, 194-203.	2.5	14
45	Adrenomedullin Expression in Alzheimer's Brain. <i>Current Alzheimer Research</i> , 2016, 13, 428-438.	1.4	14
46	Cardiovascular and renal alterations on the nitric oxide pathway in spontaneous hypertension and ageing. <i>Clinical Hemorheology and Microcirculation</i> , 2007, 37, 149-56.	1.7	14
47	Neuronal nitric oxide synthase immunoreactivity in the guinea pig liver: distribution and colocalization with neuropeptide Y and calcitonin gene-related peptide. <i>Liver</i> , 2001, 21, 374-379.	0.1	12
48	Adrenomedullin over-expression in the caudate-putamen of the adult rat brain after ischaemia-reperfusion injury. <i>Neuroscience Letters</i> , 2002, 329, 197-200.	2.1	12
49	Adrenomedullin Expression is Up-regulated by Acute Hypobaric Hypoxia in the Cerebral Cortex of the Adult Rat. <i>Brain Pathology</i> , 2008, 18, 434-442.	4.1	12
50	New synthesis and promising neuroprotective role in experimental ischemic stroke of ONO-1714. <i>European Journal of Medicinal Chemistry</i> , 2012, 54, 439-446.	5.5	12
51	Distribution and expression pattern of the nitrergic system in the cerebellum of the sheep. <i>Neuroscience</i> , 2006, 139, 889-898.	2.3	11
52	Whole-body periodic acceleration reduces brain damage in a focal ischemia model. <i>Neuroscience</i> , 2009, 158, 1390-1396.	2.3	9
53	The nitric oxide donor LA 419 decreases ischemic brain damage. <i>International Journal of Molecular Medicine</i> , 2007, 19, 229-36.	4.0	7
54	Changes in the Expression Pattern of the Nitrergic System of Ovine Cerebellum Affected by Scrapie. <i>Journal of Neuropathology and Experimental Neurology</i> , 2007, 66, 196-207.	1.7	6