

Ana Patricia Fernández Fernández

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

2,490
citations

218381

26
h-index

205818

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. <i>Glia</i> , 2017, 65, 569-580. | 2.5 | 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. <i>Journal of Psychiatry and Neuroscience</i> , 2017, 42, 59-69. | 1.4 | 21 |
| 3 | Adrenomedullin Expression in Alzheimer's Brain. <i>Current Alzheimer Research</i> , 2016, 13, 428-438. | 0.7 | 14 |
| 4 | Donepezil+âpropargylamine+â8-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. | 2.6 | 128 |
| 5 | New synthesis and promising neuroprotective role in experimental ischemic stroke of ONO-1714. <i>European Journal of Medicinal Chemistry</i> , 2012, 54, 439-446. | 2.6 | 12 |
| 6 | 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. | 1.8 | 17 |
| 7 | Hypothermia prevents nitric oxide system changes in retina induced by severe perinatal asphyxia. <i>Journal of Neuroscience Research</i> , 2011, 89, 729-743. | 1.3 | 16 |
| 8 | Lack of adrenomedullin affects growth and differentiation of adult neural stem/progenitor cells. <i>Cell and Tissue Research</i> , 2010, 340, 1-11. | 1.5 | 24 |
| 9 | High sensitivity to carcinogens in the brain of a mouse model of Alzheimer's disease. <i>Oncogene</i> , 2010, 29, 2165-2171. | 2.6 | 27 |
| 10 | Lack of Adrenomedullin in the Central Nervous System Results in Apparently Paradoxical Alterations on Pain Sensitivity. <i>Endocrinology</i> , 2010, 151, 4908-4915. | 1.4 | 27 |
| 11 | Nitric Oxide: Target for Therapeutic Strategies in Alzheimers Disease. <i>Current Pharmaceutical Design</i> , 2010, 16, 2837-2850. | 0.9 | 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. <i>Neuroscience</i> , 2010, 171, 885-892. | 1.1 | 21 |
| 13 | Whole-body periodic acceleration reduces brain damage in a focal ischemia model. <i>Neuroscience</i> , 2009, 158, 1390-1396. | 1.1 | 9 |
| 14 | 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. | 2.1 | 12 |
| 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. | 3.3 | 57 |
| 16 | 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. | 0.9 | 6 |
| 17 | The nitric oxide donor LA 419 decreases brain damage in a focal ischemia model. <i>Neuroscience Letters</i> , 2007, 415, 149-153. | 1.0 | 23 |
| 18 | Role of peroxynitrite in endothelial damage mediated by Cyclosporine A. <i>Free Radical Biology and Medicine</i> , 2007, 42, 394-403. | 1.3 | 41 |

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|----|--|-----|-----------|
| 19 | The nitric oxide donor LA 419 decreases ischemic brain damage. <i>International Journal of Molecular Medicine</i> , 2007, 19, 229-36. | 1.8 | 7 |
| 20 | Cardiovascular and renal alterations on the nitric oxide pathway in spontaneous hypertension and ageing. <i>Clinical Hemorheology and Microcirculation</i> , 2007, 37, 149-56. | 0.9 | 14 |
| 21 | Distribution and expression pattern of the nitrergic system in the cerebellum of the sheep. <i>Neuroscience</i> , 2006, 139, 889-898. | 1.1 | 11 |
| 22 | Effects of acute hypobaric hypoxia on the nitric oxide system of the rat cerebral cortex: Protective role of nitric oxide inhibitors. <i>Neuroscience</i> , 2006, 142, 799-808. | 1.1 | 25 |
| 23 | 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. | 3.3 | 80 |
| 24 | Nitric oxide in the rat cerebellum after hypoxia/ischemia. <i>Cerebellum</i> , 2004, 3, 194-203. | 1.4 | 14 |
| 25 | Nitric oxide synthase and NADPH-diaphorase after acute hypobaric hypoxia in the rat caudate putamen. <i>Experimental Neurology</i> , 2004, 186, 33-45. | 2.0 | 25 |
| 26 | Nitric oxide in the cerebral cortex of amyloid-precursor protein (SW) Tg2576 transgenic mice. <i>Neuroscience</i> , 2004, 128, 73-89. | 1.1 | 68 |
| 27 | Expression of nitric oxide system in clinically evaluated cases of Alzheimer's disease. <i>Neurobiology of Disease</i> , 2004, 15, 287-305. | 2.1 | 110 |
| 28 | Hypobaric hypoxia modifies constitutive nitric oxide synthase activity and protein nitration in the rat cerebellum. <i>Brain Research</i> , 2003, 976, 109-119. | 1.1 | 42 |
| 29 | Postnatal changes in the nitric oxide system of the rat cerebral cortex after hypoxia during delivery. <i>Developmental Brain Research</i> , 2003, 142, 177-192. | 2.1 | 29 |
| 30 | Distribution of immunoreactivity for the adrenomedullin binding protein, complement factor H, in the rat brain. <i>Neuroscience</i> , 2003, 116, 947-962. | 1.1 | 16 |
| 31 | Expression of nitrergic system and protein nitration in adult rat brains submitted to acute hypobaric hypoxia. <i>Nitric Oxide - Biology and Chemistry</i> , 2003, 8, 182-201. | 1.2 | 24 |
| 32 | Induction of Cyclooxygenase-2 Accounts for Restraint Stress-Induced Oxidative Status in Rat Brain. <i>Neuropsychopharmacology</i> , 2003, 28, 1579-1588. | 2.8 | 127 |
| 33 | 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. | 0.9 | 16 |
| 34 | Distribution of nitric oxide synthases and nitrotyrosine in the kidney of spontaneously hypertensive rats. <i>Journal of Hypertension</i> , 2003, 21, 2375-2388. | 0.3 | 21 |
| 35 | Adrenomedullin expression is up-regulated by ischemia-reperfusion in the cerebral cortex of the adult rat. <i>Neuroscience</i> , 2002, 109, 717-731. | 1.1 | 53 |
| 36 | Coexistence of translocated cytochrome c and nitrated protein in neurons of the rat cerebral cortex after oxygen and glucose deprivation. <i>Neuroscience</i> , 2002, 111, 47-56. | 1.1 | 38 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Adrenomedullin over-expression in the caudate-putamen of the adult rat brain after ischaemia–reperfusion injury. <i>Neuroscience Letters</i> , 2002, 329, 197-200. | 1.0 | 12 |
| 38 | Adrenomedullin in the central nervous system. <i>Microscopy Research and Technique</i> , 2002, 57, 76-90. | 1.2 | 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. <i>Journal of Comparative Neurology</i> , 2002, 443, 183-200. | 0.9 | 58 |
| 40 | Chronic Stress Induces the Expression of Inducible Nitric Oxide Synthase in Rat Brain Cortex. <i>Journal of Neurochemistry</i> , 2001, 74, 785-791. | 2.1 | 199 |
| 41 | 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 |
| 42 | 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. | 1.1 | 93 |
| 43 | Distribution of adrenomedullin-like immunoreactivity in the rat central nervous system by light and electron microscopy. <i>Brain Research</i> , 2000, 853, 245-268. | 1.1 | 101 |
| 44 | Up-regulation of neuronal NO synthase immunoreactivity in opiate dependence and withdrawal. <i>Psychopharmacology</i> , 2000, 148, 66-73. | 1.5 | 66 |
| 45 | Selective nitrergic neurodegeneration in diabetes mellitus-a nitric oxide-dependent phenomenon. <i>British Journal of Pharmacology</i> , 1999, 128, 1804-1812. | 2.7 | 159 |
| 46 | Expression of neuronal nitric oxide synthase during embryonic development of the rat cerebral cortex. <i>Developmental Brain Research</i> , 1998, 111, 205-222. | 2.1 | 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. <i>Experimental Brain Research</i> , 1998, 119, 47-57. | 0.7 | 17 |
| 49 | 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. | 1.2 | 111 |
| 50 | Distribution of nitric oxide synthase in the esophagus of the cat and monkey. <i>Journal of the Autonomic Nervous System</i> , 1998, 70, 164-179. | 1.9 | 29 |
| 51 | Distribution of catecholaminergic afferent fibres in the rat globus pallidus and their relations with cholinergic neurons. <i>Journal of Chemical Neuroanatomy</i> , 1998, 15, 1-20. | 1.0 | 26 |
| 52 | Expression of the calcium-independent cytokine-inducible (iNOS) isoform of nitric oxide synthase in rat placenta. <i>Biochemical Journal</i> , 1997, 324, 201-207. | 1.7 | 21 |
| 53 | Distribution of neuronal nitric oxide synthase in the rat liver. <i>Neuroscience Letters</i> , 1997, 226, 99-102. | 1.0 | 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 |