

M T Fernández-Sánchez

List of Publications by Year in descending order

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41
papers

997
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430754

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1002
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Aluminum-induced degeneration of astrocytes occurs via apoptosis and results in neuronal death. <i>Brain Research</i> , 1999, 835, 125-136. | 1.1 | 125 |
| 2 | Domoic acid-containing toxic mussels produce neurotoxicity in neuronal cultures through a synergism between excitatory amino acids. <i>Brain Research</i> , 1992, 577, 41-48. | 1.1 | 81 |
| 3 | Basic fibroblast growth factor protects cerebellar neurons in primary culture from NMDA and non-NMDA receptor mediated neurotoxicity. <i>FEBS Letters</i> , 1993, 335, 124-131. | 1.3 | 78 |
| 4 | Potent Neurotoxic Action of the Shellfish Biotxin Yessotoxin on Cultured Cerebellar Neurons. <i>Toxicological Sciences</i> , 2006, 90, 168-177. | 1.4 | 61 |
| 5 | Nefopam inhibits calcium influx, cGMP formation, and NMDA receptor-dependent neurotoxicity following activation of voltage sensitive calcium channels. <i>Amino Acids</i> , 2005, 28, 183-191. | 1.2 | 48 |
| 6 | Inhibition of protein phosphatases induces IGF-1-blocked neurotrophin-insensitive neuronal apoptosis. <i>FEBS Letters</i> , 1996, 398, 106-112. | 1.3 | 45 |
| 7 | Competitive electrochemical immunosensor for the detection of unfolded p53 protein in blood as biomarker for Alzheimer's disease. <i>Analytica Chimica Acta</i> , 2020, 1093, 28-34. | 2.6 | 40 |
| 8 | Belizentrin, a Highly Bioactive Macrocycle from the Dinoflagellate <i>Prorocentrum belizeanum</i> . <i>Organic Letters</i> , 2014, 16, 4546-4549. | 2.4 | 38 |
| 9 | Neuronal Sensitization and Its Behavioral Correlates in a Rat Model of Neuropathy Are Prevented by a Cyclic Analog of Orphenadrine. <i>Journal of Neurotrauma</i> , 2003, 20, 593-601. | 1.7 | 37 |
| 10 | Nefopam, an analogue of orphenadrine, protects against both NMDA receptor-dependent and independent veratridine-induced neurotoxicity. <i>Amino Acids</i> , 2002, 23, 31-36. | 1.2 | 35 |
| 11 | Comparison of Extracellular and Intracellular Blood Compartments Highlights Redox Alterations in Alzheimer's and Mild Cognitive Impairment Patients. <i>Current Alzheimer Research</i> , 2016, 14, 112-122. | 0.7 | 33 |
| 12 | Inhibition of protein phosphatases impairs the ability of astrocytes to detoxify hydrogen peroxide. <i>Free Radical Biology and Medicine</i> , 2008, 44, 1806-1816. | 1.3 | 31 |
| 13 | Antihistamine terfenadine potentiates NMDA receptor-mediated calcium influx, oxygen radical formation, and neuronal death. <i>Brain Research</i> , 2000, 880, 17-27. | 1.1 | 24 |
| 14 | Novel effect of nefopam preventing cGMP increase, oxygen radical formation and neuronal death induced by veratridine. <i>Neuropharmacology</i> , 2001, 41, 935-942. | 2.0 | 22 |
| 15 | Na ⁺ /K ⁺ -ATPase inhibitor palytoxin enhances vulnerability of cultured cerebellar neurons to domoic acid via sodium-dependent mechanisms. <i>Journal of Neurochemistry</i> , 2010, 114, 28-38. | 2.1 | 21 |
| 16 | The high affinity murine laminin receptor is a member of a multicopy gene family. <i>Biochemical and Biophysical Research Communications</i> , 1991, 175, 84-90. | 1.0 | 19 |
| 17 | The Marine Toxin Dinophysistoxin-2 Induces Differential Apoptotic Death of Rat Cerebellar Neurons and Astrocytes. <i>Toxicological Sciences</i> , 2004, 80, 74-82. | 1.4 | 19 |
| 18 | Neurotoxic Effect of Okadaic Acid, A Seafood-related Toxin, on Cultured Cerebellar Neurons. <i>Annals of the New York Academy of Sciences</i> , 1993, 679, 260-269. | 1.8 | 18 |

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|----|--|-----|-----------|
| 19 | β -Amyloid precursor protein (β APP) in human gut with special reference to the enteric nervous system. Brain Research Bulletin, 1995, 38, 417-423. | 1.4 | 18 |
| 20 | Purification of isocitrate lyase from <i>Saccharomyces cerevisiae</i> . Yeast, 1988, 4, 41-46. | 0.8 | 17 |
| 21 | Nefopam is more potent than carbamazepine for neuroprotection against veratridine in vitro and has anticonvulsant properties against both electrical and chemical stimulation. Amino Acids, 2007, 32, 323-332. | 1.2 | 16 |
| 22 | Hexokinase PII from <i>Saccharomyces cerevisiae</i> is regulated by changes in the cytosolic Mg^{2+} -free ATP concentration. FEBS Journal, 1986, 161, 565-569. | 0.2 | 14 |
| 23 | Expression of β -amyloid precursor protein (APP) in human dorsal root ganglia. Neuroscience Letters, 1994, 181, 73-77. | 1.0 | 14 |
| 24 | Seventeen copies of the human 37 kDa laminin receptor precursor/p40 ribosome-associated protein gene are processed pseudogenes arisen from retropositional events. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 1996, 1305, 98-104. | 2.4 | 13 |
| 25 | Terfenadine prevents NMDA receptor-dependent and -independent toxicity following sodium channel activation. Brain Research, 1999, 842, 478-481. | 1.1 | 13 |
| 26 | Magnetic Lateral Flow Immunoassay for Small Extracellular Vesicles Quantification: Application to Colorectal Cancer Biomarker Detection. Sensors, 2021, 21, 3756. | 2.1 | 12 |
| 27 | RNA synthesis-dependent potentiation of β -amino-3-hydroxy-5-methyl-4-isoxazole propionate receptor-mediated toxicity by antihistamine terfenadine in cultured rat cerebellar neurons. Neuroscience Letters, 2003, 345, 136-140. | 1.0 | 11 |
| 28 | Terfenadine induces toxicity in cultured cerebellar neurons: A role for glutamate receptors. Amino Acids, 1999, 16, 59-70. | 1.2 | 10 |
| 29 | Comparison of the in vitro and in vivo neurotoxicity of three new sources of kainic acid. Amino Acids, 2002, 23, 45-54. | 1.2 | 10 |
| 30 | Tyrosine kinase A, C and fibroblast growth factor-2 receptors in bovine embryos cultured in vitro. Theriogenology, 2009, 71, 1005-1010. | 0.9 | 10 |
| 31 | Unfolded p53 as a Marker of Oxidative Stress in Mild Cognitive Impairment, Alzheimer's and Parkinson's Disease. Current Alzheimer Research, 2021, 18, 695-700. | 0.7 | 10 |
| 32 | β -Amyloid precursor protein in human digital skin. Neuroscience Letters, 1995, 192, 132-136. | 1.0 | 9 |
| 33 | NMDA receptor dependent and independent components of veratridine toxicity in cultured cerebellar neurons are prevented by nanomolar concentrations of terfenadine. Amino Acids, 2000, 19, 263-272. | 1.2 | 9 |
| 34 | Comparative Toxicological Study of the Novel Protein Phosphatase Inhibitor 19-Epi-Okadaic Acid in Primary Cultures of Rat Cerebellar Cells. Toxicological Sciences, 2013, 132, 409-418. | 1.4 | 7 |
| 35 | Selective Enhancement of Domoic Acid Toxicity in Primary Cultures of Cerebellar Granule Cells by Lowering Extracellular Na^+ Concentration. Toxicological Sciences, 2018, 161, 103-114. | 1.4 | 7 |
| 36 | Glutamate and Neurodegeneration. , 2005, , 447-472. | | 7 |

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|----|--|-----|-----------|
| 37 | The amnesic shellfish poison domoic acid enhances neurotoxicity by excitatory amino acids in cultured neurons. <i>Amino Acids</i> , 1992, 2, 233-244. | 1.2 | 7 |
| 38 | Cellular and Molecular Responses of Cultured Neurons to Stressful Stimuli. <i>Dose-Response</i> , 2011, 9, dose-response.1. | 0.7 | 4 |
| 39 | Two components in neurotoxicity by L-2-amino-3-phosphonopropionate in cultured cerebellar neurons. <i>European Journal of Pharmacology - Environmental Toxicology and Pharmacology Section</i> , 1994, 270, 361-364. | 0.8 | 1 |
| 40 | P3 ¹⁷⁰ : An Open ISOFORM of P53 as an Early Biomarker of Blood Redox Alterations in Alzheimer's Disease: Development of an Easy and Reproducible Assay. <i>Alzheimer's and Dementia</i> , 2016, 12, P884. | 0.4 | 0 |
| 41 | [P3 ²²⁷]: A NEW PUTATIVE EARLY BIOMARKER FOR A BLOOD-BASED TIMELY DIAGNOSIS FOR ALZHEIMER'S DISEASE. <i>Alzheimer's and Dementia</i> , 2017, 13, P1025. | 0.4 | 0 |