

Jaime M Merino

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

983
citations

430874

18
h-index

454955

30
g-index

34
all docs

34
docs citations

34
times ranked

1401
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Aryl Hydrocarbon Receptor: From Homeostasis to Tumor Progression. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 884004. | 3.7 | 8 |
| 2 | Aryl hydrocarbon receptor blocks aging-induced senescence in the liver and fibroblast cells. <i>Aging</i> , 2022, 14, 4281-4304. | 3.1 | 10 |
| 3 | The aryl hydrocarbon receptor promotes differentiation during mouse preimplantational embryo development. <i>Stem Cell Reports</i> , 2021, 16, 2351-2363. | 4.8 | 9 |
| 4 | Alu retrotransposons modulate Nanog expression through dynamic changes in regional chromatin conformation via aryl hydrocarbon receptor. <i>Epigenetics and Chromatin</i> , 2020, 13, 15. | 3.9 | 12 |
| 5 | The aryl hydrocarbon receptor in the crossroad of signalling networks with therapeutic value. , 2018, 185, 50-63. | | 72 |
| 6 | Aryl Hydrocarbon Receptor Promotes Liver Polyploidization and Inhibits PI3K, ERK, and Wnt/ β -Catenin Signaling. <i>IScience</i> , 2018, 4, 44-63. | 4.1 | 26 |
| 7 | Dioxin Receptor Adjusts Liver Regeneration After Acute Toxic Injury and Protects Against Liver Carcinogenesis. <i>Scientific Reports</i> , 2017, 7, 10420. | 3.3 | 25 |
| 8 | Lung regeneration after toxic injury is improved in absence of dioxin receptor. <i>Stem Cell Research</i> , 2017, 25, 61-71. | 0.7 | 21 |
| 9 | AhR-dependent 2,3,7,8-tetrachlorodibenzo-p-dioxin toxicity in human neuronal cell line SHSY5Y. <i>NeuroToxicology</i> , 2016, 56, 55-63. | 3.0 | 12 |
| 10 | Alu retrotransposons promote differentiation of human carcinoma cells through the aryl hydrocarbon receptor. <i>Nucleic Acids Research</i> , 2016, 44, 4665-4683. | 14.5 | 45 |
| 11 | Dioxin receptor regulates aldehyde dehydrogenase to block melanoma tumorigenesis and metastasis. <i>Molecular Cancer</i> , 2015, 14, 148. | 19.2 | 31 |
| 12 | 2,3,7,8-Tetrachlorodibenzo-p-dioxin induces apoptosis by disruption of intracellular calcium homeostasis in human neuronal cell line SHSY5Y. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2012, 17, 1170-1181. | 4.9 | 36 |
| 13 | Aryl hydrocarbon receptor-dependent induction of apoptosis by 2,3,7,8-tetrachlorodibenzo-p-dioxin in cerebellar granule cells from mouse. <i>Journal of Neurochemistry</i> , 2011, 118, 153-162. | 3.9 | 51 |
| 14 | 2,3,7,8-Tetrachlorodibenzo-p-dioxin induces apoptosis in neural growth factor (NGF)-differentiated pheochromocytoma PC12 cells. <i>NeuroToxicology</i> , 2010, 31, 267-276. | 3.0 | 35 |
| 15 | Nerve growth factor increases the sensitivity to zinc toxicity and induces cell cycle arrest in PC12 cells. <i>Brain Research Bulletin</i> , 2010, 81, 458-466. | 3.0 | 19 |
| 16 | The Dioxin Receptor Regulates the Constitutive Expression of the Vav3 Proto-Oncogene and Modulates Cell Shape and Adhesion. <i>Molecular Biology of the Cell</i> , 2009, 20, 1715-1727. | 2.1 | 72 |
| 17 | NMDA-induced neuroprotection in hippocampal neurons is mediated through the protein kinase A and CREB (cAMP-response element-binding protein) pathway. <i>Neurochemistry International</i> , 2008, 53, 148-154. | 3.8 | 42 |
| 18 | Resveratrol-induced apoptosis in MCF7 human breast cancer cells involves a caspase-independent mechanism with downregulation of Bcl2 and NF- κ B. <i>International Journal of Cancer</i> , 2005, 115, 74-84. | 5.1 | 208 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | Small peptides patterned after the N-terminus domain of SNAP25 inhibit SNARE complex assembly and regulated exocytosis. <i>Journal of Neurochemistry</i> , 2004, 88, 124-135. | 3.9 | 39 |
| 20 | Down-regulation of CYP1A2 induction during the maturation of mouse cerebellar granule cells in culture: role of nitric oxide accumulation. <i>European Journal of Neuroscience</i> , 2003, 18, 2265-2272. | 2.6 | 13 |
| 21 | Identification of SNARE complex modulators that inhibit exocytosis from an α -helix-constrained combinatorial library. <i>Biochemical Journal</i> , 2003, 375, 159-166. | 3.7 | 23 |
| 22 | A Novel N-Methyl-d-aspartate Receptor Open Channel Blocker with in Vivo Neuroprotectant Activity. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2002, 302, 163-173. | 2.5 | 41 |
| 23 | Neuroprotection Against Excitotoxicity by N-Alkylglycines in Rat Hippocampal Neurons. <i>NeuroMolecular Medicine</i> , 2002, 2, 271-280. | 3.4 | 10 |
| 24 | pH and ligand binding modulate the strength of protein-protein interactions in the Ca ²⁺ -ATPase from sarcoplasmic reticulum membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1999, 1420, 203-213. | 2.6 | 3 |
| 25 | Plausible Stoichiometry of the Interacting Nucleotide-Binding Sites in the Ca ²⁺ -ATPase from Sarcoplasmic Reticulum Membranes. <i>Archives of Biochemistry and Biophysics</i> , 1999, 368, 298-302. | 3.0 | 4 |
| 26 | Selected peptides targeted to the NMDA receptor channel protect neurons from excitotoxic death. <i>Nature Biotechnology</i> , 1998, 16, 286-291. | 17.5 | 43 |
| 27 | Structural determinants of the blocker binding site in glutamate and NMDA receptor channels. <i>Neuropharmacology</i> , 1998, 37, 139-147. | 4.1 | 35 |
| 28 | Structural Changes of the Sarcoplasmic Reticulum Ca(II)-ATPase Nucleotide Binding Domain by pH and La(III). <i>Archives of Biochemistry and Biophysics</i> , 1997, 348, 152-156. | 3.0 | 3 |
| 29 | Thermal unfolding of monomeric Ca(II),Mg(II)-ATPase from sarcoplasmic reticulum of rabbit skeletal muscle. <i>FEBS Letters</i> , 1994, 343, 155-159. | 2.8 | 18 |
| 30 | Fluorescence energy transfer as a tool to locate functional sites in membrane proteins. <i>Biochemical Society Transactions</i> , 1994, 22, 784-788. | 3.4 | 14 |
| 31 | Differential scanning calorimetry study of the thermal unfolding of sarcoplasmic reticulum Ca ²⁺ , Mg ²⁺ -ATPase from rabbit skeletal muscle. <i>Biochemical Society Transactions</i> , 1994, 22, 384S-384S. | 3.4 | 2 |