

Jaime M Merino

List of Publications by Year in descending order

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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	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
2	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
3	The aryl hydrocarbon receptor in the crossroad of signalling networks with therapeutic value. , 2018, 185, 50-63.		72
4	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
5	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
6	Selected peptides targeted to the NMDA receptor channel protect neurons from excitotoxic death. <i>Nature Biotechnology</i> , 1998, 16, 286-291.	17.5	43
7	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
8	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
9	Small peptides patterned after the C-terminus domain of SNAP25 inhibit SNARE complex assembly and regulated exocytosis. <i>Journal of Neurochemistry</i> , 2004, 88, 124-135.	3.9	39
10	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
11	Structural determinants of the blocker binding site in glutamate and NMDA receptor channels. <i>Neuropharmacology</i> , 1998, 37, 139-147.	4.1	35
12	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
13	Dioxin receptor regulates aldehyde dehydrogenase to block melanoma tumorigenesis and metastasis. <i>Molecular Cancer</i> , 2015, 14, 148.	19.2	31
14	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
15	Dioxin Receptor Adjusts Liver Regeneration After Acute Toxic Injury and Protects Against Liver Carcinogenesis. <i>Scientific Reports</i> , 2017, 7, 10420.	3.3	25
16	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
17	Lung regeneration after toxic injury is improved in absence of dioxin receptor. <i>Stem Cell Research</i> , 2017, 25, 61-71.	0.7	21
18	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

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19	Thermal unfolding of monomeric Ca(II),Mg(II)-ATPase from sarcoplasmic reticulum of rabbit skeletal muscle. FEBS Letters, 1994, 343, 155-159.	2.8	18
20	Fluorescence energy transfer as a tool to locate functional sites in membrane proteins. Biochemical Society Transactions, 1994, 22, 784-788.	3.4	14
21	Down-regulation of CYP1A2 induction during the maturation of mouse cerebellar granule cells in culture: role of nitric oxide accumulation. European Journal of Neuroscience, 2003, 18, 2265-2272.	2.6	13
22	AhR-dependent 2,3,7,8-tetrachlorodibenzo- p -dioxin toxicity in human neuronal cell line SHSY5Y. NeuroToxicology, 2016, 56, 55-63.	3.0	12
23	Alu retrotransposons modulate Nanog expression through dynamic changes in regional chromatin conformation via aryl hydrocarbon receptor. Epigenetics and Chromatin, 2020, 13, 15.	3.9	12
24	Neuroprotection Against Excitotoxicity by N-Alkylglycines in Rat Hippocampal Neurons. NeuroMolecular Medicine, 2002, 2, 271-280.	3.4	10
25	Aryl hydrocarbon receptor blocks aging-induced senescence in the liver and fibroblast cells. Aging, 2022, 14, 4281-4304.	3.1	10
26	The aryl hydrocarbon receptor promotes differentiation during mouse preimplantational embryo development. Stem Cell Reports, 2021, 16, 2351-2363.	4.8	9
27	Aryl Hydrocarbon Receptor: From Homeostasis to Tumor Progression. Frontiers in Cell and Developmental Biology, 2022, 10, 884004.	3.7	8
28	Plausible Stoichiometry of the Interacting Nucleotide-Binding Sites in the Ca ²⁺ -ATPase from Sarcoplasmic Reticulum Membranes. Archives of Biochemistry and Biophysics, 1999, 368, 298-302.	3.0	4
29	Structural Changes of the Sarcoplasmic Reticulum Ca(II)-ATPase Nucleotide Binding Domain by pH and La(III). Archives of Biochemistry and Biophysics, 1997, 348, 152-156.	3.0	3
30	pH and ligand binding modulate the strength of protein-protein interactions in the Ca ²⁺ -ATPase from sarcoplasmic reticulum membranes. Biochimica Et Biophysica Acta - Biomembranes, 1999, 1420, 203-213.	2.6	3
31	Differential scanning calorimetry study of the thermal unfolding of sarcoplasmic reticulum Ca ²⁺ , Mg ²⁺ -ATPase from rabbit skeletal muscle. Biochemical Society Transactions, 1994, 22, 384S-384S.	3.4	2