Luis AgullÃ³

List of Publications by Year
in descending order

45 papers	2,101 citations	257450 24 h-index	254184 43 g-index
47 all docs	47 docs citations	47 times ranked	1855 citing authors

#	Article	IF	Citations
1	SBMOpenMM: A Builder of Structure-Based Models for OpenMM. Journal of Chemical Information and Modeling, 2021, 61, 3166-3171.	5.4	3
2	Proteoliposomal formulations of an HIV-1 gp41-based miniprotein elicit a lipid-dependent immunodominant response overlapping the 2F5 binding motif. Scientific Reports, 2017, 7, 40800.	3.3	12
3	Plasma B-type natriuretic peptide levels are poorly related to the occurrence of ischemia or ventricular arrhythmias during symptom-limited exercise in low-risk patients. Archives of Medical Science, 2016, 2, 341-348.	0.9	3
4	Computational exploration of the binding mode of hemeâ€dependent stimulators into the active catalytic domain of soluble guanylate cyclase. Proteins: Structure, Function and Bioinformatics, 2016, 84, 1534-1548.	2.6	4
5	Molecular dynamics and intracellular signaling of the TNF-R1 with the R92Q mutation. Journal of Neuroimmunology, 2015, 289, 12-20.	2.3	10
6	Effects of the Selective Stretch-Activated Channel Blocker GsMtx4 on Stretch-Induced Changes in Refractoriness in Isolated Rat Hearts and on Ventricular Premature Beats and Arrhythmias after Coronary Occlusion in Swine. PLoS ONE, 2015, 10, e0125753.	2.5	12
7	Delayed phospholamban phosphorylation in post-conditioned heart favours Ca2+ normalization and contributes to protection. Cardiovascular Research, 2014, 103, 542-553.	3.8	29
8	TNFRSF1A polymorphisms rs1800693 and rs4149584 in patients with multiple sclerosis. Neurology, 2013, 80, 2010-2016.	1.1	28
9	Distension of the Ischemic Region Predicts Increased Ventricular Fibrillation Inducibility Following Coronary Occlusion in Swine. Revista Espanola De Cardiologia (English Ed), 2013, 66, 171-176.	0.6	9
10	Activation of Polymorphonuclear Leukocytes and Increased Plasma Vasoconstrictors in Vasospastic and Nonvasospastic Angina. Canadian Journal of Cardiology, 2011, 27, 601-605.	1.7	1
11	cGMP/PKG pathway mediates myocardial postconditioning protection in rat hearts by delaying normalization of intracellular acidosis during reperfusion. Journal of Molecular and Cellular Cardiology, 2011, 50, 903-909.	1.9	62
12	Myocardial protection against reperfusion injury: The cGMP pathway. Thrombosis and Haemostasis, 2009, 101, 635-642.	3.4	50
13	Myocardial protection against reperfusion injury: the cGMP pathway. Thrombosis and Haemostasis, 2009, 101, 635-42.	3.4	16
14	Acidic reoxygenation protects against endothelial dysfunction in rat aortic rings submitted to simulated ischemia. American Journal of Physiology - Heart and Circulatory Physiology, 2008, 295, H2409-H2416.	3.2	14
15	Platelet deposition in remote cardiac regions after coronary occlusion. European Journal of Clinical Investigation, 2007, 37, 939-946.	3.4	18
16	Intracoronary infusion of Gd3+ into ischemic region does not suppress phase Ib ventricular arrhythmias after coronary occlusion in swine. American Journal of Physiology - Heart and Circulatory Physiology, 2006, 290, H2344-H2350.	3.2	13
17	The end-effectors of preconditioning protection against myocardial cell death secondary to ischemiaâ€“reperfusion. Cardiovascular Research, 2006, 70, 274-285.	3.8	54
18	Membrane association of nitric oxide-sensitive guanylyl cyclase in cardiomyocytes. Cardiovascular Research, 2005, 68, 65-74.	3.8	22

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19	Antagonism of selectin function attenuates microvascular platelet deposition and platelet-mediated myocardial injury after transient ischemia. Journal of the American College of Cardiology, 2005, 45, 293-299.	2.8	58
20	Ischemic preconditioning attenuates calpain-mediated degradation of structural proteins through a protein kinase A-dependent mechanism*1. Cardiovascular Research, 2004, 64, 105-114.	3.8	72
21	Left ventricular hypertrophy in rats with biliary cirrhosis. Hepatology, 2003, 38, 589-598.	7.3	46
22	Pre-treatment with the Na/H exchange inhibitor cariporide delays cell-to-cell electrical uncoupling during myocardial ischemia. Cardiovascular Research, 2003, 58, 109-117.	3.8	24
23	Cariporide preserves mitochondrial proton gradient and delays ATP depletion in cardiomyocytes during ischemic conditions. American Journal of Physiology - Heart and Circulatory Physiology, 2003, 285, H999-H1006.	3.2	80
24	Effect of ischemia on soluble and particulate guanylyl cyclase-mediated cGMP synthesis in cardiomyocytes. American Journal of Physiology - Heart and Circulatory Physiology, 2003, 284, H2170-H2176.	3.2	25
25	Effect of inhibition of Na+/Ca2+ exchanger at the time of myocardial reperfusion on hypercontracture and cell death. Cardiovascular Research, 2002, 55, 739-748.	3.8	141
26	Hypoxia and acidosis impair cGMP synthesis in microvascular coronary endothelial cells. American Journal of Physiology - Heart and Circulatory Physiology, 2002, 283, H917-H925.	3.2	31
27	Platelets activated by transient coronary occlusion exacerbate ischemia-reperfusion injury in rat hearts. American Journal of Physiology - Heart and Circulatory Physiology, 2002, 283, H1134-H1141.	3.2	52
28	Ventricular fibrillation during acute coronary occlusion is related to the dilation of the ischemic region. Basic Research in Cardiology, 2002, 97, 445-451.	5.9	31
29	Dexamethasone Up-Regulates a Constitutive Nitric Oxide Synthase in Cerebellar Astrocytes but Not in Granule Cells in Culture. Journal of Neurochemistry, 2002, 64, 447-450.	3.9	19
30	Intravenous administration of the natriuretic peptide urodilatin at low doses during coronary reperfusion limits infarct size in anesthetized pigs. Cardiovascular Research, 2001, 51, 592-600.	3.8	60
31	Urodilatin limits acute reperfusion injury in the isolated rat heart. Cardiovascular Research, 2000, 45, 351-359.	3.8	55
32	?-Arginine administration prevents reperfusion-induced cardiomyocyte hypercontracture and reduces infarct size in the pig. Cardiovascular Research, 2000, 46, 412-420.	3.8	36
33	Metallothionein-I+II induction by zinc and copper in primary cultures of rat microglia. Neurochemistry International, 1998, 33, 237-242.	3.8	21
34	Ca2+/calmodulin-dependent cyclic GMP phosphodiesterase activity in granule neurons and astrocytes from rat cerebellum. European Journal of Pharmacology, 1997, 323, 119-125.	3.5	21
35	Regulation by calcium of the nitric oxide/cyclic GMP system in cerebellar granule cells and astroglia in culture. Journal of Neuroscience Research, 1997, 49, 333-341.	2.9	35
36	Characteristics of nitric oxide synthase type I of rat cerebellar astrocytes. , 1996, 18, 224-232.		43

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37	Calcium-dependent nitric oxide formation in glial cells. Brain Research, 1995, 686, 160-168.	2.2	51
38	Synthesis of nitric oxide in CNS glial cells. Trends in Neurosciences, 1993, 16, 323-328.	8.6	615
39	Stimulation of nitric oxide-dependent cyclic GMP formation in neurons and astrocytes in culture. Neurochemistry International, 1992, 21, C4.	3.8	0
40	Stimulation of nitric oxide-dependent cyclic gmp formation in neurons and astrocytes in culture. Pharmacological Research, 1992, 26, 207.	7.1	24
41	Different receptors mediate stimulation of nitric oxide-dependent cyclic GMP formation in neurons and astrocytes in culture. Biochemical and Biophysical Research Communications, 1992, 182, 1362-1368.	2.1	93
42	Norepinephrine increases cyclic GMP in astrocytes by a mechanism dependent on nitric oxide synthesis. European Journal of Pharmacology, 1991, 206, 343-346.	2.6	46
43	Histamine Stimulation of Cyclic AMP Accumulation in Astrocyte-Enriched and Neuronal Primary Cultures from Rat Brain. Journal of Neurochemistry, 1990, 55, 1592-1598.	3.9	31
44	Depolarization-induced release of glycine and Î²-alanine from plasma membrane vesicles derived from rat brain synaptosomes. Biochimica Et Biophysica Acta - Biomembranes, 1988, 941, 209-216.	2.6	8
45	beta-Alanine transport in synaptic plasma membrane vesicles from rat brain. Efflux, exchange and stoichiometry. FEBS Journal, 1986, 159, 611-617.	0.2	17