Juan B Salom

List of Publications by Year
in descending order

43 papers	1,156 citations	361296 20 h-index	395590 33 g-index
43 all docs	43 docs citations	43 times ranked	1484 citing authors

#	Article	IF	Citations
1	Dietary phytoestrogens improve stroke outcome after transient focal cerebral ischemia in rats. European Journal of Neuroscience, 2006, 23, 703-710.	1.2	70
2	Novel Antihypertensive Lactoferrin-Derived Peptides Produced by Kluyveromyces marxianus: Gastrointestinal Stability Profile and In Vivo Angiotensin I-Converting Enzyme (ACE) Inhibition. Journal of Agricultural and Food Chemistry, 2014, 62, 1609-1616.	2.4	67
3	Antihypertensive effect of a bovine lactoferrin pepsin hydrolysate: Identification of novel active peptides. Food Chemistry, 2012, 131, 266-273.	4.2	65
4	Reduction of infarct size by the NO donors sodium nitroprusside and spermine/NO after transient focal cerebral ischemia in rats. Brain Research, 2000, 865, 149-156.	1.1	63
5	Administration of Transforming Growth Factor-Î± Reduces Infarct Volume after Transient Focal Cerebral Ischemia in the Rat. Journal of Cerebral Blood Flow and Metabolism, 2001, 21, 1097-1104.	2.4	61
6	Relaxant Effects of 17-Î²-Estradiol in Cerebral Arteries through Ca2+ Entry Inhibition. Journal of Cerebral Blood Flow and Metabolism, 2001, 21, 422-429.	2.4	59
7	Acute relaxant effects of 17-Î²-estradiol through non-genomic mechanisms in rabbit carotid artery. Steroids, 2002, 67, 339-346.	0.8	52
8	Iron-loaded transferrin (Tf) is detrimental whereas iron-free Tf confers protection against brain ischemia by modifying blood Tf saturation and subsequent neuronal damage. Redox Biology, 2018, 15, 143-158.	3.9	51
9	Antihypertensive effects of lactoferrin hydrolyzates: Inhibition of angiotensin- and endothelin-converting enzymes. Food Chemistry, 2013, 139, 994-1000.	4.2	48
10	Antihypertensive Mechanism of Lactoferrin-Derived Peptides: Angiotensin Receptor Blocking Effect. Journal of Agricultural and Food Chemistry, 2014, 62, 173-181.	2.4	46
11	Antihypertensive Properties of Lactoferricin B-Derived Peptides. Journal of Agricultural and Food Chemistry, 2010, 58, 6721-6727.	2.4	38
12	In vivo angiotensin I-converting enzyme inhibition by long-term intake of antihypertensive lactoferrin hydrolysate in spontaneously hypertensive rats. Food Research International, 2013, 54, 627-632.	2.9	37
13	Pharmacological profile of phytoestrogens in cerebral vessels: in vitro study with rabbit basilar artery. European Journal of Pharmacology, 2003, 482, 227-234.	1.7	34
14	Single-dose ebselen does not afford sustained neuroprotection to rats subjected to severe focal cerebral ischemia. European Journal of Pharmacology, 2004, 495, 55-62.	1.7	34
15	Molecular mechanisms mediating the neuroprotective role of the selective estrogen receptor modulator, bazedoxifene, in acute ischemic stroke: A comparative study with 17Î²-estradiol. Journal of Steroid Biochemistry and Molecular Biology, 2017, 171, 296-304.	1.2	30
16	Unraveling the mechanisms of action of lactoferrin-derived antihypertensive peptides: ACE inhibition and beyond. Food and Function, 2015, 6, 2440-2452.	2.1	28
17	Lactoferricin-Related Peptides with Inhibitory Effects on ACE-Dependent Vasoconstriction. Journal of Agricultural and Food Chemistry, 2006, 54, 5323-5329.	2.4	27
18	Dairy yeasts produce milk protein-derived antihypertensive hydrolysates. Food Research International, 2013, 53, 203-208.	2.9	26

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19	The MDM2-p53 pathway is involved in preconditioning-induced neuronal tolerance to ischemia. Scientific Reports, 2018, 8, 1610.	1.6	26
20	Emergent Uric Acid Treatment is Synergistic with Mechanical Recanalization in Improving Stroke Outcomes in Male and Female Rats. Neuroscience, 2018, 388, 263-273.	1.1	26
21	Uric Acid Neuroprotection Associated to IL-6/STAT3 Signaling Pathway Activation in Rat Ischemic Stroke. Molecular Neurobiology, 2021, 58, 408-423.	1.9	23
22	Bovine lactoferrin pepsin hydrolysate exerts inhibitory effect on angiotensin I-converting enzyme-dependent vasoconstriction. International Dairy Journal, 2007, 17, 1212-1215.	1.5	22
23	Lactoferricin B-derived peptides with inhibitory effects on ECE-dependent vasoconstriction. Peptides, 2010, 31, 1926-1933.	1.2	20
24	An antihypertensive lactoferrin hydrolysate inhibits angiotensin I-converting enzyme, modifies expression of hypertension-related genes and enhances nitric oxide production in cultured human endothelial cells. Journal of Functional Foods, 2015, 12, 45-54.	1.6	18
25	Molecular mechanisms underlying the neuroprotective role of atrial natriuretic peptide in experimental acute ischemic stroke. Molecular and Cellular Endocrinology, 2018, 472, 1-9.	1.6	17
26	Heterogeneity of P2-Purinoceptors in Brain Circulation. Journal of Cerebral Blood Flow and Metabolism, 1990, 10, 572-579.	2.4	15
27	In vivo antihypertensive mechanism of lactoferrin-derived peptides: Reversion of angiotensin I- and angiotensin II-induced hypertension in Wistar rats. Journal of Functional Foods, 2015, 15, 294-300.	1.6	15
28	The selective oestrogen receptor modulator, bazedoxifene, mimics the neuroprotective effect of 17Î²â€oestradiol in diabetic ischaemic stroke by modulating oestrogen receptor expression and the <scp>MAPK</scp>/<scp>ERK</scp>1/2 signalling pathway. Journal of Neuroendocrinology, 2019, 31, e12751.	1.2	13
29	Relaxant effect of sildenafil in the rabbit basilar artery. Vascular Pharmacology, 2006, 44, 10-16.	1.0	12
30	Endothelin-1â€“Mediated Drug Resistance in EGFR-Mutant Non-Small Cell Lung Carcinoma. Cancer Research, 2020, 80, 4224-4232.	0.4	12
31	Clot Composition Analysis as a Diagnostic Tool to Gain Insight into Ischemic Stroke Etiology: A Systematic Review. Journal of Stroke, 2021, 23, 327-342.	1.4	12
32	Novel antihypertensive hexa- and heptapeptides with ACE-inhibiting properties: From the in vitro ACE assay to the spontaneously hypertensive rat. Peptides, 2011, 32, 1431-1438.	1.2	11
33	Acute effects of three isoflavone class phytoestrogens and a mycoestrogen on cerebral microcirculation. Phytomedicine, 2007, 14, 556-562.	2.3	10
34	Chronic intracerebroventricular delivery of the secretory phospholipase A2 inhibitor, 12-epi-scalaradial, does not improve outcome after focal cerebral ischemiaâ€“reperfusion in rats. Experimental Brain Research, 2007, 176, 248-259.	0.7	10
35	Temporospatial expression of HSP72 and c-JUN, and DNA fragmentation in goat hippocampus after global cerebral ischemia. Hippocampus, 2001, 11, 146-156.	0.9	9
36	Comparison of the contractile effects of endothelinâ€1 and sarafotoxin S6b in goat isolated cerebral arteries. British Journal of Pharmacology, 1992, 106, 95-100.	2.7	8

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37	Brain Cell Senescence: A New Therapeutic Target for the Acute Treatment of Ischemic Stroke. Journal of Neuropathology and Experimental Neurology, 2022, 81, 614-620.	0.9	8
38	Vasoactive properties of antihypertensive lactoferrin-derived peptides in resistance vessels: Effects in small mesenteric arteries from SHR rats. Life Sciences, 2017, 186, 118-124.	2.0	7
39	Comparative Proteomics Unveils LRRFIP1 as a New Player in the DAPK1 Interactome of Neurons Exposed to Oxygen and Glucose Deprivation. Antioxidants, 2020, 9, 1202.	2.2	6
40	Intravenous SPION-labeled adipocyte-derived stem cells targeted to the brain by magnetic attraction in a rat stroke model: An ultrastructural insight into cell fate within the brain. Nanomedicine: Nanotechnology, Biology, and Medicine, 2022, 39, 102464.	1.7	6
41	Preclinical Characterization of Antioxidant Quinolyl Nitrone QN23 as a New Candidate for the Treatment of Ischemic Stroke. Antioxidants, 2022, 11, 1186.	2.2	6
42	Role of K+ and Ca2+ fluxes in the cerebroarterial vasoactive effects of sildenafil. European Journal of Pharmacology, 2008, 581, 138-147.	1.7	4
43	Optimised lyophilisation-based method for different biomolecule single-extractions from the same rat brain sample: Suitability for RNA and protein expression analyses after ischemic stroke. Journal of Neuroscience Methods, 2019, 327, 108402.	1.3	4