

Jader Santos Cruz

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

145
papers

3,029
citations

31
h-index

48
g-index

151
ext. papers

3,378
ext. citations

4.3
avg, IF

4.59
L-index

#	Paper	IF	Citations
145	Diminazene aceturate, an angiotensin converting enzyme 2 (ACE2) activator, promotes cardioprotection in ischemia/reperfusion-induced cardiac injury.. <i>Peptides</i> , 2022 , 151, 170746	3.8	0
144	SOCS2 expression in hematopoietic and non-hematopoietic cells during <i>Trypanosoma cruzi</i> infection: Correlation with immune response and cardiac dysfunction.. <i>Clinical Immunology</i> , 2021 , 108913	1.9	0
143	Endogenous opioid and cannabinoid systems modulate the muscle pain: A pharmacological study into the peripheral site. <i>European Journal of Pharmacology</i> , 2021 , 901, 174089	5.3	0
142	A novel substrate for arrhythmias in Chagas disease. <i>PLoS Neglected Tropical Diseases</i> , 2021 , 15, e0009421	4.18	3
141	Cardiac effect induced by <i>Crotalus durissus cascavella</i> venom: Morphofunctional evidence and mechanism of action. <i>Toxicology Letters</i> , 2021 , 337, 121-133	4.4	1
140	Inhibition of calcium/calmodulin (Ca /CaM)-Calcium/calmodulin-dependent protein kinase II (CaMKII) axis reduces in vitro and ex vivo arrhythmias in experimental Chagas disease. <i>FASEB Journal</i> , 2021 , 35, e21901	0.9	1
139	Andrographolide protects against isoproterenol-induced myocardial infarction in rats through inhibition of L-type Ca and increase of cardiac transient outward K currents. <i>European Journal of Pharmacology</i> , 2021 , 906, 174194	5.3	8
138	Role of formyl peptide receptor 2 (FPR2) in modulating immune response and heart inflammation in an experimental model of acute and chronic Chagas disease. <i>Cellular Immunology</i> , 2021 , 369, 104427	4.4	3
137	Chronic Sympathetic Hyperactivity Triggers Electrophysiological Remodeling and Disrupts Excitation-Contraction Coupling in Heart. <i>Scientific Reports</i> , 2020 , 10, 8001	4.9	6
136	Comparative Cardiotoxicity of Low Doses of Digoxin, Ouabain, and Oleandrin. <i>Cardiovascular Toxicology</i> , 2020 , 20, 539-547	3.4	7
135	Reactive oxygen species and nitric oxide imbalances lead to in vivo and in vitro arrhythmogenic phenotype in acute phase of experimental Chagas disease. <i>PLoS Pathogens</i> , 2020 , 16, e1008379	7.6	8
134	Mechanisms of artemether toxicity on single cardiomyocytes and protective effect of nanoencapsulation. <i>British Journal of Pharmacology</i> , 2020 , 177, 4448-4463	8.6	2
133	Diminazene aceturate (DIZE) has cellular and in vivo antiarrhythmic effects. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2020 , 47, 213-219	3	5
132	Investigation of the Involvement of the Endocannabinoid System in TENS-Induced Antinociception. <i>Journal of Pain</i> , 2020 , 21, 820-835	5.2	1
131	Myocardial hypertrophy is prevented by farnesol through oxidative stress and ERK1/2 signaling pathways. <i>European Journal of Pharmacology</i> , 2020 , 887, 173583	5.3	4
130	Deletion of inducible nitric oxide synthase delays the onset of cardiomyocyte electrical remodeling in experimental Chagas disease. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020 , 1866, 165949	6.9	0
129	Anti-Bronchospasmodic Effect of JME-173, a Novel Mexiletine Analog Endowed With Highly Attenuated Anesthetic Activity. <i>Frontiers in Pharmacology</i> , 2020 , 11, 1159	5.6	1

128	Redox-Active Drug, MnTE-2-PyP, Prevents and Treats Cardiac Arrhythmias Preserving Heart Contractile Function. <i>Oxidative Medicine and Cellular Longevity</i> , 2020 , 2020, 4850697	6.7	5
127	Alterations of Calcium Channels in a Mouse Model of Huntington's Disease and Neuroprotection by Blockage of Ca _v 1 Channels. <i>ASN Neuro</i> , 2019 , 11, 1759091419856811	5.3	8
126	Calcium overload-induced arrhythmia is suppressed by farnesol in rat heart. <i>European Journal of Pharmacology</i> , 2019 , 859, 172488	5.3	11
125	Nerol Attenuates Ouabain-Induced Arrhythmias. <i>Evidence-based Complementary and Alternative Medicine</i> , 2019 , 2019, 5935921	2.3	1
124	Non-invasive ECG recording and QT interval correction assessment in anesthetized rats and mice. <i>Pesquisa Veterinaria Brasileira</i> , 2019 , 39, 409-415	0.4	7
123	d-Limonene Ameliorates Myocardial Infarction Injury by Reducing Reactive Oxygen Species and Cell Apoptosis in a Murine Model. <i>Journal of Natural Products</i> , 2019 , 82, 3010-3019	4.9	11
122	Resident Macrophages Orchestrating Heart Rate. <i>Arquivos Brasileiros De Cardiologia</i> , 2019 , 112, 588-591	1.2	3
121	TNF- α -mediated upregulation of Na _v 1.7 currents in rat dorsal root ganglion neurons is independent of CRMP2 SUMOylation. <i>Molecular Brain</i> , 2019 , 12, 117	4.5	11
120	Increased oxidative stress and CaMKII activity contribute to electro-mechanical defects in cardiomyocytes from a murine model of Huntington's disease. <i>FEBS Journal</i> , 2019 , 286, 110-123	5.7	16
119	Hydrogen peroxide and nitric oxide induce anticontractile effect of perivascular adipose tissue via renin angiotensin system activation. <i>Nitric Oxide - Biology and Chemistry</i> , 2019 , 84, 50-59	5	15
118	The Peptide PnPP-19, a Spider Toxin Derivative, Activates μ -Opioid Receptors and Modulates Calcium Channels. <i>Toxins</i> , 2018 , 10,	4.9	10
117	Increase in Ca current by sustained cAMP levels enhances proliferation rate in GH3 cells. <i>Life Sciences</i> , 2018 , 192, 144-150	6.8	5
116	Thiamine Deficiency Increases Ca Current and Ca _v 1.2 L-type Ca Channel Levels in Cerebellum Granular Neurons. <i>Cellular and Molecular Neurobiology</i> , 2017 , 37, 453-460	4.6	4
115	Absence of suppressor of cytokine signaling 2 turns cardiomyocytes unresponsive to LIF-dependent increases in Ca levels. <i>American Journal of Physiology - Cell Physiology</i> , 2017 , 312, C478-C486	5.4	1
114	(-)-Terpinen-4-ol changes intracellular Ca handling and induces pacing disturbance in rat hearts. <i>European Journal of Pharmacology</i> , 2017 , 807, 56-63	5.3	7
113	Hydroalcoholic extract from Nerium oleander L. (Apocynaceae) elicits arrhythmogenic activity. <i>Journal of Ethnopharmacology</i> , 2017 , 206, 170-177	5	21
112	N-type Ca channels are affected by full-length mutant huntingtin expression in a mouse model of Huntington's disease. <i>Neurobiology of Aging</i> , 2017 , 55, 1-10	5.6	18
111	Dissection of the Effects of Quercetin on Mouse Myocardium. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2017 , 120, 550-559	3.1	7

110	Is there a role for voltage-gated Na ⁺ channels in the aggressiveness of breast cancer?. <i>Brazilian Journal of Medical and Biological Research</i> , 2017 , 50, e6011	2.8	6
109	Exercise Training Protects Cardiomyocytes from Deleterious Effects of Palmitate. <i>International Journal of Sports Medicine</i> , 2017 , 38, 949-953	3.6	1
108	(+)-Usnic Acid Isolated from the Lichen <i>Cladonia substellata</i> Impairs Myocardial Contractility. <i>Planta Medica International Open</i> , 2017 , 4, e59-e65	0.8	3
107	Molecular mechanisms of cardiac electromechanical remodeling during Chagas disease: Role of TNF and TGF- β <i>Trends in Cardiovascular Medicine</i> , 2017 , 27, 81-91	6.9	15
106	Vascular Kinin B and B Receptors Determine Endothelial Dysfunction through Neuronal Nitric Oxide Synthase. <i>Frontiers in Physiology</i> , 2017 , 8, 228	4.6	7
105	New insights into the elucidation of angiotensin-(1-7) in vivo antiarrhythmic effects and its related cellular mechanisms. <i>Experimental Physiology</i> , 2016 , 101, 1506-1516	2.4	12
104	Mechanisms of vascular dysfunction in acute phase of <i>Trypanosoma cruzi</i> infection in mice. <i>Vascular Pharmacology</i> , 2016 , 82, 73-81	5.9	14
103	Altered Cardiomyocyte Function and <i>Trypanosoma cruzi</i> Persistence in Chagas Disease. <i>American Journal of Tropical Medicine and Hygiene</i> , 2016 , 94, 1028-33	3.2	14
102	FLUXO NITRICO E DINAMICA DE CA ²⁺ EM CARDIOMICITOS: INFLUENCIA DA CAPACIDADE DE EXERCICIO. <i>Revista Brasileira De Medicina Do Esporte</i> , 2016 , 22, 31-34	0.5	
101	Cardiovascular effects of Sp-CTx, a cytolyisin from the scorpionfish (<i>Scorpaena plumieri</i>) venom. <i>Toxicon</i> , 2016 , 118, 141-8	2.8	9
100	PnPP-19, a Synthetic and Nontoxic Peptide Designed from a <i>Phoneutria nigriventer</i> Toxin, Potentiates Erectile Function via NO/cGMP. <i>Journal of Urology</i> , 2015 , 194, 1481-90	2.5	29
99	Carvacrol modulates voltage-gated sodium channels kinetics in dorsal root ganglia. <i>European Journal of Pharmacology</i> , 2015 , 756, 22-9	5.3	13
98	Functionalized nanomaterials: are they effective to perform gene delivery to difficult-to-transfect cells with no cytotoxicity?. <i>Nanoscale</i> , 2015 , 7, 18036-43	7.7	9
97	Blocking the L-type Ca ²⁺ channel (Cav 1.2) is the key mechanism for the vascular relaxing effect of <i>Pterodon</i> spp. and its isolated diterpene methyl-6-acetoxy-7-hydroxyvouacapan-17-oate. <i>Pharmacological Research</i> , 2015 , 100, 242-9	10.2	7
96	Inhibitory effect of terpinen-4-ol on voltage-dependent potassium currents in rat small sensory neurons. <i>Journal of Natural Products</i> , 2015 , 78, 173-80	4.9	9
95	TRPM8 Channel Activation Induced by Monoterpenoid Rotundifolone Underlies Mesenteric Artery Relaxation. <i>PLoS ONE</i> , 2015 , 10, e0143171	3.7	12
94	Electrical properties of isolated cardiomyocytes in a rat model of thiamine deficiency. <i>Arquivos Brasileiros De Cardiologia</i> , 2015 , 104, 242-5	1.2	2
93	Current aspects of thiamine deficiency on heart function. <i>Life Sciences</i> , 2014 , 98, 1-5	6.8	23

92	Investigation of terpinen-4-ol effects on vascular smooth muscle relaxation. <i>Life Sciences</i> , 2014 , 115, 52-8	6.8	12
91	Thiamine deficiency leads to reduced nitric oxide production and vascular dysfunction in rats. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2014 , 24, 183-8	4.5	11
90	The endocannabinoid system mediates aerobic exercise-induced antinociception in rats. <i>Neuropharmacology</i> , 2014 , 77, 313-24	5.5	51
89	Geraniol blocks calcium and potassium channels in the mammalian myocardium: useful effects to treat arrhythmias. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2014 , 115, 534-44	3.1	20
88	Pharmacological evaluation of R(+)-pulegone on cardiac excitability: role of potassium current blockage and control of action potential waveform. <i>Phytomedicine</i> , 2014 , 21, 1146-53	6.5	5
87	Acute resistance exercise induces antinociception by activation of the endocannabinoid system in rats. <i>Anesthesia and Analgesia</i> , 2014 , 119, 702-715	3.9	44
86	Effect of exercise training on Ca ²⁺ release units of left ventricular myocytes of spontaneously hypertensive rats. <i>Brazilian Journal of Medical and Biological Research</i> , 2014 , 47, 960-5	2.8	9
85	Basal and β -adrenergic cardiomyocytes contractility dysfunction induced by dietary protein restriction is associated with downregulation of SERCA2a expression and disturbance of endoplasmic reticulum Ca ²⁺ regulation in rats. <i>Cellular Physiology and Biochemistry</i> , 2014 , 34, 443-54	3.9	5
84	The positive inotropic effect of the ethyl acetate fraction from <i>Erythrina velutina</i> leaves on the mammalian myocardium: the role of adrenergic receptors. <i>Journal of Pharmacy and Pharmacology</i> , 2013 , 65, 928-36	4.8	1
83	Molecular and biochemical characterization of a cytolysin from the <i>Scorpaena plumieri</i> (scorpionfish) venom: evidence of pore formation on erythrocyte cell membrane. <i>Toxicon</i> , 2013 , 74, 92-100	2.8	20
82	Probabilistic model checking analysis of palytoxin effects on cell energy reactions of the Na ⁺ /K ⁺ -ATPase. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2013 , 10, 1530-41	3	1
81	Functional cross-talk between aldosterone and angiotensin-(1-7) in ventricular myocytes. <i>Hypertension</i> , 2013 , 61, 425-30	8.5	23
80	Warifteine, a bisbenzylisoquinoline alkaloid, induces relaxation by activating potassium channels in vascular myocytes. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2013 , 40, 37-44	3	7
79	Dissecting the Calcium Transient Refractoriness in Mouse Ventricular Myocytes. <i>Biophysical Journal</i> , 2013 , 104, 436a-437a	2.9	
78	Novel insights into the development of chagasic cardiomyopathy: role of PI3Kinase/NO axis. <i>International Journal of Cardiology</i> , 2013 , 167, 3011-20	3.2	14
77	The benefits of endurance training in cardiomyocyte function in hypertensive rats are reversed within four weeks of detraining. <i>Journal of Molecular and Cellular Cardiology</i> , 2013 , 57, 119-28	5.8	43
76	Menthol: Biological Effects and Toxicity 2013 , 3989-3999		
75	Regional effects of low-intensity endurance training on structural and mechanical properties of rat ventricular myocytes. <i>Journal of Applied Physiology</i> , 2013 , 115, 107-15	3.7	17

74	Mechanism of the antihypertensive and vasorelaxant effects of the flavonoid tiliroside in resistance arteries. <i>Planta Medica</i> , 2013 , 79, 1003-8	3.1	20
73	Cardiomyocyte dysfunction during the chronic phase of Chagas disease. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2013 , 108, 243-5	2.6	13
72	A Probabilistic Model Checking Analysis of the Potassium Reactions with the Palytoxin and Na ⁺ /K ⁺ -ATPase Complex. <i>Lecture Notes in Computer Science</i> , 2013 , 181-193	0.9	1
71	Palytoxin Inhibits the Sodium-Potassium Pump [An Investigation of an Electrophysiological Model Using Probabilistic Model Checking. <i>Lecture Notes in Computer Science</i> , 2012 , 35-50	0.9	3
70	Thiamine deficiency in vitro accelerates A-type potassium current inactivation in cerebellar granule neurons. <i>Neuroscience</i> , 2012 , 221, 108-14	3.9	9
69	Morphology and contractility in cardiomyocytes of rats with low exercise performance. <i>Arquivos Brasileiros De Cardiologia</i> , 2012 , 98, 431-6	1.2	1
68	Role of SOCS2 in modulating heart damage and function in a murine model of acute Chagas disease. <i>American Journal of Pathology</i> , 2012 , 181, 130-40	5.8	43
67	Swim training does not protect mice from skeletal muscle oxidative damage following a maximum exercise test. <i>European Journal of Applied Physiology</i> , 2012 , 112, 2523-30	3.4	16
66	Chronic exercise partially restores the transmural heterogeneity of action potential duration in left ventricular myocytes of spontaneous hypertensive rats. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2012 , 39, 155-7	3	10
65	trans-Caryophyllene, a natural sesquiterpene, causes tracheal smooth muscle relaxation through blockade of voltage-dependent Ca ²⁺ channels. <i>Molecules</i> , 2012 , 17, 11965-77	4.8	16
64	A Probabilistic Model Checking Approach to Investigate the Palytoxin Effects on the Na ⁺ /K ⁺ -ATPase. <i>Lecture Notes in Computer Science</i> , 2012 , 84-96	0.9	4
63	Essential oils components as a new path to understand ion channel molecular pharmacology. <i>Life Sciences</i> , 2011 , 89, 540-4	6.8	33
62	Resurgent Na ⁺ current: a new avenue to neuronal excitability control. <i>Life Sciences</i> , 2011 , 89, 564-9	6.8	14
61	Aqueous fraction from <i>Costus spiralis</i> (Jacq.) Roscoe leaf reduces contractility by impairing the calcium inward current in the mammalian myocardium. <i>Journal of Ethnopharmacology</i> , 2011 , 138, 382-9	5	3
60	Plasma cytokine response, lipid peroxidation and NF-κB activation in skeletal muscle following maximum progressive swimming. <i>Brazilian Journal of Medical and Biological Research</i> , 2011 , 44, 546-52	2.8	11
59	Rotundifolone-induced relaxation is mediated by BK(Ca) channel activation and Ca _v channel inactivation. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2011 , 109, 465-75	3.1	24
58	Cardiodepressive effect elicited by the essential oil of <i>Alpinia speciosa</i> is related to L-type Ca ²⁺ current blockade. <i>Phytomedicine</i> , 2011 , 18, 539-43	6.5	18
57	Curine, a bisbenzylisoquinoline alkaloid, blocks L-type Ca ²⁺ channels and decreases intracellular Ca ²⁺ transients in A7r5 cells. <i>European Journal of Pharmacology</i> , 2011 , 669, 100-7	5.3	24

56	R(+)-pulegone impairs Ca ²⁺ homeostasis and causes negative inotropism in mammalian myocardium. <i>European Journal of Pharmacology</i> , 2011 , 672, 135-42	5.3	18
55	Phosphatidylinositol 3-kinase- β -regulates L-type Ca ²⁺ currents and increases vascular contractility in a mouse model of type 1 diabetes. <i>British Journal of Pharmacology</i> , 2010 , 161, 1458-71	8.6	31
54	Morphine peripheral analgesia depends on activation of the PI3Kgamma/AKT/nNOS/NO/KATP signaling pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 4442-7	11.5	155
53	Dysautonomia due to reduced cholinergic neurotransmission causes cardiac remodeling and heart failure. <i>Molecular and Cellular Biology</i> , 2010 , 30, 1746-56	4.8	64
52	Cardiac oxidative stress is involved in heart failure induced by thiamine deprivation in rats. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2010 , 298, H2039-45	5.2	45
51	Cardiotoxic effects of <i>Loxosceles intermedia</i> spider venom and the recombinant venom toxin rLiD1. <i>Toxicon</i> , 2010 , 56, 1426-35	2.8	23
50	Evaluation of the sesquiterpene (-)-alpha-bisabolol as a novel peripheral nervous blocker. <i>Neuroscience Letters</i> , 2010 , 472, 11-5	3.3	29
49	Eugenol modifies the excitability of rat sciatic nerve and superior cervical ganglion neurons. <i>Neuroscience Letters</i> , 2010 , 472, 220-4	3.3	25
48	Investigation of the cardiomyocyte dysfunction in bradykinin type 2 receptor knockout mice. <i>Life Sciences</i> , 2010 , 87, 715-23	6.8	12
47	Five Week Swimming Training Not Sufficient To Avoid Skeletal Muscle Oxidative Stress Following Maximum Test. <i>Medicine and Science in Sports and Exercise</i> , 2010 , 42, 121	1.2	
46	Croton sonderianus essential oil samples distinctly affect rat airway smooth muscle. <i>Phytomedicine</i> , 2010 , 17, 721-5	6.5	15
45	Linalool blocks excitability in peripheral nerves and voltage-dependent Na ⁺ current in dissociated dorsal root ganglia neurons. <i>European Journal of Pharmacology</i> , 2010 , 645, 86-93	5.3	49
44	Distinct effects of carvone analogues on the isolated nerve of rats. <i>European Journal of Pharmacology</i> , 2010 , 645, 108-12	5.3	33
43	Exercise capacity is related to calcium transients in ventricular cardiomyocytes. <i>Journal of Applied Physiology</i> , 2009 , 107, 593-8	3.7	32
42	Impaired cellular contractile function in thiamine-deficient rat cardiomyocytes. <i>European Journal of Heart Failure</i> , 2009 , 11, 1126-8	12.3	11
41	Angiotensin II increases excitability and inhibits a transient potassium current in vagal primary sensory neurons. <i>Neuropeptides</i> , 2009 , 43, 193-9	3.3	8
40	Changes in cellular contractility and cytokines profile during <i>Trypanosoma cruzi</i> infection in mice. <i>Basic Research in Cardiology</i> , 2009 , 104, 238-46	11.8	42
39	(S)-reticuline induces vasorelaxation through the blockade of L-type Ca(2+) channels. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2009 , 379, 115-25	3.4	14

38	Cardiac structural changes and electrical remodeling in a thiamine-deficiency model in rats. <i>Life Sciences</i> , 2009 , 84, 817-24	6.8	19
37	Rosewood oil induces sedation and inhibits compound action potential in rodents. <i>Journal of Ethnopharmacology</i> , 2009 , 124, 440-3	5	29
36	Structure and activity analysis of two spider toxins that alter sodium channel inactivation kinetics. <i>Biochemistry</i> , 2009 , 48, 3078-88	3.2	31
35	Detection of oral streptococci in dental biofilm from caries-active and caries-free children. <i>Brazilian Journal of Microbiology</i> , 2008 , 39, 648-51	2.2	10
34	Aqueous leaf extract of <i>Averrhoa carambola</i> L. (Oxalidaceae) reduces both the inotropic effect of BAY K 8644 on the guinea pig atrium and the calcium current on GH3 cells. <i>Revista Brasileira De Farmacognosia</i> , 2008 , 18, 539-543	2	3
33	Teaching the Poiseuille's Law to Brazilian physiology students with challenging exercises. <i>FASEB Journal</i> , 2008 , 22, 575.13	0.9	
32	Abolition of reperfusion-induced arrhythmias in hearts from thiamine-deficient rats. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007 , 293, H394-401	5.2	24
31	Thiamine deficiency during pregnancy leads to cerebellar neuronal death in rat offspring: role of voltage-dependent K ⁺ channels. <i>Brain Research</i> , 2007 , 1134, 79-86	3.7	31
30	Leftward shift in the voltage-dependence for Ca ²⁺ currents activation induced by a new toxin from <i>Phoneutria reidyi</i> (Araneae, Ctenidae) venom. <i>Cellular and Molecular Neurobiology</i> , 2007 , 27, 129-46	4.6	8
29	CSTX-1, a toxin from the venom of the hunting spider <i>Cupiennius salei</i> , is a selective blocker of L-type calcium channels in mammalian neurons. <i>Neuropharmacology</i> , 2007 , 52, 1650-62	5.5	32
28	Kinin B1 receptor participates in the control of cardiac function in mice. <i>Life Sciences</i> , 2007 , 81, 814-22	6.8	22
27	Calcium channel blockade as a target for the cardiovascular effects induced by the 8 (17), 12E, 14-labdatrien-18-oic acid (labdane-302). <i>Vascular Pharmacology</i> , 2006 , 44, 338-44	5.9	31
26	Impairment of in vitro and in vivo heart function in angiotensin-(1-7) receptor MAS knockout mice. <i>Hypertension</i> , 2006 , 47, 996-1002	8.5	189
25	Study of anticonvulsant effect of citronellol, a monoterpene alcohol, in rodents. <i>Neuroscience Letters</i> , 2006 , 401, 231-5	3.3	110
24	Tx1, from <i>Phoneutria nigriventer</i> spider venom, interacts with dihydropyridine sensitive-calcium channels in GH3 cells. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2006 , 269, 585-589	1.5	3
23	Angiotensin II inhibition of Ca ²⁺ currents is independent of ATR1 angiotensin II receptor activation in rat adult vagal afferent neurons. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2005 , 117, 79-86	2.4	4
22	Veratridine modifies the TTX-resistant Na ⁺ channels in rat vagal afferent neurons. <i>Toxicon</i> , 2004 , 43, 401-6	2.8	9
21	N-salicyloyltryptamine, a new anticonvulsant drug, acts on voltage-dependent Na ⁺ , Ca ²⁺ , and K ⁺ ion channels. <i>British Journal of Pharmacology</i> , 2003 , 140, 1331-9	8.6	12

20	Regulation of the glutamate uptake by extracellular calcium. <i>Brain Research</i> , 2002 , 936, 21-6	3.7	11
19	Electrophysiological characterization and molecular identification of the Phoneutria nigriventer peptide toxin PnTx2-6. <i>FEBS Letters</i> , 2002 , 523, 219-23	3.8	44
18	Termination of cardiac Ca(2+) sparks: an investigative mathematical model of calcium-induced calcium release. <i>Biophysical Journal</i> , 2002 , 83, 59-78	2.9	254
17	Glutamate transport in rat cerebellar granule cells is impaired by inorganic epileptogenic agents. <i>Neuroscience Letters</i> , 2001 , 310, 85-8	3.3	8
16	Molecular identification of a TTX-sensitive Ca(2+) current. <i>American Journal of Physiology - Cell Physiology</i> , 2001 , 280, C1327-39	5.4	61
15	Cellular and functional defects in a mouse model of heart failure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2000 , 279, H3101-12	5.2	97
14	Macrophage damage by <i>Leishmania amazonensis</i> cytolysin: evidence of pore formation on cell membrane. <i>Infection and Immunity</i> , 2000 , 68, 4578-84	3.7	40
13	Tityustoxin effect on nerve compound action potentials requires extracellular sodium. <i>Neuroscience Letters</i> , 2000 , 282, 25-8	3.3	5
12	Inhibition of neuronal high-voltage activated calcium channels by the omega-phoneutria nigriventer Tx3-3 peptide toxin. <i>Neuropharmacology</i> , 2000 , 39, 1756-67	5.5	54
11	Phoneutria nigriventer toxin Tx3-1 blocks A-type K+ currents controlling Ca2+ oscillation frequency in GH3 cells. <i>Journal of Neurochemistry</i> , 1999 , 72, 1472-81	6	53
10	PhTx4, a new class of toxins from Phoneutria nigriventer spider venom, inhibits the glutamate uptake in rat brain synaptosomes. <i>Brain Research</i> , 1999 , 831, 297-300	3.7	34
9	Cloning of cDNAs encoding neurotoxic peptides from the spider Phoneutria nigriventer. <i>Toxicon</i> , 1998 , 36, 1843-50	2.8	34
8	Cloning, cDNA sequence analysis and patch clamp studies of a toxin from the venom of the armed spider (<i>Phoneutria nigriventer</i>). <i>Toxicon</i> , 1998 , 36, 1971-80	2.8	38
7	Functional and structural features of gamma-zethionins, a new class of sodium channel blockers. <i>FEBS Letters</i> , 1998 , 440, 302-6	3.8	61
6	Tension generation and increase in voltage-activated Na+ current by crotamine. <i>European Journal of Pharmacology</i> , 1998 , 348, 167-73	5.3	24
5	A toxin from the spider Phoneutria nigriventer that blocks calcium channels coupled to exocytosis. <i>British Journal of Pharmacology</i> , 1997 , 122, 591-7	8.6	51
4	Depressive effects of arenobufagin on the delayed rectifier K+ current of guinea-pig cardiac myocytes. <i>European Journal of Pharmacology</i> , 1994 , 266, 317-25		15
3	Arenobufagin, a compound in toad venom, blocks Na(+)-K+ pump current in cardiac myocytes. <i>European Journal of Pharmacology</i> , 1993 , 239, 223-6	5.3	23

2	Utilization of O-phthalaldehyde-sulphuric acid as a spray reagent in thin-layer chromatographic detection of some indolealkylamines and application to cutaneous secretion extracts of toad species. <i>Talanta</i> , 1991 , 38, 1303-7	6.2	4
1	Proteomic analysis reveals stage-specific reprogramed metabolism for the primary breast cancer cell lines MGSO-3 and MACL-1. <i>Proteomics</i> ,2200095	4.8	1