

Jader Santos Cruz

List of Publications by Year in descending order

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149
papers

3,745
citations

136885

32
h-index

168321

53
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151
all docs

151
docs citations

151
times ranked

4745
citing authors

#	ARTICLE	IF	CITATIONS
1	Termination of Cardiac Ca ²⁺ Sparks: An Investigative Mathematical Model of Calcium-Induced Calcium Release. <i>Biophysical Journal</i> , 2002, 83, 59-78.	0.2	286
2	Impairment of In Vitro and In Vivo Heart Function in Angiotensin-(1-7) Receptor Mas Knockout Mice. <i>Hypertension</i> , 2006, 47, 996-1002.	1.3	211
3	Morphine peripheral analgesia depends on activation of the PI3K ^β /AKT/nNOS/NO/K ⁺ ATP signaling pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 4442-4447.	3.3	181
4	Study of anticonvulsant effect of citronellol, a monoterpene alcohol, in rodents. <i>Neuroscience Letters</i> , 2006, 401, 231-235.	1.0	130
5	Cellular and functional defects in a mouse model of heart failure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2000, 279, H3101-H3112.	1.5	108
6	Dysautonomia Due to Reduced Cholinergic Neurotransmission Causes Cardiac Remodeling and Heart Failure. <i>Molecular and Cellular Biology</i> , 2010, 30, 1746-1756.	1.1	70
7	Functional and structural features of \hat{I}^3 -zeathonins, a new class of sodium channel blockers. <i>FEBS Letters</i> , 1998, 440, 302-306.	1.3	68
8	The endocannabinoid system mediates aerobic exercise-induced antinociception in rats. <i>Neuropharmacology</i> , 2014, 77, 313-324.	2.0	65
9	Molecular identification of a TTX-sensitive Ca ²⁺ current. <i>American Journal of Physiology - Cell Physiology</i> , 2001, 280, C1327-C1339.	2.1	64
10	Inhibition of neuronal high-voltage activated calcium channels by the \hat{I}^3 -Phoneutria nigriventer Tx3-3 peptide toxin. <i>Neuropharmacology</i> , 2000, 39, 1756-1767.	2.0	62
11	Phoneutria nigriventer Toxin Tx3-1 Blocks A-Type K ⁺ Currents Controlling Ca ²⁺ Oscillation Frequency in GH3 Cells. <i>Journal of Neurochemistry</i> , 2001, 72, 1472-1481.	2.1	62
12	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.	1.7	61
13	Acute Resistance Exercise Induces Antinociception by Activation of the Endocannabinoid System in Rats. <i>Anesthesia and Analgesia</i> , 2014, 119, 702-715.	1.1	60
14	A toxin from the spider Phoneutria nigriventer that blocks calcium channels coupled to exocytosis. <i>British Journal of Pharmacology</i> , 1997, 122, 591-597.	2.7	59
15	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-H2045.	1.5	53
16	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, 119-128.	0.9	51
17	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, 130-140.	1.9	50
18	Electrophysiological characterization and molecular identification of the Phoneutria nigriventer peptide toxin PnTx2-61. <i>FEBS Letters</i> , 2002, 523, 219-223.	1.3	49

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19	Changes in cellular contractility and cytokines profile during <i>Trypanosoma cruzi</i> infection in mice. <i>Basic Research in Cardiology</i> , 2009, 104, 238-246.	2.5	47
20	Macrophage Damage by <i>Leishmania amazonensis</i> Cytolysin: Evidence of Pore Formation on Cell Membrane. <i>Infection and Immunity</i> , 2000, 68, 4578-4584.	1.0	46
21	Phosphatidylinositol 3-kinase up-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, 1458-1471.	2.7	41
22	Evaluation of the sesquiterpene (α)- β -bisabolol as a novel peripheral nervous blocker. <i>Neuroscience Letters</i> , 2010, 472, 11-15.	1.0	41
23	Distinct effects of carvone analogues on the isolated nerve of rats. <i>European Journal of Pharmacology</i> , 2010, 645, 108-112.	1.7	40
24	Essential oils components as a new path to understand ion channel molecular pharmacology. <i>Life Sciences</i> , 2011, 89, 540-544.	2.0	40
25	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, 1971-1980.	0.8	38
26	Structure and Activity Analysis of Two Spider Toxins That Alter Sodium Channel Inactivation Kinetics. <i>Biochemistry</i> , 2009, 48, 3078-3088.	1.2	37
27	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, 1481-1490.	0.2	37
28	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, 1650-1662.	2.0	35
29	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.	1.1	35
30	Exercise capacity is related to calcium transients in ventricular cardiomyocytes. <i>Journal of Applied Physiology</i> , 2009, 107, 593-598.	1.2	35
31	Cloning of cDNAs encoding neurotoxic peptides from the spider <i>Phoneutria nigriventer</i> . <i>Toxicon</i> , 1998, 36, 1843-1850.	0.8	34
32	PhTx4, a new class of toxins from <i>Phoneutria nigriventer</i> spider venom, inhibits the glutamate uptake in rat brain synaptosomes. <i>Brain Research</i> , 1999, 831, 297-300.	1.1	34
33	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, 338-344.	1.0	33
34	Rosewood oil induces sedation and inhibits compound action potential in rodents. <i>Journal of Ethnopharmacology</i> , 2009, 124, 440-443.	2.0	33
35	Rotundifolone-Induced Relaxation is Mediated by BKCa Channel Activation and Cav Channel Inactivation. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2011, 109, 465-475.	1.2	31
36	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, 100-107.	1.7	30

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37	Functional Cross-Talk Between Aldosterone and Angiotensin-(1-7) in Ventricular Myocytes. <i>Hypertension</i> , 2013, 61, 425-430.	1.3	30
38	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, 534-544.	1.2	30
39	Abolition of reperfusion-induced arrhythmias in hearts from thiamine-deficient rats. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007, 293, H394-H401.	1.5	29
40	Current aspects of thiamine deficiency on heart function. <i>Life Sciences</i> , 2014, 98, 1-5.	2.0	29
41	Hydroalcoholic extract from <i>Nerium oleander</i> L. (Apocynaceae) elicits arrhythmogenic activity. <i>Journal of Ethnopharmacology</i> , 2017, 206, 170-177.	2.0	29
42	Tension generation and increase in voltage-activated Na ⁺ current by crostamine. <i>European Journal of Pharmacology</i> , 1998, 348, 167-173.	1.7	28
43	Cardiotoxic effects of <i>Loxosceles intermedia</i> spider venom and the recombinant venom toxin rLiD1. <i>Toxicon</i> , 2010, 56, 1426-1435.	0.8	28
44	Arenobufagin, a compound in toad venom, blocks Na ⁺ -K ⁺ pump current in cardiac myocytes. <i>European Journal of Pharmacology</i> , 1993, 239, 223-226.	1.7	27
45	Eugenol modifies the excitability of rat sciatic nerve and superior cervical ganglion neurons. <i>Neuroscience Letters</i> , 2010, 472, 220-224.	1.0	27
46	Kinin B1 receptor participates in the control of cardiac function in mice. <i>Life Sciences</i> , 2007, 81, 814-822.	2.0	26
47	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, 539-543.	2.3	26
48	Calcium overload-induced arrhythmia is suppressed by farnesol in rat heart. <i>European Journal of Pharmacology</i> , 2019, 859, 172488.	1.7	25
49	Cardiac structural changes and electrical remodeling in a thiamine-deficiency model in rats. <i>Life Sciences</i> , 2009, 84, 817-824.	2.0	24
50	R(+)-pulegone impairs Ca ²⁺ homeostasis and causes negative inotropism in mammalian myocardium. <i>European Journal of Pharmacology</i> , 2011, 672, 135-142.	1.7	24
51	trans-Caryophyllene, a Natural Sesquiterpene, Causes Tracheal Smooth Muscle Relaxation through Blockade of Voltage-Dependent Ca ²⁺ Channels. <i>Molecules</i> , 2012, 17, 11965-11977.	1.7	24
52	Mechanism of the Antihypertensive and Vasorelaxant Effects of the Flavonoid Tiliroside in Resistance Arteries. <i>Planta Medica</i> , 2013, 79, 1003-1008.	0.7	24
53	N-type Ca ²⁺ 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.	1.5	24
54	TNF- α mediated upregulation of NaV1.7 currents in rat dorsal root ganglion neurons is independent of CRMP2 SUMOylation. <i>Molecular Brain</i> , 2019, 12, 117.	1.3	23

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55	Andrographolide protects against isoproterenol-induced myocardial infarction in rats through inhibition of L-type Ca ²⁺ and increase of cardiac transient outward K ⁺ currents. <i>European Journal of Pharmacology</i> , 2021, 906, 174194.	1.7	23
56	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.	0.8	22
57	Molecular mechanisms of cardiac electromechanical remodeling during Chagas disease: Role of TNF and TGF- β ² . <i>Trends in Cardiovascular Medicine</i> , 2017, 27, 81-91.	2.3	22
58	Increased oxidative stress and Ca ^{MKII} activity contribute to electro-mechanical defects in cardiomyocytes from a murine model of Huntington's disease. <i>FEBS Journal</i> , 2019, 286, 110-123.	2.2	22
59	Regional effects of low-intensity endurance training on structural and mechanical properties of rat ventricular myocytes. <i>Journal of Applied Physiology</i> , 2013, 115, 107-115.	1.2	21
60	Mechanisms of vascular dysfunction in acute phase of <i>Trypanosoma cruzi</i> infection in mice. <i>Vascular Pharmacology</i> , 2016, 82, 73-81.	1.0	20
61	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, 2523-2530.	1.2	19
62	Altered Cardiomyocyte Function and <i>Trypanosoma cruzi</i> Persistence in Chagas Disease. <i>American Journal of Tropical Medicine and Hygiene</i> , 2016, 94, 1028-1033.	0.6	19
63	TRPM8 Channel Activation Induced by Monoterpenoid Rotundifolone Underlies Mesenteric Artery Relaxation. <i>PLoS ONE</i> , 2015, 10, e0143171.	1.1	19
64	Novel insights into the development of chagasic cardiomyopathy: Role of PI3Kinase/NO axis. <i>International Journal of Cardiology</i> , 2013, 167, 3011-3020.	0.8	18
65	α -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.	1.5	18
66	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, 175909141985681.	1.5	18
67	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.	1.2	18
68	Depressive effects of arenobufagin on the delayed rectifier K ⁺ current of guinea-pig cardiac myocytes. <i>European Journal of Pharmacology</i> , 1994, 266, 317-325.	2.7	17
69	(S)-reticuline induces vasorelaxation through the blockade of L-type Ca ²⁺ channels. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2009, 379, 115-125.	1.4	17
70	Croton sonderianus essential oil samples distinctly affect rat airway smooth muscle. <i>Phytomedicine</i> , 2010, 17, 721-725.	2.3	17
71	Resurgent Na ⁺ current: A new avenue to neuronal excitability control. <i>Life Sciences</i> , 2011, 89, 564-569.	2.0	17
72	Carvacrol modulates voltage-gated sodium channels kinetics in dorsal root ganglia. <i>European Journal of Pharmacology</i> , 2015, 756, 22-29.	1.7	17

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73	(-)-Terpinen-4-ol changes intracellular Ca ²⁺ handling and induces pacing disturbance in rat hearts. <i>European Journal of Pharmacology</i> , 2017, 807, 56-63.	1.7	17
74	Comparative Cardiotoxicity of Low Doses of Digoxin, Ouabain, and Oleandrin. <i>Cardiovascular Toxicology</i> , 2020, 20, 539-547.	1.1	17
75	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, 1331-1339.	2.7	16
76	Cardiomyocyte dysfunction during the chronic phase of Chagas disease. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2013, 108, 243-245.	0.8	16
77	Investigation of terpinen-4-ol effects on vascular smooth muscle relaxation. <i>Life Sciences</i> , 2014, 115, 52-58.	2.0	16
78	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.	2.1	15
79	Mechanisms of artemether toxicity on single cardiomyocytes and protective effect of nanoencapsulation. <i>British Journal of Pharmacology</i> , 2020, 177, 4448-4463.	2.7	15
80	Detection of oral streptococci in dental biofilm from caries-active and caries-free children. <i>Brazilian Journal of Microbiology</i> , 2008, 39, 648-51.	0.8	14
81	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, 960-965.	0.7	14
82	The Peptide PnPP-19, a Spider Toxin Derivative, Activates μ -Opioid Receptors and Modulates Calcium Channels. <i>Toxins</i> , 2018, 10, 43.	1.5	14
83	Regulation of the glutamate uptake by extracellular calcium. <i>Brain Research</i> , 2002, 936, 21-26.	1.1	13
84	Investigation of the cardiomyocyte dysfunction in bradykinin type 2 receptor knockout mice. <i>Life Sciences</i> , 2010, 87, 715-723.	2.0	13
85	Thiamine deficiency leads to reduced nitric oxide production and vascular dysfunction in rats. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2014, 24, 183-188.	1.1	13
86	Functionalized nanomaterials: are they effective to perform gene delivery to difficult-to-transfect cells with no cytotoxicity?. <i>Nanoscale</i> , 2015, 7, 18036-18043.	2.8	13
87	New insights into the elucidation of angiotensin α 1 α 7 in vivo antiarrhythmic effects and its related cellular mechanisms. <i>Experimental Physiology</i> , 2016, 101, 1506-1516.	0.9	13
88	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.	0.7	13
89	Myocardial hypertrophy is prevented by farnesol through oxidative stress and ERK1/2 signaling pathways. <i>European Journal of Pharmacology</i> , 2020, 887, 173583.	1.7	13
90	Plasma cytokine response, lipid peroxidation and NF- κ B activation in skeletal muscle following maximum progressive swimming. <i>Brazilian Journal of Medical and Biological Research</i> , 2011, 44, 546-552.	0.7	12

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91	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, 155-157.	0.9	12
92	Inhibitory Effect of Terpinen-4-ol on Voltage-Dependent Potassium Currents in Rat Small Sensory Neurons. <i>Journal of Natural Products</i> , 2015, 78, 173-180.	1.5	12
93	Leftward Shift in the Voltage-Dependence for Ca ²⁺ Currents Activation Induced by a New Toxin from <i>Phoneutria reidi</i> (Araneae, Ctenidae) Venom. <i>Cellular and Molecular Neurobiology</i> , 2007, 27, 129-146.	1.7	11
94	Impaired cellular contractile function in thiamine-deficient rat cardiomyocytes. <i>European Journal of Heart Failure</i> , 2009, 11, 1126-1128.	2.9	11
95	Cardiovascular effects of Sp-CTX, a cytolyisin from the scorpionfish (<i>Scorpaena plumieri</i>) venom. <i>Toxicon</i> , 2016, 118, 141-148.	0.8	11
96	Non-invasive ECG recording and QT interval correction assessment in anesthetized rats and mice. <i>Pesquisa Veterinaria Brasileira</i> , 2019, 39, 409-415.	0.5	11
97	Veratridine modifies the TTX-resistant Na ⁺ channels in rat vagal afferent neurons. <i>Toxicon</i> , 2004, 43, 401-406.	0.8	10
98	Dissection of the Effects of Quercetin on Mouse Myocardium. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2017, 120, 550-559.	1.2	10
99	Angiotensin II increases excitability and inhibits a transient potassium current in vagal primary sensory neurons. <i>Neuropeptides</i> , 2009, 43, 193-199.	0.9	9
100	Thiamine deficiency in vitro accelerates A-type potassium current inactivation in cerebellar granule neurons. <i>Neuroscience</i> , 2012, 221, 108-114.	1.1	9
101	Investigation of the Involvement of the Endocannabinoid System in TENS-Induced Antinociception. <i>Journal of Pain</i> , 2020, 21, 820-835.	0.7	9
102	Glutamate transport in rat cerebellar granule cells is impaired by inorganic epileptogenic agents. <i>Neuroscience Letters</i> , 2001, 310, 85-88.	1.0	8
103	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 β -acetoxy-7 β -hydroxyvouacapan-17 β -oate. <i>Pharmacological Research</i> , 2015, 100, 242-249.	3.1	8
104	Vascular Kinin B1 and B2 Receptors Determine Endothelial Dysfunction through Neuronal Nitric Oxide Synthase. <i>Frontiers in Physiology</i> , 2017, 8, 228.	1.3	8
105	Chronic Sympathetic Hyperactivity Triggers Electrophysiological Remodeling and Disrupts Excitation-Contraction Coupling in Heart. <i>Scientific Reports</i> , 2020, 10, 8001.	1.6	8
106	S-limonene protects the heart in an experimental model of myocardial infarction induced by isoproterenol: Possible involvement of mitochondrial reactive oxygen species. <i>European Journal of Pharmacology</i> , 2022, 930, 175134.	1.7	8
107	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.	0.9	7
108	Thiamine Deficiency Increases Ca ²⁺ Current and CaV1.2 L-type Ca ²⁺ Channel Levels in Cerebellum Granular Neurons. <i>Cellular and Molecular Neurobiology</i> , 2017, 37, 453-460.	1.7	7

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109	Cardiac effect induced by <i>Crotalus durissus cascavella</i> venom: Morphofunctional evidence and mechanism of action. <i>Toxicology Letters</i> , 2021, 337, 121-133.	0.4	7
110	Dengue virus infection induces inflammation and oxidative stress on the heart. <i>Heart</i> , 2022, 108, 388-396.	1.2	7
111	A novel substrate for arrhythmias in Chagas disease. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009421.	1.3	7
112	Pharmacological evaluation of R(+)-pulegone on cardiac excitability: Role of potassium current blockage and control of action potential waveform. <i>Phytomedicine</i> , 2014, 21, 1146-1153.	2.3	6
113	Increase in Ca ²⁺ current by sustained cAMP levels enhances proliferation rate in GH3 cells. <i>Life Sciences</i> , 2018, 192, 144-150.	2.0	6
114	Diminazene aceturate (DIZE) has cellular and in vivo antiarrhythmic effects. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2020, 47, 213-219.	0.9	6
115	Inhibition of calcium/calmodulin (Ca ²⁺ /CaM)-dependent protein kinase II (CaMKII) axis reduces in vitro and ex vivo arrhythmias in experimental Chagas disease. <i>FASEB Journal</i> , 2021, 35, e21901.	0.2	6
116	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.	1.4	6
117	Diminazene Aceturate, an angiotensin converting enzyme 2 (ACE2) activator, promotes cardioprotection in ischemia/reperfusion-induced cardiac injury. <i>Peptides</i> , 2022, 151, 170746.	1.2	6
118	Tityustoxin effect on nerve compound action potentials requires extracellular sodium. <i>Neuroscience Letters</i> , 2000, 282, 25-28.	1.0	5
119	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.	1.4	5
120	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.	0.6	5
121	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, 443-454.	1.1	5
122	Redox-Active Drug, MnTE-2-PyP ⁵⁺ , Prevents and Treats Cardiac Arrhythmias Preserving Heart Contractile Function. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-15.	1.9	5
123	Biocidal Activity of a Nanoemulsion Containing Essential Oil from <i>Protium heptaphyllum</i> Resin against <i>Aedes aegypti</i> (Diptera: Culicidae). <i>Molecules</i> , 2021, 26, 6439.	1.7	5
124	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, 1303-1307.	2.9	4
125	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.	0.7	4
126	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, 382-389.	2.0	4

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127	Nerol Attenuates Ouabain-Induced Arrhythmias. Evidence-based Complementary and Alternative Medicine, 2019, 2019, 1-9.	0.5	4
128	Endogenous opioid and cannabinoid systems modulate the muscle pain: A pharmacological study into the peripheral site. European Journal of Pharmacology, 2021, 901, 174089.	1.7	4
129	A Probabilistic Model Checking Approach to Investigate the Palytoxin Effects on the Na ⁺ /K ⁺ -ATPase. Lecture Notes in Computer Science, 2012, , 84-96.	1.0	4
130	Palytoxin Inhibits the Sodium-Potassium Pump “ An Investigation of an Electrophysiological Model Using Probabilistic Model Checking. Lecture Notes in Computer Science, 2012, , 35-50.	1.0	3
131	(+)-Usnic Acid Isolated from the Lichen Cladonia substellata Impairs Myocardial Contractility. Planta Medica International Open, 2017, 4, e59-e65.	0.3	3
132	Resident Macrophages Orchestrating Heart Rate. Arquivos Brasileiros De Cardiologia, 2019, 112, 588-591.	0.3	3
133	Electrical Properties of Isolated Cardiomyocytes in a Rat Model of Thiamine Deficiency. Arquivos Brasileiros De Cardiologia, 2015, 104, 242-5.	0.3	3
134	SOCS2 expression in hematopoietic and non-hematopoietic cells during Trypanosoma cruzi infection: Correlation with immune response and cardiac dysfunction. Clinical Immunology, 2022, 234, 108913.	1.4	3
135	The positive inotropic effect of the ethyl acetate fraction from Erythrina velutina leaves on the mammalian myocardium: the role of adrenergic receptors. Journal of Pharmacy and Pharmacology, 2013, 65, 928-936.	1.2	2
136	Absence of suppressor of cytokine signaling 2 turns cardiomyocytes unresponsive to LIF-dependent increases in Ca ²⁺ levels. American Journal of Physiology - Cell Physiology, 2017, 312, C478-C486.	2.1	2
137	Anti-Bronchospasmodic Effect of JME-173, a Novel Mexiletine Analog Endowed With Highly Attenuated Anesthetic Activity. Frontiers in Pharmacology, 2020, 11, 1159.	1.6	2
138	Proteomic analysis reveals stage-specific reprogramed metabolism for the primary breast cancer cell lines MGSO-3 and MACL-1. Proteomics, 2022, 22, .	1.3	2
139	Morfologia e contratilidade em cardiomiócitos de ratos com baixo desempenho para o exercício fásico. Arquivos Brasileiros De Cardiologia, 2012, 98, 431-436.	0.3	1
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