

# Josã© Hamilton M Do Nascimento

## List of Publications by Year in descending order

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66  
papers

1,466  
citations

257101

24  
h-index

344852

36  
g-index

69  
all docs

69  
docs citations

69  
times ranked

1694  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cellular mechanism of the conduction abnormalities induced by serum from anti-Ro/SSA-positive patients in rabbit hearts.. Journal of Clinical Investigation, 1994, 93, 718-724.	3.9	135
2	Cardioprotective Properties of Humoral Factors Released From Rat Hearts Subject to Ischemic Preconditioning. Journal of Cardiovascular Pharmacology, 2007, 49, 214-220.	0.8	87
3	Cardiac autonomic dysfunction in rats chronically treated with anabolic steroid. European Journal of Applied Physiology, 2006, 96, 487-494.	1.2	85
4	Sera From Chronic Chagasic Patients With Complex Cardiac Arrhythmias Depress Electrogenesis and Conduction in Isolated Rabbit Hearts. Circulation, 1997, 96, 2031-2037.	1.6	80
5	Chronic treatment with anabolic steroids induces ventricular repolarization disturbances: Cellular, ionic and molecular mechanism. Journal of Molecular and Cellular Cardiology, 2010, 49, 165-175.	0.9	62
6	Nandrolone decanoate impairs exercise-induced cardioprotection: Role of antioxidant enzymes. Journal of Steroid Biochemistry and Molecular Biology, 2006, 99, 223-230.	1.2	53
7	Noninvasive method for electrocardiogram recording in conscious rats: feasibility for heart rate variability analysis. Anais Da Academia Brasileira De Ciencias, 2010, 82, 431-437.	0.3	49
8	Cardiac effects of oxytocin: Is there a role for this peptide in cardiovascular homeostasis?. Regulatory Peptides, 2005, 132, 107-112.	1.9	42
9	Human chagasic IgGs bind to cardiac muscarinic receptors and impair L-type Ca currents. Cardiovascular Research, 2003, 58, 55-65.	1.8	37
10	Beneficial effects of a novel agonist of the adenosine $A_{2A}$ receptor on monocrotaline-induced pulmonary hypertension in rats. British Journal of Pharmacology, 2013, 169, 953-962.	2.7	37
11	Chronic Administration of Anabolic Androgenic Steroid Alters Murine Thyroid Function. Medicine and Science in Sports and Exercise, 2006, 38, 256-261.	0.2	36
12	N-acylhydrazone derivative ameliorates monocrotaline-induced pulmonary hypertension through the modulation of adenosine $AA_{2R}$ activity. International Journal of Cardiology, 2014, 173, 154-162.	0.8	36
13	Cardiac Effects of Anabolic Steroids: Hypertrophy, Ischemia and Electrical Remodelling as Potential Triggers of Sudden Death. Mini-Reviews in Medicinal Chemistry, 2011, 11, 425-429.	1.1	34
14	Human antibodies with muscarinic activity modulate ventricular repolarization: Basis for electrical disturbance. International Journal of Cardiology, 2007, 115, 373-380.	0.8	33
15	Adenosine $A_{2A}$ receptor agonist prevents cardiac remodeling and dysfunction in spontaneously hypertensive male rats after myocardial infarction. Drug Design, Development and Therapy, 2017, Volume 11, 553-562.	2.0	31
16	Induction of in vitro heart block is not restricted to affinity purified anti-52 kDa Ro/SSA antibody from mothers of children with neonatal lupus. Lupus, 1998, 7, 141-147.	0.8	30
17	Administration of anabolic steroid during adolescence induces long-term cardiac hypertrophy and increases susceptibility to ischemia/reperfusion injury in adult Wistar rats. Journal of Steroid Biochemistry and Molecular Biology, 2017, 171, 34-42.	1.2	30
18	Aging-related compensated hypogonadism: Role of metabolomic analysis in physiopathological and therapeutic evaluation. Journal of Steroid Biochemistry and Molecular Biology, 2018, 183, 39-50.	1.2	30

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19	AT1 and Aldosterone Receptors Blockade Prevents the Chronic Effect of Nandrolone on the Exercise-Induced Cardioprotection in Perfused rat Heart Subjected to Ischemia and Reperfusion. <i>Cardiovascular Drugs and Therapy</i> , 2014, 28, 125-135.	1.3	29
20	Cardiac autonomic dysfunction in anabolic steroid users. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2013, 23, 548-555.	1.3	28
21	cGMP-mediated inhibition of cardiac L-type Ca <sup>2+</sup> -current by a monoclonal antibody against the M2 ACh receptor. <i>American Journal of Physiology - Cell Physiology</i> , 2001, 281, C1251-C1258.	2.1	26
22	Antibodies with beta-adrenergic activity from chronic chagasic patients modulate the QT interval and M cell action potential duration. <i>Europace</i> , 2008, 10, 868-876.	0.7	25
23	The Role of KATP Channels on Propofol Preconditioning in a Cellular Model of Renal Ischemia-Reperfusion. <i>Anesthesia and Analgesia</i> , 2009, 109, 1486-1492.	1.1	25
24	Abnormal cardiac repolarization in anabolic androgenic steroid users carrying out submaximal exercise testing. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2010, 37, 1129-1133.	0.9	25
25	Exercise-induced cardioprotection is impaired by anabolic steroid treatment through a redox-dependent mechanism. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2013, 138, 267-272.	1.2	25
26	The blockade of angiotensin <math>AT_{1}</math> and aldosterone receptors protects rats from synthetic androgen-induced cardiac autonomic dysfunction. <i>Acta Physiologica</i> , 2013, 208, 166-171.	1.8	25
27	Cardiac ischemia/reperfusion injury is inversely affected by thyroid hormones excess or deficiency in male Wistar rats. <i>PLoS ONE</i> , 2018, 13, e0190355.	1.1	22
28	Cardioprotection by the transfer of coronary effluent from ischaemic preconditioned rat hearts: identification of cardioprotective humoral factors. <i>Basic Research in Cardiology</i> , 2017, 112, 52.	2.5	21
29	Envolvimento de auto-anticorpos na fisiopatologia da Doenãa de Chagas. <i>Arquivos Brasileiros De Cardiologia</i> , 2008, 91, 281-286.	0.3	18
30	Could a high-fat diet rich in unsaturated fatty acids impair the cardiovascular system?. <i>Canadian Journal of Cardiology</i> , 2010, 26, 542-548.	0.8	16
31	Disfunãõo autonãmica e anticorpos contra receptores anti-m2 e anti-Î²1 em pacientes chagãisicos. <i>Arquivos Brasileiros De Cardiologia</i> , 2012, 99, 732-739.	0.3	16
32	Bone marrow mesenchymal stromal cells rescue cardiac function in streptozotocin-induced diabetic rats. <i>International Journal of Cardiology</i> , 2014, 171, 199-208.	0.8	15
33	Administration of an anabolic steroid during the adolescent phase changes the behavior, cardiac autonomic balance and fluid intake in male adult rats. <i>Physiology and Behavior</i> , 2014, 126, 15-24.	1.0	15
34	Anabolic steroid excess and myocardial infarction: From ischemia to reperfusion injury. <i>Steroids</i> , 2020, 161, 108660.	0.8	15
35	New Cardiomyokine Reduces Myocardial Ischemia/Reperfusion Injury by PI3K/ÅAKT Pathway Via a Putative KDEL-Receptor Binding. <i>Journal of the American Heart Association</i> , 2021, 10, e019685.	1.6	15
36	The Effect of Acute Aerobic Exercise on Redox Homeostasis and Mitochondrial Function of Rat White Adipose Tissue. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-15.	1.9	15

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37	A novel Ca <sup>2+</sup> channel antagonist reverses cardiac hypertrophy and pulmonary arteriolar remodeling in experimental pulmonary hypertension. <i>European Journal of Pharmacology</i> , 2013, 702, 316-322.	1.7	14
38	Exogenous 10 kDa-Heat Shock Protein Preserves Mitochondrial Function After Hypoxia/Reoxygenation. <i>Frontiers in Pharmacology</i> , 2020, 11, 545.	1.6	12
39	Ilex paraguariensis, exercise and cardioprotection: A retrospective analysis. <i>Journal of Functional Foods</i> , 2019, 53, 105-108.	1.6	10
40	BKCa Channel Activation Attenuates the Pathophysiological Progression of Monocrotaline-Induced Pulmonary Arterial Hypertension in Wistar Rats. <i>Cardiovascular Drugs and Therapy</i> , 2021, 35, 719-732.	1.3	8
41	Isolation of Mitochondria From Fresh Mice Lung Tissue. <i>Frontiers in Physiology</i> , 2021, 12, 748261.	1.3	8
42	The negative inotropic action of canrenone is mediated by L-type calcium current blockade and reduced intracellular calcium transients. <i>British Journal of Pharmacology</i> , 2009, 158, 580-587.	2.7	7
43	Effects of Incretin-Based Therapies on Neuro-Cardiovascular Dynamic Changes Induced by High Fat Diet in Rats. <i>PLoS ONE</i> , 2016, 11, e0148402.	1.1	7
44	Autoantibodies with beta-adrenergic activity from chronic chagasic patients induce cardiac arrhythmias and early afterdepolarization in a drug-induced LQT2 rabbit hearts. <i>International Journal of Cardiology</i> , 2017, 240, 354-359.	0.8	7
45	Long-term effect of a chronic low-protein multid deficient diet on the heart: Hypertension and heart failure in chronically malnourished young adult rats. <i>International Journal of Cardiology</i> , 2017, 238, 43-56.	0.8	7
46	Short-term consumption of Ilex paraguariensis extracts protects isolated hearts from ischemia/reperfusion injury and contradicts exercise-mediated cardioprotection. <i>Applied Physiology, Nutrition and Metabolism</i> , 2017, 42, 1149-1157.	0.9	7
47	Paradoxical effect of testosterone supplementation therapy on cardiac ischemia/reperfusion injury in aged rats. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019, 191, 105335.	1.2	7
48	The presence of antiautonomic membrane receptor antibodies do not correlate with brain lesions in Chagas' disease. <i>Arquivos De Neuro-Psiquiatria</i> , 2009, 67, 633-638.	0.3	6
49	Inibiçãõ da corrente de cálcio tipo L por tramadol e enantiômeros em miócitos cardíacos de ratos. <i>Arquivos Brasileiros De Cardiologia</i> , 2011, 97, 324-331.	0.3	6
50	Ventricular Arrhythmias are Related to the Presence of Autoantibodies With Adrenergic Activity in Chronic Chagasic Patients With Preserved Left Ventricular Function. <i>Journal of Cardiac Failure</i> , 2012, 18, 423-431.	0.7	6
51	Acute exposure to C60 fullerene damages pulmonary mitochondrial function and mechanics. <i>Nanotoxicology</i> , 2021, 15, 352-365.	1.6	6
52	Acute cardiovascular response in anabolic androgenic steroid users performing maximal treadmill exercise testing. <i>Journal of Strength and Conditioning Research</i> , 2010, 24, 1688-1695.	1.0	5
53	Cardiac electrical and contractile disorders promoted by anabolic steroid overdose are associated with late autonomic imbalance and impaired Ca <sup>2+</sup> handling. <i>Steroids</i> , 2019, 148, 1-10.	0.8	5
54	Ca <sup>2+</sup> -entry blockade by CAF603, a carotane sesquiterpene isolated from <i>Trichoderma virens</i> . <i>European Journal of Pharmacology</i> , 1997, 335, 153-159.	1.7	4

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55	Cardiac programming in rats submitted to leptin treatment during lactation. International Journal of Cardiology, 2015, 181, 141-143.	0.8	4
56	New Benzofuran N-Acylhydrazone Reduces Cardiovascular Dysfunction in Obese Rats by Blocking TNF-Alpha Synthesis. Drug Design, Development and Therapy, 2020, Volume 14, 3337-3350.	2.0	4
57	Methylmercury Poisoning Induces Cardiac Electrical Remodeling and Increases Arrhythmia Susceptibility and Mortality. International Journal of Molecular Sciences, 2020, 21, 3490.	1.8	4
58	Spontaneous and Isoprenaline-evoked response of isolated heart preparations from rats submitted to leptin treatment during lactation. International Journal of Cardiology, 2015, 195, 48-50.	0.8	3
59	Effects of high intensity interval training on neuro-cardiovascular dynamic changes and mitochondrial dysfunction induced by high-fat diet in rats. PLoS ONE, 2020, 15, e0240060.	1.1	3
60	Piper tectoniifolium Kunth: A New Natural Source of the Bioactive Neolignan (âˆ™)-Grandisin. Molecules, 2022, 27, 1151.	1.7	3
61	Voltageâ€dependent calcium and chloride currents in S17 bone marrow stromal cell line. Journal of Cellular Physiology, 2010, 223, 244-251.	2.0	2
62	Chronic enalapril treatment increases transient outward potassium current in cardiomyocytes isolated from right ventricle of spontaneously hypertensive rats. Naunyn-Schmiedeberg's Archives of Pharmacology, 2017, 390, 225-234.	1.4	2
63	Expression of potassium channels is relevant for cell survival and migration in a murine bone marrow stromal cell line. Journal of Cellular Physiology, 2019, 234, 18086-18097.	2.0	2
64	Anabolic steroid excess promotes hydroelectrolytic and autonomic imbalance in adult male rats: Is it enough to alter blood pressure?. Steroids, 2020, 163, 108711.	0.8	2
65	3,5â€Iiodothyronine protects against cardiac ischaemiaâ€reperfusion injury in male rats. Experimental Physiology, 2021, 106, 2185-2197.	0.9	2
66	Neurophysiological Repercussions of Anabolic Steroid Abuse: A Road into Neurodegenerative Disorders. , 0, , .		0