

Rogério F Ribeiro

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

1,508
citations

331538

21
h-index

330025

37
g-index

51
all docs

51
docs citations

51
times ranked

2797
citing authors

#	ARTICLE	IF	CITATIONS
1	Cardiomyocyte deletion of mitofusin-1 leads to mitochondrial fragmentation and improves tolerance to ROS-induced mitochondrial dysfunction and cell death. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2012, 302, H167-H179.	1.5	165
2	Sex hormones in the cardiovascular system. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2014, 18, 89-103.	0.3	116
3	Dietary Fat and Heart Failure: Moving From Lipotoxicity to Lipoprotection. <i>Circulation Research</i> , 2012, 110, 764-776.	2.0	105
4	MitoQ improves mitochondrial dysfunction in heart failure induced by pressure overload. <i>Free Radical Biology and Medicine</i> , 2018, 117, 18-29.	1.3	100
5	Sex Hormones Promote Opposite Effects on ACE and ACE2 Activity, Hypertrophy and Cardiac Contractility in Spontaneously Hypertensive Rats. <i>PLoS ONE</i> , 2015, 10, e0127515.	1.1	98
6	Assessment of cardiac proteome dynamics with heavy water: slower protein synthesis rates in interfibrillar than subsarcolemmal mitochondria. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2013, 304, H1201-H1214.	1.5	66
7	Glucose 6-Phosphate Dehydrogenase Deficiency Increases Redox Stress and Moderately Accelerates the Development of Heart Failure. <i>Circulation: Heart Failure</i> , 2013, 6, 118-126.	1.6	66
8	Acute Lead Exposure Increases Arterial Pressure: Role of the Renin-Angiotensin System. <i>PLoS ONE</i> , 2011, 6, e18730.	1.1	59
9	Left and Right Ventricle Late Remodeling Following Myocardial Infarction in Rats. <i>PLoS ONE</i> , 2013, 8, e64986.	1.1	54
10	Low-Level Lead Exposure Increases Systolic Arterial Pressure and Endothelium-Derived Vasodilator Factors in Rat Aortas. <i>PLoS ONE</i> , 2011, 6, e17117.	1.1	50
11	Chronic iron overload in rats increases vascular reactivity by increasing oxidative stress and reducing nitric oxide bioavailability. <i>Life Sciences</i> , 2015, 143, 89-97.	2.0	41
12	Cardiac mitochondrial proteome dynamics with heavy water reveals stable rate of mitochondrial protein synthesis in heart failure despite decline in mitochondrial oxidative capacity. <i>Journal of Molecular and Cellular Cardiology</i> , 2014, 75, 88-97.	0.9	34
13	Low Mercury Concentration Produces Vasoconstriction, Decreases Nitric Oxide Bioavailability and Increases Oxidative Stress in Rat Conductance Artery. <i>PLoS ONE</i> , 2012, 7, e49005.	1.1	33
14	Myocardial Contractile Dysfunction Induced by Ovariectomy Requires AT1Receptor Activation in Female Rats. <i>Cellular Physiology and Biochemistry</i> , 2012, 30, 1-12.	1.1	28
15	Carvedilol Prevents Ovariectomy-Induced Myocardial Contractile Dysfunction in Female Rat. <i>PLoS ONE</i> , 2013, 8, e53226.	1.1	26
16	Sex differences in the regulation of spatially distinct cardiac mitochondrial subpopulations. <i>Molecular and Cellular Biochemistry</i> , 2016, 419, 41-51.	1.4	26
17	Exposure to low mercury concentration in vivo impairs myocardial contractile function. <i>Toxicology and Applied Pharmacology</i> , 2011, 255, 193-199.	1.3	24
18	Myocardial contractility is preserved early but reduced late after ovariectomy in young female rats. <i>Reproductive Biology and Endocrinology</i> , 2011, 9, 54.	1.4	23

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19	Docosahexaenoic Acid Supplementation Alters Key Properties of Cardiac Mitochondria and Modestly Attenuates Development of Left Ventricular Dysfunction in Pressure Overload-Induced Heart Failure. <i>Cardiovascular Drugs and Therapy</i> , 2013, 27, 499-510.	1.3	23
20	Acute exposure to lead increases myocardial contractility independent of hypertension development. <i>Brazilian Journal of Medical and Biological Research</i> , 2013, 46, 178-185.	0.7	23
21	Effects of glucose-6-phosphate dehydrogenase deficiency on the metabolic and cardiac responses to obesogenic or high-fructose diets. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012, 303, E959-E972.	1.8	22
22	Chronic iron overload induces functional and structural vascular changes in small resistance arteries via NADPH oxidase-dependent O ₂ ^{•-} production. <i>Toxicology Letters</i> , 2017, 279, 43-52.	0.4	22
23	Enhanced resistance to permeability transition in interfibrillar cardiac mitochondria in dogs: effects of aging and long-term aldosterone infusion. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2013, 304, H514-H528.	1.5	20
24	Activation of K ⁺ channels and Na ⁺ /K ⁺ ATPase prevents aortic endothelial dysfunction in 7-day lead-treated rats. <i>Toxicology and Applied Pharmacology</i> , 2012, 262, 22-31.	1.3	19
25	SERCA-2a is involved in the right ventricular function following myocardial infarction in rats. <i>Life Sciences</i> , 2015, 124, 24-30.	2.0	17
26	Tributyltin chloride increases phenylephrine-induced contraction and vascular stiffness in mesenteric resistance arteries from female rats. <i>Toxicology and Applied Pharmacology</i> , 2016, 295, 26-36.	1.3	17
27	Ventricular performance and Na ⁺ -K ⁺ ATPase activity are reduced early and late after myocardial infarction in rats. <i>Brazilian Journal of Medical and Biological Research</i> , 2009, 42, 902-911.	0.7	16
28	Na ⁺ /K ⁺ -ATPase Activity and K ⁺ Channels Differently Contribute to Vascular Relaxation in Male and Female Rats. <i>PLoS ONE</i> , 2014, 9, e106345.	1.1	15
29	Testosterone deficiency prevents left ventricular contractility dysfunction after myocardial infarction. <i>Molecular and Cellular Endocrinology</i> , 2018, 460, 14-23.	1.6	15
30	Soybean oil increases SERCA2a expression and left ventricular contractility in rats without change in arterial blood pressure. <i>Lipids in Health and Disease</i> , 2010, 9, 53.	1.2	13
31	Effect of a high-protein diet on development of heart failure in response to pressure overload. <i>Applied Physiology, Nutrition and Metabolism</i> , 2014, 39, 238-247.	0.9	13
32	A single resistance exercise session improves myocardial contractility in spontaneously hypertensive rats. <i>Brazilian Journal of Medical and Biological Research</i> , 2015, 48, 813-821.	0.7	13
33	Exercise modulates the aortic renin-angiotensin system independently of estrogen therapy in ovariectomized hypertensive rats. <i>Peptides</i> , 2017, 87, 41-49.	1.2	13
34	Tributyltin and Vascular Dysfunction: The Role of Oxidative Stress. <i>Frontiers in Endocrinology</i> , 2018, 9, 354.	1.5	13
35	Linoleic acid reduces vascular reactivity and improves the vascular dysfunction of the small mesentery in hypertension. <i>Journal of Nutritional Biochemistry</i> , 2018, 62, 18-27.	1.9	13
36	Cardiotoxicity of environmental contaminant tributyltin involves myocyte oxidative stress and abnormal Ca ²⁺ handling. <i>Environmental Pollution</i> , 2019, 247, 371-382.	3.7	12

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37	Effects of Chronic Exposure to Mercury on Angiotensin-Converting Enzyme Activity and Oxidative Stress in Normotensive and Hypertensive Rats. <i>Arquivos Brasileiros De Cardiologia</i> , 2018, 112, 374-380.	0.3	12
38	Estrogen regulates spatially distinct cardiac mitochondrial subpopulations. <i>Mitochondrion</i> , 2017, 35, 87-96.	1.6	10
39	Evaluation of Docosahexaenoic Acid in a Dog Model of Hypertension Induced Left Ventricular Hypertrophy. <i>Journal of Cardiovascular Translational Research</i> , 2013, 6, 1000-1010.	1.1	9
40	Increased endothelial nitric oxide production after low level lead exposure in rats involves activation of angiotensin II receptors and PI3K/Akt pathway. <i>Toxicology</i> , 2020, 443, 152557.	2.0	9
41	Low-level lead exposure changes endothelial modulation in rat resistance pulmonary arteries. <i>Vascular Pharmacology</i> , 2016, 85, 21-28.	1.0	8
42	Low-salt diet increases NO bioavailability and COX-2 vasoconstrictor prostanoid production in spontaneously hypertensive rats. <i>Life Sciences</i> , 2016, 145, 66-73.	2.0	7
43	Low-dose ouabain administration increases Na ⁺ ,K ⁺ -ATPase activity and reduces cardiac force development in rats. <i>Pharmacological Reports</i> , 2015, 67, 253-259.	1.5	6
44	Vascular activation of K ⁺ channels and Na ⁺ -K ⁺ ATPase activity of estrogen-deficient female rats. <i>Vascular Pharmacology</i> , 2017, 99, 23-33.	1.0	6
45	Endurance training restores spatially distinct cardiac mitochondrial function and myocardial contractility in ovariectomized rats. <i>Free Radical Biology and Medicine</i> , 2019, 130, 174-188.	1.3	6
46	Cardiac protein changes in rats after soybean oil treatment: a proteomic study. <i>Lipids in Health and Disease</i> , 2015, 14, 26.	1.2	3
47	Treatment with high dose of atorvastatin reduces vascular injury in diabetic rats. <i>Pharmacological Reports</i> , 2016, 68, 865-873.	1.5	2
48	Resistance training promotes reduction in Visceral Adiposity without improvements in Cardiomyocyte Contractility and Calcium handling in Obese Rats. <i>International Journal of Medical Sciences</i> , 2020, 17, 1819-1832.	1.1	2
49	Mg ²⁺ Inhibits Cardiac SR Calcium Release and has Biphasic Effects on Calmodulin Binding to RyR2. <i>Biophysical Journal</i> , 2017, 112, 255a.	0.2	0
50	Tributytin Induces Negative Inotropic Effect, Reduces Cardiac SR Calcium Content and Increases Calcium Sparks Frequency in Cardiomyocytes. <i>Biophysical Journal</i> , 2018, 114, 501a.	0.2	0