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List of Publications by Year
in descending order

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50 papers	1,508 citations	331670 21 h-index	330143 37 g-index
51 all docs	51 docs citations	51 times ranked	2797 citing authors

#	Article	IF	Citations
1	Increased endothelial nitric oxide production after low level lead exposure in rats involves activation of angiotensin II receptors and PI3K/Akt pathway. Toxicology, 2020, 443, 152557.	4.2	9
2	Resistance training promotes reduction in Visceral Adiposity without improvements in Cardiomyocyte Contractility and Calcium handling in Obese Rats. International Journal of Medical Sciences, 2020, 17, 1819-1832.	2.5	2
3	Cardiotoxicity of environmental contaminant tributyltin involves myocyte oxidative stress and abnormal Ca2+ handling. Environmental Pollution, 2019, 247, 371-382.	7.5	12
4	Endurance training restores spatially distinct cardiac mitochondrial function and myocardial contractility in ovariectomized rats. Free Radical Biology and Medicine, 2019, 130, 174-188.	2.9	6
5	MitoQ improves mitochondrial dysfunction in heart failure induced by pressure overload. Free Radical Biology and Medicine, 2018, 117, 18-29.	2.9	100
6	Testosterone deficiency prevents left ventricular contractility dysfunction after myocardial infarction. Molecular and Cellular Endocrinology, 2018, 460, 14-23.	3.2	15
7	Tributytin Induces Negative Inotropic Effect, Reduces Cardiac SR Calcium Content and Increases Calcium Sparks Frequency in Cardiomyocytes. Biophysical Journal, 2018, 114, 501a.	0.5	0
8	Tributyltin and Vascular Dysfunction: The Role of Oxidative Stress. Frontiers in Endocrinology, 2018, 9, 354.	3.5	13
9	Linoleic acid reduces vascular reactivity and improves the vascular dysfunction of the small mesentery in hypertension. Journal of Nutritional Biochemistry, 2018, 62, 18-27.	4.2	13
10	Effects of Chronic Exposure to Mercury on Angiotensin-Converting Enzyme Activity and Oxidative Stress in Normotensive and Hypertensive Rats. Arquivos Brasileiros De Cardiologia, 2018, 112, 374-380.	0.8	12
11	Estrogen regulates spatially distinct cardiac mitochondrial subpopulations. Mitochondrion, 2017, 35, 87-96.	3.4	10
12	Mg 2+ Inhibits Cardiac SR Calcium Release and has Biphasic Effects on Calmodulin Binding to RyR2. Biophysical Journal, 2017, 112, 255a.	0.5	0
13	Vascular activation of K+ channels and Na+-K+ ATPase activity of estrogen-deficient female rats. Vascular Pharmacology, 2017, 99, 23-33.	2.1	6
14	Chronic iron overload induces functional and structural vascular changes in small resistance arteries via NADPH oxidase-dependent O 2 â^' production. Toxicology Letters, 2017, 279, 43-52.	0.8	22
15	Exercise modulates the aortic renin-angiotensin system independently of estrogen therapy in ovariectomized hypertensive rats. Peptides, 2017, 87, 41-49.	2.4	13
16	Sex differences in the regulation of spatially distinct cardiac mitochondrial subpopulations. Molecular and Cellular Biochemistry, 2016, 419, 41-51.	3.1	26
17	Treatment with high dose of atorvastatin reduces vascular injury in diabetic rats. Pharmacological Reports, 2016, 68, 865-873.	3.3	2
18	Low-level lead exposure changes endothelial modulation in rat resistance pulmonary arteries. Vascular Pharmacology, 2016, 85, 21-28.	2.1	8

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19	Tributyltin chloride increases phenylephrine-induced contraction and vascular stiffness in mesenteric resistance arteries from female rats. Toxicology and Applied Pharmacology, 2016, 295, 26-36.	2.8	17
20	Low-salt diet increases NO bioavailability and COX-2 vasoconstrictor prostanoid production in spontaneously hypertensive rats. Life Sciences, 2016, 145, 66-73.	4.3	7
21	A single resistance exercise session improves myocardial contractility in spontaneously hypertensive rats. Brazilian Journal of Medical and Biological Research, 2015, 48, 813-821.	1.5	13
22	Cardiac protein changes in rats after soybean oil treatment: a proteomic study. Lipids in Health and Disease, 2015, 14, 26.	3.0	3
23	SERCA-2a is involved in the right ventricular function following myocardial infarction in rats. Life Sciences, 2015, 124, 24-30.	4.3	17
24	Chronic iron overload in rats increases vascular reactivity by increasing oxidative stress and reducing nitric oxide bioavailability. Life Sciences, 2015, 143, 89-97.	4.3	41
25	Low-dose ouabain administration increases Na+,K+-ATPase activity and reduces cardiac force development in rats. Pharmacological Reports, 2015, 67, 253-259.	3.3	6
26	Sex Hormones Promote Opposite Effects on ACE and ACE2 Activity, Hypertrophy and Cardiac Contractility in Spontaneously Hypertensive Rats. PLoS ONE, 2015, 10, e0127515.	2.5	98
27	Na+K+-ATPase Activity and K+ Channels Differently Contribute to Vascular Relaxation in Male and Female Rats. PLoS ONE, 2014, 9, e106345.	2.5	15
28	Effect of a high-protein diet on development of heart failure in response to pressure overload. Applied Physiology, Nutrition and Metabolism, 2014, 39, 238-247.	1.9	13
29	Sex hormones in the cardiovascular system. Hormone Molecular Biology and Clinical Investigation, 2014, 18, 89-103.	0.7	116
30	Cardiac mitochondrial proteome dynamics with heavy water reveals stable rate of mitochondrial protein synthesis in heart failure despite decline in mitochondrial oxidative capacity. Journal of Molecular and Cellular Cardiology, 2014, 75, 88-97.	1.9	34
31	Evaluation of Docosahexaenoic Acid in a Dog Model of Hypertension Induced Left Ventricular Hypertrophy. Journal of Cardiovascular Translational Research, 2013, 6, 1000-1010.	2.4	9
32	Docosahexaenoic Acid Supplementation Alters Key Properties of Cardiac Mitochondria and Modestly Attenuates Development of Left Ventricular Dysfunction in Pressure Overload-Induced Heart Failure. Cardiovascular Drugs and Therapy, 2013, 27, 499-510.	2.6	23
33	Assessment of cardiac proteome dynamics with heavy water: slower protein synthesis rates in interfibrillar than subsarcolemmal mitochondria. American Journal of Physiology - Heart and Circulatory Physiology, 2013, 304, H1201-H1214.	3.2	66
34	Enhanced resistance to permeability transition in interfibrillar cardiac mitochondria in dogs: effects of aging and long-term aldosterone infusion. American Journal of Physiology - Heart and Circulatory Physiology, 2013, 304, H514-H528.	3.2	20
35	Glucose 6-Phosphate Dehydrogenase Deficiency Increases Redox Stress and Moderately Accelerates the Development of Heart Failure. Circulation: Heart Failure, 2013, 6, 118-126.	3.9	66
36	Acute exposure to lead increases myocardial contractility independent of hypertension development. Brazilian Journal of Medical and Biological Research, 2013, 46, 178-185.	1.5	23

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37	Carvedilol Prevents Ovariectomy-Induced Myocardial Contractile Dysfunction in Female Rat. PLoS ONE, 2013, 8, e53226.	2.5	26
38	Left and Right Ventricle Late Remodeling Following Myocardial Infarction in Rats. PLoS ONE, 2013, 8, e64986.	2.5	54
39	Effects of glucose-6-phosphate dehydrogenase deficiency on the metabolic and cardiac responses to obesogenic or high-fructose diets. American Journal of Physiology - Endocrinology and Metabolism, 2012, 303, E959-E972.	3.5	22
40	Cardiomyocyte deletion of mitofusin-1 leads to mitochondrial fragmentation and improves tolerance to ROS-induced mitochondrial dysfunction and cell death. American Journal of Physiology - Heart and Circulatory Physiology, 2012, 302, H167-H179.	3.2	165
41	Myocardial Contractile Dysfunction Induced by Ovariectomy Requires AT1Receptor Activation in Female Rats. Cellular Physiology and Biochemistry, 2012, 30, 1-12.	1.6	28
42	Dietary Fat and Heart Failure: Moving From Lipotoxicity to Lipoprotection. Circulation Research, 2012, 110, 764-776.	4.5	105
43	Activation of K+ channels and Na+/K+ ATPase prevents aortic endothelial dysfunction in 7-day lead-treated rats. Toxicology and Applied Pharmacology, 2012, 262, 22-31.	2.8	19
44	Low Mercury Concentration Produces Vasoconstriction, Decreases Nitric Oxide Bioavailability and Increases Oxidative Stress in Rat Conductance Artery. PLoS ONE, 2012, 7, e49005.	2.5	33
45	Acute Lead Exposure Increases Arterial Pressure: Role of the Renin-Angiotensin System. PLoS ONE, 2011, 6, e18730.	2.5	59
46	Exposure to low mercury concentration in vivo impairs myocardial contractile function. Toxicology and Applied Pharmacology, 2011, 255, 193-199.	2.8	24
47	Myocardial contractility is preserved early but reduced late after ovariectomy in young female rats. Reproductive Biology and Endocrinology, 2011, 9, 54.	3.3	23
48	Low-Level Lead Exposure Increases Systolic Arterial Pressure and Endothelium-Derived Vasodilator Factors in Rat Aortas. PLoS ONE, 2011, 6, e17117.	2.5	50
49	Soybean oil increases SERCA2a expression and left ventricular contractility in rats without change in arterial blood pressure. Lipids in Health and Disease, 2010, 9, 53.	3.0	13
50	Ventricular performance and Na+-K+ ATPase activity are reduced early and late after myocardial infarction in rats. Brazilian Journal of Medical and Biological Research, 2009, 42, 902-911.	1.5	16