

# Leonardo dos Santos

## List of Publications by Year in descending order

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67  
papers

1,236  
citations

394421

19  
h-index

395702

33  
g-index

67  
all docs

67  
docs citations

67  
times ranked

2044  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rat Adipose Tissue-Derived Stem Cells Transplantation Attenuates Cardiac Dysfunction Post Infarction and Biopolymers Enhance Cell Retention. PLoS ONE, 2010, 5, e12077.	2.5	104
2	Circulating Dipeptidyl Peptidase IV Activity Correlates With Cardiac Dysfunction in Human and Experimental Heart Failure. Circulation: Heart Failure, 2013, 6, 1029-1038.	3.9	98
3	Strength Training Preserves the Bone Mineral Density of Postmenopausal Women Without Hormone Replacement Therapy. Journal of Aging and Health, 2009, 21, 519-527.	1.7	88
4	Cell Therapy Attenuates Cardiac Dysfunction Post Myocardial Infarction: Effect of Timing, Routes of Injection and a Fibrin Scaffold. PLoS ONE, 2009, 4, e6005.	2.5	80
5	Physical Exercise Improves The Functional Capacity and Quality of Life in Patients With Heart Failure. Clinics, 2008, 63, 437-442.	1.5	65
6	Repercussions of training and detraining by water-based exercise on functional fitness and quality of life: a short-term follow-up in healthy older women. Clinics, 2010, 65, 1305-1309.	1.5	55
7	Chronic iron overload intensifies atherosclerosis in apolipoprotein E deficient mice: Role of oxidative stress and endothelial dysfunction. Life Sciences, 2019, 233, 116702.	4.3	53
8	Increased NHE3 abundance and transport activity in renal proximal tubule of rats with heart failure. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2012, 302, R166-R174.	1.8	48
9	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
10	Left Ventricle Radio-frequency Ablation in the Rat: A New Model of Heart Failure due to Myocardial Infarction Homogeneous in Size and Low in Mortality. Journal of Cardiac Failure, 2009, 15, 540-548.	1.7	37
11	Ouabain Changes Arterial Blood Pressure and Vascular Reactivity to Phenylephrine in L-NAME-Induced Hypertension. Journal of Cardiovascular Pharmacology, 2003, 41, 105-116.	1.9	36
12	Post-exercise hypotension and heart rate variability response after water- and land-ergometry exercise in hypertensive patients. PLoS ONE, 2017, 12, e0180216.	2.5	32
13	Bone marrow cell therapy prevents infarct expansion and improves border zone remodeling after coronary occlusion in rats. International Journal of Cardiology, 2010, 145, 34-39.	1.7	28
14	Low-level Chronic Lead Exposure Impairs Neural Control of Blood Pressure and Heart Rate in Rats. Cardiovascular Toxicology, 2017, 17, 190-199.	2.7	28
15	Cyclooxygenase pathway is involved in the vascular reactivity and inhibition of the Na <sup>+</sup> , K <sup>+</sup> -ATPase activity in the tail artery from L-NAME-treated rats. Life Sciences, 2003, 74, 613-627.	4.3	26
16	Effects of high sodium intake diet on the vascular reactivity to phenylephrine on rat isolated caudal and renal vascular beds: Endothelial modulation. Life Sciences, 2006, 78, 2272-2279.	4.3	25
17	Acute iron overload leads to hypothalamic-pituitary-gonadal axis abnormalities in female rats. Toxicology Letters, 2016, 240, 196-213.	0.8	25
18	Chronic iron overload induces functional and structural vascular changes in small resistance arteries via NADPH oxidase-dependent O <sub>2</sub> <sup>•-</sup> production. Toxicology Letters, 2017, 279, 43-52.	0.8	22

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19	Remodelamento miocárdico após grandes infartos converte potenciação pós-pausa em decaimento da força em ratos. Arquivos Brasileiros De Cardiologia, 2012, 98, 243-251.	0.8	21
20	Chronic iron overload induces vascular dysfunction in resistance pulmonary arteries associated with right ventricular remodeling in rats. Toxicology Letters, 2018, 295, 296-306.	0.8	19
21	Potential Role of Dipeptidyl Peptidase IV in the Pathophysiology of Heart Failure. International Journal of Molecular Sciences, 2015, 16, 4226-4249.	4.1	18
22	Mechanisms involved in the in vitro contractile dysfunction induced by different concentrations of ferrous iron in the rat myocardium. Toxicology in Vitro, 2016, 36, 38-45.	2.4	18
23	Moderate Resistive Training Maintains Bone Mineral Density and Improves Functional Fitness in Postmenopausal Women. Journal of Aging Research, 2010, 2010, 1-6.	0.9	17
24	Use of afterload hemodynamic stress as a practical method for assessing cardiac performance in rats with heart failure. Canadian Journal of Physiology and Pharmacology, 2010, 88, 724-732.	1.4	17
25	Overview of the Pathophysiological Implications of Organotins on the Endocrine System. Frontiers in Endocrinology, 2018, 9, 101.	3.5	17
26	Exercise Attenuates Renal Dysfunction with Preservation of Myocardial Function in Chronic Kidney Disease. PLoS ONE, 2013, 8, e55363.	2.5	16
27	Dipeptidyl Peptidase IV Inhibition Exerts Renoprotective Effects in Rats with Established Heart Failure. Frontiers in Physiology, 2016, 7, 293.	2.8	15
28	Cell therapy prevents structural, functional and molecular remodeling of remote non-infarcted myocardium. International Journal of Cardiology, 2013, 168, 3829-3836.	1.7	14
29	Preservation of cardiac function in left ventricle cardiac hypertrophy using an AAV vector which provides VEGF-A expression in response to p53. Virology, 2015, 476, 106-114.	2.4	14
30	The contributions of dipeptidyl peptidase IV to inflammation in heart failure. American Journal of Physiology - Heart and Circulatory Physiology, 2016, 310, H1760-H1772.	3.2	13
31	Intermittent Exposure to Chlorpyrifos Differentially Impacts Neuroreflex Control of Cardiorespiratory Function in Rats. Cardiovascular Toxicology, 2019, 19, 548-564.	2.7	12
32	HYPERBARIC OXYGENATION APPLIED IMMEDIATELY AFTER CORONARY OCCLUSION REDUCES MYOCARDIAL NECROSIS AND ACUTE MORTALITY IN RATS. Clinical and Experimental Pharmacology and Physiology, 2009, 36, 594-598.	1.9	11
33	Diagnosis of Systemic Diseases Using Infrared Spectroscopy: Detection of Iron Overload in Plasma—Preliminary Study. Biological Trace Element Research, 2021, 199, 3737-3751.	3.5	11
34	Impaired participation of potassium channels and Na <sup>+</sup> /K <sup>+</sup> -ATPase in vasodilatation due to reduced nitric oxide bioavailability in rats exposed to mercury. Basic and Clinical Pharmacology and Toxicology, 2019, 124, 190-198.	2.5	9
35	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
36	Hyperbaric oxygenation improves redox control and reduces mortality in the acute phase of myocardial infarction in a rat model. Molecular Medicine Reports, 2020, 21, 1431-1438.	2.4	9

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37	Low-level lead exposure changes endothelial modulation in rat resistance pulmonary arteries. <i>Vascular Pharmacology</i> , 2016, 85, 21-28.	2.1	8
38	Blockade of angiotensin AT 1 receptors prevents arterial remodelling and stiffening in iron-overloaded rats. <i>British Journal of Pharmacology</i> , 2020, 177, 1119-1130.	5.4	8
39	Iron overload, oxidative stress and vascular dysfunction: Evidences from clinical studies and animal models. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2022, 1866, 130172.	2.4	8
40	Dipeptidyl peptidase-4 inhibition prevents vascular dysfunction induced by $\beta^2$ -adrenergic hyperactivity. <i>Biomedicine and Pharmacotherapy</i> , 2019, 113, 108733.	5.6	7
41	The antidotes atropine and pralidoxime distinctively recover cardiorespiratory components impaired by acute poisoning with chlorpyrifos in rats. <i>Toxicology and Applied Pharmacology</i> , 2020, 389, 114879.	2.8	7
42	Postprandial increase in glucagon-like peptide-1 is blunted in severe heart failure. <i>Clinical Science</i> , 2020, 134, 1081-1094.	4.3	7
43	Chronic Iron Overload Restrains the Benefits of Aerobic Exercise to the Vasculature. <i>Biological Trace Element Research</i> , 2020, 198, 521-534.	3.5	6
44	Maternal protein restriction compromises myocardial contractility in the young adult rat by changing proteins involved in calcium handling. <i>Journal of Applied Physiology</i> , 2016, 120, 344-350.	2.5	5
45	Drag Reduction by Polymers in Saline Nutrient Solutions. <i>Journal of Fluids Engineering, Transactions of the ASME</i> , 2020, 142, .	1.5	5
46	SLOW INOTROPIC RESPONSE OF INTACT LEFT VENTRICLE TO SUDDEN DILATION CRITICALLY DEPENDS ON A MYOCARDIAL DIALYSABLE FACTOR. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2007, 34, 515-516.	1.9	4
47	Losartan and captopril treatment rescue normal thrombus formation in microfibril associated glycoprotein-1 (MAGP1) deficient mice. <i>Thrombosis Research</i> , 2016, 138, 7-15.	1.7	4
48	Moderate-intensity aerobic training reduces cardiac damage attributable to experimental iron overload in rats. <i>Experimental Physiology</i> , 2021, 106, 1772-1784.	2.0	3
49	Physical exercise attenuates stress-induced hypertension in rats but not the impairments on the myocardial mechanics. <i>Journal of Hypertension</i> , 2022, 40, 528-535.	0.5	3
50	Short-Term Cigarette Smoking in Rats Impairs Physical Capacity and Induces Cardiac Remodeling. <i>BioMed Research International</i> , 2020, 2020, 1-7.	1.9	2
51	Hypercaloric diet models do not develop heart failure, but the excess sucrose promotes contractility dysfunction. <i>PLoS ONE</i> , 2020, 15, e0228860.	2.5	2
52	Changes in the renal function after acute mercuric chloride exposure in the rat are associated with renal vascular endothelial dysfunction and proximal tubule NHE3 inhibition. <i>Toxicology Letters</i> , 2021, 341, 23-32.	0.8	2
53	Approaches in Physical Activity: From Basic to Applied Research. <i>BioMed Research International</i> , 2016, 2016, 1-4.	1.9	1
54	Mercury Biodistribution in Rats after Chronic Exposure to Mercury Chloride. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	1

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55	Post-weaning protein malnutrition induces myocardial dysfunction associated with oxidative stress and altered calcium handling proteins in adult rats. <i>Journal of Physiology and Biochemistry</i> , 2021, 77, 261-272.	3.0	1
56	Chronic aerobic exercise associated to low-dose L-NAME improves contractility without changing calcium handling in rat cardiomyocytes. <i>Brazilian Journal of Medical and Biological Research</i> , 2020, 53, e8761.	1.5	1
57	Approaches in Physical Activity: From Basic to Applied Research 2017. <i>BioMed Research International</i> , 2018, 2018, 1-2.	1.9	0
58	Differential vasodilator effect of Dioclea rostrata lectin in conductance and resistance arteries: Mechanisms and glycoconjugate binding relationships. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2021, 129, 130-138.	2.5	0
59	SALT RETENTION IN HEART FAILURE IS ASSOCIATED WITH UPREGULATION OF NHE3 IN RENAL PROXIMAL TUBULE. <i>FASEB Journal</i> , 2011, 25, 1041.4.	0.5	0
60	Title is missing!. , 2020, 15, e0228860.		0
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62	Title is missing!. , 2020, 15, e0228860.		0
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