Paulo Jf Tucci

List of Publications by Year
in descending order

99 papers	1,869 citations	279798 23 h-index	345221 36 g-index
103 all docs	103 docs citations	103 times ranked	2767 citing authors

#	Article	IF	Citations
1	Platelet-derived exosomes from septic shock patients induce myocardial dysfunction. Critical Care, 2007, 11, R120.	5.8	116
2	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
3	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
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	Expression of MicroRNA-29 and Collagen in Cardiac Muscle after Swimming Training in Myocardial-Infarcted Rats. Cellular Physiology and Biochemistry, 2014, 33, 657-669.	1.6	79
6	Exercise training inhibits inflammatory cytokines and more than prevents myocardial dysfunction in rats with sustained Î²â€adrenergic hyperactivity. Journal of Physiology, 2010, 588, 2431-2442.	2.9	50
7	Exercise training-induced enhancement in myocardial mechanics is lost after 2Âweeks of detraining in rats. European Journal of Applied Physiology, 2010, 109, 909-914.	2.5	49
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	Empagliflozin Inhibits Proximal Tubule NHE3 Activity, Preserves GFR, and Restores Euvolemia in Nondiabetic Rats with Induced Heart Failure. Journal of the American Society of Nephrology: JASN, 2021, 32, 1616-1629.	6.1	46
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	The action of pre-exerciseÂlow-level laser therapy (LLLT) on the expression of IL-6 and TNF-Î± proteins and on the functional fitness of elderly rats subjected to aerobic training. Lasers in Medical Science, 2015, 30, 1127-1134.	2.1	34
12	Effects of low level laser therapy on attachment, proliferation, and gene expression of VEGF and VEGF receptor 2 of adipocyte-derived mesenchymal stem cells cultivated under nutritional deficiency. Lasers in Medical Science, 2015, 30, 217-223.	2.1	34
13	Dexamethasone-induced cardiac deterioration is associated with both calcium handling abnormalities and calcineurin signaling pathway activation. Molecular and Cellular Biochemistry, 2017, 424, 87-98.	3.1	33
14	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
15	Protective effects of photobiomodulation against resistance exercise-induced muscle damage and inflammation in rats. Journal of Sports Sciences, 2018, 36, 2349-2357.	2.0	30
16	The effect of low-level laser therapy on oxidative stress and functional fitness in aged rats subjected to swimming: an aerobic exercise. Lasers in Medical Science, 2016, 31, 833-840.	2.1	29
17	Myocardial Performance Index in Female Rats with Myocardial Infarction: Relationship with Ventricular Function Parameters by Doppler Echocardiography. Journal of the American Society of Echocardiography, 2005, 18, 454-460.	2.8	28
18	SWIMMING TRAINING ATTENUATES REMODELING, CONTRACTILE DYSFUNCTION AND CONGESTIVE HEART FAILURE IN RATS WITH MODERATE AND LARGE MYOCARDIAL INFARCTIONS. Clinical and Experimental Pharmacology and Physiology, 2009, 36, 394-399.	1.9	28

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19	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
20	Changes in GABAergic inputs in the paraventricular nucleus maintain sympathetic vasomotor tone in chronic heart failure. Autonomic Neuroscience: Basic and Clinical, 2012, 171, 41-48.	2.8	27
21	Amelioration of Cardiac Function and Activation of Anti-Inflammatory Vasoactive Peptides Expression in the Rat Myocardium by Low Level Laser Therapy. PLoS ONE, 2014, 9, e101270.	2.5	27
22	Exercise training prevents Î²â€adrenergic hyperactivityâ€induced myocardial hypertrophy and lesions. European Journal of Heart Failure, 2008, 10, 534-539.	7.1	26
23	NÃvel de atividade fÃsica em professores da rede estadual de ensino. Revista De Saude Publica, 2012, 46, 104-109.	1.7	25
24	Exercise Training Can Prevent Cardiac Hypertrophy Induced by Sympathetic Hyperactivity with Modulation of Kallikrein-Kinin Pathway and Angiogenesis. PLoS ONE, 2014, 9, e91017.	2.5	25
25	CaracterÃsticas fisiopatolÃ³gicas do modelo de insuficiÃªncia cardÃaca pÃ³s-infarto do miocÃ¡rdio no rato. Arquivos Brasileiros De Cardiologia, 2011, 96, 420-424.	0.8	23
26	Structural and functional characteristics of rat hearts with and without myocardial infarct. Initial experience with doppler echocardiography. Arquivos Brasileiros De Cardiologia, 2000, 75, 125-36.	0.8	22
27	Exercise training contributes to H2O2/VEGF signaling in the lung of rats with monocrotaline-induced pulmonary hypertension. Vascular Pharmacology, 2016, 87, 49-59.	2.1	22
28	Intramyocardial transplantation of fibroblasts expressing vascular endothelial growth factor attenuates cardiac dysfunction. Gene Therapy, 2010, 17, 305-314.	4.5	21
29	Remodelamento miocÃ¡rdico apÃ³s grandes infartos converte potenciaÃ§Ã£o pÃ³s-pausa em decaimento da forÃ§a em ratos. Arquivos Brasileiros De Cardiologia, 2012, 98, 243-251.	0.8	21
30	Myocardial infarction scar plication in the rat: cardiac mechanics in an animal model for surgical procedures. Annals of Thoracic Surgery, 2002, 73, 1507-1513.	1.3	19
31	Aerobic exercise training improves oxidative stress and ubiquitin proteasome system activity in heart of spontaneously hypertensive rats. Molecular and Cellular Biochemistry, 2015, 402, 193-202.	3.1	19
32	Photobiomodulation therapy combined with carvedilol attenuates post-infarction heart failure by suppressing excessive inflammation and oxidative stress in rats. Scientific Reports, 2019, 9, 9425.	3.3	19
33	Previous exercise training increases levels of PPAR-Î± in long-term post-myocardial infarction in rats, which is correlated with better inflammatory response. Clinics, 2016, 71, 163-168.	1.5	18
34	Ischemia/reperfusion is an independent trigger for increasing myocardial content of mRNA B-type natriuretic peptide. Heart and Vessels, 2009, 24, 454-9.	1.2	17
35	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
36	Exercise Attenuates Renal Dysfunction with Preservation of Myocardial Function in Chronic Kidney Disease. PLoS ONE, 2013, 8, e55363.	2.5	16

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37	Influence of Fluid Volume Variations on the Calculated Value of the Left Ventricular Mass Measured by Echocardiogram in Patients Submitted to Hemodialysis. Renal Failure, 2003, 25, 43-53.	2.1	15
38	Doppler Echocardiographic Predictors of Mortality in Female Rats After Myocardial Infarction. Journal of Cardiac Failure, 2009, 15, 163-168.	1.7	15
39	Hemodynamic and thermoregulatory effects of xylazine-ketamine mixture persist even after the anesthetic stage in rats. Arquivo Brasileiro De Medicina Veterinaria E Zootecnia, 2012, 64, 860-864.	0.4	15
40	Dipeptidyl Peptidase IV Inhibition Exerts Renoprotective Effects in Rats with Established Heart Failure. Frontiers in Physiology, 2016, 7, 293.	2.8	15
41	Photobiomodulation Leads to Reduced Oxidative Stress in Rats Submitted to High-Intensity Resistive Exercise. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-9.	4.0	15
42	Gender-Based Differences in Cardiac Remodeling and ILK Expression after Myocardial Infarction. Arquivos Brasileiros De Cardiologia, 2014, 103, 124-30.	0.8	15
43	Isoproterenol-Induced Hypertrophy May Result In Distinct Left Ventricular Changes. Clinical and Experimental Pharmacology and Physiology, 2000, 27, 352-357.	1.9	14
44	Cell therapy prevents structural, functional and molecular remodeling of remote non-infarcted myocardium. International Journal of Cardiology, 2013, 168, 3829-3836.	1.7	14
45	Immediate Functional Effects of Left Ventricular Reduction: A Doppler Echocardiographic Study in the Rat. Journal of Cardiac Failure, 2006, 12, 163-169.	1.7	13
46	Long-term effects for acute phase myocardial infarct VEGF165gene transfer cardiac extracellular matrix remodeling. Growth Factors, 2009, 27, 22-31.	1.7	13
47	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
48	RepercussÃµes cardÃacas apÃ³s infarto do miocÃ¡rdio em ratas submetidas previamente a exercÃcio fÃsico. Arquivos Brasileiros De Cardiologia, 2013, 100, 37-43.	0.8	12
49	Low-level laser therapy alleviates the deleterious effect of doxorubicin on rat adipose tissue-derived mesenchymal stem cells. Journal of Photochemistry and Photobiology B: Biology, 2019, 196, 111512.	3.8	12
50	Coronary vascular and myocardial lesions due to experimental constriction of the abdominal aorta. International Journal of Cardiology, 1992, 35, 253-257.	1.7	11
51	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
52	Prior exercise training does not prevent acute cardiac alterations after myocardial infarction in female rats. Clinics, 2011, 66, 889-893.	1.5	11
53	Treadmill Exercise Training Prevents Myocardial Mechanical Dysfunction Induced by Androgenic-Anabolic Steroid Treatment in Rats. PLoS ONE, 2014, 9, e87106.	2.5	11
54	Enhancing the Therapeutic Potential of Mesenchymal Stem Cells with Light-Emitting Diode: Implications and Molecular Mechanisms. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-11.	4.0	11

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55	Developed Force of Papillary Muscle What Index Correctly Indicates Contractile Capacity?. International Heart Journal, 2009, 50, 643-652.	1.0	11
56	Digitoxin Prolongs Survival of Female Rats With Heart Failure Due to Large Myocardial Infarction. Journal of Cardiac Failure, 2009, 15, 798-804.	1.7	10
57	Exercise Training Attenuates Right Ventricular Remodeling in Rats with Pulmonary Arterial Stenosis. Frontiers in Physiology, 2016, 7, 541.	2.8	10
58	Aerobic exercise training induces an anti-apoptotic milieu in myocardial tissue. Motriz Revista De Educacao Fisica, 2014, 20, 233-238.	0.2	9
59	Paradoxical Sleep Deprivation Causes Cardiac Dysfunction and the Impairment Is Attenuated by Resistance Training. PLoS ONE, 2016, 11, e0167029.	2.5	9
60	Effect of photobiomodulation therapy on oxidative stress markers of gastrocnemius muscle of diabetic rats subjected to high-intensity exercise. Lasers in Medical Science, 2018, 33, 1781-1790.	2.1	9
61	Photobiomodulation Therapy on Myocardial Infarction in Rats: Transcriptional and Posttranscriptional Implications to Cardiac Remodeling. Lasers in Surgery and Medicine, 2021, 53, 1247-1257.	2.1	9
62	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
63	Are there gender differences in left ventricular remodeling after myocardial infarction in rats?. Brazilian Journal of Cardiovascular Surgery, 2014, 30, 70-6.	0.6	9
64	Food restriction does not impair myocardial mechanics during the healing period of myocardial infarction in the rat. Nutrition Research, 2005, 25, 1075-1084.	2.9	8
65	Comparative mRNA and MicroRNA Profiling during Acute Myocardial Infarction Induced by Coronary Occlusion and Ablation Radio-Frequency Currents. Frontiers in Physiology, 2016, 7, 565.	2.8	8
66	Role of low-level laser therapy on the cardiac remodeling after myocardial infarction: A systematic review of experimental studies. Life Sciences, 2016, 151, 109-114.	4.3	8
67	Association of Exercise Training with Tobacco Smoking Prevents Fibrosis but has Adverse Impact on Myocardial Mechanics. Nicotine and Tobacco Research, 2016, 18, 2268-2272.	2.6	8
68	Low-Level Laser Application in the Early Myocardial Infarction Stage Has No Beneficial Role in Heart Failure. Frontiers in Physiology, 2017, 8, 23.	2.8	8
69	Exercise Training Potentiates The Cardioprotective Effects of Stem Cells Post-infarction. Heart Lung and Circulation, 2019, 28, 263-271.	0.4	8
70	Post-resistance exercise photobiomodulation therapy has a more effective antioxidant effect than pre-application on muscle oxidative stress. Photochemical and Photobiological Sciences, 2021, 20, 585-595.	2.9	8
71	The negative inotropic action of canrenone is mediated by Lâ€type calcium current blockade and reduced intracellular calcium transients. British Journal of Pharmacology, 2009, 158, 580-587.	5.4	7
72	Severity of the cardiac impairment determines whether digitalis prolongs or reduces survival of rats with heart failure due to myocardial infarction. International Journal of Cardiology, 2013, 167, 357-361.	1.7	7

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73	Postprandial increase in glucagon-like peptide-1 is blunted in severe heart failure. Clinical Science, 2020, 134, 1081-1094.	4.3	7
74	Radiofrequency Ablation Does Not Induce Apoptosis in the Rat Myocardium. PACE - Pacing and Clinical Electrophysiology, 2012, 35, 449-455.	1.2	6
75	Low-level laser therapy prevents muscle oxidative stress in rats subjected to high-intensity resistance exercise in a dose-dependent manner. Lasers in Medical Science, 2020, 35, 1689-1694.	2.1	6
76	Coenzyme Q₁₀ Exogenous Administration Attenuates Cold Stress Cardiac Injury. International Heart Journal, 2001, 42, 327-338.	0.6	6
77	A NOVEL INEXPENSIVE MURINE MODEL OF ORAL CHRONIC DIGITALIZATION. Clinical and Experimental Pharmacology and Physiology, 2004, 31, 365-366.	1.9	5
78	Linear periodization of strength training in blocks attenuates hypertension and diastolic dysfunction with normalization of myocardial collagen content in spontaneously hypertensive rats. Journal of Hypertension, 2020, 38, 73-81.	0.5	5
79	Photobiomodulation therapy's effects on cardiac fibrosis activation after experimental myocardial infarction. Lasers in Surgery and Medicine, 2022, , .	2.1	5
80	Unraveling the interplay between dipeptidyl peptidase 4 and the renin-angiotensin system in heart failure. Life Sciences, 2022, 305, 120757.	4.3	5
81	Heart rate modulates the slow enhancement of contraction due to sudden left ventricular dilation. American Journal of Physiology - Heart and Circulatory Physiology, 2001, 280, H2136-H2143.	3.2	4
82	SLOW INOTROPIC RESPONSE OF INTACT LEFT VENTRICLE TO SUDDEN DILATION CRITICALLY DEPENDS ON A MYOCARDIAL DIALYSABLE FACTOR. Clinical and Experimental Pharmacology and Physiology, 2007, 34, 515-516.	1.9	4
83	To be or not to be physically active: Insights for a real chance to have an appropriate body mass in a sample of teachers. Work, 2015, 52, 441-446.	1.1	4
84	How should experimental myocardial infarction size be reported?. International Journal of Cardiology, 2016, 214, 189-190.	1.7	4
85	Swimming Training Improves Myocardial Mechanics, Prevents Fibrosis, and Alters Expression of Ca2+ Handling Proteins in Older Rats. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2018, 73, 468-474.	3.6	4
86	Predicted Equation for VO2 Based on a 20-Meter Multistage Shuttle Run Test for Children. International Journal of Sports Medicine, 2018, 39, 1049-1054.	1.7	4
87	Delayed Reperfusionâ€"Coronary Artery Reperfusion Close to Complete Myocardial Necrosis Benefits Remote Myocardium and Is Enhanced by Exercise. Frontiers in Physiology, 2019, 10, 157.	2.8	4
88	Digitoxin Attenuates Heart Failure, Reduces Myocardial Hypertrophy, and Preserves the Calcium-Binding Proteins in Infarcted Rats. Journal of Cardiovascular Pharmacology and Therapeutics, 2020, 25, 265-272.	2.0	4
89	Increased Myocardial Retention of Mesenchymal Stem Cells Post-MI by Pre-Conditioning Exercise Training. Stem Cell Reviews and Reports, 2020, 16, 730-741.	3.8	4
90	A common oral pathogen <i>Porphyromonas gingivalis</i> induces myocarditis in rats. Journal of Clinical Periodontology, 2022, 49, 506-517.	4.9	4

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91	Thermotolerance does not reduce the size or remodeling of radiofrequency lesions in the rat myocardium. Journal of Interventional Cardiac Electrophysiology, 2013, 36, 5-11.	1.3	3
92	Atrial fibrillation promotion in a rat model of heart failure induced by left ventricle radiofrequency ablation. IJC Heart and Vasculature, 2018, 21, 22-28.	1.1	3
93	Physical exercise attenuates stress-induced hypertension in rats but not the impairments on the myocardial mechanics. Journal of Hypertension, 2022, 40, 528-535.	0.5	3
94	Cardiovascular risk and quality of life in supermarket cashiers: The role of physical activity. Work, 2020, 67, 459-465.	1.1	2
95	Exercise Training in Boosting Post-Mi Mesenchymal Stem Cell Therapy. Stem Cell Reviews and Reports, 2021, 17, 2361-2363.	3.8	2
96	Digitoxin improves cardiovascular autonomic control in rats with heart failure. Canadian Journal of Physiology and Pharmacology, 2016, 94, 643-650.	1.4	1
97	Sudden death in Brazil: epilepsy shuld be in horizon. Arquivos Brasileiros De Cardiologia, 2015, 105, 197-8.	0.8	1
98	Responses mediated by the RVLM on splancnic and renal sympathetic nerve activity in heart failure rats. FASEB Journal, 2006, 20, .	0.5	0
99	Minieditorial â€“ Impacto do Tabagismo Passivo na Resposta PressÃ³rica Ã Epinefrina e Felipressina em Ratos Hipertensos 1K1C Tratados ou nÃ£o com Atenolol. Arquivos Brasileiros De Cardiologia, 2020, 114, 304.	0.8	0