

Paulo Jf Tucci

List of Publications by Year in descending order

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Version: 2024-02-01

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 | 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 |
| 2 | A common oral pathogen <i>Porphyromonas gingivalis</i> induces myocarditis in rats. <i>Journal of Clinical Periodontology</i> , 2022, 49, 506-517. | 4.9 | 4 |
| 3 | Photobiomodulation therapy's effects on cardiac fibrosis activation after experimental myocardial infarction. <i>Lasers in Surgery and Medicine</i> , 2022, , . | 2.1 | 5 |
| 4 | Unraveling the interplay between dipeptidyl peptidase 4 and the renin-angiotensin system in heart failure. <i>Life Sciences</i> , 2022, 305, 120757. | 4.3 | 5 |
| 5 | Enhancing the Therapeutic Potential of Mesenchymal Stem Cells with Light-Emitting Diode: Implications and Molecular Mechanisms. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-11. | 4.0 | 11 |
| 6 | Photobiomodulation Therapy on Myocardial Infarction in Rats: Transcriptional and Posttranscriptional Implications to Cardiac Remodeling. <i>Lasers in Surgery and Medicine</i> , 2021, 53, 1247-1257. | 2.1 | 9 |
| 7 | Post-resistance exercise photobiomodulation therapy has a more effective antioxidant effect than pre-application on muscle oxidative stress. <i>Photochemical and Photobiological Sciences</i> , 2021, 20, 585-595. | 2.9 | 8 |
| 8 | Empagliflozin Inhibits Proximal Tubule NHE3 Activity, Preserves GFR, and Restores Euvolemia in Nondiabetic Rats with Induced Heart Failure. <i>Journal of the American Society of Nephrology: JASN</i> , 2021, 32, 1616-1629. | 6.1 | 46 |
| 9 | Exercise Training in Boosting Post-Mi Mesenchymal Stem Cell Therapy. <i>Stem Cell Reviews and Reports</i> , 2021, 17, 2361-2363. | 3.8 | 2 |
| 10 | Digitoxin Attenuates Heart Failure, Reduces Myocardial Hypertrophy, and Preserves the Calcium-Binding Proteins in Infarcted Rats. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 2020, 25, 265-272. | 2.0 | 4 |
| 11 | Low-level laser therapy prevents muscle oxidative stress in rats subjected to high-intensity resistance exercise in a dose-dependent manner. <i>Lasers in Medical Science</i> , 2020, 35, 1689-1694. | 2.1 | 6 |
| 12 | Cardiovascular risk and quality of life in supermarket cashiers: The role of physical activity. <i>Work</i> , 2020, 67, 459-465. | 1.1 | 2 |
| 13 | Linear periodization of strength training in blocks attenuates hypertension and diastolic dysfunction with normalization of myocardial collagen content in spontaneously hypertensive rats. <i>Journal of Hypertension</i> , 2020, 38, 73-81. | 0.5 | 5 |
| 14 | Increased Myocardial Retention of Mesenchymal Stem Cells Post-MI by Pre-Conditioning Exercise Training. <i>Stem Cell Reviews and Reports</i> , 2020, 16, 730-741. | 3.8 | 4 |
| 15 | Postprandial increase in glucagon-like peptide-1 is blunted in severe heart failure. <i>Clinical Science</i> , 2020, 134, 1081-1094. | 4.3 | 7 |
| 16 | Hyperbaric oxygenation improves redox control and reduces mortality in the acute phase of myocardial infarction in a rat model. <i>Molecular Medicine Reports</i> , 2020, 21, 1431-1438. | 2.4 | 9 |
| 17 | Minireview "Impacto do Tabagismo Passivo na Resposta PressÃ³rica Ã Epinefrina e Felipressina em Ratos Hipertensos 1K1C Tratados ou nÃ£o com Atenolol. <i>Arquivos Brasileiros De Cardiologia</i> , 2020, 114, 304. | 0.8 | 0 |
| 18 | Photobiomodulation therapy combined with carvedilol attenuates post-infarction heart failure by suppressing excessive inflammation and oxidative stress in rats. <i>Scientific Reports</i> , 2019, 9, 9425. | 3.3 | 19 |

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|----|--|-----|-----------|
| 19 | Low-level laser therapy alleviates the deleterious effect of doxorubicin on rat adipose tissue-derived mesenchymal stem cells. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2019, 196, 111512. | 3.8 | 12 |
| 20 | Delayed Reperfusionâ€™ Coronary Artery Reperfusion Close to Complete Myocardial Necrosis Benefits Remote Myocardium and Is Enhanced by Exercise. <i>Frontiers in Physiology</i> , 2019, 10, 157. | 2.8 | 4 |
| 21 | Exercise Training Potentiates The Cardioprotective Effects of Stem Cells Post-infarction. <i>Heart Lung and Circulation</i> , 2019, 28, 263-271. | 0.4 | 8 |
| 22 | Swimming Training Improves Myocardial Mechanics, Prevents Fibrosis, and Alters Expression of Ca ²⁺ Handling Proteins in Older Rats. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2018, 73, 468-474. | 3.6 | 4 |
| 23 | Protective effects of photobiomodulation against resistance exercise-induced muscle damage and inflammation in rats. <i>Journal of Sports Sciences</i> , 2018, 36, 2349-2357. | 2.0 | 30 |
| 24 | Predicted Equation for VO ₂ Based on a 20-Meter Multistage Shuttle Run Test for Children. <i>International Journal of Sports Medicine</i> , 2018, 39, 1049-1054. | 1.7 | 4 |
| 25 | Atrial fibrillation promotion in a rat model of heart failure induced by left ventricle radiofrequency ablation. <i>IJC Heart and Vasculature</i> , 2018, 21, 22-28. | 1.1 | 3 |
| 26 | Effect of photobiomodulation therapy on oxidative stress markers of gastrocnemius muscle of diabetic rats subjected to high-intensity exercise. <i>Lasers in Medical Science</i> , 2018, 33, 1781-1790. | 2.1 | 9 |
| 27 | Photobiomodulation Leads to Reduced Oxidative Stress in Rats Submitted to High-Intensity Resistive Exercise. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-9. | 4.0 | 15 |
| 28 | Dexamethasone-induced cardiac deterioration is associated with both calcium handling abnormalities and calcineurin signaling pathway activation. <i>Molecular and Cellular Biochemistry</i> , 2017, 424, 87-98. | 3.1 | 33 |
| 29 | Low-Level Laser Application in the Early Myocardial Infarction Stage Has No Beneficial Role in Heart Failure. <i>Frontiers in Physiology</i> , 2017, 8, 23. | 2.8 | 8 |
| 30 | Post-exercise hypotension and heart rate variability response after water- and land-ergometry exercise in hypertensive patients. <i>PLoS ONE</i> , 2017, 12, e0180216. | 2.5 | 32 |
| 31 | Paradoxical Sleep Deprivation Causes Cardiac Dysfunction and the Impairment Is Attenuated by Resistance Training. <i>PLoS ONE</i> , 2016, 11, e0167029. | 2.5 | 9 |
| 32 | Dipeptidyl Peptidase IV Inhibition Exerts Renoprotective Effects in Rats with Established Heart Failure. <i>Frontiers in Physiology</i> , 2016, 7, 293. | 2.8 | 15 |
| 33 | Exercise Training Attenuates Right Ventricular Remodeling in Rats with Pulmonary Arterial Stenosis. <i>Frontiers in Physiology</i> , 2016, 7, 541. | 2.8 | 10 |
| 34 | Comparative mRNA and MicroRNA Profiling during Acute Myocardial Infarction Induced by Coronary Occlusion and Ablation Radio-Frequency Currents. <i>Frontiers in Physiology</i> , 2016, 7, 565. | 2.8 | 8 |
| 35 | Exercise training contributes to H ₂ O ₂ /VEGF signaling in the lung of rats with monocrotaline-induced pulmonary hypertension. <i>Vascular Pharmacology</i> , 2016, 87, 49-59. | 2.1 | 22 |
| 36 | Role of low-level laser therapy on the cardiac remodeling after myocardial infarction: A systematic review of experimental studies. <i>Life Sciences</i> , 2016, 151, 109-114. | 4.3 | 8 |

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|----|---|-----|-----------|
| 37 | How should experimental myocardial infarction size be reported?. <i>International Journal of Cardiology</i> , 2016, 214, 189-190. | 1.7 | 4 |
| 38 | Digitoxin improves cardiovascular autonomic control in rats with heart failure. <i>Canadian Journal of Physiology and Pharmacology</i> , 2016, 94, 643-650. | 1.4 | 1 |
| 39 | Association of Exercise Training with Tobacco Smoking Prevents Fibrosis but has Adverse Impact on Myocardial Mechanics. <i>Nicotine and Tobacco Research</i> , 2016, 18, 2268-2272. | 2.6 | 8 |
| 40 | The contributions of dipeptidyl peptidase IV to inflammation in heart failure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016, 310, H1760-H1772. | 3.2 | 13 |
| 41 | The effect of low-level laser therapy on oxidative stress and functional fitness in aged rats subjected to swimming: an aerobic exercise. <i>Lasers in Medical Science</i> , 2016, 31, 833-840. | 2.1 | 29 |
| 42 | Previous exercise training increases levels of PPAR- α in long-term post-myocardial infarction in rats, which is correlated with better inflammatory response. <i>Clinics</i> , 2016, 71, 163-168. | 1.5 | 18 |
| 43 | To be or not to be physically active: Insights for a real chance to have an appropriate body mass in a sample of teachers. <i>Work</i> , 2015, 52, 441-446. | 1.1 | 4 |
| 44 | Aerobic exercise training improves oxidative stress and ubiquitin proteasome system activity in heart of spontaneously hypertensive rats. <i>Molecular and Cellular Biochemistry</i> , 2015, 402, 193-202. | 3.1 | 19 |
| 45 | The action of pre-exercise low-level laser therapy (LLLTL) on the expression of IL-6 and TNF- α proteins and on the functional fitness of elderly rats subjected to aerobic training. <i>Lasers in Medical Science</i> , 2015, 30, 1127-1134. | 2.1 | 34 |
| 46 | 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. <i>Lasers in Medical Science</i> , 2015, 30, 217-223. | 2.1 | 34 |
| 47 | Sudden death in Brazil: epilepsy should be in horizon. <i>Arquivos Brasileiros De Cardiologia</i> , 2015, 105, 197-8. | 0.8 | 1 |
| 48 | Treadmill Exercise Training Prevents Myocardial Mechanical Dysfunction Induced by Androgenic-Anabolic Steroid Treatment in Rats. <i>PLoS ONE</i> , 2014, 9, e87106. | 2.5 | 11 |
| 49 | Aerobic exercise training induces an anti-apoptotic milieu in myocardial tissue. <i>Motriz Revista De Educacao Fisica</i> , 2014, 20, 233-238. | 0.2 | 9 |
| 50 | Expression of MicroRNA-29 and Collagen in Cardiac Muscle after Swimming Training in Myocardial-Infarcted Rats. <i>Cellular Physiology and Biochemistry</i> , 2014, 33, 657-669. | 1.6 | 79 |
| 51 | Exercise Training Can Prevent Cardiac Hypertrophy Induced by Sympathetic Hyperactivity with Modulation of Kallikrein-Kinin Pathway and Angiogenesis. <i>PLoS ONE</i> , 2014, 9, e91017. | 2.5 | 25 |
| 52 | Amelioration of Cardiac Function and Activation of Anti-Inflammatory Vasoactive Peptides Expression in the Rat Myocardium by Low Level Laser Therapy. <i>PLoS ONE</i> , 2014, 9, e101270. | 2.5 | 27 |
| 53 | Are there gender differences in left ventricular remodeling after myocardial infarction in rats?. <i>Brazilian Journal of Cardiovascular Surgery</i> , 2014, 30, 70-6. | 0.6 | 9 |
| 54 | Gender-Based Differences in Cardiac Remodeling and ILK Expression after Myocardial Infarction. <i>Arquivos Brasileiros De Cardiologia</i> , 2014, 103, 124-30. | 0.8 | 15 |

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|----|--|-----|-----------|
| 55 | Cell therapy prevents structural, functional and molecular remodeling of remote non-infarcted myocardium. <i>International Journal of Cardiology</i> , 2013, 168, 3829-3836. | 1.7 | 14 |
| 56 | Thermotolerance does not reduce the size or remodeling of radiofrequency lesions in the rat myocardium. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2013, 36, 5-11. | 1.3 | 3 |
| 57 | Severity of the cardiac impairment determines whether digitalis prolongs or reduces survival of rats with heart failure due to myocardial infarction. <i>International Journal of Cardiology</i> , 2013, 167, 357-361. | 1.7 | 7 |
| 58 | Circulating Dipeptidyl Peptidase IV Activity Correlates With Cardiac Dysfunction in Human and Experimental Heart Failure. <i>Circulation: Heart Failure</i> , 2013, 6, 1029-1038. | 3.9 | 98 |
| 59 | Repercussões cardíacas após infarto do miocárdio em ratas submetidas previamente a exercício físico. <i>Arquivos Brasileiros De Cardiologia</i> , 2013, 100, 37-43. | 0.8 | 12 |
| 60 | Exercise Attenuates Renal Dysfunction with Preservation of Myocardial Function in Chronic Kidney Disease. <i>PLoS ONE</i> , 2013, 8, e55363. | 2.5 | 16 |
| 61 | Increased NHE3 abundance and transport activity in renal proximal tubule of rats with heart failure. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2012, 302, R166-R174. | 1.8 | 48 |
| 62 | Changes in GABAergic inputs in the paraventricular nucleus maintain sympathetic vasomotor tone in chronic heart failure. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2012, 171, 41-48. | 2.8 | 27 |
| 63 | Nível de atividade física em professores da rede estadual de ensino. <i>Revista De Saude Publica</i> , 2012, 46, 104-109. | 1.7 | 25 |
| 64 | Hemodynamic and thermoregulatory effects of xylazine-ketamine mixture persist even after the anesthetic stage in rats. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2012, 64, 860-864. | 0.4 | 15 |
| 65 | Remodelamento miocárdico após grandes infartos converte potência de pausa em decaimento da força em ratos. <i>Arquivos Brasileiros De Cardiologia</i> , 2012, 98, 243-251. | 0.8 | 21 |
| 66 | Radiofrequency Ablation Does Not Induce Apoptosis in the Rat Myocardium. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2012, 35, 449-455. | 1.2 | 6 |
| 67 | Prior exercise training does not prevent acute cardiac alterations after myocardial infarction in female rats. <i>Clinics</i> , 2011, 66, 889-893. | 1.5 | 11 |
| 68 | Características fisiopatológicas do modelo de insuficiência cardíaca pós-infarto do miocárdio no rato. <i>Arquivos Brasileiros De Cardiologia</i> , 2011, 96, 420-424. | 0.8 | 23 |
| 69 | Exercise training-induced enhancement in myocardial mechanics is lost after 2 weeks of detraining in rats. <i>European Journal of Applied Physiology</i> , 2010, 109, 909-914. | 2.5 | 49 |
| 70 | Intramyocardial transplantation of fibroblasts expressing vascular endothelial growth factor attenuates cardiac dysfunction. <i>Gene Therapy</i> , 2010, 17, 305-314. | 4.5 | 21 |
| 71 | Exercise training inhibits inflammatory cytokines and more than prevents myocardial dysfunction in rats with sustained β-adrenergic hyperactivity. <i>Journal of Physiology</i> , 2010, 588, 2431-2442. | 2.9 | 50 |
| 72 | Bone marrow cell therapy prevents infarct expansion and improves border zone remodeling after coronary occlusion in rats. <i>International Journal of Cardiology</i> , 2010, 145, 34-39. | 1.7 | 28 |

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|----|---|-----|-----------|
| 73 | Use of afterload hemodynamic stress as a practical method for assessing cardiac performance in rats with heart failure. <i>Canadian Journal of Physiology and Pharmacology</i> , 2010, 88, 724-732. | 1.4 | 17 |
| 74 | Rat Adipose Tissue-Derived Stem Cells Transplantation Attenuates Cardiac Dysfunction Post Infarction and Biopolymers Enhance Cell Retention. <i>PLoS ONE</i> , 2010, 5, e12077. | 2.5 | 104 |
| 75 | Cell Therapy Attenuates Cardiac Dysfunction Post Myocardial Infarction: Effect of Timing, Routes of Injection and a Fibrin Scaffold. <i>PLoS ONE</i> , 2009, 4, e6005. | 2.5 | 80 |
| 76 | Long-term effects for acute phase myocardial infarct VEGF165 gene transfer cardiac extracellular matrix remodeling. <i>Growth Factors</i> , 2009, 27, 22-31. | 1.7 | 13 |
| 77 | Ischemia/reperfusion is an independent trigger for increasing myocardial content of mRNA B-type natriuretic peptide. <i>Heart and Vessels</i> , 2009, 24, 454-9. | 1.2 | 17 |
| 78 | SWIMMING TRAINING ATTENUATES REMODELING, CONTRACTILE DYSFUNCTION AND CONGESTIVE HEART FAILURE IN RATS WITH MODERATE AND LARGE MYOCARDIAL INFARCTIONS. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2009, 36, 394-399. | 1.9 | 28 |
| 79 | HYPERBARIC OXYGENATION APPLIED IMMEDIATELY AFTER CORONARY OCCLUSION REDUCES MYOCARDIAL NECROSIS AND ACUTE MORTALITY IN RATS. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2009, 36, 594-598. | 1.9 | 11 |
| 80 | 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. | 5.4 | 7 |
| 81 | Doppler Echocardiographic Predictors of Mortality in Female Rats After Myocardial Infarction. <i>Journal of Cardiac Failure</i> , 2009, 15, 163-168. | 1.7 | 15 |
| 82 | 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. <i>Journal of Cardiac Failure</i> , 2009, 15, 540-548. | 1.7 | 37 |
| 83 | Digitoxin Prolongs Survival of Female Rats With Heart Failure Due to Large Myocardial Infarction. <i>Journal of Cardiac Failure</i> , 2009, 15, 798-804. | 1.7 | 10 |
| 84 | Developed Force of Papillary Muscle What Index Correctly Indicates Contractile Capacity?. <i>International Heart Journal</i> , 2009, 50, 643-652. | 1.0 | 11 |
| 85 | Exercise training prevents β -adrenergic hyperactivity-induced myocardial hypertrophy and lesions. <i>European Journal of Heart Failure</i> , 2008, 10, 534-539. | 7.1 | 26 |
| 86 | Platelet-derived exosomes from septic shock patients induce myocardial dysfunction. <i>Critical Care</i> , 2007, 11, R120. | 5.8 | 116 |
| 87 | 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 |
| 88 | Immediate Functional Effects of Left Ventricular Reduction: A Doppler Echocardiographic Study in the Rat. <i>Journal of Cardiac Failure</i> , 2006, 12, 163-169. | 1.7 | 13 |
| 89 | Responses mediated by the RVLM on splanchnic and renal sympathetic nerve activity in heart failure rats. <i>FASEB Journal</i> , 2006, 20, . | 0.5 | 0 |
| 90 | Food restriction does not impair myocardial mechanics during the healing period of myocardial infarction in the rat. <i>Nutrition Research</i> , 2005, 25, 1075-1084. | 2.9 | 8 |

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|----|--|-----|-----------|
| 91 | 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 |
| 92 | A NOVEL INEXPENSIVE MURINE MODEL OF ORAL CHRONIC DIGITALIZATION. Clinical and Experimental Pharmacology and Physiology, 2004, 31, 365-366. | 1.9 | 5 |
| 93 | 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 |
| 94 | 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 |
| 95 | 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 |
| 96 | Coenzyme Q ₁₀ Exogenous Administration Attenuates Cold Stress Cardiac Injury. International Heart Journal, 2001, 42, 327-338. | 0.6 | 6 |
| 97 | Isoproterenol-Induced Hypertrophy May Result In Distinct Left Ventricular Changes. Clinical and Experimental Pharmacology and Physiology, 2000, 27, 352-357. | 1.9 | 14 |
| 98 | 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 |
| 99 | Coronary vascular and myocardial lesions due to experimental constriction of the abdominal aorta. International Journal of Cardiology, 1992, 35, 253-257. | 1.7 | 11 |