

Andr  P. Louren o

List of Publications by Year in descending order

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Version: 2024-02-01

62
papers

1,863
citations

361413

20
h-index

276875

41
g-index

63
all docs

63
docs citations

63
times ranked

3078
citing authors

#	ARTICLE	IF	CITATIONS
1	Myocardial Titin Hypophosphorylation Importantly Contributes to Heart Failure With Preserved Ejection Fraction in a Rat Metabolic Risk Model. <i>Circulation: Heart Failure</i> , 2013, 6, 1239-1249.	3.9	241
2	Randomized controlled trial of remote ischaemic conditioning in ST-elevation myocardial infarction as adjuvant to primary angioplasty (RIC-STEMI). <i>Basic Research in Cardiology</i> , 2018, 113, 14.	5.9	132
3	Animal models of heart failure with preserved ejection fraction. <i>Netherlands Heart Journal</i> , 2016, 24, 275-286.	0.8	113
4	Physiological, pathological and potential therapeutic roles of adipokines. <i>Drug Discovery Today</i> , 2012, 17, 880-889.	6.4	111
5	Nicotinamide for the treatment of heart failure with preserved ejection fraction. <i>Science Translational Medicine</i> , 2021, 13, .	12.4	109
6	Targeting myocardial remodelling to develop novel therapies for heart failure. <i>European Journal of Heart Failure</i> , 2014, 16, 494-508.	7.1	90
7	An integrative translational approach to study heart failure with preserved ejection fraction: a position paper from the Working Group on Myocardial Function of the European Society of Cardiology. <i>European Journal of Heart Failure</i> , 2018, 20, 216-227.	7.1	81
8	Towards standardization of echocardiography for the evaluation of left ventricular function in adult rodents: a position paper of the ESC Working Group on Myocardial Function. <i>Cardiovascular Research</i> , 2021, 117, 43-59.	3.8	72
9	Attenuation of the cardiovascular and metabolic complications of obesity in CD14 knockout mice. <i>Life Sciences</i> , 2008, 83, 502-510.	4.3	67
10	Distinct Endothelial Cell Responses in the Heart and Kidney Microvasculature Characterize the Progression of Heart Failure With Preserved Ejection Fraction in the Obese ZSF1 Rat With Cardiorenal Metabolic Syndrome. <i>Circulation: Heart Failure</i> , 2016, 9, e002760.	3.9	62
11	Endogenous production of ghrelin and beneficial effects of its exogenous administration in monocrotaline-induced pulmonary hypertension. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2004, 287, H2885-H2890.	3.2	58
12	Myocardial dysfunction and neurohumoral activation without remodeling in left ventricle of monocrotaline-induced pulmonary hypertensive rats. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2006, 291, H1587-H1594.	3.2	57
13	Time course and mechanisms of left ventricular systolic and diastolic dysfunction in monocrotaline-induced pulmonary hypertension. <i>Basic Research in Cardiology</i> , 2009, 104, 535-545.	5.9	56
14	Current pathophysiological concepts and management of pulmonary hypertension. <i>International Journal of Cardiology</i> , 2012, 155, 350-361.	1.7	48
15	Echocardiography and invasive hemodynamics during stress testing for diagnosis of heart failure with preserved ejection fraction: an experimental study. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 308, H1556-H1563.	3.2	40
16	Afterload-induced diastolic dysfunction contributes to high filling pressures in experimental heart failure with preserved ejection fraction. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 309, H1648-H1654.	3.2	33
17	Neuregulin-1 improves right ventricular function and attenuates experimental pulmonary arterial hypertension. <i>Cardiovascular Research</i> , 2016, 109, 44-54.	3.8	33
18	Acute changes of biventricular gene expression in volume and right ventricular pressure overload. <i>Life Sciences</i> , 2006, 78, 2633-2642.	4.3	30

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19	Pivotal role of microRNAs in cardiac physiology and heart failure. <i>Drug Discovery Today</i> , 2013, 18, 1243-1249.	6.4	30
20	Diastolic tolerance to systolic pressures closely reflects systolic performance in patients with coronary heart disease. <i>Basic Research in Cardiology</i> , 2012, 107, 251.	5.9	26
21	Exosome-Derived Mediators as Potential Biomarkers for Cardiovascular Diseases: A Network Approach. <i>Proteomes</i> , 2021, 9, 8.	3.5	21
22	Cardiac remodeling and dysfunction in nephrotic syndrome. <i>Kidney International</i> , 2007, 71, 1240-1248.	5.2	18
23	Stretch-induced compliance: a novel adaptive biological mechanism following acute cardiac load. <i>Cardiovascular Research</i> , 2018, 114, 656-667.	3.8	18
24	A Western-Type Diet Attenuates Pulmonary Hypertension with Heart Failure and Cardiac Cachexia in Rats. <i>Journal of Nutrition</i> , 2011, 141, 1954-1960.	2.9	17
25	Right ventricular end-diastolic stiffness heralds right ventricular failure in monocrotaline-induced pulmonary hypertension. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016, 311, H1004-H1013.	3.2	17
26	Dose-Response Head-to-Head Comparison of Inodilators Dobutamine, Milrinone, and Levosimendan in Chronic Experimental Pulmonary Hypertension. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 2017, 22, 485-495.	2.0	17
27	Arterial Remodeling and Dysfunction in the ZSF1 Rat Model of Heart Failure With Preserved Ejection Fraction. <i>Circulation: Heart Failure</i> , 2019, 12, e005596.	3.9	17
28	Ghrelin reverses molecular, structural and hemodynamic alterations of the right ventricle in pulmonary hypertension. <i>Revista Portuguesa De Cardiologia</i> , 2006, 25, 55-63.	0.5	17
29	A directed network analysis of the cardiome identifies molecular pathways contributing to the development of HFpEF. <i>Journal of Molecular and Cellular Cardiology</i> , 2020, 144, 66-75.	1.9	16
30	Myocardial and anti-inflammatory effects of chronic bosentan therapy in monocrotaline-induced pulmonary hypertension. <i>Revista Portuguesa De Cardiologia</i> , 2014, 33, 213-222.	0.5	15
31	Prospective randomised comparison of Marsh and Schnider pharmacokinetic models for propofol during induction of anaesthesia in elective cardiac surgery. <i>European Journal of Anaesthesiology</i> , 2012, 29, 477-483.	1.7	13
32	Remote myocardium gene expression after 30 and 120 min of ischaemia in the rat. <i>Experimental Physiology</i> , 2006, 91, 473-480.	2.0	12
33	Spectral transfer function analysis of respiratory hemodynamic fluctuations predicts end-diastolic stiffness in preserved ejection fraction heart failure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016, 310, H4-H13.	3.2	12
34	Lower free triiodothyronine levels within the reference range are associated with higher cardiovascular mortality: An analysis of the NHANES. <i>International Journal of Cardiology</i> , 2019, 285, 115-120.	1.7	12
35	<sc>ESC</sc> Working Group on Myocardial Function Position Paper: how to study the right ventricle in experimental models. <i>European Journal of Heart Failure</i> , 2014, 16, 509-518.	7.1	11
36	Multiple versus single arterial grafting in coronary artery bypass grafting: A meta-analysis of randomized controlled trials and propensity score studies. <i>International Journal of Cardiology</i> , 2020, 320, 55-63.	1.7	11

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37	Levosimendan: The current situation and new prospects. <i>Revista Portuguesa De Cardiologia</i> , 2014, 33, 795-800.	0.5	10
38	Chronic exercise induces pathological left ventricular hypertrophy in adrenaline-deficient mice. <i>International Journal of Cardiology</i> , 2018, 253, 113-119.	1.7	9
39	Early and mid-term haemodynamic performance and clinical outcomes of St. Jude Medical Trifecta [®] valve. <i>Journal of Thoracic Disease</i> , 2018, 10, 889-898.	1.4	9
40	Human umbilical cord tissue-derived mesenchymal stromal cells as adjuvant therapy for myocardial infarction: a review of current evidence focusing on pre-clinical large animal models and early human trials. <i>Cytotherapy</i> , 2021, 23, 974-979.	0.7	9
41	Chronic Sildenafil Therapy in the ZSF1 Obese Rat Model of Metabolic Syndrome and Heart Failure With Preserved Ejection Fraction. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 2021, 26, 690-701.	2.0	9
42	Haemodynamic and neuroendocrine effects of tezosentan in chronic experimental pulmonary hypertension. <i>Intensive Care Medicine</i> , 2012, 38, 1050-1060.	8.2	8
43	Survival after bilateral internal mammary artery in coronary artery bypass grafting: Are women at risk?. <i>International Journal of Cardiology</i> , 2018, 270, 89-95.	1.7	8
44	Characterization of liver changes in ZSF1 rats, an animal model of metabolic syndrome. <i>Revista Espanola De Enfermedades Digestivas</i> , 2017, 109, 491-497.	0.3	8
45	Myocardial and anti-inflammatory effects of chronic bosentan therapy in monocrotaline-induced pulmonary hypertension. <i>Revista Portuguesa De Cardiologia (English Edition)</i> , 2014, 33, 213-222.	0.2	7
46	Freedom Solo [®] versus Trifecta [®] bioprostheses: clinical and haemodynamic evaluation after propensity score matching. <i>European Journal of Cardio-thoracic Surgery</i> , 2018, 53, 1264-1271.	1.4	7
47	Comparison of levosimendan, NO, and inhaled iloprost for pulmonary hypertension reversibility assessment in heart transplant candidates. <i>ESC Heart Failure</i> , 2021, 8, 908-917.	3.1	7
48	Contractile effects of Ghrelin and expression of its receptor GHS-R1a in normal and hypertrophic myocardium. <i>Revista Portuguesa De Cardiologia</i> , 2005, 24, 1235-42.	0.5	7
49	Comparison of different methods of heart rate entropy analysis during acute anoxia superimposed on a chronic rat model of pulmonary hypertension. <i>Medical Engineering and Physics</i> , 2013, 35, 559-568.	1.7	5
50	Levosimendan: The current situation and new prospects. <i>Revista Portuguesa De Cardiologia (English)</i> Tj ETQq0 0 0 rgBT /Overlock 10 Tf 0.2 5	0.2	5
51	Improvement in left intraventricular pressure gradients after aortic valve replacement in aortic stenosis patients. <i>Experimental Physiology</i> , 2017, 102, 411-421.	2.0	5
52	Hemodynamic and clinical performance of Solo stentless bioprosthetic aortic valves. <i>Revista Portuguesa De Cardiologia</i> , 2018, 37, 811-818.	0.5	4
53	Remote ischemic conditioning in ST-elevation myocardial infarction as adjuvant to primary angioplasty (RIC-STEMI): study protocol for a randomized controlled trial. <i>Trials</i> , 2015, 16, 398.	1.6	3
54	Multiple versus single arterial grafting in the elderly: a meta-analysis of randomized controlled trials and propensity score studies. <i>Journal of Cardiovascular Surgery</i> , 2022, 63, .	0.6	3

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55	Histological and haemodynamic characterization of right ventricle in sedentary and trained rats with heart failure with preserved ejection fraction. <i>Experimental Physiology</i> , 2021, 106, 2457-2471.	2.0	2
56	In Vivo Experimental Assessment of Cardiac Function. , 2015, , 389-411.		2
57	Activation profile of pro-inflammatory cytokines in acute cardiac overload. <i>Revista Portuguesa De Cardiologia</i> , 2005, 24, 1369-78.	0.5	2
58	Cardiovascular precision medicine: Bad news from the front?. <i>Porto Biomedical Journal</i> , 2017, 2, 99-101.	1.0	1
59	Reply to Ngu et al.. <i>European Journal of Cardio-thoracic Surgery</i> , 2018, 54, 610-611.	1.4	0
60	2010 Haemodynamic, morphological and molecular effects of chronic administration of ghrelin in monocrotaline-induced pulmonary hypertension. <i>European Heart Journal</i> , 2003, 24, 371.	2.2	0
61	Abstract 210: Titin Phosphorylation by Protein Kinase G as a Novel Mechanism of Diastolic Adaptation to Acute Hemodynamic Overload. <i>Circulation Research</i> , 2015, 117, .	4.5	0
62	Myocardial function: from myofilaments to cardiac pump. , 2022, , 211-225.		0