

Adelino F Leite-Moreira

List of Publications by Citations

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396
papers

17,941
citations

54
h-index

127
g-index

426
ext. papers

22,301
ext. citations

5
avg, IF

6.56
L-index

#	Paper	IF	Citations
396	2015 ESC Guidelines for the management of infective endocarditis: The Task Force for the Management of Infective Endocarditis of the European Society of Cardiology (ESC). Endorsed by: European Association for Cardio-Thoracic Surgery (EACTS), the European Association of Nuclear Medicine (EANM). <i>European Heart Journal</i> , 2015 , <i>36</i> , 3075-3128	9.5	2465
395	2018 ESC/EACTS Guidelines on myocardial revascularization. <i>European Heart Journal</i> , 2019 , <i>40</i> , 87-165	9.5	2408
394	How to diagnose diastolic heart failure: a consensus statement on the diagnosis of heart failure with normal left ventricular ejection fraction by the Heart Failure and Echocardiography Associations of the European Society of Cardiology. <i>European Heart Journal</i> , 2007 , <i>28</i> , 2539-50	9.5	1934
393	How to diagnose diastolic heart failure. European Study Group on Diastolic Heart Failure. <i>European Heart Journal</i> , 1998 , <i>19</i> , 990-1003	9.5	552
392	Low myocardial protein kinase G activity in heart failure with preserved ejection fraction. <i>Circulation</i> , 2012 , <i>126</i> , 830-9	16.7	306
391	Cardiovascular side effects of cancer therapies: a position statement from the Heart Failure Association of the European Society of Cardiology. <i>European Journal of Heart Failure</i> , 2011 , <i>13</i> , 1-10	12.3	295
390	Contemporary management of acute right ventricular failure: a statement from the Heart Failure Association and the Working Group on Pulmonary Circulation and Right Ventricular Function of the European Society of Cardiology. <i>European Journal of Heart Failure</i> , 2016 , <i>18</i> , 226-41	12.3	292
389	Myocardial Microvascular Inflammatory Endothelial Activation in Heart Failure With Preserved Ejection Fraction. <i>JACC: Heart Failure</i> , 2016 , <i>4</i> , 312-24	7.9	262
388	2018 ESC/EACTS Guidelines on myocardial revascularization. <i>European Journal of Cardio-thoracic Surgery</i> , 2019 , <i>55</i> , 4-90	3	251
387	Hypophosphorylation of the Stiff N2B titin isoform raises cardiomyocyte resting tension in failing human myocardium. <i>Circulation Research</i> , 2009 , <i>104</i> , 780-6	15.7	251
386	Diabetic cardiomyopathy: understanding the molecular and cellular basis to progress in diagnosis and treatment. <i>Heart Failure Reviews</i> , 2012 , <i>17</i> , 325-44	5	240
385	Recommendations on pre-hospital & early hospital management of acute heart failure: a consensus paper from the Heart Failure Association of the European Society of Cardiology, the European Society of Emergency Medicine and the Society of Academic Emergency Medicine. <i>European Journal of Heart Failure</i> , 2015 , <i>17</i> , 544-58	12.3	236
384	Afterload induced changes in myocardial relaxation: a mechanism for diastolic dysfunction. <i>Cardiovascular Research</i> , 1999 , <i>43</i> , 344-53	9.9	190
383	Role of neuregulin-1/ErbB signaling in cardiovascular physiology and disease: implications for therapy of heart failure. <i>Circulation</i> , 2007 , <i>116</i> , 954-60	16.7	189
382	The role of lipopolysaccharide/toll-like receptor 4 signaling in chronic liver diseases. <i>Hepatology International</i> , 2010 , <i>4</i> , 659-72	8.8	185
381	Myocardial titin hypophosphorylation importantly contributes to heart failure with preserved ejection fraction in a rat metabolic risk model. <i>Circulation: Heart Failure</i> , 2013 , <i>6</i> , 1239-49	7.6	183
380	The vulnerability of the heart as a pluricellular paracrine organ: lessons from unexpected triggers of heart failure in targeted ErbB2 anticancer therapy. <i>Circulation Research</i> , 2010 , <i>106</i> , 35-46	15.7	159

379	Diabetes mellitus worsens diastolic left ventricular dysfunction in aortic stenosis through altered myocardial structure and cardiomyocyte stiffness. <i>Circulation</i> , 2011 , 124, 1151-9	16.7	152
378	Ghrelin, des-acyl ghrelin and obestatin: three pieces of the same puzzle. <i>Peptides</i> , 2008 , 29, 1255-70	3.8	150
377	Cardiovascular endothelins: essential regulators of cardiovascular homeostasis 2006 , 111, 508-31		144
376	Role of neuregulin-1/ErbB2 signaling in endothelium-cardiomyocyte cross-talk. <i>Journal of Biological Chemistry</i> , 2006 , 281, 19469-77	5.4	134
375	Direct comparison of cardiac magnetic resonance and multidetector computed tomography stress-rest perfusion imaging for detection of coronary artery disease. <i>Journal of the American College of Cardiology</i> , 2013 , 61, 1099-107	15.1	128
374	Metabolic endotoxemia: a molecular link between obesity and cardiovascular risk. <i>Journal of Molecular Endocrinology</i> , 2013 , 51, R51-64	4.5	125
373	Effects of the long-term administration of nebivolol on the clinical symptoms, exercise capacity, and left ventricular function of patients with diastolic dysfunction: results of the ELANDD study. <i>European Journal of Heart Failure</i> , 2012 , 14, 219-25	12.3	123
372	Current perspectives in diastolic dysfunction and diastolic heart failure. <i>Heart</i> , 2006 , 92, 712-8	5.1	122
371	Physiological, pathological and potential therapeutic roles of ghrelin. <i>Drug Discovery Today</i> , 2007 , 12, 276-88	8.8	121
370	Apelin decreases myocardial injury and improves right ventricular function in monocrotaline-induced pulmonary hypertension. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009 , 296, H2007-14	5.2	116
369	Epicardial adipose tissue is an independent predictor of coronary atherosclerotic burden. <i>International Journal of Cardiology</i> , 2012 , 158, 26-32	3.2	115
368	Physiological, pathological and potential therapeutic roles of adipokines. <i>Drug Discovery Today</i> , 2012 , 17, 880-9	8.8	97
367	Role of colonic microbiota in colorectal carcinogenesis: a systematic review. <i>Revista Espanola De Enfermedades Digestivas</i> , 2015 , 107, 659-71	0.9	97
366	Systolic and diastolic heart failure are overlapping phenotypes within the heart failure spectrum. <i>Circulation</i> , 2011 , 123, 1996-2004; discussion 2005	16.7	92
365	Diastolic dysfunction in the diabetic continuum: association with insulin resistance, metabolic syndrome and type 2 diabetes. <i>Cardiovascular Diabetology</i> , 2015 , 14, 4	8.7	89
364	Cardiac endothelium-myocyte interaction: clinical opportunities for new heart failure therapies regardless of ejection fraction. <i>European Heart Journal</i> , 2015 , 36, 2050-2060	9.5	89
363	Load dependent diastolic dysfunction in heart failure. <i>Heart Failure Reviews</i> , 2000 , 5, 345-55	5	89
362	Neuregulin-1 induces a negative inotropic effect in cardiac muscle: role of nitric oxide synthase. <i>Circulation</i> , 2004 , 109, 324-6	16.7	87

361	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	11.8	86
360	Impact of the 2016 ASE/EACVI recommendations on the prevalence of diastolic dysfunction in the general population. <i>European Heart Journal Cardiovascular Imaging</i> , 2018 , 19, 380-386	4.1	83
359	Increased nitrosative/oxidative stress lowers myocardial protein kinase G activity in heart failure with preserved ejection fraction. <i>BMC Pharmacology & Toxicology</i> , 2013 , 14,	2.6	78
358	Cystic adenomatoid malformations are induced by localized FGF10 overexpression in fetal rat lung. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2008 , 39, 346-55	5.7	78
357	Recommendations on pre-hospital and early hospital management of acute heart failure: a consensus paper from the Heart Failure Association of the European Society of Cardiology, the European Society of Emergency Medicine and the Society of Academic Emergency Medicine--short version. <i>European Heart Journal</i> , 2015 , 36, 1958-66	9.5	75
356	Targeting myocardial remodelling to develop novel therapies for heart failure: a position paper from the Working Group on Myocardial Function of the European Society of Cardiology. <i>European Journal of Heart Failure</i> , 2014 , 16, 494-508	12.3	71
355	Meconium dependence of bowel damage in gastroschisis. <i>Journal of Pediatric Surgery</i> , 2002 , 37, 31-5	2.6	69
354	Relaxation-systolic pressure relation. A load-independent assessment of left ventricular contractility. <i>Circulation</i> , 1997 , 95, 745-52	16.7	68
353	The innate immune system in chronic cardiomyopathy: a European Society of Cardiology (ESC) scientific statement from the Working Group on Myocardial Function of the ESC. <i>European Journal of Heart Failure</i> , 2018 , 20, 445-459	12.3	67
352	Epicardial adipose tissue volume assessed by computed tomography and coronary artery disease: a systematic review and meta-analysis. <i>European Heart Journal Cardiovascular Imaging</i> , 2018 , 19, 490-497	4.1	65
351	The Role of Endothelial Dysfunction and Inflammation in Chronic Venous Disease. <i>Annals of Vascular Surgery</i> , 2018 , 46, 380-393	1.7	62
350	Influence of epicardial and visceral fat on left ventricular diastolic and systolic functions in patients after myocardial infarction. <i>American Journal of Cardiology</i> , 2014 , 114, 1663-9	3	59
349	Attenuation of the cardiovascular and metabolic complications of obesity in CD14 knockout mice. <i>Life Sciences</i> , 2008 , 83, 502-10	6.8	59
348	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	12.3	59
347	Expert position paper on the management of antiplatelet therapy in patients undergoing coronary artery bypass graft surgery. <i>European Heart Journal</i> , 2014 , 35, 1510-4	9.5	58
346	Complex roads from genotype to phenotype in dilated cardiomyopathy: scientific update from the Working Group of Myocardial Function of the European Society of Cardiology. <i>Cardiovascular Research</i> , 2018 , 114, 1287-1303	9.9	57
345	Systolic and diastolic heart failure: different phenotypes of the same disease?. <i>European Journal of Heart Failure</i> , 2007 , 9, 136-43	12.3	56
344	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, H2885-90	5.2	55

343	Left ventricular diastolic dysfunction and myocardial stiffness in diabetic mice is attenuated by inhibition of dipeptidyl peptidase 4. <i>Cardiovascular Research</i> , 2014 , 104, 423-31	9.9	54
342	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, H1587-94	5.2	53
341	The cardiac endothelium: functional morphology, development, and physiology. <i>Progress in Cardiovascular Diseases</i> , 1996 , 39, 239-62	8.5	52
340	Load as an acute determinant of end-diastolic pressure-volume relation. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2001 , 280, H51-9	5.2	51
339	Rodent models of heart failure: an updated review. <i>Heart Failure Reviews</i> , 2013 , 18, 219-49	5	50
338	Distinct mechanisms for diastolic dysfunction in diabetes mellitus and chronic pressure-overload. <i>Basic Research in Cardiology</i> , 2011 , 106, 801-14	11.8	50
337	Time course and mechanisms of left ventricular systolic and diastolic dysfunction in monocrotaline-induced pulmonary hypertension. <i>Basic Research in Cardiology</i> , 2009 , 104, 535-45	11.8	50
336	Increased expression of toll-like receptors (TLR) 2, 4 and 5 in gastric dysplasia. <i>Pathology and Oncology Research</i> , 2011 , 17, 677-83	2.6	48
335	Diastolic heart failure: a myth. <i>Current Opinion in Cardiology</i> , 2006 , 21, 240-8	2.1	48
334	<i>Helicobacter pylori</i> induces increased expression of Toll-like receptors and decreased Toll-interacting protein in gastric mucosa that persists throughout gastric carcinogenesis. <i>Helicobacter</i> , 2013 , 18, 22-32	4.9	47
333	Functional polymorphisms of Toll-like receptors 2 and 4 alter the risk for colorectal carcinoma in Europeans. <i>Digestive and Liver Disease</i> , 2013 , 45, 63-9	3.3	47
332	Increased hepatic expression of TLR2 and TLR4 in the hepatic inflammation-fibrosis-carcinoma sequence. <i>Innate Immunity</i> , 2012 , 18, 700-8	2.7	47
331	A new fetal rat model of gastroschisis: development and early characterization. <i>Journal of Pediatric Surgery</i> , 2001 , 36, 213-6	2.6	46
330	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	7.6	46
329	Cardiotoxicity associated with cancer therapy: pathophysiology and prevention strategies. <i>Revista Portuguesa De Cardiologia</i> , 2013 , 32, 395-409	1	45
328	Towards a re-definition of Cardiac hypertrophy through a rational characterization of left ventricular phenotypes: a position paper of the Working Group Myocardial Function of the ESC. <i>European Journal of Heart Failure</i> , 2011 , 13, 811-9	12.3	45
327	The apelinergic system: the role played in human physiology and pathology and potential therapeutic applications. <i>Arquivos Brasileiros De Cardiologia</i> , 2008 , 90, 343-9	1.2	45
326	Diabetes-Induced Cardiomyocyte Passive Stiffening Is Caused by Impaired Insulin-Dependent Titin Modification and Can Be Modulated by Neuregulin-1. <i>Circulation Research</i> , 2018 , 123, 342-355	15.7	44

325	O-GlcNAcylation of Histone Deacetylase 4 Protects the Diabetic Heart From Failure. <i>Circulation</i> , 2019 , 140, 580-594	16.7	43
324	CAD detection in patients with intermediate-high pre-test probability: low-dose CT delayed enhancement detects ischemic myocardial scar with moderate accuracy but does not improve performance of a stress-rest CT perfusion protocol. <i>JACC: Cardiovascular Imaging</i> , 2013 , 6, 1062-1071	8.4	43
323	Current pathophysiological concepts and management of pulmonary hypertension. <i>International Journal of Cardiology</i> , 2012 , 155, 350-61	3.2	43
322	Inhibitory actions of the NRG-1/ErbB4 pathway in macrophages during tissue fibrosis in the heart, skin, and lung. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017 , 313, H934-H945	5.2	42
321	Toll-like receptors as therapeutic targets in gastrointestinal diseases. <i>Expert Opinion on Therapeutic Targets</i> , 2010 , 14, 347-68	6.4	41
320	El cociente entre la grasa abdominal visceral y la subcutánea evaluado por tomografía computarizada es un predictor independiente de mortalidad y eventos cardíacos. <i>Revista Espanola De Cardiologia</i> , 2017 , 70, 331-337	1.5	40
319	Therapeutic potential of neuregulin-1 in cardiovascular disease. <i>Drug Discovery Today</i> , 2013 , 18, 836-42	8.8	40
318	In utero meconium exposure increases spinal cord necrosis in a rat model of myelomeningocele. <i>Journal of Pediatric Surgery</i> , 2002 , 37, 488-92	2.6	40
317	ErbB2 signaling at the crossing between heart failure and cancer. <i>Basic Research in Cardiology</i> , 2016 , 111, 60	11.8	39
316	Nicotinamide for the treatment of heart failure with preserved ejection fraction. <i>Science Translational Medicine</i> , 2021 , 13,	17.5	38
315	Ghrelin expression in human and rat fetal lungs and the effect of ghrelin administration in nitrofen-induced congenital diaphragmatic hernia. <i>Pediatric Research</i> , 2006 , 59, 531-7	3.2	37
314	Novel Biomarkers for Evaluation of Endothelial Dysfunction. <i>Angiology</i> , 2020 , 71, 397-410	2.1	36
313	Thymulin inhibits monocrotaline-induced pulmonary hypertension modulating interleukin-6 expression and suppressing p38 pathway. <i>Endocrinology</i> , 2008 , 149, 4367-73	4.8	36
312	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, H1556-63	5.2	35
311	Pulmonary hypertension and right heart failure in heart failure with preserved left ventricular ejection fraction: pathophysiology and natural history. <i>Current Opinion in Cardiology</i> , 2012 , 27, 273-80	2.1	34
310	Diastolic heart failure: a separate disease or selection bias?. <i>Progress in Cardiovascular Diseases</i> , 2007 , 49, 275-83	8.5	34
309	Decreased Toll-interacting protein and peroxisome proliferator-activated receptor α are associated with increased expression of Toll-like receptors in colon carcinogenesis. <i>Journal of Clinical Pathology</i> , 2012 , 65, 302-8	3.9	33
308	Inotropic and lusitropic effects of ghrelin and their modulation by the endocardial endothelium, NO, prostaglandins, GHS-R1a and KCa channels. <i>Peptides</i> , 2006 , 27, 1616-23	3.8	33

307	Apelin: a novel neurohumoral modulator of the cardiovascular system. Pathophysiologic importance and potential use as a therapeutic target. <i>Revista Portuguesa De Cardiologia</i> , 2005 , 24, 1263-76	1	33
306	The apelinergic system: a promising therapeutic target. <i>Expert Opinion on Therapeutic Targets</i> , 2010 , 14, 633-45	6.4	32
305	Targeted gene transfer to fetal rat lung interstitium by ultrasound-guided intrapulmonary injection. <i>Molecular Therapy</i> , 2007 , 15, 340-7	11.7	32
304	Antenatal vitamin A administration attenuates lung hypoplasia by interfering with early instead of late determinants of lung underdevelopment in congenital diaphragmatic hernia. <i>Journal of Pediatric Surgery</i> , 2005 , 40, 658-65	2.6	32
303	Metabolic changes in hypertrophic cardiomyopathies: scientific update from the Working Group of Myocardial Function of the European Society of Cardiology. <i>Cardiovascular Research</i> , 2018 , 114, 1273-1280	8.9	31
302	The heart failure spectrum: time for a phenotype-oriented approach. <i>Circulation</i> , 2009 , 119, 3044-6	16.7	31
301	Cardiac magnetic resonance myocardial perfusion imaging for detection of functionally significant obstructive coronary artery disease: a prospective study. <i>International Journal of Cardiology</i> , 2013 , 168, 765-73	3.2	30
300	Incremental value of an integrated adenosine stress-rest MDCT perfusion protocol for detection of obstructive coronary artery disease. <i>Journal of Cardiovascular Computed Tomography</i> , 2011 , 5, 392-405	2.8	29
299	Acute changes of biventricular gene expression in volume and right ventricular pressure overload. <i>Life Sciences</i> , 2006 , 78, 2633-42	6.8	29
298	Molecular diversity of cardiac endothelial cells in vitro and in vivo. <i>Physiological Genomics</i> , 2004 , 19, 198-206	3.6	29
297	Ventricular ErbB2/ErbB4 activation and downstream signaling in pacing-induced heart failure. <i>Journal of Molecular and Cellular Cardiology</i> , 2009 , 46, 33-8	5.8	28
296	Pivotal role of microRNAs in cardiac physiology and heart failure. <i>Drug Discovery Today</i> , 2013 , 18, 1243-98.8		27
295	The Ratio Between Visceral and Subcutaneous Abdominal Fat Assessed by Computed Tomography Is an Independent Predictor of Mortality and Cardiac Events. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2017 , 70, 331-337	0.7	27
294	Surgical treatment of atrial fibrillation: an updated review. <i>European Journal of Cardio-thoracic Surgery</i> , 2014 , 46, 167-78	3	27
293	Ghrelin as a novel locally produced relaxing peptide of the iris sphincter and dilator muscles. <i>Experimental Eye Research</i> , 2006 , 83, 1179-87	3.7	27
292	Endothelin-mediated positive inotropic effect induced by reactive oxygen species in isolated cardiac muscle. <i>Circulation Research</i> , 1995 , 76, 878-84	15.7	27
291	Cardioprotective effects of early and late aerobic exercise training in experimental pulmonary arterial hypertension. <i>Basic Research in Cardiology</i> , 2015 , 110, 57	11.8	26
290	Ghrelin and ghrelin receptor inhibitors: agents in the treatment of obesity. <i>Expert Opinion on Therapeutic Targets</i> , 2008 , 12, 1177-89	6.4	26

289	Novel therapeutic targets of metformin: metabolic syndrome and cardiovascular disease. <i>Expert Opinion on Therapeutic Targets</i> , 2015 , 19, 869-77	6.4	25
288	Atherosclerosis: Recent trials, new targets and future directions. <i>International Journal of Cardiology</i> , 2015 , 192, 72-81	3.2	25
287	Intermittent cardiac overload results in adaptive hypertrophy and provides protection against left ventricular acute pressure overload insult. <i>Journal of Physiology</i> , 2015 , 593, 3885-97	3.9	25
286	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, H1648-54	5.2	25
285	Pulmonary arterial hypertension: Basic knowledge for clinicians. <i>Archives of Cardiovascular Diseases</i> , 2016 , 109, 550-561	2.7	25
284	N-terminal-pro-B type natriuretic peptide as a useful tool to evaluate pulmonary hypertension and cardiac function in CDH infants. <i>Neonatology</i> , 2008 , 94, 22-30	4	24
283	M-mode and Doppler echocardiographic reference values for male New Zealand white rabbits. <i>American Journal of Veterinary Research</i> , 2006 , 67, 1725-9	1.1	24
282	The future of pleiotropic therapy in heart failure. Lessons from the benefits of exercise training on endothelial function. <i>European Journal of Heart Failure</i> , 2017 , 19, 603-614	12.3	23
281	Myocardial reverse remodeling: how far can we rewind?. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016 , 310, H1402-22	5.2	23
280	Synergistic impact of endurance training and intermittent hypobaric hypoxia on cardiac function and mitochondrial energetic and signaling. <i>International Journal of Cardiology</i> , 2013 , 168, 5363-71	3.2	23
279	New pathways of the renin-angiotensin system: the role of ACE2 in cardiovascular pathophysiology and therapy. <i>Expert Opinion on Therapeutic Targets</i> , 2010 , 14, 485-96	6.4	23
278	Disturbed cardiac mitochondrial and cytosolic calcium handling in a metabolic risk-related rat model of heart failure with preserved ejection fraction. <i>Acta Physiologica</i> , 2020 , 228, e13378	5.6	23
277	Neuregulin-1 attenuates development of nephropathy in a type 1 diabetes mouse model with high cardiovascular risk. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016 , 310, E495-504	6	23
276	The Role of Thyroid Hormones in Heart Failure. <i>Cardiovascular Drugs and Therapy</i> , 2019 , 33, 179-188	3.9	22
275	Association between plasma leptin and adiponectin levels and diastolic function in the general population. <i>Expert Opinion on Therapeutic Targets</i> , 2015 , 19, 1283-91	6.4	22
274	Neonatal Apex Resection Triggers Cardiomyocyte Proliferation, Neovascularization and Functional Recovery Despite Local Fibrosis. <i>Stem Cell Reports</i> , 2018 , 10, 860-874	8	22
273	Early cardiac changes induced by a hypercaloric Western-type diet in "subclinical" obesity. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016 , 310, H655-66	5.2	22
272	Exercise preconditioning prevents MCT-induced right ventricle remodeling through the regulation of TNF superfamily cytokines. <i>International Journal of Cardiology</i> , 2016 , 203, 858-66	3.2	22

271	Neuregulin-1 improves right ventricular function and attenuates experimental pulmonary arterial hypertension. <i>Cardiovascular Research</i> , 2016 , 109, 44-54	9.9	22
270	Mechanisms of the Multitasking Endothelial Protein NRG-1 as a Compensatory Factor During Chronic Heart Failure. <i>Circulation: Heart Failure</i> , 2019 , 12, e006288	7.6	22
269	Fetal heart development in the nitrofen-induced CDH rat model: the role of mechanical and nonmechanical factors. <i>Journal of Pediatric Surgery</i> , 2003 , 38, 1444-51	2.6	22
268	Acute Myocardial Response to Stretch: What We (don't) Know. <i>Frontiers in Physiology</i> , 2015 , 6, 408	4.6	22
267	Adiponectin levels are elevated in patients with pulmonary arterial hypertension. <i>Clinical Cardiology</i> , 2014 , 37, 21-5	3.3	21
266	Diastolic tolerance to systolic pressures closely reflects systolic performance in patients with coronary heart disease. <i>Basic Research in Cardiology</i> , 2012 , 107, 251	11.8	21
265	Additive value of magnetic resonance coronary angiography in a comprehensive cardiac magnetic resonance stress-rest protocol for detection of functionally significant coronary artery disease: a pilot study. <i>Circulation: Cardiovascular Imaging</i> , 2013 , 6, 730-8	3.9	21
264	New therapeutic targets for intraocular pressure lowering. <i>ISRN Ophthalmology</i> , 2013 , 2013, 261386		21
263	Acute neurohumoral modulation of diastolic function. <i>Peptides</i> , 2009 , 30, 419-25	3.8	21
262	ET-1 increases distensibility of acutely loaded myocardium: a novel ETA and Na ⁺ /H ⁺ exchanger-mediated effect. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2003 , 284, H1332-9	5.2	21
261	Update on pathophysiology and preventive strategies of anthracycline-induced cardiotoxicity. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2019 , 46, 204-215	3	21
260	Gender differences in the association of epicardial adipose tissue and coronary artery calcification: EPICHEART study: EAT and coronary calcification by gender. <i>International Journal of Cardiology</i> , 2017 , 249, 419-425	3.2	20
259	Left ventricular diastolic dysfunction and E/EO ratio as the strongest echocardiographic predictors of reduced exercise capacity after acute myocardial infarction. <i>Clinical Cardiology</i> , 2015 , 38, 222-9	3.3	20
258	Angiotensin II acutely decreases myocardial stiffness: a novel AT1, PKC and Na ⁺ /H ⁺ exchanger-mediated effect. <i>British Journal of Pharmacology</i> , 2006 , 147, 690-7	8.6	20
257	Inotropic effects of ETB receptor stimulation and their modulation by endocardial endothelium, NO, and prostaglandins. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2004 , 287, H1194-9	5.2	20
256	The impact of thyroid hormone dysfunction on ischemic heart disease. <i>Endocrine Connections</i> , 2019 , 8, R76-R90	3.5	20
255	HIV patients have impaired diastolic function that is not aggravated by anti-retroviral treatment. <i>Cardiovascular Drugs and Therapy</i> , 2015 , 29, 31-9	3.9	19
254	Clinical value of natriuretic peptides in chronic kidney disease. <i>Nefrologia</i> , 2015 , 35, 227-33	1.5	19

253	Urocortin 2 in cardiovascular health and disease. <i>Drug Discovery Today</i> , 2015 , 20, 906-14	8.8	19
252	Heart failure with preserved ejection fraction: fighting misconceptions for a new approach. <i>Arquivos Brasileiros De Cardiologia</i> , 2011 , 96, 504-14	1.2	19
251	Pericardial fluid: an underrated molecular library of heart conditions and a potential vehicle for cardiac therapy. <i>Basic Research in Cardiology</i> , 2019 , 114, 10	11.8	18
250	Cardiovascular effects of the angiotensin type 2 receptor. <i>Revista Portuguesa De Cardiologia</i> , 2014 , 33, 439-49	1	18
249	Attenuation of toll-like receptor 2-mediated innate immune response in patients with alcoholic chronic liver disease. <i>Liver International</i> , 2010 , 30, 1003-11	7.9	18
248	Correlation between plasma levels of apelin and myocardial hypertrophy in rats and humans: possible target for treatment?. <i>Expert Opinion on Therapeutic Targets</i> , 2010 , 14, 231-41	6.4	18
247	Echocardiographic evaluation including tissue Doppler imaging in New Zealand white rabbits sedated with ketamine and midazolam. <i>Veterinary Journal</i> , 2009 , 181, 326-31	2.5	18
246	A Critical Analysis of the Available and Methods to Study Retinal Angiogenesis. <i>Journal of Ophthalmology</i> , 2017 , 2017, 3034953	2	17
245	Load dependence of left ventricular contraction and relaxation. Effects of caffeine. <i>Basic Research in Cardiology</i> , 1999 , 94, 284-93	11.8	17
244	METformin in Diastolic Dysfunction of METabolic syndrome (MET-DIME) trial: rationale and study design : MET-DIME trial. <i>Cardiovascular Drugs and Therapy</i> , 2014 , 28, 191-6	3.9	16
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- 1 Preoperative myocardial expression of E3 ubiquitin ligases in aortic stenosis patients undergoing valve replacement and their association to postoperative hypertrophy **2020**, 15, e0237000