

Piergiuseppe Agostoni

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

343
papers

8,693
citations

47
h-index

74
g-index

374
ext. papers

10,529
ext. citations

4.8
avg, IF

5.67
L-index

#	Paper	IF	Citations
343	Combined Role of Troponin and Natriuretic Peptides Measurements in Patients With Covid-19 (from the Cardio-COVID-Italy Multicenter Study).. <i>American Journal of Cardiology</i> , 2022 ,	3	3
342	Exercise oxygen pulse kinetics in patients with hypertrophic cardiomyopathy.. <i>Heart</i> , 2022 ,	5.1	1
341	Prevalence, Characteristics, and Outcomes of COVID-19-Associated Acute Myocarditis.. <i>Circulation</i> , 2022 , 145, 1123-1139	16.7	13
340	Sensitivity and specificity of different exercise oscillatory ventilation definitions to predict 2-year major adverse cardiovascular outcomes in chronic heart failure patients. <i>International Journal of Cardiology</i> , 2022 , 360, 39-43	3.2	0
339	Pulmonary embolism in patients with COVID-19: characteristics and outcomes in the Cardio-COVID Italy multicenter study. <i>Clinical Research in Cardiology</i> , 2021 , 110, 1020-1028	6.1	10
338	Chemoreceptor hyperactivity in heart failure: Is lactate the culprit?. <i>European Journal of Preventive Cardiology</i> , 2021 , 28, e8-e10	3.9	1
337	The Impact of Cardiac Rehabilitation on Activities of Daily Life in Elderly Patients With Heart Failure.. <i>Frontiers in Physiology</i> , 2021 , 12, 785501	4.6	0
336	Exercise training effects on metabolic and ventilatory changes in heart failure patients with exercise oscillatory ventilation: systematic review and meta-analysis. <i>European Journal of Preventive Cardiology</i> , 2021 ,	3.9	1
335	Comparison between PtCO and PaCO and Derived Parameters in Heart Failure Patients during Exercise: A Preliminary Study. <i>Sensors</i> , 2021 , 21,	3.8	1
334	Effect of empagliflozin on exercise ability and symptoms in heart failure patients with reduced and preserved ejection fraction, with and without type 2 diabetes. <i>European Heart Journal</i> , 2021 , 42, 700-710	9.5	35
333	"You can leave your mask on": effects on cardiopulmonary parameters of different airway protective masks at rest and during maximal exercise. <i>European Respiratory Journal</i> , 2021 , 58,	13.6	18
332	Validation of a new wearable device for type 3 sleep test without flowmeter. <i>PLoS ONE</i> , 2021 , 16, e0249470	3.7	2
331	Management of Osteoarthritis: Expert Opinion on NSAIDs. <i>Pain and Therapy</i> , 2021 , 10, 783-808	3.6	11
330	A Machine Learning Approach for Mortality Prediction in COVID-19 Pneumonia: Development and Evaluation of the Piacenza Score. <i>Journal of Medical Internet Research</i> , 2021 , 23, e29058	7.6	13
329	Exercise Dynamic of Patients with Chronic Heart Failure and Reduced Ejection Fraction. <i>Current Cardiology Reports</i> , 2021 , 23, 92	4.2	0
328	COVID-19-related cardiac complications from clinical evidences to basic mechanisms: opinion paper of the ESC Working Group on Cellular Biology of the Heart. <i>Cardiovascular Research</i> , 2021 , 117, 2148-2160	8.9	8
327	Lopinavir/Ritonavir and Darunavir/Cobicistat in Hospitalized COVID-19 Patients: Findings From the Multicenter Italian CORIST Study. <i>Frontiers in Medicine</i> , 2021 , 8, 639970	4.9	9

326	Disentangling the Association of Hydroxychloroquine Treatment with Mortality in Covid-19 Hospitalized Patients through Hierarchical Clustering. <i>Journal of Healthcare Engineering</i> , 2021 , 2021, 5556207	3.7	2
325	Implications of atrial fibrillation on the clinical course and outcomes of hospitalized COVID-19 patients: results of the Cardio-COVID-Italy multicentre study. <i>Europace</i> , 2021 , 23, 1603-1611	3.9	4
324	Post-discharge arrhythmic risk stratification of patients with acute myocarditis and life-threatening ventricular tachyarrhythmias. <i>European Journal of Heart Failure</i> , 2021 ,	12.3	4
323	Cardiac output changes during exercise in heart failure patients: focus on mid-exercise. <i>ESC Heart Failure</i> , 2021 , 8, 55-62	3.7	0
322	Multiplexed MRM-Based Proteomics Identified Multiple Biomarkers of Disease Severity in Human Heart Failure. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	3
321	Heparin in COVID-19 Patients Is Associated with Reduced In-Hospital Mortality: The Multicenter Italian CORIST Study. <i>Thrombosis and Haemostasis</i> , 2021 , 121, 1054-1065	7	45
320	Prognostic role of transferrin saturation in heart failure patients. <i>European Journal of Preventive Cardiology</i> , 2021 ,	3.9	4
319	Minute ventilation/carbon dioxide production in chronic heart failure. <i>European Respiratory Review</i> , 2021 , 30,	9.8	2
318	In-Depth AGE and ALE Profiling of Human Albumin in Heart Failure: Ex Vivo Studies. <i>Antioxidants</i> , 2021 , 10,	7.1	2
317	Week to week variability of pulmonary capillary blood volume and alveolar membrane diffusing capacity in patients with heart failure. <i>Respiratory Physiology and Neurobiology</i> , 2021 , 290, 103679	2.8	
316	Feasibility of remote home monitoring with a T-shirt wearable device in post-recovery COVID-19 patients. <i>Journal of Cardiovascular Medicine</i> , 2021 , 22, 860-863	1.9	1
315	Rest and exercise oxygen uptake and cardiac output changes 6 months after successful transcatheter mitral valve repair. <i>ESC Heart Failure</i> , 2021 ,	3.7	1
314	Prognostic Value of Peak Oxygen Uptake in Patients Supported With Left Ventricular Assist Devices (PRO-VAD). <i>JACC: Heart Failure</i> , 2021 , 9, 758-767	7.9	0
313	Listing Criteria for Heart Transplant: Role of Cardiopulmonary Exercise Test and of Prognostic Scores. <i>Heart Failure Clinics</i> , 2021 , 17, 635-646	3.3	
312	Brisk walking can be a maximal effort in heart failure patients: a comparison of cardiopulmonary exercise and 6 min walking test cardiorespiratory data.. <i>ESC Heart Failure</i> , 2021 ,	3.7	2
311	Long-term prognostic role of diabetes mellitus and glycemic control in heart failure patients with reduced ejection fraction: Insights from the MECKI Score database. <i>International Journal of Cardiology</i> , 2020 , 317, 103-110	3.2	5
310	Cardiac patient care during a pandemic: how to reorganise a heart failure unit at the time of COVID-19. <i>European Journal of Preventive Cardiology</i> , 2020 , 27, 1127-1132	3.9	11
309	Risk Stratification in Hypertrophic Cardiomyopathy. Insights from Genetic Analysis and Cardiopulmonary Exercise Testing. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	9

308	-Acetyl-Cysteine Regenerates Albumin Cys34 by a Thiol-Disulfide Breaking Mechanism: An Explanation of Its Extracellular Antioxidant Activity. <i>Antioxidants</i> , 2020 , 9,	7.1	8
307	Variability in pulmonary diffusing capacity in heart failure. <i>Respiratory Physiology and Neurobiology</i> , 2020 , 280, 103473	2.8	1
306	Does PAP/CO Ratio Have a Linear Relationship?. <i>Journal of the American College of Cardiology</i> , 2020 , 75, 2646	15.1	0
305	Adequacy of Therapy for People with Both COPD and Heart Failure in the UK: Historical Cohort Study. <i>Journal of Pragmatic and Observational Research</i> , 2020 , 11, 55-66	7.4	2
304	Levosimendan Efficacy and Safety: 20 Years of SIMDAX in Clinical Use. <i>Journal of Cardiovascular Pharmacology</i> , 2020 , 76, 4-22	3.1	12
303	A new pathophysiology in heart failure patients. <i>Artificial Organs</i> , 2020 , 44, 1303-1305	2.6	1
302	Relationship between ventilatory pattern and peak VO and area M regulates the respiratory system during exercise. <i>Journal of Cardiology</i> , 2020 , 76, 521-528	3	0
301	Lung function evaluation in heart failure: possible pitfalls. <i>Breathe</i> , 2020 , 16, 190316	1.8	
300	Effects of β receptor stimulation by indacaterol in chronic heart failure treated with selective or non-selective β blockers: a randomized trial. <i>Scientific Reports</i> , 2020 , 10, 7101	4.9	2
299	SARS-CoV-2 spread in Northern Italy: what about the pollution role?. <i>Environmental Monitoring and Assessment</i> , 2020 , 192, 325	3.1	23
298	Choosing among β blockers in heart failure patients according to β receptors' location and functions in the cardiopulmonary system. <i>Pharmacological Research</i> , 2020 , 156, 104785	10.2	9
297	Why do left ventricular assist device recipients remain heart failure patients? Reply. <i>European Journal of Heart Failure</i> , 2020 , 22, 1055	12.3	
296	Levosimendan Efficacy and Safety: 20 years of SIMDAX in Clinical Use. <i>Cardiac Failure Review</i> , 2020 , 6, e19	4.2	15
295	Cardiovascular Death Risk in Recovered Mid-Range Ejection Fraction Heart Failure: Insights From Cardiopulmonary Exercise Test. <i>Journal of Cardiac Failure</i> , 2020 , 26, 932-943	3.3	2
294	RAAS inhibitors are not associated with mortality in COVID-19 patients: Findings from an observational multicenter study in Italy and a meta-analysis of 19 studies. <i>Vascular Pharmacology</i> , 2020 , 135, 106805	5.9	34
293	Rationale, experimental data, and emerging clinical evidence on early and preventive use of levosimendan in patients with ventricular dysfunction. <i>European Heart Journal - Cardiovascular Pharmacotherapy</i> , 2020 , 6, 310-316	6.4	2
292	Gender and age normalization and ventilation efficiency during exercise in heart failure with reduced ejection fraction. <i>ESC Heart Failure</i> , 2020 , 7, 371-380	3.7	11
291	Effects of left ventricular assist device on cardiopulmonary exercise performance. <i>European Journal of Heart Failure</i> , 2020 , 22, 381-382	12.3	3

290	Increased serum uric acid level predicts poor prognosis in mildly severe chronic heart failure with reduced ejection fraction. An analysis from the MECKI score research group. <i>European Journal of Internal Medicine</i> , 2020 , 72, 47-52	3.9	10
289	Prognostic impact of admission high-sensitivity C-reactive protein in acute myocardial infarction patients with and without diabetes mellitus. <i>Cardiovascular Diabetology</i> , 2020 , 19, 183	8.7	4
288	Sacubitril/valsartan use in a real-world population of patients with heart failure and reduced ejection fraction. <i>Journal of Cardiovascular Medicine</i> , 2020 , 21, 882-888	1.9	3
287	The MECKI score initiative: Development and state of the art. <i>European Journal of Preventive Cardiology</i> , 2020 , 27, 5-11	3.9	2
286	Risk stratification in cardiomyopathy. <i>European Journal of Preventive Cardiology</i> , 2020 , 27, 52-58	3.9	4
285	Roles of periodic breathing and isocapnic buffering period during exercise in heart failure. <i>European Journal of Preventive Cardiology</i> , 2020 , 27, 19-26	3.9	0
284	Role of comorbidities in heart failure prognosis Part 2: Chronic kidney disease, elevated serum uric acid. <i>European Journal of Preventive Cardiology</i> , 2020 , 27, 35-45	3.9	8
283	How Patients With Heart Failure Perform Daily Life Activities: An Innate Energy-Saving Strategy. <i>Circulation: Heart Failure</i> , 2020 , 13, e007503	7.6	4
282	Impact of heart failure on the clinical course and outcomes of patients hospitalized for COVID-19. Results of the Cardio-COVID-Italy multicentre study. <i>European Journal of Heart Failure</i> , 2020 , 22, 2238-2247	12.3	58
281	Common cardiovascular risk factors and in-hospital mortality in 3,894 patients with COVID-19: survival analysis and machine learning-based findings from the multicentre Italian CORIST Study. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2020 , 30, 1899-1913	4.5	84
280	Association of Troponin Levels With Mortality in Italian Patients Hospitalized With Coronavirus Disease 2019: Results of a Multicenter Study. <i>JAMA Cardiology</i> , 2020 , 5, 1274-1280	16.2	95
279	S-Thiolation Targets Albumin in Heart Failure. <i>Antioxidants</i> , 2020 , 9,	7.1	7
278	The MECKI score initiative: a successful and ongoing story. <i>European Journal of Preventive Cardiology</i> , 2020 , 27, 3-4	3.9	0
277	Prediction of peak oxygen uptake by an endurance test: A wish and a nightmare. <i>European Journal of Preventive Cardiology</i> , 2020 , 27, 2042-2044	3.9	0
276	Non-invasive estimation of stroke volume during exercise from oxygen in heart failure patients. <i>European Journal of Preventive Cardiology</i> , 2020 , 2047487320920755	3.9	3
275	A pragmatic approach to the use of inotropes for the management of acute and advanced heart failure: An expert panel consensus. <i>International Journal of Cardiology</i> , 2019 , 297, 83-90	3.2	21
274	Rationale and design of the EMPERIAL-Preserved and EMPERIAL-Reduced trials of empagliflozin in patients with chronic heart failure. <i>European Journal of Heart Failure</i> , 2019 , 21, 932-942	12.3	29
273	How to perform and report a cardiopulmonary exercise test in patients with chronic heart failure. <i>International Journal of Cardiology</i> , 2019 , 288, 107-113	3.2	27

272	Anaerobic Threshold and Respiratory Compensation Point Identification During Cardiopulmonary Exercise Tests in Chronic Heart Failure. <i>Chest</i> , 2019 , 156, 338-347	5.3	11
271	Do rebreathing manoeuvres for non-invasive measurement of cardiac output during maximum exercise test alter the main cardiopulmonary parameters?. <i>European Journal of Preventive Cardiology</i> , 2019 , 26, 1616-1622	3.9	4
270	Sacubitril/valsartan can improve exercise performance in systolic chronic heart failure patients: a case report. <i>Current Medical Research and Opinion</i> , 2019 , 35, 3-5	2.5	4
269	Anemia and Iron Deficiency in Heart Failure: Clinical and Prognostic Role. <i>Heart Failure Clinics</i> , 2019 , 15, 359-369	3.3	9
268	Isocapnic buffering period: From physiology to clinics. <i>European Journal of Preventive Cardiology</i> , 2019 , 26, 1107-1114	3.9	9
267	Cardiac implantable electronic devices with a defibrillator component and all-cause mortality in left ventricular assist device carriers: results from the PCHF-VAD registry. <i>European Journal of Heart Failure</i> , 2019 , 21, 1129-1141	12.3	10
266	Ghrelin Derangements in Idiopathic Dilated Cardiomyopathy: Impact of Myocardial Disease Duration and Left Ventricular Ejection Fraction. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	5
265	Regional differences in exercise training implementation in heart failure: findings from the Exercise Training in Heart Failure (EXtraHF) survey. <i>European Journal of Heart Failure</i> , 2019 , 21, 1142-1148	12.3	5
264	Pro-oxidant and pro-inflammatory effects of glycated albumin on cardiomyocytes. <i>Free Radical Biology and Medicine</i> , 2019 , 144, 245-255	7.8	15
263	Exertional Periodic Breathing in Heart Failure: Mechanisms and Clinical Implications. <i>Clinics in Chest Medicine</i> , 2019 , 40, 449-457	5.3	5
262	The Wrong Drug That Led to the Right Diagnosis. <i>Circulation</i> , 2019 , 140, 1601-1604	16.7	1
261	Haemodynamic Balance in Acute and Advanced Heart Failure: An Expert Perspective on the Role of Levosimendan. <i>Cardiac Failure Review</i> , 2019 , 5, 155-161	4.2	8
260	Immature surfactant protein-B impairs the antioxidant capacity of HDL. <i>International Journal of Cardiology</i> , 2019 , 285, 53-58	3.2	5
259	Exercise oscillatory ventilation and prognosis in heart failure patients with reduced and mid-range ejection fraction. <i>European Journal of Heart Failure</i> , 2019 , 21, 1586-1595	12.3	12
258	Exercise training in patients with ventricular assist devices: a review of the evidence and practical advice. A position paper from the Committee on Exercise Physiology and Training and the Committee of Advanced Heart Failure of the Heart Failure Association of the European Society of Cardiology. <i>European Journal of Heart Failure</i> , 2019 , 21, 3-13	12.3	56
257	Heart failure prognosis over time: how the prognostic role of oxygen consumption and ventilatory efficiency during exercise has changed in the last 20 years. <i>European Journal of Heart Failure</i> , 2019 , 21, 208-217	12.3	33
256	Exercise physiology in pulmonary hypertension patients with and without congenital heart disease. <i>European Journal of Preventive Cardiology</i> , 2019 , 26, 86-93	3.9	8
255	Mineralocorticoid receptor antagonists for heart failure: a real-life observational study. <i>ESC Heart Failure</i> , 2018 , 5, 267-274	3.7	4

254	Exercise performance, haemodynamics, and respiratory pattern do not identify heart failure patients who end exercise with dyspnoea from those with fatigue. <i>ESC Heart Failure</i> , 2018 , 5, 115-119	3.7	6
253	Improvement in exercise capacity and delayed anaerobic metabolism induced by far-infrared-emitting garments in active healthy subjects: A pilot study. <i>European Journal of Preventive Cardiology</i> , 2018 , 25, 1744-1751	3.9	6
252	2D speckle tracking echocardiography of the right ventricle free wall in SCUBA divers after single open sea dive. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2018 , 45, 234-240	3	1
251	Clinical recommendations for high altitude exposure of individuals with pre-existing cardiovascular conditions: A joint statement by the European Society of Cardiology, the Council on Hypertension of the European Society of Cardiology, the European Society of Hypertension, the International Society of Mountain Medicine, the Italian Society of Hypertension and the Italian Society of	9.5	77
250	The role of cardiopulmonary exercise tests in pulmonary arterial hypertension. <i>European Respiratory Review</i> , 2018 , 27,	9.8	32
249	Physiological insights of exercise hyperventilation in arterial and chronic thromboembolic pulmonary hypertension. <i>International Journal of Cardiology</i> , 2018 , 259, 178-182	3.2	30
248	Natriuretic peptide B plasma concentration increases in the first 12 h of pulmonary edema recovery. <i>European Journal of Internal Medicine</i> , 2018 , 53, 52-56	3.9	1
247	Surfactant proteins changes after acute hemodynamic improvement in patients with advanced chronic heart failure treated with Levosimendan. <i>Respiratory Physiology and Neurobiology</i> , 2018 , 252-253, 47-51	2.8	7
246	Multiparametric prognostic scores in chronic heart failure with reduced ejection fraction: a long-term comparison. <i>European Journal of Heart Failure</i> , 2018 , 20, 700-710	12.3	51
245	Role of cardiopulmonary exercise testing in clinical stratification in heart failure. A position paper from the Committee on Exercise Physiology and Training of the Heart Failure Association of the European Society of Cardiology. <i>European Journal of Heart Failure</i> , 2018 , 20, 3-15	12.3	83
244	Dose-dependent efficacy of β -blocker in patients with chronic heart failure and atrial fibrillation. <i>International Journal of Cardiology</i> , 2018 , 273, 141-146	3.2	10
243	ST2 and B-type natriuretic peptide kinetics during exercise in severe heart failure. <i>European Journal of Heart Failure</i> , 2018 , 20, 1494-1495	12.3	1
242	Clinical and prognostic impact of chronotropic incompetence in patients with hypertrophic cardiomyopathy. <i>International Journal of Cardiology</i> , 2018 , 271, 125-131	3.2	11
241	Qualitative and quantitative evaluation of a new wearable device for ECG and respiratory Holter monitoring. <i>International Journal of Cardiology</i> , 2018 , 272, 231-237	3.2	14
240	Heart rate during exercise: mechanisms, behavior, and therapeutic and prognostic implications in heart failure patients with reduced ejection fraction. <i>Heart Failure Reviews</i> , 2018 , 23, 537-545	5	4
239	Upward Shift and Steepening of the Blood Pressure Response to Exercise in Hypertensive Subjects at High Altitude. <i>Journal of the American Heart Association</i> , 2018 , 7,	6	4
238	Comparison of cardiovascular risk factors among coronary artery bypass graft patients in 2010 and 2016: A single-center study in Guilan province, Iran. <i>ARYA Atherosclerosis</i> , 2018 , 14, 205-211	0.7	2
237	Linking cell function with perfusion: insights from the transcatheter delivery of bone marrow-derived CD133 cells in ischemic refractory cardiomyopathy trial (RECARDIO). <i>Stem Cell Research and Therapy</i> , 2018 , 9, 235	8.3	8

236	Exercise gas exchange in continuous-flow left ventricular assist device recipients. <i>PLoS ONE</i> , 2018 , 13, e0187112	3.7	10
235	Heart failure and sleep related breathing disorders: Data from PROMISES (Progetto Multicentrico Italiano Sonno e Scompenso Cardiaco) study. <i>International Journal of Cardiology</i> , 2018 , 271, 140-145	3.2	5
234	Comprehensive effects of left ventricular assist device speed changes on alveolar gas exchange, sleep ventilatory pattern, and exercise performance. <i>Journal of Heart and Lung Transplantation</i> , 2018 , 37, 1361-1371	5.8	23
233	The Role of Gas Exchange Variables in Cardiopulmonary Exercise Testing for Risk Stratification and Management of Heart Failure with Reduced Ejection Fraction. <i>American Heart Journal</i> , 2018 , 202, 116-126	4.9	21
232	Clinical Presentation and Outcome in a Contemporary Cohort of Patients With Acute Myocarditis: Multicenter Lombardy Registry. <i>Circulation</i> , 2018 , 138, 1088-1099	16.7	127
231	Reference Values for Peak Exercise Cardiac Output in Healthy Individuals. <i>Chest</i> , 2017 , 151, 1329-1337	5.3	17
230	Prognostic role of β -blocker selectivity and dosage regimens in heart failure patients. Insights from the MECKI score database. <i>European Journal of Heart Failure</i> , 2017 , 19, 904-914	12.3	19
229	Late onset of neutral lipid storage disease due to novel PNPLA2 mutations causing total loss of lipase activity in a patient with myopathy and slight cardiac involvement. <i>Neuromuscular Disorders</i> , 2017 , 27, 481-486	2.9	16
228	Left ventricular function and exercise performance in idiopathic dilated cardiomyopathy: role of tissue Doppler imaging. <i>Journal of Cardiovascular Medicine</i> , 2017 , 18, 230-236	1.9	1
227	Diving and pulmonary physiology: Surfactant binding protein, lung fluid and cardiopulmonary test changes in professional divers. <i>Respiratory Physiology and Neurobiology</i> , 2017 , 243, 27-31	2.8	0
226	Extracorporeal Ultrafiltration for Fluid Overload in Heart Failure: Current Status and Prospects for Further Research. <i>Journal of the American College of Cardiology</i> , 2017 , 69, 2428-2445	15.1	50
225	Periodic Breathing during Incremental Exercise. <i>Annals of the American Thoracic Society</i> , 2017 , 14, S116-S122	1.7	13
224	Renin-Angiotensin-Aldosterone System Is Not Involved in the Arterial Stiffening Induced by Acute and Prolonged Exposure to High Altitude. <i>Hypertension</i> , 2017 , 70, 75-84	8.5	5
223	Prognostic Role of Cardiopulmonary Exercise Testing in Clinical Practice. <i>Annals of the American Thoracic Society</i> , 2017 , 14, S53-S58	4.7	13
222	Cardiopulmonary Exercise Testing in Patients with Heart Failure with Specific Comorbidities. <i>Annals of the American Thoracic Society</i> , 2017 , 14, S110-S115	4.7	11
221	Exertional Oscillatory Ventilation and Central Sleep Apnea in Heart Failure: Siblings, Cousins, or What Else? 2017 , 183-202		1
220	Lvad pump speed increase is associated with increased peak exercise cardiac output and \dot{V}_O , postponed anaerobic threshold and improved ventilatory efficiency. <i>International Journal of Cardiology</i> , 2017 , 230, 28-32	3.2	32
219	Contribution of central and peripheral factors at peak exercise in heart failure patients with progressive severity of exercise limitation. <i>International Journal of Cardiology</i> , 2017 , 248, 252-256	3.2	11

218	Cardiopulmonary Exercise Testing. <i>Annals of the American Thoracic Society</i> , 2017 , 14, S1-S2	4.7	1
217	Prognostic Stratification of Patients With ST-Segment-Elevation Myocardial Infarction (PROSPECT): A Cardiac Magnetic Resonance Study. <i>Circulation: Cardiovascular Imaging</i> , 2017 , 10,	3.9	28
216	Mechanisms That Modulate Peripheral Oxygen Delivery during Exercise in Heart Failure. <i>Annals of the American Thoracic Society</i> , 2017 , 14, S40-S47	4.7	12
215	Heart failure and anemia: Effects on prognostic variables. <i>European Journal of Internal Medicine</i> , 2017 , 37, 56-63	3.9	23
214	Left atrium and pulmonary vein imaging using sub-millisiwert cardiac computed tomography: Impact on radiofrequency catheter ablation cumulative radiation exposure and outcome in atrial fibrillation patients. <i>International Journal of Cardiology</i> , 2017 , 228, 805-811	3.2	2
213	Safety and Tolerability of Neladenoson Bialanate, a Novel Oral Partial Adenosine A1 Receptor Agonist, in Patients With Chronic Heart Failure. <i>Journal of Clinical Pharmacology</i> , 2017 , 57, 440-451	2.9	33
212	ANMCO Position Paper: long-term follow-up of patients with pulmonary thromboembolism. <i>European Heart Journal Supplements</i> , 2017 , 19, D309-D332	1.5	8
211	Interleukin-1 β levels predict long-term mortality and need for heart transplantation in ambulatory patients affected by idiopathic dilated cardiomyopathy. <i>Oncotarget</i> , 2017 , 8, 25131-25140	3.3	16
210	The alveolar to arterial oxygen partial pressure difference is associated with pulmonary diffusing capacity in heart failure patients. <i>Respiratory Physiology and Neurobiology</i> , 2016 , 233, 1-6	2.8	9
209	Heart Failure Progression in Hypertrophic Cardiomyopathy - Possible Insights From Cardiopulmonary Exercise Testing. <i>Circulation Journal</i> , 2016 , 80, 2204-11	2.9	25
208	Surfactant protein B: From biochemistry to its potential role as diagnostic and prognostic marker in heart failure. <i>International Journal of Cardiology</i> , 2016 , 221, 456-62	3.2	12
207	Blood pressure response to six-minute walk test in hypertensive subjects exposed to high altitude: effects of antihypertensive combination treatment. <i>International Journal of Cardiology</i> , 2016 , 219, 27-32 ^{3,2}	3.2	10
206	Effects of hypobaric hypoxia exposure at high altitude on left ventricular twist in healthy subjects: data from HIGHCARE study on Mount Everest. <i>European Heart Journal Cardiovascular Imaging</i> , 2016 , 17, 635-43	4.1	19
205	Cardiopulmonary exercise test and sudden cardiac death risk in hypertrophic cardiomyopathy. <i>Heart</i> , 2016 , 102, 602-9	5.1	34
204	Sex Profile and Risk Assessment With Cardiopulmonary Exercise Testing in Heart Failure: Propensity Score Matching for Sex Selection Bias. <i>Canadian Journal of Cardiology</i> , 2016 , 32, 754-9	3.8	14
203	ACE-Inhibition Benefit on Lung Function in Heart Failure is Modulated by ACE Insertion/Deletion Polymorphism. <i>Cardiovascular Drugs and Therapy</i> , 2016 , 30, 159-68	3.9	3
202	The metabolic exercise test data combined with Cardiac And Kidney Indexes (MECKI) score and prognosis in heart failure. A validation study. <i>International Journal of Cardiology</i> , 2016 , 203, 1067-72	3.2	25
201	Exercise tolerance can explain the obesity paradox in patients with systolic heart failure: data from the MECKI Score Research Group. <i>European Journal of Heart Failure</i> , 2016 , 18, 545-53	12.3	44

200	Delayed Anaerobic Threshold in Heart Failure Patients With Atrial Fibrillation. <i>Journal of Cardiopulmonary Rehabilitation and Prevention</i> , 2016 , 36, 174-9	3.6	2
199	Management of heart failure in the new era: the role of scores. <i>Journal of Cardiovascular Medicine</i> , 2016 , 17, 569-80	1.9	8
198	Telerehabilitation in heart failure patients: The evidence and the pitfalls. <i>International Journal of Cardiology</i> , 2016 , 220, 408-13	3.2	46
197	Exercise capacity is not impaired after acute alcohol ingestion: a pilot study. <i>Journal of Cardiovascular Medicine</i> , 2016 , 17, 896-901	1.9	2
196	Severe cardiomyopathy in a young patient with complete deficiency of adipose triglyceride lipase due to a novel mutation in PNPLA2 gene. <i>International Journal of Cardiology</i> , 2016 , 207, 165-7	3.2	18
195	Incremental utility of prognostic variables at discharge for risk prediction in hospitalized patients with acutely decompensated chronic heart failure. <i>Heart and Lung: Journal of Acute and Critical Care</i> , 2016 , 45, 212-9	2.6	2
194	Prognostic implications of heart failure with preserved ejection fraction in patients with an exacerbation of chronic obstructive pulmonary disease. <i>Internal and Emergency Medicine</i> , 2016 , 11, 517-8 ³⁻⁷		
193	Prognostic value of dipyridamole stress cardiac magnetic resonance in patients with known or suspected coronary artery disease: a mid-term follow-up study. <i>European Radiology</i> , 2016 , 26, 2155-65	8	28
192	Heart failure and sleep disorders. <i>Nature Reviews Cardiology</i> , 2016 , 13, 389-403	14.8	58
191	Exertional dyspnoea in chronic heart failure: the role of the lung and respiratory mechanical factors. <i>European Respiratory Review</i> , 2016 , 25, 317-32	9.8	37
190	Prognostic Benefit of Cardiac Magnetic Resonance Over Transthoracic Echocardiography for the Assessment of Ischemic and Nonischemic Dilated Cardiomyopathy Patients Referred for the Evaluation of Primary Prevention Implantable Cardioverter-Defibrillator Therapy. <i>Circulation: Cardiovascular Imaging</i> , 2016 , 9,	3.9	37
189	Prognostic value of cardiopulmonary exercise testing in Idiopathic Dilated Cardiomyopathy. <i>International Journal of Cardiology</i> , 2016 , 223, 596-603	3.2	19
188	The patient perspective: Quality of life in advanced heart failure with frequent hospitalisations. <i>International Journal of Cardiology</i> , 2015 , 191, 256-64	3.2	94
187	Ambulatory blood pressure in untreated and treated hypertensive patients at high altitude: the High Altitude Cardiovascular Research-Andes study. <i>Hypertension</i> , 2015 , 65, 1266-72	8.5	45
186	Impact of chronic obstructive pulmonary disease on exercise ventilatory efficiency in heart failure. <i>International Journal of Cardiology</i> , 2015 , 189, 134-40	3.2	52
185	Metabolic exercise data combined with cardiac and kidney indexes: MECKI score. Predictive role in cardiopulmonary exercise testing with low respiratory exchange ratio in heart failure. <i>International Journal of Cardiology</i> , 2015 , 184, 299-301	3.2	8
184	Reply to commentary on: confusion in reporting pulmonary diffusion capacity for nitric oxide and the alveolar-capillary membrane conductance for nitric oxide. <i>European Journal of Preventive Cardiology</i> , 2015 , 22, 314-6	3.9	
183	Ultrafiltration for congestive heart failure: the past and the present. <i>Current Opinion in Cardiology</i> , 2015 , 30, 186-191	2.1	1

182	Deceptive meaning of oxygen uptake measured at the anaerobic threshold in patients with systolic heart failure and atrial fibrillation. <i>European Journal of Preventive Cardiology</i> , 2015 , 22, 1046-55	3.9	24
181	Exercise programs for LVAD supported patients: A snapshot from the ESC affiliated countries. <i>International Journal of Cardiology</i> , 2015 , 201, 215-9	3.2	25
180	Plasma immature form of surfactant protein type B correlates with prognosis in patients with chronic heart failure. A pilot single-center prospective study. <i>International Journal of Cardiology</i> , 2015 , 201, 394-9	3.2	8
179	Acute Increase of Cardiac Output Reduces Central Sleep Apneas in Heart Failure Patients. <i>Journal of the American College of Cardiology</i> , 2015 , 66, 2571-2	15.1	10
178	Levosimendan improves exercise performance in patients with advanced chronic heart failure. <i>ESC Heart Failure</i> , 2015 , 2, 133-141	3.7	15
177	Exercise Performance Is a Prognostic Indicator in Elderly Patients With Chronic Heart Failure--Application of Metabolic Exercise Cardiac Kidney Indexes Score. <i>Circulation Journal</i> , 2015 , 79, 2608-15	2.9	18
176	Renal function and peak exercise oxygen consumption in chronic heart failure with reduced left ventricular ejection fraction. <i>Circulation Journal</i> , 2015 , 79, 583-91	2.9	24
175	Sex and acetazolamide effects on chemoreflex and periodic breathing during sleep at altitude. <i>Chest</i> , 2015 , 147, 120-131	5.3	31
174	Effects of blood transfusion on exercise capacity in thalassemia major patients. <i>PLoS ONE</i> , 2015 , 10, e0137553	3.7	8
173	Alveolar-capillary membrane diffusion measurement by nitric oxide inhalation in heart failure. <i>European Journal of Preventive Cardiology</i> , 2015 , 22, 206-12	3.9	13
172	The effects of anesthesia, muscle paralysis, and ventilation on the lung evaluated by lung diffusion for carbon monoxide and pulmonary surfactant protein B. <i>Anesthesia and Analgesia</i> , 2015 , 120, 373-80	3.9	11
171	Prognostic role of atrial fibrillation in patients affected by chronic heart failure. Data from the MECKI score research group. <i>European Journal of Internal Medicine</i> , 2015 , 26, 515-20	3.9	14
170	Blood Pressure Response to Exercise in Hypertensive Subjects Exposed to High Altitude and Treatment Effects. <i>Journal of the American College of Cardiology</i> , 2015 , 66, 2806-2807	15.1	9
169	Continuous ultrafiltration in acute decompensated heart failure: current issues and future directions. <i>American Journal of Cardiovascular Drugs</i> , 2015 , 15, 103-12	4	4
168	Predicted values of exercise capacity in heart failure: where we are, where to go. <i>Heart Failure Reviews</i> , 2014 , 19, 645-53	5	14
167	Ischemic changes in exercise ECG in a hypertensive subject acutely exposed to high altitude. Possible role of a high-altitude induced imbalance in myocardial oxygen supply-demand. <i>International Journal of Cardiology</i> , 2014 , 171, e100-2	3.2	16
166	Cardiopulmonary exercise testing in systolic heart failure in 2014: the evolving prognostic role: a position paper from the committee on exercise physiology and training of the heart failure association of the ESC. <i>European Journal of Heart Failure</i> , 2014 , 16, 929-41	12.3	65
165	Changes in 24 h ambulatory blood pressure and effects of angiotensin II receptor blockade during acute and prolonged high-altitude exposure: a randomized clinical trial. <i>European Heart Journal</i> , 2014 , 35, 3113-22	9.5	70

164	Coronary stent evaluation with coronary computed tomographic angiography: comparison between low-osmolar, high-iodine concentration iomeprol-400 and iso-osmolar, lower-iodine concentration iodixanol-320. <i>Journal of Cardiovascular Computed Tomography</i> , 2014 , 8, 44-51	2.8	14
163	Acetazolamide and inhaled carbon dioxide reduce periodic breathing during exercise in patients with chronic heart failure. <i>Journal of Cardiac Failure</i> , 2014 , 20, 278-88	3.3	30
162	Noninvasive cardiac output measurement by inert gas rebreathing in suspected pulmonary hypertension. <i>American Journal of Cardiology</i> , 2014 , 113, 546-51	3	20
161	Surfactant-derived proteins as markers of alveolar membrane damage in heart failure. <i>PLoS ONE</i> , 2014 , 9, e115030	3.7	22
160	Cardiovascular mortality and chronotropic incompetence in systolic heart failure: the importance of a reappraisal of current cut-off criteria. <i>European Journal of Heart Failure</i> , 2014 , 16, 201-9	12.3	37
159	Inside ventilatory regulation in pulmonary hypertension: several hidden data are still undiscovered. <i>European Journal of Preventive Cardiology</i> , 2014 , 21, 268-71	3.9	7
158	Cardiovascular risk assessment in low-resource settings: a consensus document of the European Society of Hypertension Working Group on Hypertension and Cardiovascular Risk in Low Resource Settings. <i>Journal of Hypertension</i> , 2014 , 32, 951-60	1.9	57
157	Continuous ultrafiltration for congestive heart failure: the CUORE trial. <i>Journal of Cardiac Failure</i> , 2014 , 20, 9-17	3.3	72
156	Determinants of peak oxygen uptake in patients with hypertrophic cardiomyopathy: a single-center study. <i>Internal and Emergency Medicine</i> , 2014 , 9, 293-302	3.7	12
155	A non invasive estimate of dead space ventilation from exercise measurements. <i>PLoS ONE</i> , 2014 , 9, e87395	3.7	26
154	Continuous ultrafiltration for congestive heart failure: the CUORE trial. <i>Journal of Cardiac Failure</i> , 2014 , 20, 378.e1-9	3.3	6
153	A long-term prognostic value of CT angiography and exercise ECG in patients with suspected CAD. <i>JACC: Cardiovascular Imaging</i> , 2013 , 6, 641-50	8.4	34
152	Prognostic value of indeterminable anaerobic threshold in heart failure. <i>Circulation: Heart Failure</i> , 2013 , 6, 977-87	7.6	39
151	Considerations on safety and treatment of patients with chronic heart failure at high altitude. <i>High Altitude Medicine and Biology</i> , 2013 , 14, 96-100	1.9	10
150	Metabolic exercise test data combined with cardiac and kidney indexes, the MECKI score: a multiparametric approach to heart failure prognosis. <i>International Journal of Cardiology</i> , 2013 , 167, 2710-8	3.2	131
149	The prognostic value of normal stress cardiac magnetic resonance in patients with known or suspected coronary artery disease: a meta-analysis. <i>Circulation: Cardiovascular Imaging</i> , 2013 , 6, 574-82	3.9	53
148	Severe heart failure prognosis evaluation for transplant selection in the era of beta-blockers: role of peak oxygen consumption. <i>International Journal of Cardiology</i> , 2013 , 168, 5078-81	3.2	21
147	Opposite behavior of plasma levels surfactant protein type B and receptor for advanced glycation end products in pulmonary sarcoidosis. <i>Respiratory Medicine</i> , 2013 , 107, 1617-24	4.6	7

146	NT-proatrial natriuretic peptide as a possible biomarker of cardiopulmonary involvement in sarcoidosis. <i>European Journal of Internal Medicine</i> , 2013 , 24, 278-84	3.9	6
145	Multiparametric comparison of CARvedilol, vs. NEbivolol, vs. Bisoprolol in moderate heart failure: the CARNEBI trial. <i>International Journal of Cardiology</i> , 2013 , 168, 2134-40	3.2	40
144	Acute high-altitude exposure reduces lung diffusion: data from the HIGHCARE Alps project. <i>Respiratory Physiology and Neurobiology</i> , 2013 , 188, 223-8	2.8	34
143	Prognostic value of multidetector computed tomography coronary angiography in diabetes: excellent long-term prognosis in patients with normal coronary arteries. <i>Diabetes Care</i> , 2013 , 36, 1834-41	4.6	27
142	Changes in subendocardial viability ratio with acute high-altitude exposure and protective role of acetazolamide. <i>Hypertension</i> , 2013 , 61, 793-9	8.5	27
141	High-altitude hypoxia and periodic breathing during sleep: gender-related differences. <i>Journal of Sleep Research</i> , 2013 , 22, 322-30	5.8	53
140	Rationale for cardiopulmonary exercise test in the assessment of surgical risk. <i>Journal of Cardiovascular Medicine</i> , 2013 , 14, 254-61	1.9	12
139	Role of alveolar β -adrenergic receptors on lung fluid clearance and exercise ventilation in healthy humans. <i>PLoS ONE</i> , 2013 , 8, e61877	3.7	25
138	Chronotropic incompetence and functional capacity in chronic heart failure: no role of β blockers and β blocker dose. <i>Cardiovascular Therapeutics</i> , 2012 , 30, 100-8	3.3	38
137	Effects of beta-blockade on exercise performance at high altitude: a randomized, placebo-controlled trial comparing the efficacy of nebivolol versus carvedilol in healthy subjects. <i>Cardiovascular Therapeutics</i> , 2012 , 30, 240-8	3.3	24
136	Diagnostic performance of two types of low radiation exposure protocol for prospective ECG-triggering multidetector computed tomography angiography in assessment of coronary artery bypass graft. <i>International Journal of Cardiology</i> , 2012 , 157, 63-9	3.2	18
135	Recent myocardial infarction patients present ventilatory limitation during aerobic exercise. <i>International Journal of Cardiology</i> , 2012 , 161, 180-1	3.2	3
134	A long-term prognostic value of coronary CT angiography in suspected coronary artery disease. <i>JACC: Cardiovascular Imaging</i> , 2012 , 5, 690-701	8.4	137
133	Contribution of β adrenergic receptors to exercise-induced bronchodilatation in healthy humans. <i>Respiratory Physiology and Neurobiology</i> , 2012 , 184, 55-9	2.8	7
132	Effects of slow deep breathing at high altitude on oxygen saturation, pulmonary and systemic hemodynamics. <i>PLoS ONE</i> , 2012 , 7, e49074	3.7	29
131	Effects of carvedilol on oxygen uptake and heart rate kinetics in patients with chronic heart failure at simulated altitude. <i>European Journal of Preventive Cardiology</i> , 2012 , 19, 444-51	3.9	1
130	Redox proteomics identification of oxidatively modified myocardial proteins in human heart failure: implications for protein function. <i>PLoS ONE</i> , 2012 , 7, e35841	3.7	20
129	Lungs in heart failure. <i>Pulmonary Medicine</i> , 2012 , 2012, 952741	5.3	25

128	Exercise testing in the clinical management of patients affected by pulmonary arterial hypertension. <i>European Journal of Preventive Cardiology</i> , 2012 , 19, 960-71	3.9	48
127	Coronary in-stent restenosis: assessment with CT coronary angiography. <i>Radiology</i> , 2012 , 265, 410-7	20.5	37
126	Long-term effectiveness of cardiac resynchronization therapy in heart failure patients with unfavorable cardiac veins anatomy comparison of surgical versus hemodynamic procedure. <i>Journal of the American College of Cardiology</i> , 2011 , 58, 483-90	15.1	38
125	Peripheral adaptation mechanisms in physical training and cardiac rehabilitation: the case of a patient supported by a CardioWest total artificial heart. <i>Journal of Cardiac Failure</i> , 2011 , 17, 670-5	3.3	9
124	Hemodynamic effects of exercise training in heart failure. <i>Journal of Cardiac Failure</i> , 2011 , 17, 916-22	3.3	26
123	Evaluation of noninvasive exercise cardiac output determination in chronic heart failure patients: a proposal of a new diagnostic and prognostic method. <i>Journal of Cardiovascular Medicine</i> , 2011 , 12, 19-27 ^{1.9}	1.9	14
122	Cardiovascular and noncardiovascular comorbidities in patients with chronic heart failure. <i>Journal of Cardiovascular Medicine</i> , 2011 , 12, 76-84	1.9	45
121	Kinetics of plasma SPB and RAGE during mechanical ventilation in patients undergoing major vascular surgery. <i>Respiratory Physiology and Neurobiology</i> , 2011 , 178, 256-60	2.8	10
120	Evolution of the concept of ventilatory limitation during exercise. Combining the pneumologist and cardiologist point of view. <i>Respiratory Physiology and Neurobiology</i> , 2011 , 179, 127-8	2.8	14
119	High diagnostic accuracy of prospective ECG-gating 64-slice computed tomography coronary angiography for the detection of in-stent restenosis: in-stent restenosis assessment by low-dose MDCT. <i>European Radiology</i> , 2011 , 21, 1430-8	8	21
118	High-altitude exposure of three weeks duration increases lung diffusing capacity in humans. <i>Journal of Applied Physiology</i> , 2011 , 110, 1564-71	3.7	38
117	Surfactant protein B and RAGE increases in the plasma during cardiopulmonary bypass: a pilot study. <i>European Respiratory Journal</i> , 2011 , 37, 841-7	13.6	25
116	Index measured at an intermediate altitude to predict impending acute mountain sickness. <i>Medicine and Science in Sports and Exercise</i> , 2011 , 43, 1811-8	1.2	21
115	Exercise intolerance in chronic heart failure: mechanisms and therapies. Part I. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2010 , 17, 637-42		85
114	Extracorporeal fluid removal in heart failure patients. <i>Contributions To Nephrology</i> , 2010 , 164, 173-198	1.6	2
113	Continuous positive airway pressure increases haemoglobin O2 saturation after acute but not prolonged altitude exposure. <i>European Heart Journal</i> , 2010 , 31, 457-63	9.5	21
112	Exercise intolerance in chronic heart failure: mechanisms and therapies. Part II. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2010 , 17, 643-8		44
111	Imaging of cardiac venous system in patients with dilated cardiomyopathy by 64-slice computed tomography: comparison between non-ischemic and ischemic etiology. <i>International Journal of Cardiology</i> , 2010 , 144, 340-3	3.2	10

110	Additional clinical role of 64-slice multidetector computed tomography in the evaluation of coronary artery variants and anomalies. <i>International Journal of Cardiology</i> , 2010 , 145, 388-390	3.2	19
109	Effect of acute β -blocker withholding on ventilatory efficiency in patients with advanced chronic heart failure. <i>Journal of Cardiac Failure</i> , 2010 , 16, 548-55	3.3	12
108	Effects of beta-blockers on ventilation efficiency in heart failure. <i>American Heart Journal</i> , 2010 , 159, 1067-73	4.9	34
107	Relationship of resting hemoglobin concentration to peak oxygen uptake in heart failure patients. <i>American Journal of Hematology</i> , 2010 , 85, 414-7	7.1	28
106	Comparison of the diagnostic performance of 64-slice computed tomography coronary angiography in diabetic and non-diabetic patients with suspected coronary artery disease. <i>Cardiovascular Diabetology</i> , 2010 , 9, 80	8.7	15
105	Sixty-four-slice multidetector computed tomography: an accurate imaging modality for the evaluation of coronary arteries in dilated cardiomyopathy of unknown etiology. <i>Circulation: Cardiovascular Imaging</i> , 2009 , 2, 199-205	3.9	35
104	Noninvasive cardiac output measurement: A new tool in heart failure. <i>Cardiology</i> , 2009 , 114, 244-6	1.6	13
103	Circulating plasma surfactant protein type B as biological marker of alveolar-capillary barrier damage in chronic heart failure. <i>Circulation: Heart Failure</i> , 2009 , 2, 175-80	7.6	26
102	Exercise-induced cardiac constraint by the lungs. <i>Respiratory Medicine CME</i> , 2009 , 2, 33-35		
101	Erectile dysfunction in heart failure: correlation with severity, exercise performance, comorbidities, and heart failure treatment. <i>Journal of Sexual Medicine</i> , 2009 , 6, 2795-805	1.1	28
100	Beyond the ventilation—a reply to the letter to the editor of A. M. Ferrazza and P. Palange. <i>European Journal of Applied Physiology</i> , 2009 , 105, 979-980	3.4	
99	Respiratory effects of beta-blocker therapy in heart failure. <i>Cardiovascular Drugs and Therapy</i> , 2009 , 23, 377-84	3.9	17
98	Alveolar membrane conductance decreases as BNP increases during exercise in heart failure. Rationale for BNP in the evaluation of dyspnea. <i>Journal of Cardiac Failure</i> , 2009 , 15, 136-44	3.3	17
97	Assessment of cardiac resynchronization therapy response. <i>International Journal of Cardiology</i> , 2009 , 136, 240-2	3.2	10
96	Diagnostic accuracy of coronary computed tomography angiography: a comparison between prospective and retrospective electrocardiogram triggering. <i>Journal of the American College of Cardiology</i> , 2009 , 54, 346-55	15.1	109
95	Standards for the use of cardiopulmonary exercise testing for the functional evaluation of cardiac patients: a report from the Exercise Physiology Section of the European Association for Cardiovascular Prevention and Rehabilitation. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2009 , 16, 249-67		240
94	Noninvasive measurement of cardiac output during exercise by inert gas rebreathing technique. <i>Heart Failure Clinics</i> , 2009 , 5, 209-15	3.3	14
93	Do maximum flow-volume loops collected during maximum exercise test alter the main cardiopulmonary parameters?. <i>Chest</i> , 2009 , 135, 425-433	5.3	6

92	Effect of biventricular pacing on ventilatory and perceptual responses to exercise in patients with stable chronic heart failure. <i>Journal of Applied Physiology</i> , 2009 , 106, 1574-83	3.7	36
91	Sildenafil improves the alveolar-capillary function in heart failure patients. <i>International Journal of Cardiology</i> , 2008 , 126, 68-72	3.2	13
90	Permanent atrial fibrillation affects exercise capacity in chronic heart failure patients. <i>European Heart Journal</i> , 2008 , 29, 2367-72	9.5	59
89	Influence of exertional oscillatory ventilation on exercise performance in heart failure. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2008 , 15, 688-92		12
88	Oxidized proteins in plasma of patients with heart failure: role in endothelial damage. <i>European Journal of Heart Failure</i> , 2008 , 10, 244-51	12.3	40
87	Disappearance of isocapnic buffering period during increasing work rate exercise at high altitude. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2008 , 15, 354-8		17
86	Exercise prescription for the prevention and treatment of cardiovascular diseases: part II. <i>Journal of Cardiovascular Medicine</i> , 2008 , 9, 641-52	1.9	9
85	Mechanisms of periodic breathing during exercise in patients with chronic heart failure. <i>Chest</i> , 2008 , 133, 197-203	5.3	34
84	Exercise prescription for the prevention and treatment of cardiovascular diseases: part I. <i>Journal of Cardiovascular Medicine</i> , 2008 , 9, 529-44	1.9	21
83	End-tidal pressure of CO ₂ and exercise performance in healthy subjects. <i>European Journal of Applied Physiology</i> , 2008 , 103, 727-32	3.4	16
82	Diagnostic accuracy of multidetector computed tomography coronary angiography in patients with dilated cardiomyopathy. <i>Journal of the American College of Cardiology</i> , 2007 , 49, 2044-50	15.1	100
81	Lung function with carvedilol and bisoprolol in chronic heart failure: is beta selectivity relevant?. <i>European Journal of Heart Failure</i> , 2007 , 9, 827-33	12.3	44
80	Matrix metalloproteinase and heart failure: is it time to move from research to clinical laboratories?. <i>European Heart Journal</i> , 2007 , 28, 659-60	9.5	4
79	Noninvasive estimation of the lactate threshold in a subject with dissociated ventilatory and pulmonary gas exchange indices: a case report. <i>Chest</i> , 2007 , 132, 1994-7	5.3	5
78	Cardiopulmonary interaction in heart failure. <i>Pulmonary Pharmacology and Therapeutics</i> , 2007 , 20, 130-4	3.5	30
77	Prognostic significance and measurement of exercise-derived hemodynamic variables in patients with heart failure. <i>Journal of Cardiac Failure</i> , 2007 , 13, 672-9	3.3	56
76	Cardiopulmonary exercise testing for heart failure patients: a hodgepodge of techniques, parameters and interpretations. In other words, the need for a time-break. <i>European Heart Journal</i> , 2006 , 27, 633-4	9.5	11
75	Carvedilol reduces exercise-induced hyperventilation: A benefit in normoxia and a problem with hypoxia. <i>European Journal of Heart Failure</i> , 2006 , 8, 729-35	12.3	37

74	Cardiopulmonary evidence of exercise-induced silent ischaemia. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2006 , 13, 249-53		18
73	Gas diffusion and alveolar-capillary unit in chronic heart failure. <i>European Heart Journal</i> , 2006 , 27, 2538-43	3.5	181
72	Cardiopulmonary exercise test evidence of isolated right coronary artery disease. <i>International Journal of Cardiology</i> , 2006 , 113, 281-2	3.2	7
71	Spironolactone improves lung diffusion in chronic heart failure. <i>European Heart Journal</i> , 2005 , 26, 159-64	3.5	52
70	Neurohormonal activation is associated with increased levels of plasma matrix metalloproteinase-2 in human heart failure. <i>European Heart Journal</i> , 2005 , 26, 481-8	9.5	47
69	Noninvasive measurement of cardiac output during exercise by inert gas rebreathing technique: a new tool for heart failure evaluation. <i>Journal of the American College of Cardiology</i> , 2005 , 46, 1779-81	15.1	137
68	Lateral decubitus position generates discomfort and worsens lung function in chronic heart failure. <i>Chest</i> , 2005 , 128, 1511-6	5.3	16
67	Impaired bradykinin response to ischaemia and exercise in patients with mild congestive heart failure during angiotensin-converting enzyme treatment. Relationships with endothelial function, coagulation and inflammation. <i>British Journal of Haematology</i> , 2005 , 130, 113-20	4.5	12
66	Exercise capacity in patients with beta-thalassaemia intermedia. <i>British Journal of Haematology</i> , 2005 , 131, 278-81	4.5	10
65	Work-rate affects cardiopulmonary exercise test results in heart failure. <i>European Journal of Heart Failure</i> , 2005 , 7, 498-504	12.3	79
64	Exercise-induced changes in exhaled nitric oxide in heart failure. <i>European Journal of Heart Failure</i> , 2004 , 6, 551-4	12.3	7
63	Exercise response after rapid intravenous infusion of saline in healthy humans. <i>Journal of Applied Physiology</i> , 2004 , 97, 697-703	3.7	37
62	Effects of rapid saline infusion on lung mechanics and airway responsiveness in humans. <i>Journal of Applied Physiology</i> , 2003 , 95, 728-34	3.7	45
61	Exercise-induced pulmonary edema in heart failure. <i>Circulation</i> , 2003 , 108, 2666-71	16.7	70
60	Effect of non-insulin-dependent diabetes mellitus on pulmonary function and exercise tolerance in chronic congestive heart failure. <i>American Journal of Cardiology</i> , 2002 , 89, 191-7	3	44
59	Does lung diffusion impairment affect exercise capacity in patients with heart failure?. <i>British Heart Journal</i> , 2002 , 88, 453-9		40
58	Evolving Role of Cardiopulmonary Exercise Testing in Heart Failure and Cardiac Transplantation 2002 , 32, 99-108		4
57	Carvedilol reduces the inappropriate increase of ventilation during exercise in heart failure patients. <i>Chest</i> , 2002 , 122, 2062-7	5.3	69

56	Serum to urinary sodium concentration ratio is an estimate of plasma renin activity in congestive heart failure. <i>European Journal of Heart Failure</i> , 2002 , 4, 597-603	12.3	7
55	Exercise hyperpnea in chronic heart failure: relationships to lung stiffness and expiratory flow limitation. <i>Journal of Applied Physiology</i> , 2002 , 92, 1409-16	3.7	74
54	Pulmonary hemodynamic and tidal volume changes during exercise in heart failure. <i>Italian Heart Journal: Official Journal of the Italian Federation of Cardiology</i> , 2002 , 3, 104-8		
53	Sustained benefit from ultrafiltration in moderate congestive heart failure. <i>Cardiology</i> , 2001 , 96, 183-9	1.6	28
52	Cardiac and renal dysfunction in chronic heart failure: relation to neurohumoral activation and prognosis. <i>American Journal of the Medical Sciences</i> , 2001 , 321, 359-66	2.2	23
51	Influence of ACE-inhibition on salt-mediated worsening of pulmonary gas exchange in heart failure. <i>British Journal of Clinical Pharmacology</i> , 2001 , 51, 482-7	3.8	5
50	Alveolar-capillary gas exchange and exercise performance in heart failure. <i>American Journal of Cardiology</i> , 2001 , 88, 452-7	3	8
49	Modulation of alveolar-capillary sodium handling as a mechanism of protection of gas transfer by enalapril, and not by losartan, in chronic heart failure. <i>Journal of the American College of Cardiology</i> , 2001 , 37, 398-406	15.1	28
48	Circulatory response to fluid overload removal by extracorporeal ultrafiltration in refractory congestive heart failure. <i>Journal of the American College of Cardiology</i> , 2001 , 38, 963-8	15.1	187
47	Plasma bradykinin levels in human chronic congestive heart failure. <i>Clinical Science</i> , 2000 , 99, 461-466	6.5	19
46	Plasma bradykinin levels in human chronic congestive heart failure. <i>Clinical Science</i> , 2000 , 99, 461	6.5	9
45	Monitoring gas exchange during a constant work rate exercise in patients with left ventricular dysfunction treated with carvedilol. <i>American Journal of Cardiology</i> , 2000 , 85, 660-4, A10	3	7
44	Effects of simulated altitude-induced hypoxia on exercise capacity in patients with chronic heart failure. <i>American Journal of Medicine</i> , 2000 , 109, 450-5	2.4	60
43	Cardiomegaly as a possible cause of lung dysfunction in patients with heart failure. <i>American Heart Journal</i> , 2000 , 140, e24	4.9	46
42	Lack of improvement of lung diffusing capacity following fluid withdrawal by ultrafiltration in chronic heart failure. <i>Journal of the American College of Cardiology</i> , 2000 , 36, 1600-4	15.1	68
41	The influence of diastolic and systolic function on exercise performance in heart failure due to dilated cardiomyopathy or ischemic heart disease. <i>European Journal of Heart Failure</i> , 1999 , 1, 161-7	12.3	16
40	Impeded alveolar-capillary gas transfer with saline infusion in heart failure. <i>Hypertension</i> , 1999 , 34, 1202-5	8.5	39
39	Modulation of the atrioventricular node conduction to achieve rate control in patients with atrial fibrillation: long-term results. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1999 , 22, 442-52	1.6	10

38	Angiotensin-converting enzyme inhibition facilitates alveolar-capillary gas transfer and improves ventilation-perfusion coupling in patients with left ventricular dysfunction. <i>Clinical Pharmacology and Therapeutics</i> , 1999 , 65, 319-27	6.1	27
37	Exercise-induced hemoconcentration in heart failure due to dilated cardiomyopathy. <i>American Journal of Cardiology</i> , 1999 , 83, 278-80, A6	3	23
36	Synergistic efficacy of enalapril and losartan on exercise performance and oxygen consumption at peak exercise in congestive heart failure. <i>American Journal of Cardiology</i> , 1999 , 84, 1038-43	3	69
35	Aspirin worsens exercise performance and pulmonary gas exchange in patients with heart failure who are taking angiotensin-converting enzyme inhibitors. <i>American Heart Journal</i> , 1999 , 138, 254-60	4.9	41
34	Pulmonary function, cardiac function, and exercise capacity in a follow-up of patients with congestive heart failure treated with carvedilol. <i>American Heart Journal</i> , 1999 , 138, 460-7	4.9	73
33	Angiotensin-converting enzyme inhibition restores the diffusing capacity for carbon monoxide in patients with chronic heart failure by improving the molecular diffusion across the alveolar capillary membrane. <i>Clinical Science</i> , 1999 , 96, 17-22	6.5	21
32	Angiotensin-converting enzyme inhibition restores the diffusing capacity for carbon monoxide in patients with chronic heart failure by improving the molecular diffusion across the alveolar capillary membrane. <i>Clinical Science</i> , 1999 , 96, 17	6.5	12
31	A four-minute submaximal constant work rate exercise test to assess cardiovascular functional class in chronic heart failure. <i>American Journal of Cardiology</i> , 1998 , 81, 1210-4	3	26
30	Oxygen transport to muscle during exercise in chronic congestive heart failure secondary to idiopathic dilated cardiomyopathy. <i>American Journal of Cardiology</i> , 1997 , 79, 1120-4	3	28
29	Comparison of changes in respiratory function and exercise oxygen uptake with losartan versus enalapril in congestive heart failure secondary to ischemic or idiopathic dilated cardiomyopathy. <i>American Journal of Cardiology</i> , 1997 , 80, 1572-6	3	44
28	Improvement of alveolar-capillary membrane diffusing capacity with enalapril in chronic heart failure and counteracting effect of aspirin. <i>Circulation</i> , 1997 , 95, 1930-6	16.7	103
27	Lung function and exercise gas exchange in chronic heart failure. <i>Circulation</i> , 1997 , 96, 2221-7	16.7	283
26	Medium-term effectiveness of L-thyroxine treatment in idiopathic dilated cardiomyopathy. <i>American Journal of Medicine</i> , 1996 , 101, 461-7	2.4	108
25	Influence of ACE Inhibition on Fluid Metabolism in Chronic Heart Failure and Its Pathophysiologic Relevance. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 1996 , 1, 279-286	2.6	2
24	Ineffectiveness of angiotensin converting enzyme inhibition (enalapril) on overt and silent myocardial ischemia in vasospastic angina and comparison with verapamil. <i>Clinical Pharmacology and Therapeutics</i> , 1996 , 59, 476-81	6.1	
23	Systemic to pulmonary bronchial blood flow in heart failure. <i>Chest</i> , 1995 , 107, 1247-52	5.3	16
22	Lung-heart interaction as a substrate for the improvement in exercise capacity after body fluid volume depletion in moderate congestive heart failure. <i>American Journal of Cardiology</i> , 1995 , 76, 793-8	3	55
21	Long-term use of K-strophanthin in advanced congestive heart failure due to dilated cardiomyopathy: a double-blind crossover evaluation versus digoxin. <i>Clinical Cardiology</i> , 1994 , 17, 536-41	3 ³	3

20	Usefulness of L-thyroxine to improve cardiac and exercise performance in idiopathic dilated cardiomyopathy. <i>American Journal of Cardiology</i> , 1994 , 73, 374-8	3	72
19	Sustained improvement in functional capacity after removal of body fluid with isolated ultrafiltration in chronic cardiac insufficiency: failure of furosemide to provide the same result. <i>American Journal of Medicine</i> , 1994 , 96, 191-9	2.4	210
18	Cardiopulmonary exercise testing in syndrome X. <i>American Heart Journal</i> , 1993 , 125, 711-7	4.9	3
17	Isolated ultrafiltration in moderate congestive heart failure. <i>Journal of the American College of Cardiology</i> , 1993 , 21, 424-31	15.1	129
16	Exercise performance in patients with uncomplicated essential hypertension. Effects of nifedipine-induced acute blood pressure reduction. <i>Chest</i> , 1992 , 101, 1591-6	5.3	8
15	Systemic to pulmonary bronchial blood flow in mitral stenosis. <i>Chest</i> , 1991 , 99, 642-5	5.3	1
14	Inspired gas relative humidity affects systemic to pulmonary bronchial blood flow in humans. <i>Chest</i> , 1990 , 97, 1377-80	5.3	14
13	Doppler assessment of left ventricular filling pattern in silent ischemia in patients with Prinzmetal's angina. <i>American Journal of Cardiology</i> , 1990 , 66, 1055-9	3	9
12	Vagal cooling and positive end-expiratory pressure reduce systemic to pulmonary bronchial blood flow in dogs. <i>Respiration</i> , 1990 , 57, 85-9	3.7	1
11	Nifedipine reduces pulmonary pressure and vascular tone during short- but not long-term treatment of pulmonary hypertension in patients with chronic obstructive pulmonary disease. <i>The American Review of Respiratory Disease</i> , 1989 , 139, 120-5		62
10	The discriminatory value of the P(A-a)O ₂ during exercise in the detection of asbestosis in asbestos exposed workers. <i>Chest</i> , 1989 , 95, 52-5	5.3	24
9	Accessory thyroid tissue in the right ventricle. <i>Chest</i> , 1989 , 96, 424-5	5.3	20
8	Increase of alveolar pressure reduces systemic-to-pulmonary bronchial blood flow in humans. <i>Chest</i> , 1989 , 96, 1081-5	5.3	8
7	Pleural liquid pressure in the zone of apposition and in the lung zone. <i>Respiration Physiology</i> , 1989 , 75, 357-70		13
6	Pleural pressure from abdominal to pulmonary rib cage: sweep of the lung border. <i>Respiration Physiology</i> , 1989 , 75, 105-15		10
5	Pleural liquid pressure at the caudal border of the lung. <i>Respiration Physiology</i> , 1989 , 75, 117-28		7
4	Evaluation of breathlessness in asbestos workers. Results of exercise testing. <i>The American Review of Respiratory Disease</i> , 1987 , 135, 812-6		40
3	Temperature dependence of intraparenchymal bronchial blood flow. <i>Respiration Physiology</i> , 1987 , 68, 259-67		15

2 Hemodynamic response to oral prenalterol in dilated decompensated cardiomyopathy as a result of cardiac and vascular effects. *Angiology*, **1985**, 36, 857-66 2.1

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