

# Marco Guazzi

## List of Publications by Citations

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323  
papers

14,804  
citations

63  
h-index

109  
g-index

350  
ext. papers

18,453  
ext. citations

5.6  
avg, IF

6.72  
L-index

#	Paper	IF	Citations
323	Clinician® Guide to cardiopulmonary exercise testing in adults: a scientific statement from the American Heart Association. <i>Circulation</i> , <b>2010</b> , 122, 191-225	16.7	1120
322	Pulmonary hypertension in heart failure with preserved ejection fraction: a target of phosphodiesterase-5 inhibition in a 1-year study. <i>Circulation</i> , <b>2011</b> , 124, 164-74	16.7	399
321	EACPR/AHA Scientific Statement. Clinical recommendations for cardiopulmonary exercise testing data assessment in specific patient populations. <i>Circulation</i> , <b>2012</b> , 126, 2261-74	16.7	396
320	How to diagnose heart failure with preserved ejection fraction: the HFA-PEFF diagnostic algorithm: a consensus recommendation from the Heart Failure Association (HFA) of the European Society of Cardiology (ESC). <i>European Heart Journal</i> , <b>2019</b> , 40, 3297-3317	9.5	379
319	PDE5 inhibition with sildenafil improves left ventricular diastolic function, cardiac geometry, and clinical status in patients with stable systolic heart failure: results of a 1-year, prospective, randomized, placebo-controlled study. <i>Circulation: Heart Failure</i> , <b>2011</b> , 4, 8-17	7.6	298
318	Pulmonary hypertension due to left heart disease. <i>Circulation</i> , <b>2012</b> , 126, 975-90	16.7	294
317	Tricuspid annular plane systolic excursion and pulmonary arterial systolic pressure relationship in heart failure: an index of right ventricular contractile function and prognosis. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2013</b> , 305, H1373-81	5.2	282
316	2020 ESC Guidelines on sports cardiology and exercise in patients with cardiovascular disease. <i>European Heart Journal</i> , <b>2021</b> , 42, 17-96	9.5	264
315	Long-term use of sildenafil in the therapeutic management of heart failure. <i>Journal of the American College of Cardiology</i> , <b>2007</b> , 50, 2136-44	15.1	256
314	Development of a ventilatory classification system in patients with heart failure. <i>Circulation</i> , <b>2007</b> , 115, 2410-7	16.7	256
313	New strategies for heart failure with preserved ejection fraction: the importance of targeted therapies for heart failure phenotypes. <i>European Heart Journal</i> , <b>2014</b> , 35, 2797-815	9.5	231
312	Pulmonary hypertension due to left heart disease. <i>European Respiratory Journal</i> , <b>2019</b> , 53,	13.6	209
311	2016 Focused Update: Clinical Recommendations for Cardiopulmonary Exercise Testing Data Assessment in Specific Patient Populations. <i>Circulation</i> , <b>2016</b> , 133, e694-711	16.7	203
310	The clinical and research applications of aerobic capacity and ventilatory efficiency in heart failure: an evidence-based review. <i>Heart Failure Reviews</i> , <b>2008</b> , 13, 245-69	5	201
309	Cardiopulmonary exercise testing in the clinical and prognostic assessment of diastolic heart failure. <i>Journal of the American College of Cardiology</i> , <b>2005</b> , 46, 1883-90	15.1	184
308	The effects of phosphodiesterase-5 inhibition with sildenafil on pulmonary hemodynamics and diffusion capacity, exercise ventilatory efficiency, and oxygen uptake kinetics in chronic heart failure. <i>Journal of the American College of Cardiology</i> , <b>2004</b> , 44, 2339-48	15.1	180
307	EACPR/AHA Joint Scientific Statement. Clinical recommendations for cardiopulmonary exercise testing data assessment in specific patient populations. <i>European Heart Journal</i> , <b>2012</b> , 33, 2917-27	9.5	174

306	RV Contractile Function and its Coupling to Pulmonary Circulation in Heart Failure With Preserved Ejection Fraction: Stratification of Clinical Phenotypes and Outcomes. <i>JACC: Cardiovascular Imaging</i> , <b>2017</b> , 10, 1211-1221	8.4	159
305	Cardiopulmonary Exercise Testing: What Is its Value?. <i>Journal of the American College of Cardiology</i> , <b>2017</b> , 70, 1618-1636	15.1	157
304	Pulmonary Hypertension in Heart Failure: Pathophysiology, Pathobiology, and Emerging Clinical Perspectives. <i>Journal of the American College of Cardiology</i> , <b>2017</b> , 69, 1718-1734	15.1	153
303	Impact of cardiorespiratory fitness on the obesity paradox in patients with heart failure. <i>Mayo Clinic Proceedings</i> , <b>2013</b> , 88, 251-8	6.4	150
302	Right heart dysfunction and failure in heart failure with preserved ejection fraction: mechanisms and management. Position statement on behalf of the Heart Failure Association of the European Society of Cardiology. <i>European Journal of Heart Failure</i> , <b>2018</b> , 20, 16-37	12.3	137
301	A cardiopulmonary exercise testing score for predicting outcomes in patients with heart failure. <i>American Heart Journal</i> , <b>2008</b> , 156, 1177-83	4.9	137
300	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> , <b>2013</b> , 167, 2710-8	3.2	131
299	Six-minute walk test and cardiopulmonary exercise testing in patients with chronic heart failure: a comparative analysis on clinical and prognostic insights. <i>Circulation: Heart Failure</i> , <b>2009</b> , 2, 549-55	7.6	125
298	Different correlates but similar prognostic implications for right ventricular dysfunction in heart failure patients with reduced or preserved ejection fraction. <i>European Journal of Heart Failure</i> , <b>2017</b> , 19, 873-879	12.3	122
297	Cardiopulmonary exercise testing in patients with pulmonary arterial hypertension: an evidence-based review. <i>Journal of Heart and Lung Transplantation</i> , <b>2010</b> , 29, 159-73	5.8	118
296	Exercise Intolerance in Patients With Heart Failure: JACC State-of-the-Art Review. <i>Journal of the American College of Cardiology</i> , <b>2019</b> , 73, 2209-2225	15.1	115
295	Interrelation of humoral factors, hemodynamics, and fluid and salt metabolism in congestive heart failure: effects of extracorporeal ultrafiltration. <i>American Journal of Medicine</i> , <b>1993</b> , 94, 49-56	2.4	113
294	Electrical Substrate Elimination in 135 Consecutive Patients With Brugada Syndrome. <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2017</b> , 10, e005053	6.4	112
293	Improvement of alveolar-capillary membrane diffusing capacity with enalapril in chronic heart failure and counteracting effect of aspirin. <i>Circulation</i> , <b>1997</b> , 95, 1930-6	16.7	103
292	Pulmonary hypertension with left-sided heart disease. <i>Nature Reviews Cardiology</i> , <b>2010</b> , 7, 648-59	14.8	101
291	The minute ventilation/carbon dioxide production slope is prognostically superior to the oxygen uptake efficiency slope. <i>Journal of Cardiac Failure</i> , <b>2007</b> , 13, 462-9	3.3	100
290	Association of Troponin Levels With Mortality in Italian Patients Hospitalized With Coronavirus Disease 2019: Results of a Multicenter Study. <i>JAMA Cardiology</i> , <b>2020</b> , 5, 1274-1280	16.2	95
289	A new formula for echo-Doppler estimation of right ventricular systolic pressure. <i>Journal of the American Society of Echocardiography</i> , <b>1994</b> , 7, 20-6	5.8	94

288	Guía ESC 2016 sobre el diagnóstico y tratamiento de la insuficiencia cardiaca aguda y crónica. <i>Revista Española De Cardiología</i> , <b>2016</b> , 69, 1167.e1-1167.e85	1.5	91
287	Prognostic value of heart rate recovery in patients with heart failure. <i>American Heart Journal</i> , <b>2006</b> , 151, 851.e7-13	4.9	88
286	A meta-analysis of the prognostic significance of cardiopulmonary exercise testing in patients with heart failure. <i>Heart Failure Reviews</i> , <b>2013</b> , 18, 79-94	5	87
285	Phosphodiesterase 5 inhibition with sildenafil reverses exercise oscillatory breathing in chronic heart failure: a long-term cardiopulmonary exercise testing placebo-controlled study. <i>European Journal of Heart Failure</i> , <b>2012</b> , 14, 82-90	12.3	87
284	Alveolar-capillary membrane dysfunction in heart failure: evidence of a pathophysiologic role. <i>Chest</i> , <b>2003</b> , 124, 1090-102	5.3	87
283	Echocardiography of Right Ventriculoarterial Coupling Combined With Cardiopulmonary Exercise Testing to Predict Outcome in Heart Failure. <i>Chest</i> , <b>2015</b> , 148, 226-234	5.3	85
282	Exercise intolerance in chronic heart failure: mechanisms and therapies. Part I. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , <b>2010</b> , 17, 637-42		85
281	Exercise oscillatory ventilation may predict sudden cardiac death in heart failure patients. <i>Journal of the American College of Cardiology</i> , <b>2007</b> , 50, 299-308	15.1	85
280	How to diagnose heart failure with preserved ejection fraction: the HFA-PEFF diagnostic algorithm: a consensus recommendation from the Heart Failure Association (HFA) of the European Society of Cardiology (ESC). <i>European Journal of Heart Failure</i> , <b>2020</b> , 22, 391-412	12.3	84
279	Determining the preferred percent-predicted equation for peak oxygen consumption in patients with heart failure. <i>Circulation: Heart Failure</i> , <b>2009</b> , 2, 113-20	7.6	81
278	Improvement of alveolar-capillary membrane diffusing capacity with exercise training in chronic heart failure. <i>Journal of Applied Physiology</i> , <b>2004</b> , 97, 1866-73	3.7	81
277	Alveolar gas diffusion abnormalities in heart failure. <i>Journal of Cardiac Failure</i> , <b>2008</b> , 14, 695-702	3.3	79
276	Exercise oscillatory breathing and increased ventilation to carbon dioxide production slope in heart failure: an unfavorable combination with high prognostic value. <i>American Heart Journal</i> , <b>2007</b> , 153, 859-67	4.9	79
275	Benefits of PDE5 inhibition in patients with diastolic heart failure. <i>BMC Pharmacology</i> , <b>2011</b> , 11,		78
274	Healthy lifestyle interventions to combat noncommunicable disease—a novel nonhierarchical connectivity model for key stakeholders: a policy statement from the American Heart Association, European Society of Cardiology, European Association for Cardiovascular Prevention and Rehabilitation, and American College of Preventive Medicine. <i>European Heart Journal</i> , <b>2015</b> , 36, 2097-2109	9.5	77
273	Exercise ventilation inefficiency and cardiovascular mortality in heart failure: the critical independent prognostic value of the arterial CO <sub>2</sub> partial pressure. <i>European Heart Journal</i> , <b>2005</b> , 26, 472-80	9.5	77
272	2016 focused update: clinical recommendations for cardiopulmonary exercise testing data assessment in specific patient populations. <i>European Heart Journal</i> , <b>2018</b> , 39, 1144-1161	9.5	75
271	Pulmonary hypertension in heart failure preserved ejection fraction: prevalence, pathophysiology, and clinical perspectives. <i>Circulation: Heart Failure</i> , <b>2014</b> , 7, 367-77	7.6	75

270	Relationship of serum sodium concentration to mortality in a wide spectrum of heart failure patients with preserved and with reduced ejection fraction: an individual patient data meta-analysis(1): Meta-Analysis Global Group in Chronic heart failure (MAGGIC). <i>European Journal of Heart Failure</i> , <b>2012</b> , 14, 1139-46	12.3	74
269	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> , <b>1999</b> , 138, 460-7	4.9	73
268	Carvedilol reduces the inappropriate increase of ventilation during exercise in heart failure patients. <i>Chest</i> , <b>2002</b> , 122, 2062-7	5.3	69
267	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> , <b>1999</b> , 84, 1038-43	3	69
266	Should high-intensity-aerobic interval training become the clinical standard in heart failure?. <i>Heart Failure Reviews</i> , <b>2013</b> , 18, 95-105	5	68
265	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> , <b>2000</b> , 36, 1600-4	15.1	68
264	Cardiopulmonary exercise testing: relevant but underused. <i>Postgraduate Medicine</i> , <b>2010</b> , 122, 68-86	3.7	67
263	Exercise oscillatory breathing in diastolic heart failure: prevalence and prognostic insights. <i>European Heart Journal</i> , <b>2008</b> , 29, 2751-9	9.5	67
262	Supervision of exercise testing by nonphysicians: a scientific statement from the American Heart Association. <i>Circulation</i> , <b>2014</b> , 130, 1014-27	16.7	64
261	Pulmonary hypertension in heart failure with preserved ejection fraction: a plea for proper phenotyping and further research. <i>European Heart Journal</i> , <b>2017</b> , 38, 2869-2873	9.5	64
260	Promoting health and wellness in the workplace: a unique opportunity to establish primary and extended secondary cardiovascular risk reduction programs. <i>Mayo Clinic Proceedings</i> , <b>2013</b> , 88, 605-17	6.4	62
259	Prognostic value of end-tidal carbon dioxide during exercise testing in heart failure. <i>International Journal of Cardiology</i> , <b>2007</b> , 117, 103-8	3.2	61
258	Effects of simulated altitude-induced hypoxia on exercise capacity in patients with chronic heart failure. <i>American Journal of Medicine</i> , <b>2000</b> , 109, 450-5	2.4	60
257	Healthy Lifestyle Interventions to Combat Noncommunicable Disease: A Novel Nonhierarchical Connectivity Model for Key Stakeholders: A Policy Statement From the American Heart Association, European Society of Cardiology, European Association for Cardiovascular Prevention and Rehabilitation, and American College of Preventive Medicine. <i>Mayo Clinic Proceedings</i> , <b>2015</b> , 90, 1082-103	6.4	59
256	Inspiratory muscle training in heart disease and heart failure: a review of the literature with a focus on method of training and outcomes. <i>Expert Review of Cardiovascular Therapy</i> , <b>2013</b> , 11, 161-77	2.5	59
255	The prognostic value of the heart rate response during exercise and recovery in patients with heart failure: influence of beta-blockade. <i>International Journal of Cardiology</i> , <b>2010</b> , 138, 166-73	3.2	59
254	Permanent atrial fibrillation affects exercise capacity in chronic heart failure patients. <i>European Heart Journal</i> , <b>2008</b> , 29, 2367-72	9.5	59
253	Exercise ventilation inefficiency in heart failure: pathophysiological and clinical significance. <i>European Heart Journal</i> , <b>2007</b> , 28, 673-8	9.5	58

252	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> , <b>2020</b> , 22, 2238-2247	12.3	58
251	Antihypertensive efficacy of angiotensin converting enzyme inhibition and aspirin counteraction. <i>Clinical Pharmacology and Therapeutics</i> , <b>1998</b> , 63, 79-86	6.1	56
250	Changes in circulating norepinephrine with hemofiltration in advanced congestive heart failure. <i>American Journal of Cardiology</i> , <b>1990</b> , 66, 987-94	3	56
249	Left Atrial Function Dynamics During Exercise in Heart Failure: Pathophysiological Implications on the Right Heart and Exercise Ventilation Inefficiency. <i>JACC: Cardiovascular Imaging</i> , <b>2017</b> , 10, 1253-1264	8.4	55
248	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> , <b>1995</b> , 76, 793-8	3	55
247	The future of aerobic exercise testing in clinical practice: is it the ultimate vital sign?. <i>Future Cardiology</i> , <b>2010</b> , 6, 325-42	1.3	54
246	The lowest VE/VCO <sub>2</sub> ratio during exercise as a predictor of outcomes in patients with heart failure. <i>Journal of Cardiac Failure</i> , <b>2009</b> , 15, 756-62	3.3	53
245	Normalization for peak oxygen uptake increases the prognostic power of the ventilatory response to exercise in patients with chronic heart failure. <i>American Heart Journal</i> , <b>2003</b> , 146, 542-8	4.9	53
244	Cardiopulmonary exercise testing as a diagnostic tool for the detection of left-sided pulmonary hypertension in heart failure. <i>Journal of Cardiac Failure</i> , <b>2013</b> , 19, 461-7	3.3	52
243	Multiparametric prognostic scores in chronic heart failure with reduced ejection fraction: a long-term comparison. <i>European Journal of Heart Failure</i> , <b>2018</b> , 20, 700-710	12.3	51
242	Cardiopulmonary exercise testing variables reflect the degree of diastolic dysfunction in patients with heart failure-normal ejection fraction. <i>Journal of Cardiopulmonary Rehabilitation and Prevention</i> , <b>2010</b> , 30, 165-72	3.6	51
241	Oxygen transport in blood at high altitude: role of the hemoglobin-oxygen affinity and impact of the phenomena related to hemoglobin allosterism and red cell function. <i>European Journal of Applied Physiology</i> , <b>2003</b> , 90, 351-9	3.4	51
240	Pulmonary hypertension in left heart disease. <i>European Respiratory Review</i> , <b>2012</b> , 21, 338-46	9.8	50
239	Right Ventricular Contractile Reserve and Pulmonary Circulation Uncoupling During Exercise Challenge in Heart Failure: Pathophysiology and Clinical Phenotypes. <i>JACC: Heart Failure</i> , <b>2016</b> , 4, 625-35	7.9	49
238	Cardiopulmonary Exercise Testing in Heart Failure. <i>Current Problems in Cardiology</i> , <b>2015</b> , 40, 322-72	17.1	46
237	Cardiomegaly as a possible cause of lung dysfunction in patients with heart failure. <i>American Heart Journal</i> , <b>2000</b> , 140, e24	4.9	46
236	Validation of a cardiopulmonary exercise test score in heart failure. <i>Circulation: Heart Failure</i> , <b>2013</b> , 6, 211-8	7.6	45
235	Exercise intolerance in chronic heart failure: mechanisms and therapies. Part II. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , <b>2010</b> , 17, 643-8		44



234	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> , <b>1997</b> , 80, 1572-6	3	44
233	Effect of non-insulin-dependent diabetes mellitus on pulmonary function and exercise tolerance in chronic congestive heart failure. <i>American Journal of Cardiology</i> , <b>2002</b> , 89, 191-7	3	44
232	Diabetes worsens pulmonary diffusion in heart failure, and insulin counteracts this effect. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2002</b> , 166, 978-82	10.2	44
231	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> , <b>2016</b> , 18, 545-53	12.3	44
230	Clinical use of phosphodiesterase-5 inhibitors in chronic heart failure. <i>Circulation: Heart Failure</i> , <b>2008</b> , 1, 272-80	7.6	43
229	Heart rate recovery after the 6 min walk test rather than distance ambulated is a powerful prognostic indicator in heart failure with reduced and preserved ejection fraction: a comparison with cardiopulmonary exercise testing. <i>European Journal of Heart Failure</i> , <b>2013</b> , 15, 519-27	12.3	42
228	Non-invasive measurement of stroke volume during exercise in heart failure patients. <i>Clinical Science</i> , <b>2000</b> , 98, 545-551	6.5	42
227	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> , <b>1999</b> , 138, 254-60	4.9	41
226	Assessing Physical Activity as a Core Component in Cardiac Rehabilitation: A POSITION STATEMENT OF THE AMERICAN ASSOCIATION OF CARDIOVASCULAR AND PULMONARY REHABILITATION. <i>Journal of Cardiopulmonary Rehabilitation and Prevention</i> , <b>2016</b> , 36, 217-29	3.6	40
225	Cardiopulmonary exercise testing is a core assessment for patients with heart failure. <i>Congestive Heart Failure</i> , <b>2011</b> , 17, 115-9		40
224	The role of PDE5-inhibitors in cardiopulmonary disorders: from basic evidence to clinical development. <i>Current Medicinal Chemistry</i> , <b>2007</b> , 14, 2181-91	4.3	40
223	Prognostic value of indeterminable anaerobic threshold in heart failure. <i>Circulation: Heart Failure</i> , <b>2013</b> , 6, 977-87	7.6	39
222	Virgin coconut oil and its potential cardioprotective effects. <i>Postgraduate Medicine</i> , <b>2014</b> , 126, 76-83	3.7	39
221	Prognostic value of resting end-tidal carbon dioxide in patients with heart failure. <i>International Journal of Cardiology</i> , <b>2006</b> , 109, 351-8	3.2	39
220	Impeded alveolar-capillary gas transfer with saline infusion in heart failure. <i>Hypertension</i> , <b>1999</b> , 34, 1202-5		39
219	Cardiac rehabilitation in Europe. <i>Progress in Cardiovascular Diseases</i> , <b>2014</b> , 56, 551-6	8.5	37
218	The partial pressure of resting end-tidal carbon dioxide predicts major cardiac events in patients with systolic heart failure. <i>American Heart Journal</i> , <b>2008</b> , 156, 982-8	4.9	37
217	Relation of the prognostic value of ventilatory efficiency to body mass index in patients with heart failure. <i>American Journal of Cardiology</i> , <b>2008</b> , 101, 348-52	3	36

216	Phosphodiesterase-5 inhibition abolishes neuron apoptosis induced by chronic hypoxia independently of hypoxia-inducible factor-1alpha signaling. <i>Experimental Biology and Medicine</i> , <b>2008</b> , 233, 1222-30	3.7	36
215	Prognostic characteristics of cardiopulmonary exercise testing in heart failure: comparing American and European models. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , <b>2005</b> , 12, 562-567		36
214	Exercise training for patients with type 2 diabetes and cardiovascular disease: What to pursue and how to do it. A Position Paper of the European Association of Preventive Cardiology (EAPC). <i>European Journal of Preventive Cardiology</i> , <b>2019</b> , 26, 709-727	3.9	36
213	Sildenafil in Heart failure (SilHF). An investigator-initiated multinational randomized controlled clinical trial: rationale and design. <i>European Journal of Heart Failure</i> , <b>2013</b> , 15, 119-22	12.3	35
212	Influence of etiology of heart failure on the obesity paradox. <i>American Journal of Cardiology</i> , <b>2009</b> , 104, 1116-21	3	35
211	Altered Hemodynamics and End-Organ Damage in Heart Failure: Impact on the Lung and Kidney. <i>Circulation</i> , <b>2020</b> , 142, 998-1012	16.7	35
210	Effects of respiratory exchange ratio on the prognostic value of peak oxygen consumption and ventilatory efficiency in patients with systolic heart failure. <i>JACC: Heart Failure</i> , <b>2013</b> , 1, 427-32	7.9	34
209	Does peak oxygen pulse complement peak oxygen uptake in risk stratifying patients with heart failure?. <i>American Journal of Cardiology</i> , <b>2009</b> , 104, 554-8	3	33
208	Insulin improves alveolar-capillary membrane gas conductance in type 2 diabetes. <i>Diabetes Care</i> , <b>2002</b> , 25, 1802-6	14.6	33
207	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> , <b>2019</b> , 21, 208-217	12.3	33
206	Defining the optimal prognostic window for cardiopulmonary exercise testing in patients with heart failure. <i>Circulation: Heart Failure</i> , <b>2010</b> , 3, 405-11	7.6	32
205	Development of a cardiopulmonary exercise prognostic score for optimizing risk stratification in heart failure: the (P)e(R)i(O)dic (B)reathing during (E)xercise (PROBE) study. <i>Journal of Cardiac Failure</i> , <b>2010</b> , 16, 799-805	3.3	32
204	Cardiopulmonary exercise testing in the assessment of pulmonary hypertension. <i>Expert Review of Respiratory Medicine</i> , <b>2011</b> , 5, 281-93	3.8	32
203	Endothelial dysfunction and exercise performance in lone atrial fibrillation or associated with hypertension or diabetes: different results with cardioversion. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2006</b> , 291, H921-8	5.2	32
202	Aspirin-angiotensin-converting enzyme inhibitor coadministration and mortality in patients with heart failure: a dose-related adverse effect of aspirin. <i>Archives of Internal Medicine</i> , <b>2003</b> , 163, 1574-9		32
201	Cardiopulmonary exercise testing reflects similar pathophysiology and disease severity in heart failure patients with reduced and preserved ejection fraction. <i>European Journal of Preventive Cardiology</i> , <b>2014</b> , 21, 847-54	3.9	31
200	Prognostic value of timing and duration characteristics of exercise oscillatory ventilation in patients with heart failure. <i>Journal of Heart and Lung Transplantation</i> , <b>2008</b> , 27, 341-7	5.8	31
199	Deconditioning as main mechanism of impaired exercise response in COVID-19 survivors. <i>European Respiratory Journal</i> , <b>2021</b> , 58,	13.6	31



198	Who will deliver comprehensive healthy lifestyle interventions to combat non-communicable disease? Introducing the healthy lifestyle practitioner discipline. <i>Expert Review of Cardiovascular Therapy</i> , <b>2016</b> , 14, 15-22	2.5	30
197	Ventilatory power: a novel index that enhances prognostic assessment of patients with heart failure. <i>Circulation: Heart Failure</i> , <b>2012</b> , 5, 621-6	7.6	30
196	Influences of sildenafil on lung function and hemodynamics in patients with chronic heart failure. <i>Clinical Pharmacology and Therapeutics</i> , <b>2004</b> , 76, 371-8	6.1	30
195	Alveolar-capillary membrane conductance is the best pulmonary function correlate of exercise ventilation efficiency in heart failure patients. <i>European Journal of Heart Failure</i> , <b>2005</b> , 7, 1017-22	12.3	30
194	Cardiopulmonary exercise testing characteristics in heart failure patients with and without concomitant chronic obstructive pulmonary disease. <i>American Heart Journal</i> , <b>2010</b> , 160, 900-5	4.9	28
193	Oxygen transport to muscle during exercise in chronic congestive heart failure secondary to idiopathic dilated cardiomyopathy. <i>American Journal of Cardiology</i> , <b>1997</b> , 79, 1120-4	3	28
192	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> , <b>2001</b> , 37, 398-406	15.1	28
191	Endothelial dysfunction and lung capillary injury in cardiovascular diseases. <i>Progress in Cardiovascular Diseases</i> , <b>2015</b> , 57, 454-62	8.5	27
190	Role of right ventricle and dynamic pulmonary hypertension on determining $\dot{V}O_2/\dot{V}E$ Work Rate flattening: insights from cardiopulmonary exercise test combined with exercise echocardiography. <i>Circulation: Heart Failure</i> , <b>2014</b> , 7, 782-90	7.6	27
189	The added prognostic value of ventilatory efficiency to the Weber classification system in patients with heart failure. <i>International Journal of Cardiology</i> , <b>2008</b> , 129, 86-92	3.2	27
188	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> , <b>1999</b> , 65, 319-27	6.1	27
187	Predictors of Clinical Evolution in Prehypertrophic Fabry Disease. <i>Circulation: Cardiovascular Imaging</i> , <b>2019</b> , 12, e008424	3.9	26
186	Alveolar-capillary membrane dysfunction in chronic heart failure: pathophysiology and therapeutic implications. <i>Clinical Science</i> , <b>2000</b> , 98, 633-641	6.5	26
185	Pulmonary Hypertension in HFpEF and HFrEF: JACC Review Topic of the Week. <i>Journal of the American College of Cardiology</i> , <b>2020</b> , 76, 1102-1111	15.1	26
184	Pathophysiology and clinical relevance of pulmonary remodelling in pulmonary hypertension due to left heart diseases. <i>Canadian Journal of Cardiology</i> , <b>2015</b> , 31, 416-29	3.8	25
183	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> , <b>2016</b> , 203, 1067-72	3.2	25
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180	Insulin ameliorates exercise ventilatory efficiency and oxygen uptake in patients with heart failure-type 2 diabetes comorbidity. <i>Journal of the American College of Cardiology</i> , <b>2003</b> , 42, 1044-50	15.1	25
179	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> , <b>2015</b> , 22, 1046-55	3.9	24
178	Impact of right ventricular dysfunction on the outcome of heart failure patients undergoing surgical ventricular reconstruction □ <i>European Journal of Cardio-thoracic Surgery</i> , <b>2015</b> , 47, 333-40; discussion 340	3	24
177	A neural network approach to predicting outcomes in heart failure using cardiopulmonary exercise testing. <i>International Journal of Cardiology</i> , <b>2014</b> , 171, 265-9	3.2	24
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175	Ventilatory efficiency and dyspnea on exertion improvements are related to reduced pulmonary pressure in heart failure patients receiving Sildenafil. <i>International Journal of Cardiology</i> , <b>2010</b> , 144, 410-2	3.2	24
174	Prognostic value of flow-mediated dilatation following myocardial infarction. <i>International Journal of Cardiology</i> , <b>2009</b> , 132, 45-50	3.2	24
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172	How the two sides of the heart adapt to graded impedance to venous return with head-up tilting. <i>Journal of the American College of Cardiology</i> , <b>1995</b> , 26, 1732-40	15.1	24
171	Effects of Levosimendan on Endothelial Function and Hemodynamics During Weaning From Venous-Arterial Extracorporeal Life Support. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , <b>2016</b> , 30, 1449-1453	2.1	23
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