

Barry A Borlaug

List of Publications by Citations

Source: <https://exaly.com/author-pdf/2095619/barry-a-borlaug-publications-by-citations.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

302
papers

19,736
citations

71
h-index

135
g-index

389
ext. papers

25,974
ext. citations

8.1
avg, IF

7.5
L-index

#	Paper	IF	Citations
302	Effect of phosphodiesterase-5 inhibition on exercise capacity and clinical status in heart failure with preserved ejection fraction: a randomized clinical trial. <i>JAMA - Journal of the American Medical Association</i> , 2013 , 309, 1268-77	27.4	762
301	Pulmonary hypertension in heart failure with preserved ejection fraction: a community-based study. <i>Journal of the American College of Cardiology</i> , 2009 , 53, 1119-26	15.1	724
300	Heart failure with preserved ejection fraction: pathophysiology, diagnosis, and treatment. <i>European Heart Journal</i> , 2011 , 32, 670-9	9.5	715
299	Exercise hemodynamics enhance diagnosis of early heart failure with preserved ejection fraction. <i>Circulation: Heart Failure</i> , 2010 , 3, 588-95	7.6	650
298	Age- and gender-related ventricular-vascular stiffening: a community-based study. <i>Circulation</i> , 2005 , 112, 2254-62	16.7	597
297	Phenotype-Specific Treatment of Heart Failure With Preserved Ejection Fraction: A Multiorgan Roadmap. <i>Circulation</i> , 2016 , 134, 73-90	16.7	485
296	Impaired chronotropic and vasodilator reserves limit exercise capacity in patients with heart failure and a preserved ejection fraction. <i>Circulation</i> , 2006 , 114, 2138-47	16.7	470
295	Global cardiovascular reserve dysfunction in heart failure with preserved ejection fraction. <i>Journal of the American College of Cardiology</i> , 2010 , 56, 845-54	15.1	458
294	Evidence Supporting the Existence of a Distinct Obese Phenotype of Heart Failure With Preserved Ejection Fraction. <i>Circulation</i> , 2017 , 136, 6-19	16.7	421
293	Cardiac structure and ventricular-vascular function in persons with heart failure and preserved ejection fraction from Olmsted County, Minnesota. <i>Circulation</i> , 2007 , 115, 1982-90	16.7	393
292	Cardiovascular features of heart failure with preserved ejection fraction versus nonfailing hypertensive left ventricular hypertrophy in the urban Baltimore community: the role of atrial remodeling/dysfunction. <i>Journal of the American College of Cardiology</i> , 2007 , 49, 198-207	15.1	365
291	The pathophysiology of heart failure with preserved ejection fraction. <i>Nature Reviews Cardiology</i> , 2014 , 11, 507-15	14.8	353
290	Right heart dysfunction in heart failure with preserved ejection fraction. <i>European Heart Journal</i> , 2014 , 35, 3452-62	9.5	351
289	Isosorbide Mononitrate in Heart Failure with Preserved Ejection Fraction. <i>New England Journal of Medicine</i> , 2015 , 373, 2314-24	59.2	331
288	A Simple, Evidence-Based Approach to Help Guide Diagnosis of Heart Failure With Preserved Ejection Fraction. <i>Circulation</i> , 2018 , 138, 861-870	16.7	329
287	Low-dose dopamine or low-dose nesiritide in acute heart failure with renal dysfunction: the ROSE acute heart failure randomized trial. <i>JAMA - Journal of the American Medical Association</i> , 2013 , 310, 2533-43	27.4	322
286	Age-associated increases in pulmonary artery systolic pressure in the general population. <i>Circulation</i> , 2009 , 119, 2663-70	16.7	314

285	Contractility and ventricular systolic stiffening in hypertensive heart disease insights into the pathogenesis of heart failure with preserved ejection fraction. <i>Journal of the American College of Cardiology</i> , 2009 , 54, 410-8	15.1	303
284	Pulmonary hypertension due to left heart disease. <i>Circulation</i> , 2012 , 126, 975-90	16.7	294
283	Pulmonary capillary wedge pressure augments right ventricular pulsatile loading. <i>Circulation</i> , 2012 , 125, 289-97	16.7	284
282	Diastolic and systolic heart failure are distinct phenotypes within the heart failure spectrum. <i>Circulation</i> , 2011 , 123, 2006-13; discussion 2014	16.7	272
281	Left atrial remodeling and function in advanced heart failure with preserved or reduced ejection fraction. <i>Circulation: Heart Failure</i> , 2015 , 8, 295-303	7.6	249
280	Impact of arterial load and loading sequence on left ventricular tissue velocities in humans. <i>Journal of the American College of Cardiology</i> , 2007 , 50, 1570-7	15.1	248
279	Role of Diastolic Stress Testing in the Evaluation for Heart Failure With Preserved Ejection Fraction: A Simultaneous Invasive-Echocardiographic Study. <i>Circulation</i> , 2017 , 135, 825-838	16.7	239
278	Heart Failure With Preserved Ejection Fraction In Perspective. <i>Circulation Research</i> , 2019 , 124, 1598-1617	15.7	229
277	Ventricular-vascular interaction in heart failure. <i>Heart Failure Clinics</i> , 2008 , 4, 23-36	3.3	223
276	Effects of vasodilation in heart failure with preserved or reduced ejection fraction implications of distinct pathophysiologies on response to therapy. <i>Journal of the American College of Cardiology</i> , 2012 , 59, 442-51	15.1	219
275	Cardiac output response to exercise in relation to metabolic demand in heart failure with preserved ejection fraction. <i>European Journal of Heart Failure</i> , 2013 , 15, 776-85	12.3	202
274	Abnormal right ventricular-pulmonary artery coupling with exercise in heart failure with preserved ejection fraction. <i>European Heart Journal</i> , 2016 , 37, 3293-3302	9.5	176
273	Sex differences in arterial stiffness and ventricular-arterial interactions. <i>Journal of the American College of Cardiology</i> , 2013 , 61, 96-103	15.1	169
272	Clinical features, hemodynamics, and outcomes of pulmonary hypertension due to chronic heart failure with reduced ejection fraction: pulmonary hypertension and heart failure. <i>JACC: Heart Failure</i> , 2013 , 1, 290-299	7.9	165
271	World Health Organization Pulmonary Hypertension group 2: pulmonary hypertension due to left heart disease in the adult--a summary statement from the Pulmonary Hypertension Council of the International Society for Heart and Lung Transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2012 , 31, 913-33	5.8	165
270	Implications of coronary artery disease in heart failure with preserved ejection fraction. <i>Journal of the American College of Cardiology</i> , 2014 , 63, 2817-27	15.1	161
269	Comorbidity and ventricular and vascular structure and function in heart failure with preserved ejection fraction: a community-based study. <i>Circulation: Heart Failure</i> , 2012 , 5, 710-9	7.6	152
268	Sodium Nitrite Improves Exercise Hemodynamics and Ventricular Performance in Heart Failure With Preserved Ejection Fraction. <i>Journal of the American College of Cardiology</i> , 2015 , 66, 1672-82	15.1	149

267	Diastolic relaxation and compliance reserve during dynamic exercise in heart failure with preserved ejection fraction. <i>Heart</i> , 2011 , 97, 964-9	5.1	147
266	Why are women more likely than men to develop heart failure with preserved ejection fraction?. <i>Current Opinion in Cardiology</i> , 2011 , 26, 562-8	2.1	146
265	Sildenafil inhibits beta-adrenergic-stimulated cardiac contractility in humans. <i>Circulation</i> , 2005 , 112, 2642-9	10.7	142
264	Ventricular-arterial coupling, remodeling, and prognosis in chronic heart failure. <i>Journal of the American College of Cardiology</i> , 2013 , 62, 1165-72	15.1	139
263	Hemodynamic responses to rapid saline loading: the impact of age, sex, and heart failure. <i>Circulation</i> , 2013 , 127, 55-62	16.7	138
262	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> , 2018 , 20, 16-37	12.3	137
261	Global Pulmonary Vascular Remodeling in Pulmonary Hypertension Associated With Heart Failure and Preserved or Reduced Ejection Fraction. <i>Circulation</i> , 2018 , 137, 1796-1810	16.7	130
260	Effect of Inorganic Nitrite vs Placebo on Exercise Capacity Among Patients With Heart Failure With Preserved Ejection Fraction: The INDIE-HFpEF Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2018 , 320, 1764-1773	27.4	128
259	Differential hemodynamic effects of exercise and volume expansion in people with and without heart failure. <i>Circulation: Heart Failure</i> , 2015 , 8, 41-8	7.6	125
258	High-Output Heart Failure: A 15-Year Experience. <i>Journal of the American College of Cardiology</i> , 2016 , 68, 473-482	15.1	125
257	Arterial Stiffening With Exercise in Patients With Heart Failure and Preserved Ejection Fraction. <i>Journal of the American College of Cardiology</i> , 2017 , 70, 136-148	15.1	121
256	Exercise Intolerance in Patients With Heart Failure: JACC State-of-the-Art Review. <i>Journal of the American College of Cardiology</i> , 2019 , 73, 2209-2225	15.1	115
255	Myocardial iron content and mitochondrial function in human heart failure: a direct tissue analysis. <i>European Journal of Heart Failure</i> , 2017 , 19, 522-530	12.3	115
254	Evaluation and management of heart failure with preserved ejection fraction. <i>Nature Reviews Cardiology</i> , 2020 , 17, 559-573	14.8	113
253	Inhaled Sodium Nitrite Improves Rest and Exercise Hemodynamics in Heart Failure With Preserved Ejection Fraction. <i>Circulation Research</i> , 2016 , 119, 880-6	15.7	107
252	Longitudinal changes in left ventricular stiffness: a community-based study. <i>Circulation: Heart Failure</i> , 2013 , 6, 944-52	7.6	103
251	Exercise training as therapy for heart failure: current status and future directions. <i>Circulation: Heart Failure</i> , 2015 , 8, 209-20	7.6	101
250	Relationships between right ventricular function, body composition, and prognosis in advanced heart failure. <i>Journal of the American College of Cardiology</i> , 2013 , 62, 1660-1670	15.1	99

249	Exercise unmasks distinct pathophysiologic features in heart failure with preserved ejection fraction and pulmonary vascular disease. <i>European Heart Journal</i> , 2018 , 39, 2825-2835	9.5	99
248	Phosphodiesterase-5 Inhibition to Improve Clinical Status and Exercise Capacity in Diastolic Heart Failure (RELAX) trial: rationale and design. <i>Circulation: Heart Failure</i> , 2012 , 5, 653-9	7.6	98
247	Impact of atrial fibrillation on exercise capacity in heart failure with preserved ejection fraction: a RELAX trial ancillary study. <i>Circulation: Heart Failure</i> , 2014 , 7, 123-30	7.6	97
246	Research Priorities for Heart Failure With Preserved Ejection Fraction: National Heart, Lung, and Blood Institute Working Group Summary. <i>Circulation</i> , 2020 , 141, 1001-1026	16.7	95
245	Mechanisms of diastolic dysfunction in heart failure. <i>Trends in Cardiovascular Medicine</i> , 2006 , 16, 273-9	6.9	95
244	Deterioration in right ventricular structure and function over time in patients with heart failure and preserved ejection fraction. <i>European Heart Journal</i> , 2019 , 40, 689-697	9.5	94
243	Ventricular-vascular interaction in heart failure. <i>Cardiology Clinics</i> , 2011 , 29, 447-59	2.5	93
242	Haemodynamics, dyspnoea, and pulmonary reserve in heart failure with preserved ejection fraction. <i>European Heart Journal</i> , 2018 , 39, 2810-2821	9.5	88
241	Systemic hypertension in low-gradient severe aortic stenosis with preserved ejection fraction. <i>Circulation</i> , 2013 , 128, 1349-53	16.7	83
240	Hemodynamic Correlates and Diagnostic Role of Cardiopulmonary Exercise Testing in Heart Failure With Preserved Ejection Fraction. <i>JACC: Heart Failure</i> , 2018 , 6, 665-675	7.9	83
239	The haemodynamic basis of lung congestion during exercise in heart failure with preserved ejection fraction. <i>European Heart Journal</i> , 2019 , 40, 3721-3730	9.5	82
238	The cGMP signaling pathway as a therapeutic target in heart failure with preserved ejection fraction. <i>Journal of the American Heart Association</i> , 2013 , 2, e000536	6	82
237	Effects of an interatrial shunt on rest and exercise hemodynamics: results of a computer simulation in heart failure. <i>Journal of Cardiac Failure</i> , 2014 , 20, 212-21	3.3	81
236	Left atrial strain and compliance in the diagnostic evaluation of heart failure with preserved ejection fraction. <i>European Journal of Heart Failure</i> , 2019 , 21, 891-900	12.3	80
235	Heart Failure With Preserved Ejection Fraction. <i>Current Problems in Cardiology</i> , 2016 , 41, 145-88	17.1	80
234	Biomarkers in acutely decompensated heart failure with preserved or reduced ejection fraction. <i>American Heart Journal</i> , 2012 , 164, 763-770.e3	4.9	77
233	Mechanisms of exercise intolerance in heart failure with preserved ejection fraction. <i>Circulation Journal</i> , 2014 , 78, 20-32	2.9	74
232	Heart Failure With Preserved Ejection Fraction Expert Panel Report: Current Controversies and Implications for Clinical Trials. <i>JACC: Heart Failure</i> , 2018 , 6, 619-632	7.9	72

231	Lung congestion in chronic heart failure: haemodynamic, clinical, and prognostic implications. <i>European Journal of Heart Failure</i> , 2015 , 17, 1161-71	12.3	71
230	Myocardial Injury and Cardiac Reserve in Patients With Heart Failure and Preserved Ejection Fraction. <i>Journal of the American College of Cardiology</i> , 2018 , 72, 29-40	15.1	65
229	Impaired Pulmonary Diffusion in Heart Failure With Preserved Ejection Fraction. <i>JACC: Heart Failure</i> , 2016 , 4, 490-8	7.9	64
228	Enhanced pulmonary vasodilator reserve and abnormal right ventricular: pulmonary artery coupling in heart failure with preserved ejection fraction. <i>Circulation: Heart Failure</i> , 2015 , 8, 542-50	7.6	63
227	Long-term cardiovascular changes following creation of arteriovenous fistula in patients with end stage renal disease. <i>European Heart Journal</i> , 2017 , 38, 1913-1923	9.5	58
226	PVDOMICS: A Multi-Center Study to Improve Understanding of Pulmonary Vascular Disease Through Phenomics. <i>Circulation Research</i> , 2017 , 121, 1136-1139	15.7	58
225	Atrial Dysfunction in Patients With Heart Failure With Preserved Ejection Fraction and Atrial Fibrillation. <i>Journal of the American College of Cardiology</i> , 2020 , 76, 1051-1064	15.1	58
224	Sildenafil and diastolic dysfunction after acute myocardial infarction in patients with preserved ejection fraction: the Sildenafil and Diastolic Dysfunction After Acute Myocardial Infarction (SIDAMI) trial. <i>Circulation</i> , 2013 , 127, 1200-8	16.7	56
223	Diastolic Dysfunction and Heart Failure With Preserved Ejection Fraction: Understanding Mechanisms by Using Noninvasive Methods. <i>JACC: Cardiovascular Imaging</i> , 2020 , 13, 245-257	8.4	56
222	Percutaneous Pericardial Resection: A Novel Potential Treatment for Heart Failure With Preserved Ejection Fraction. <i>Circulation: Heart Failure</i> , 2017 , 10, e003612	7.6	55
221	Invasive hemodynamic assessment in heart failure. <i>Heart Failure Clinics</i> , 2009 , 5, 217-28	3.3	54
220	Hemodynamics of Fontan Failure: The Role of Pulmonary Vascular Disease. <i>Circulation: Heart Failure</i> , 2017 , 10,	7.6	53
219	Impaired Right Ventricular-Pulmonary Arterial Coupling and Effect of Sildenafil in Heart Failure With Preserved Ejection Fraction: An Ancillary Analysis From the Phosphodiesterase-5 Inhibition to Improve Clinical Status And Exercise Capacity in Diastolic Heart Failure (RELAX) Trial. <i>Circulation: Heart Failure</i> , 2016 , 9, e002729	7.6	53
218	The Role of the Pericardium in Heart Failure: Implications for Pathophysiology and Treatment. <i>JACC: Heart Failure</i> , 2019 , 7, 574-585	7.9	52
217	Pulmonary Effective Arterial Elastance as a Measure of Right Ventricular Afterload and Its Prognostic Value in Pulmonary Hypertension Due to Left Heart Disease. <i>Circulation: Heart Failure</i> , 2018 , 11, e004436	7.6	51
216	Impact of general and central adiposity on ventricular-arterial aging in women and men. <i>JACC: Heart Failure</i> , 2014 , 2, 489-99	7.9	50
215	Effects of sildenafil on ventricular and vascular function in heart failure with preserved ejection fraction. <i>Circulation: Heart Failure</i> , 2015 , 8, 533-41	7.6	49
214	Quality of life in heart failure with preserved ejection fraction: importance of obesity, functional capacity, and physical inactivity. <i>European Journal of Heart Failure</i> , 2020 , 22, 1009-1018	12.3	48

213	The hemodynamic basis of exercise intolerance in tricuspid regurgitation. <i>Circulation: Heart Failure</i> , 2014 , 7, 911-7	7.6	46
212	Functional mitral regurgitation and left atrial myopathy in heart failure with preserved ejection fraction. <i>European Journal of Heart Failure</i> , 2020 , 22, 489-498	12.3	46
211	Effects of healthy aging on the cardiopulmonary hemodynamic response to exercise. <i>American Journal of Cardiology</i> , 2014 , 114, 131-5	3	45
210	Suppression of Tumorigenicity 2 in Heart Failure With Preserved Ejection Fraction. <i>Journal of the American Heart Association</i> , 2017 , 6,	6	44
209	Functional impact of rate irregularity in patients with heart failure and atrial fibrillation receiving cardiac resynchronization therapy. <i>European Heart Journal</i> , 2005 , 26, 705-11	9.5	43
208	Is it time to recognize a new phenotype? Heart failure with preserved ejection fraction with pulmonary vascular disease. <i>European Heart Journal</i> , 2017 , 38, 2874-2878	9.5	42
207	Endothelium-dependent and independent coronary microvascular dysfunction in patients with heart failure with preserved ejection fraction. <i>European Journal of Heart Failure</i> , 2020 , 22, 432-441	12.3	41
206	Characterization of the inflammatory-metabolic phenotype of heart failure with a preserved ejection fraction: a hypothesis to explain influence of sex on the evolution and potential treatment of the disease. <i>European Journal of Heart Failure</i> , 2020 , 22, 1551-1567	12.3	41
205	Hemodynamic and Functional Impact of Epicardial Adipose Tissue in Heart Failure With Preserved Ejection Fraction. <i>JACC: Heart Failure</i> , 2020 , 8, 657-666	7.9	40
204	High Prevalence of Occult Heart Failure With Preserved Ejection Fraction Among Patients With Atrial Fibrillation and Dyspnea. <i>Circulation</i> , 2018 , 137, 534-535	16.7	40
203	Exercise hemodynamics in patients with and without diastolic dysfunction and preserved ejection fraction after myocardial infarction. <i>Circulation: Heart Failure</i> , 2012 , 5, 444-51	7.6	40
202	Effects of Interatrial Shunt on Pulmonary Vascular Function in Heart Failure With Preserved Ejection Fraction. <i>Journal of the American College of Cardiology</i> , 2019 , 74, 2539-2550	15.1	40
201	Galectin-3 in heart failure with preserved ejection fraction. A RELAX trial substudy (Phosphodiesterase-5 Inhibition to Improve Clinical Status and Exercise Capacity in Diastolic Heart Failure). <i>JACC: Heart Failure</i> , 2015 , 3, 245-52	7.9	39
200	INDIE-HFpEF (Inorganic Nitrite Delivery to Improve Exercise Capacity in Heart Failure With Preserved Ejection Fraction): Rationale and Design. <i>Circulation: Heart Failure</i> , 2017 , 10,	7.6	37
199	Differential Response to Low-Dose Dopamine or Low-Dose Nesiritide in Acute Heart Failure With Reduced or Preserved Ejection Fraction: Results From the ROSE AHF Trial (Renal Optimization Strategies Evaluation in Acute Heart Failure). <i>Circulation: Heart Failure</i> , 2016 , 9,	7.6	36
198	Hemodynamic Effects of Weight Loss in Obesity: A Systematic Review and Meta-Analysis. <i>JACC: Heart Failure</i> , 2019 , 7, 678-687	7.9	36
197	Effect of antihypertensive therapy on ventricular-arterial mechanics, coupling, and efficiency. <i>European Heart Journal</i> , 2013 , 34, 676-83	9.5	36
196	The β -Adrenergic Agonist Albuterol Improves Pulmonary Vascular Reserve in Heart Failure With Preserved Ejection Fraction. <i>Circulation Research</i> , 2019 , 124, 306-314	15.7	36

195	Right Heart Dysfunction in Heart Failure With Preserved Ejection Fraction: The Impact of Atrial Fibrillation. <i>Journal of Cardiac Failure</i> , 2018 , 24, 177-185	3.3	36
194	Characterization of the Obese Phenotype of Heart Failure With Preserved Ejection Fraction: A RELAX Trial Ancillary Study. <i>Mayo Clinic Proceedings</i> , 2019 , 94, 1199-1209	6.4	35
193	Left ventricular dysfunction with pulmonary hypertension: Part 1: epidemiology, pathophysiology, and definitions. <i>Circulation: Heart Failure</i> , 2013 , 6, 344-54	7.6	35
192	Bedside assessment of cardiac hemodynamics: the impact of noninvasive testing and examiner experience. <i>American Journal of Medicine</i> , 2011 , 124, 1051-7	2.4	35
191	Altered Hemodynamics and End-Organ Damage in Heart Failure: Impact on the Lung and Kidney. <i>Circulation</i> , 2020 , 142, 998-1012	16.7	35
190	Physiological dead space and arterial carbon dioxide contributions to exercise ventilatory inefficiency in patients with reduced or preserved ejection fraction heart failure. <i>European Journal of Heart Failure</i> , 2017 , 19, 1675-1685	12.3	34
189	Invasive hemodynamic assessment in heart failure. <i>Cardiology Clinics</i> , 2011 , 29, 269-80	2.5	34
188	Diabesity: the combined burden of obesity and diabetes on heart disease and the role of imaging. <i>Nature Reviews Cardiology</i> , 2021 , 18, 291-304	14.8	33
187	Evaluation for Heart Transplantation and LVAD Implantation: JACC Council Perspectives. <i>Journal of the American College of Cardiology</i> , 2020 , 75, 1471-1487	15.1	32
186	Invasive hemodynamic characterization of heart failure with preserved ejection fraction. <i>Heart Failure Clinics</i> , 2014 , 10, 435-44	3.3	32
185	Resting heart rate and heart rate reserve in advanced heart failure have distinct pathophysiologic correlates and prognostic impact: a prospective pilot study. <i>JACC: Heart Failure</i> , 2013 , 1, 259-66	7.9	32
184	A randomized pilot study of aortic waveform guided therapy in chronic heart failure. <i>Journal of the American Heart Association</i> , 2014 , 3, e000745	6	32
183	Impaired myocardial oxygen availability contributes to abnormal exercise hemodynamics in heart failure with preserved ejection fraction. <i>Journal of the American Heart Association</i> , 2014 , 3, e001293	6	31
182	Caveat medicus! Pulmonary hypertension in the elderly: a word of caution. <i>European Journal of Heart Failure</i> , 2010 , 12, 89-93	12.3	30
181	Nitrate's effect on activity tolerance in heart failure with preserved ejection fraction trial: rationale and design. <i>Circulation: Heart Failure</i> , 2015 , 8, 221-8	7.6	29
180	The SGLT2 inhibitor dapagliflozin in heart failure with preserved ejection fraction: a multicenter randomized trial. <i>Nature Medicine</i> , 2021 , 27, 1954-1960	50.5	29
179	Resting ventricular-vascular function and exercise capacity in heart failure with preserved ejection fraction: a RELAX trial ancillary study. <i>Circulation: Heart Failure</i> , 2014 , 7, 580-9	7.6	28
178	Hemodynamic Response to Nitroprusside in Patients With Low-Gradient Severe Aortic Stenosis and Preserved Ejection Fraction. <i>Journal of the American College of Cardiology</i> , 2017 , 70, 1339-1348	15.1	28

177	Skeletal Muscle Abnormalities and Iron Deficiency in Chronic Heart Failure. <i>Circulation: Heart Failure</i> , 2018 , 11, e004800	7.6	28
176	Heart failure with preserved ejection fraction: current understandings and challenges. <i>Current Cardiology Reports</i> , 2014 , 16, 501	4.2	27
175	Resting and exercise haemodynamics in relation to six-minute walk test in patients with heart failure and preserved ejection fraction. <i>European Journal of Heart Failure</i> , 2018 , 20, 715-722	12.3	26
174	The neurohormonal basis of pulmonary hypertension in heart failure with preserved ejection fraction. <i>European Heart Journal</i> , 2019 , 40, 3707-3717	9.5	26
173	Heart failure with preserved ejection fraction: pathophysiology and emerging therapies. <i>Cardiovascular Therapeutics</i> , 2011 , 29, e6-21	3.3	26
172	Pathophysiologic importance of visceral adipose tissue in women with heart failure and preserved ejection fraction. <i>European Heart Journal</i> , 2021 , 42, 1595-1605	9.5	25
171	Race-Related Differences in Left Ventricular Structural and Functional Remodeling in Response to Increased Afterload: The ARIC Study. <i>JACC: Heart Failure</i> , 2017 , 5, 157-165	7.9	24
170	Size, shape, and stamina: the impact of left ventricular geometry on exercise capacity. <i>Hypertension</i> , 2010 , 55, 1143-9	8.5	24
169	The effect of loading alterations on left ventricular torsion: a simultaneous catheterization and two-dimensional speckle tracking echocardiographic study. <i>European Journal of Echocardiography</i> , 2010 , 11, 770-7		24
168	Pericardiotomy Enhances Left Ventricular Diastolic Reserve With Volume Loading in Humans. <i>Circulation</i> , 2018 , 138, 2295-2297	16.7	24
167	Application of Diagnostic Algorithms for Heart Failure With Preserved Ejection Fraction to the Community. <i>JACC: Heart Failure</i> , 2020 , 8, 640-653	7.9	23
166	Relative Impairments in Hemodynamic Exercise Reserve Parameters in Heart Failure With Preserved Ejection Fraction: A Study-Level Pooled Analysis. <i>JACC: Heart Failure</i> , 2018 , 6, 117-126	7.9	23
165	Use of metformin in diseases of aging. <i>Current Diabetes Reports</i> , 2014 , 14, 490	5.6	23
164	Impact of epicardial adipose tissue on cardiovascular haemodynamics, metabolic profile, and prognosis in heart failure. <i>European Journal of Heart Failure</i> , 2021 , 23, 1858-1871	12.3	23
163	Central and Peripheral Determinants of Exercise Capacity in Heart Failure Patients With Preserved Ejection Fraction. <i>JACC: Heart Failure</i> , 2019 , 7, 321-332	7.9	22
162	Heart failure with preserved ejection fraction diagnosis and treatment: An updated review of the evidence. <i>Progress in Cardiovascular Diseases</i> , 2020 , 63, 570-584	8.5	22
161	Adiposity, body composition and ventricular-arterial stiffness in the elderly: the Atherosclerosis Risk in Communities Study. <i>European Journal of Heart Failure</i> , 2018 , 20, 1191-1201	12.3	22
160	Left ventricular dysfunction with pulmonary hypertension: part 2: prognosis, noninvasive evaluation, treatment, and future research. <i>Circulation: Heart Failure</i> , 2013 , 6, 584-93	7.6	22

159	Invasive measures of afterload in low gradient severe aortic stenosis with preserved ejection fraction. <i>Circulation: Heart Failure</i> , 2013 , 6, 703-10	7.6	22
158	Coronary microvascular dysfunction is associated with exertional haemodynamic abnormalities in patients with heart failure with preserved ejection fraction. <i>European Journal of Heart Failure</i> , 2021 , 23, 765-772	12.3	22
157	Haemodynamic profiles in adult Fontan patients: associated haemodynamics and prognosis. <i>European Journal of Heart Failure</i> , 2019 , 21, 803-809	12.3	21
156	Effects of Cardiac Resynchronization Therapy on Cardiac Remodeling and Contractile Function: Results From Resynchronization Reverses Remodeling in Systolic Left Ventricular Dysfunction (REVERSE). <i>Journal of the American Heart Association</i> , 2015 , 4, e002054	6	21
155	Effect of Empagliflozin on Hemodynamics in Patients With Heart Failure and Reduced Ejection Fraction. <i>Journal of the American College of Cardiology</i> , 2020 , 76, 2740-2751	15.1	21
154	Targeting pulmonary capillary permeability to reduce lung congestion in heart failure: a randomized, controlled pilot trial. <i>European Journal of Heart Failure</i> , 2020 , 22, 1641-1645	12.3	18
153	Cardiac Reserve and Exercise Capacity: Insights from Combined Cardiopulmonary and Exercise Echocardiography Stress Testing. <i>Journal of the American Society of Echocardiography</i> , 2021 , 34, 38-50	5.8	18
152	Risk stratification and clinical outcomes after surgical pulmonary valve replacement. <i>American Heart Journal</i> , 2018 , 206, 105-112	4.9	18
151	Impact of Baseline Hemodynamics on the Effects of a Transcatheter Interatrial Shunt Device in Heart Failure With Preserved Ejection Fraction. <i>Circulation: Heart Failure</i> , 2018 , 11, e004540	7.6	18
150	Impact of chronic changes in arterial compliance and resistance on left ventricular ageing in humans. <i>European Journal of Heart Failure</i> , 2015 , 17, 27-34	12.3	17
149	Exercise Intolerance in Older Adults With Heart Failure With Preserved Ejection Fraction: JACC State-of-the-Art Review. <i>Journal of the American College of Cardiology</i> , 2021 , 78, 1166-1187	15.1	17
148	Aortic Waveform Analysis to Individualize Treatment in Heart Failure. <i>Circulation: Heart Failure</i> , 2017 , 10,	7.6	16
147	Liraglutide and weight loss among patients with advanced heart failure and a reduced ejection fraction: insights from the FIGHT trial. <i>ESC Heart Failure</i> , 2018 , 5, 1035-1043	3.7	16
146	Effect of Transcatheter Aortic Valve Replacement on Right Ventricular-Pulmonary Artery Coupling. <i>JACC: Cardiovascular Interventions</i> , 2019 , 12, 2145-2154	5	16
145	Levosimendan Improves Hemodynamics and Exercise Tolerance in PH-HFpEF: Results of the Randomized Placebo-Controlled HELP Trial. <i>JACC: Heart Failure</i> , 2021 , 9, 360-370	7.9	16
144	Venous congestion and pulmonary vascular function in Fontan circulation: Implications for prognosis and treatment. <i>International Journal of Cardiology</i> , 2018 , 271, 312-316	3.2	16
143	The Role of Echocardiography in Heart Failure with Preserved Ejection Fraction: What Do We Want from Imaging?. <i>Heart Failure Clinics</i> , 2019 , 15, 241-256	3.3	15
142	Low-Gradient Severe Mitral Stenosis: Hemodynamic Profiles, Clinical Characteristics, and Outcomes. <i>Journal of the American Heart Association</i> , 2019 , 8, e010736	6	15

141	Predicting the transition to and progression of heart failure with preserved ejection fraction: a weighted risk score using bio-humoral, cardiopulmonary, and echocardiographic stress testing. <i>European Journal of Preventive Cardiology</i> , 2020 ,	3.9	15
140	Noninvasive evaluation of pulmonary artery pressure during exercise: the importance of right atrial hypertension. <i>European Respiratory Journal</i> , 2020 , 55,	13.6	14
139	Hemodynamic Characteristics in Significant Symptomatic and Asymptomatic Primary Mitral Valve Regurgitation at Rest and During Exercise. <i>Circulation: Cardiovascular Imaging</i> , 2018 , 11, e007171	3.9	14
138	Discerning pulmonary venous from pulmonary arterial hypertension without the help of a catheter. <i>Circulation: Heart Failure</i> , 2011 , 4, 235-7	7.6	14
137	Letter by Forfia and Borlaug regarding article, "Pulmonary hypertension in heart failure with preserved ejection fraction: a target of phosphodiesterase-5 inhibition in a 1-year study". <i>Circulation</i> , 2012 , 125, e408; author reply e409-10	16.7	14
136	Obese-Inflammatory Phenotypes in Heart Failure With Preserved Ejection Fraction. <i>Circulation: Heart Failure</i> , 2020 , 13, e006414	7.6	14
135	Adverse Renal Response to Decongestion in the Obese Phenotype of Heart Failure With Preserved Ejection Fraction. <i>Journal of Cardiac Failure</i> , 2020 , 26, 101-107	3.3	14
134	Myocardial ketone body utilization in patients with heart failure: The impact of oral ketone ester. <i>Metabolism: Clinical and Experimental</i> , 2021 , 115, 154452	12.7	14
133	Performance and Interpretation of Invasive Hemodynamic Exercise Testing. <i>Chest</i> , 2020 , 158, 2119-2129	5.3	13
132	Interatrial pressure gradients during simulated obstructive sleep apnea: a catheter-based study. <i>Catheterization and Cardiovascular Interventions</i> , 2014 , 84, 1138-45	2.7	13
131	Hemodynamic and Clinical Implications of Impaired Pulmonary Vascular Reserve in the Fontan Circulation. <i>Journal of the American College of Cardiology</i> , 2020 , 76, 2755-2763	15.1	13
130	Impact of Obesity on Volume Status in Patients With Ambulatory Chronic Heart Failure. <i>Journal of Cardiac Failure</i> , 2020 , 26, 112-117	3.3	13
129	High-Sensitivity Troponin I in Hospitalized and Ambulatory Patients With Heart Failure With Preserved Ejection Fraction: Insights From the Heart Failure Clinical Research Network. <i>Journal of the American Heart Association</i> , 2018 , 7, e010364	6	13
128	Atrial Septostomy to Treat Stiff Left Atrium Syndrome. <i>Circulation: Heart Failure</i> , 2017 , 10,	7.6	12
127	Relationships between biomarkers and left ventricular filling pressures at rest and during exercise in patients after myocardial infarction. <i>Journal of Cardiac Failure</i> , 2014 , 20, 959-67	3.3	12
126	Atrial shunt device for heart failure with preserved and mildly reduced ejection fraction (REDUCE LAP-HF II): a randomised, multicentre, blinded, sham-controlled trial. <i>Lancet, The</i> , 2022 ,	40	12
125	Locomotor muscle group III/IV afferents constrain stroke volume and contribute to exercise intolerance in human heart failure. <i>Journal of Physiology</i> , 2020 , 598, 5379-5390	3.9	12
124	Obesity, venous capacitance, and venous compliance in heart failure with preserved ejection fraction. <i>European Journal of Heart Failure</i> , 2021 , 23, 1648-1658	12.3	12

123	Cardiac remodeling after reduction of high-flow arteriovenous fistulas in end-stage renal disease. <i>Hypertension Research</i> , 2016 , 39, 654-9	4.7	12
122	Comparisons of Noninvasive Methods Used to Assess Exercise Stroke Volume in Heart Failure with Preserved Ejection Fraction. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 1758-1768	1.2	11
121	Myocardial Energetics in Heart Failure With Preserved Ejection Fraction. <i>Circulation: Heart Failure</i> , 2019 , 12, e006240	7.6	11
120	Mechanism and Risk Factors for Death in Adults With Tetralogy of Fallot. <i>American Journal of Cardiology</i> , 2019 , 124, 803-807	3	10
119	Doppler-Derived Arterial Load Indices Better Reflect Left Ventricular Afterload Than Systolic Blood Pressure in Coarctation of Aorta. <i>Circulation: Cardiovascular Imaging</i> , 2020 , 13, e009672	3.9	10
118	Assessment of Predictors of Left Atrial Volume Response to a Transcatheter InterAtrial Shunt Device (from the REDUCE LAP-HF Trial). <i>American Journal of Cardiology</i> , 2019 , 124, 1912-1917	3	10
117	Associations of Alterations in Pulsatile Arterial Load With Left Ventricular Longitudinal Strain. <i>American Journal of Hypertension</i> , 2015 , 28, 1325-31	2.3	10
116	Splanchnic Nerve Block Mediated Changes in Stressed Blood Volume in Heart Failure. <i>JACC: Heart Failure</i> , 2021 , 9, 293-300	7.9	10
115	Prevalence of Transthyretin Amyloid Cardiomyopathy in Heart Failure With Preserved Ejection Fraction. <i>JAMA Cardiology</i> , 2021 , 6, 1267-1274	16.2	10
114	Assessment of Right Ventricular-Pulmonary Arterial Coupling in Chronic Pulmonary Regurgitation. <i>Canadian Journal of Cardiology</i> , 2019 , 35, 914-922	3.8	9
113	Pathophysiologic and Prognostic Implications of Right Atrial Hypertension in Adults With Tetralogy of Fallot. <i>Journal of the American Heart Association</i> , 2019 , 8, e014148	6	9
112	Heart failure with preserved ejection fraction in patients with normal natriuretic peptide levels is associated with increased morbidity and mortality.. <i>European Heart Journal</i> , 2022 ,	9.5	9
111	Impact of Interatrial Shunts on Invasive Hemodynamics and Exercise Tolerance in Patients With Heart Failure. <i>Journal of the American Heart Association</i> , 2020 , 9, e016760	6	9
110	Exercise ventilatory inefficiency in heart failure and chronic obstructive pulmonary disease. <i>International Journal of Cardiology</i> , 2019 , 274, 232-236	3.2	9
109	Diastology for the clinician. <i>Journal of Cardiology</i> , 2019 , 73, 445-452	3	8
108	Hemodynamic Response in Low-Flow Low-Gradient Aortic Stenosis With Preserved Ejection Fraction After TAVR. <i>Journal of the American College of Cardiology</i> , 2019 , 73, 1731-1732	15.1	8
107	Splanchnic nerve modulation in heart failure: mechanistic overview, initial clinical experience, and safety considerations. <i>European Journal of Heart Failure</i> , 2021 , 23, 1076-1084	12.3	8
106	Executive Summary of the SCAI/HFSA Clinical Expert Consensus Document on the Use of Invasive Hemodynamics for the Diagnosis and Management of Cardiovascular Disease. <i>Journal of Cardiac Failure</i> , 2017 , 23, 487-491	3.3	7

105	Right ventricular and pulmonary vascular function indices for risk stratification of patients with pulmonary regurgitation. <i>Congenital Heart Disease</i> , 2019 , 14, 657-664	3.1	7
104	Glucose Homeostasis, Pancreatic Endocrine Function, and Outcomes in Advanced Heart Failure. <i>Journal of the American Heart Association</i> , 2017 , 6,	6	7
103	Treatment of heart failure with preserved ejection fraction. <i>Current Treatment Options in Cardiovascular Medicine</i> , 2009 , 11, 79-87	2.1	7
102	The reservoir-wave approach to characterize pulmonary vascular-right ventricular interactions in humans. <i>Journal of Applied Physiology</i> , 2016 , 121, 1348-1353	3.7	7
101	Novel approaches to the management of chronic systolic heart failure: future directions and unanswered questions. <i>European Heart Journal</i> , 2020 , 41, 1764-1774	9.5	7
100	Pressure-dependent NOS activation contributes to endothelial hyperpermeability in a model of acute heart failure. <i>Bioscience Reports</i> , 2018 , 38,	4.1	7
99	Latent Pulmonary Vascular Disease May Alter the Response to Therapeutic Atrial Shunt Device in Heart Failure.. <i>Circulation</i> , 2022 ,	16.7	7
98	Effects of Liraglutide on Worsening Renal Function Among Patients With Heart Failure With Reduced Ejection Fraction: Insights From the FIGHT Trial. <i>Circulation: Heart Failure</i> , 2020 , 13, e006758	7.6	6
97	Comprehensive Diagnostic Evaluation of Cardiovascular Physiology in Patients With Pulmonary Vascular Disease: Insights From the PVDOMICS Program. <i>Circulation: Heart Failure</i> , 2020 , 13, e006363	7.6	6
96	Skeletal Muscle Compensation for Cardiac Muscle Insufficiency in Heart Failure and Reduced Ejection Fraction. <i>Circulation: Heart Failure</i> , 2018 , 11, e004714	7.6	6
95	A Fluid Challenge Test for the Diagnosis of Occult Heart Failure. <i>Chest</i> , 2021 , 159, 791-797	5.3	6
94	Contributions of cardiac dysfunction and volume status to central haemodynamics in chronic heart failure. <i>European Journal of Heart Failure</i> , 2021 , 23, 1097-1105	12.3	6
93	Hemodynamics for the Heart Failure Clinician: A State-of-the-Art Review. <i>Journal of Cardiac Failure</i> , 2021 ,	3.3	6
92	Heart Failure with Preserved Ejection Fraction: Mechanisms and Treatment Strategies. <i>Annual Review of Medicine</i> , 2021 ,	17.4	6
91	Changes in Stressed Blood Volume with Levosimendan in Pulmonary Hypertension From Heart Failure with Preserved Ejection Fraction: Insights Regarding Mechanism of Action From the HELP Trial. <i>Journal of Cardiac Failure</i> , 2021 , 27, 1023-1026	3.3	6
90	Low-Flow, Low-Gradient Severe Aortic Stenosis in the Setting of Constrictive Pericarditis: Clinical Characteristics, Echocardiographic Features, and Outcomes. <i>Circulation: Cardiovascular Imaging</i> , 2015 , 8, e002812	3.9	5
89	Beating Heart Validation of Safety and Efficacy of a Percutaneous Pericardiectomy Tool. <i>Journal of Cardiovascular Electrophysiology</i> , 2017 , 28, 357-361	2.7	5
88	Diagnostic scores predict morbidity and mortality in patients hospitalized for heart failure with preserved ejection fraction. <i>European Journal of Heart Failure</i> , 2021 , 23, 954-963	12.3	5

87	Pulmonary Hypertension in Left Heart Disease. <i>Clinics in Chest Medicine</i> , 2021 , 42, 39-58	5.3	5
86	Acute Unloading Effects of Sildenafil Enhance Right Ventricular-Pulmonary Artery Coupling in Heart Failure. <i>Journal of Cardiac Failure</i> , 2021 , 27, 224-232	3.3	5
85	Peripheral and pulmonary effects of inorganic nitrite during exercise in heart failure with preserved ejection fraction. <i>European Journal of Heart Failure</i> , 2021 , 23, 814-823	12.3	5
84	Invasive and noninvasive hemodynamic assessment in adults with Fontan palliation. <i>International Journal of Cardiology</i> , 2018 , 254, 96-100	3.2	5
83	Left Atrial Contracture or Failure to Dilate. <i>Circulation: Heart Failure</i> , 2018 , 11, e005163	7.6	5
82	Assessment and Implications of Right Ventricular Afterload in Tetralogy of Fallot. <i>American Journal of Cardiology</i> , 2019 , 124, 1780-1784	3	4
81	Echocardiographic predictors of severe right ventricular diastolic dysfunction in tetralogy of Fallot: Relations to patient outcomes. <i>International Journal of Cardiology</i> , 2020 , 306, 49-55	3.2	4
80	Prognostic implications of inferior vena cava haemodynamics in ambulatory patients with tetralogy of Fallot. <i>ESC Heart Failure</i> , 2020 , 7, 2589-2596	3.7	4
79	Renal Dysfunction in Heart Failure With Preserved Ejection Fraction: Insights From the RELAX Trial. <i>Journal of Cardiac Failure</i> , 2020 , 26, 233-242	3.3	4
78	Right Atrial/Pulmonary Arterial Wedge Pressure Ratio in Primary and Mixed Constrictive Pericarditis. <i>Journal of the American College of Cardiology</i> , 2019 , 73, 3312-3321	15.1	4
77	Right Ventricular Pulmonary Artery Coupling and Mortality in Cardiac Intensive Care Unit Patients. <i>Journal of the American Heart Association</i> , 2021 , 10, e019015	6	4
76	Elevated ventricular filling pressures and long-term survival in adults post-Fontan. <i>Catheterization and Cardiovascular Interventions</i> , 2020 , 95, 803-809	2.7	4
75	Hemodynamic Assessment of Patients With and Without Heart Failure Symptoms Supported by a Continuous-Flow Left Ventricular Assist Device. <i>Mayo Clinic Proceedings</i> , 2018 , 93, 895-903	6.4	4
74	Executive summary of the SCAI/HFSA clinical expert consensus document on the use of invasive hemodynamics for the diagnosis and management of cardiovascular disease. <i>Catheterization and Cardiovascular Interventions</i> , 2017 , 89, 1294-1299	2.7	3
73	Noninvasive Echocardiographic Left Ventricular Stroke Work Index Predicts Mortality in Cardiac Intensive Care Unit Patients. <i>Circulation: Cardiovascular Imaging</i> , 2020 , 13, e011642	3.9	3
72	Response by Obokata and Borlaug to Letters Regarding Article, "Evidence Supporting the Existence of a Distinct Obese Phenotype of Heart Failure With Preserved Ejection Fraction". <i>Circulation</i> , 2018 , 137, 416-417	16.7	3
71	Redistribution of cardiac output during exercise by functional mitral regurgitation in heart failure: compensatory O peripheral uptake to delivery failure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020 , 319, H100-H108	5.2	3
70	Effect of Empagliflozin on Blood Volume Redistribution in Patients With Chronic Heart Failure and Reduced Ejection Fraction: An Analysis from the Empire HF Randomized Clinical Trial. <i>Circulation: Heart Failure</i> , 2021 ,	7.6	3

69	Hemodynamic assessment in heart failure. <i>Catheterization and Cardiovascular Interventions</i> , 2020 , 95, 420-428	2.7	3
68	Determinants and consequences of heart rate and stroke volume response to exercise in patients with heart failure and preserved ejection fraction. <i>European Journal of Heart Failure</i> , 2021 , 23, 754-764	12.3	3
67	Exercise Ventilatory Efficiency in Older and Younger Heart Failure Patients With Preserved Ejection Fraction. <i>Journal of Cardiac Failure</i> , 2019 , 25, 278-285	3.3	3
66	Cardiac MRI demonstrates compressibility in healthy myocardium but not in myocardium with reduced ejection fraction. <i>International Journal of Cardiology</i> , 2021 , 322, 278-283	3.2	3
65	Response to Letter Regarding Article, Effects of Sildenafil on Ventricular and Vascular Function in Heart Failure With Preserved Ejection Fraction. <i>Circulation: Heart Failure</i> , 2015 , 8, 840	7.6	2
64	Response by Pfeffer et al to Letter Regarding Article, "Heart Failure With Preserved Ejection Fraction in Perspective". <i>Circulation Research</i> , 2019 , 125, e26	15.7	2
63	MY APPROACH to heart failure with preserved ejection fraction. <i>Trends in Cardiovascular Medicine</i> , 2014 , 24, 369-70	6.9	2
62	Severe heart failure in the setting of relatively mild mitral stenosis: the role of invasive hemodynamic assessment. <i>Catheterization and Cardiovascular Interventions</i> , 2008 , 72, 739-48	2.7	2
61	Response by Obokata and Borlaug to Letter Regarding Article, "Role of Diastolic Stress Testing in the Evaluation for Heart Failure With Preserved Ejection Fraction: A Simultaneous Invasive-Echocardiographic Study". <i>Circulation</i> , 2017 , 136, 430-431	16.7	2
60	Changes in inferior vena cava area represent a more sensitive metric than change in filling pressures during experimental manipulation of intravascular volume and tone. <i>European Journal of Heart Failure</i> , 2021 ,	12.3	2
59	Uncoupling between intravascular and distending pressures leads to underestimation of circulatory congestion in obesity. <i>European Journal of Heart Failure</i> , 2021 ,	12.3	2
58	Noninvasive Echocardiographic Cardiac Power Output Predicts Mortality in Cardiac Intensive Care Unit Patients.. <i>American Heart Journal</i> , 2021 , 245, 149-149	4.9	2
57	Left Atrial Myopathy in Heart Failure With Preserved Ejection Fraction. <i>Circulation Journal</i> , 2021 ,	2.9	2
56	Abstract 1756: Determination of the Mechanism of Elevated Left Ventricular Filling Pressures with Exercise: A Simultaneous Echocardiographic-Catheterization Study. <i>Circulation</i> , 2007 , 116,	16.7	2
55	Abstract 5882: Myocardial Contractile Dysfunction in Heart Failure with Preserved Ejection Fraction. <i>Circulation</i> , 2008 , 118,	16.7	2
54	Peripheral endothelial dysfunction is a novel risk factor for systolic dysfunction and heart failure progression. <i>IJC Heart and Vasculature</i> , 2020 , 30, 100584	2.4	2
53	Effects of exercise on thoracic blood volumes, lung fluid accumulation, and pulmonary diffusing capacity in heart failure with preserved ejection fraction. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2020 , 319, R602-R609	3.2	2
52	Cardiopulmonary Exercise Testing with Echocardiography to Identify Mechanisms of Unexplained Dyspnea. <i>Journal of Cardiovascular Translational Research</i> , 2021 , 1	3.3	2

51	Growth differentiation factor-15, treatment with liraglutide, and clinical outcomes among patients with heart failure. <i>ESC Heart Failure</i> , 2021 , 8, 2608-2616	3.7	2
50	Clinical Phenogroups in Heart Failure with Preserved Ejection Fraction. <i>Heart Failure Clinics</i> , 2021 , 17, 483-498	3.3	2
49	Implications of peripheral oedema in heart failure with preserved ejection fraction: a heart failure network analysis. <i>ESC Heart Failure</i> , 2021 , 8, 662-669	3.7	2
48	Pulmonary Pressure Assessment with the Total Artificial Heart. <i>ASAIO Journal</i> , 2018 , 64, e34-e36	3.6	2
47	Cardiac remodelling and haemodynamic characteristics in primary mitral valve regurgitation. <i>Open Heart</i> , 2018 , 5, e000919	3	2
46	Myocardial contraction fraction by echocardiography and mortality in cardiac intensive care unit patients. <i>International Journal of Cardiology</i> , 2021 , 344, 230-239	3.2	2
45	Coarctation of aorta is associated with left ventricular stiffness, left atrial dysfunction and pulmonary hypertension. <i>American Heart Journal</i> , 2021 , 241, 50-58	4.9	2
44	Heart Failure with Preserved Ejection Fraction 2015 , 213-230		2
43	Venous Tone and Stressed Blood Volume in Heart Failure: JACC Review Topic of the Week.. <i>Journal of the American College of Cardiology</i> , 2022 , 79, 1858-1869	15.1	2
42	Response by Reddy and Borlaug to Letters Regarding Article, "A Simple, Evidence-Based Approach to Help Guide Diagnosis of Heart Failure With Preserved Ejection Fraction". <i>Circulation</i> , 2019 , 139, 992-993	16.7	1
41	High-Output Heart Failure in Sickle Cell Anemia. <i>JACC: Cardiovascular Imaging</i> , 2016 , 9, 1122-1123	8.4	1
40	The Authors Reply. <i>JACC: Cardiovascular Imaging</i> , 2019 , 12, 2098-2099	8.4	1
39	Acute effects of atrial fibrillation on atrial and ventricular function: a simultaneous invasive-echocardiographic hemodynamic study. <i>International Journal of Cardiology</i> , 2013 , 169, e114-9	3.2	1
38	Functional Tricuspid Regurgitation and Right Atrial Remodeling in Heart Failure With Preserved Ejection Fraction. <i>American Journal of Cardiology</i> , 2021 ,	3	1
37	Characterization of the Progression From Ambulatory to Hospitalized Heart Failure With Preserved Ejection Fraction. <i>Journal of Cardiac Failure</i> , 2020 , 26, 919-928	3.3	1
36	Every Now and Then I Fall Apart: Total Eclipse of the Mitral Valve. <i>Circulation: Heart Failure</i> , 2020 , 13, e007145	7.6	1
35	Heightened Dependence of Left-Heart Filling Pressures on Right-Heart Failure in Congenital Heart Disease. <i>Canadian Journal of Cardiology</i> , 2021 , 37, 131-139	3.8	1
34	Nonobstructive Hypertrophic Cardiomyopathy in a Patient With Mitral Prosthesis. <i>Annals of Thoracic Surgery</i> , 2021 , 111, e429-e432	2.7	1

33	Systolic-to-diastolic myocardial volume ratio as a novel imaging marker of cardiomyopathy. <i>International Journal of Cardiology</i> , 2021 , 322, 272-277	3.2	1
32	Simultaneous Measurement of Lung Diffusing Capacity and Pulmonary Hemodynamics Reveals Exertional Alveolar-Capillary Dysfunction in Heart Failure With Preserved Ejection Fraction. <i>Journal of the American Heart Association</i> , 2021 , 10, e019950	6	1
31	Hemodynamic Determinants of Activity Measured by Accelerometer in Patients With Stable Heart Failure. <i>JACC: Heart Failure</i> , 2021 , 9, 824-835	7.9	1
30	Heart failure with normal natriuretic peptide levels: more fat, and that is the main problem.. <i>European Heart Journal</i> , 2022 ,	9.5	1
29	The heavy heart of HFpEF. <i>European Heart Journal</i> , 2020 , 41, 3447	9.5	0
28	Identification of patients with preclinical heart failure with preserved ejection fraction using the H2FPEF score 2022 , 1, 59-66		0
27	Detection of Left Atrial Myopathy Using Artificial Intelligence-Enabled Electrocardiography.. <i>Circulation: Heart Failure</i> , 2021 , CIRCHEARTFAILURE120008176	7.6	0
26	Pulmonary Vascular Pressures and Gas Exchange Response to Exercise in Heart Failure With Preserved Ejection Fraction. <i>Journal of Cardiac Failure</i> , 2020 , 26, 1011-1015	3.3	0
25	Application of Guideline-Based Echocardiographic Assessment of Left Atrial Pressure to Heart Failure with Preserved Ejection Fraction. <i>Journal of the American Society of Echocardiography</i> , 2021 , 34, 455-464	5.8	0
24	Salutary Acute Effects of Exercise on Central Hemodynamics in Heart Failure With Preserved Ejection Fraction. <i>Journal of Cardiac Failure</i> , 2021 , 27, 1313-1320	3.3	0
23	Things Are Not Always as They Seem: Multimodality Exercise Assessment in the Evaluation of Dyspnea. <i>Circulation</i> , 2021 , 143, 2502-2507	16.7	0
22	Biomarker and Invasive Hemodynamic Assessment of Cardiac Damage Class in Aortic Stenosis. <i>Structural Heart</i> , 2021 , 5, 208-217	0.6	0
21	Sustained Improvement in Diastolic Reserve Following Percutaneous Pericardiectomy in a Porcine Model of Heart Failure With Preserved Ejection Fraction. <i>Circulation: Heart Failure</i> , 2021 , 14, e007530	7.6	0
20	Unmasking Hydroxychloroquine Cardiotoxicity in a Patient With Heart Failure and Chronotropic Incompetence. <i>JACC: Case Reports</i> , 2021 , 3, 997-1001	1.2	0
19	The Value of Passive Leg Raise During Right Heart Catheterization in Diagnosing Heart Failure With Preserved Ejection Fraction.. <i>Circulation: Heart Failure</i> , 2022 , CIRCHEARTFAILURE121008935	7.6	0
18	Reply: High-Output Heart Failure: With or Without Obesity. <i>Journal of the American College of Cardiology</i> , 2017 , 69, 113-114	15.1	
17	Reply to 'Cardiac remodeling after reduction of high-flow arteriovenous fistulas in end-stage renal disease: methodological issues'. <i>Hypertension Research</i> , 2017 , 40, 411	4.7	
16	Reply: Heart Failure With Preserved Ejection Fraction: A Late Stage of Hypertensive Heart Disease. <i>Journal of the American College of Cardiology</i> , 2017 , 70, 2458-2459	15.1	

15	Response to letter regarding differential hemodynamic effects of exercise and volume expansion in people with and without heart failure. <i>Circulation: Heart Failure</i> , 2015 , 8, 411	7.6
14	Response to letters regarding article, "systemic hypertension in low-gradient severe aortic stenosis with preserved ejection fraction". <i>Circulation</i> , 2014 , 130, e6	16.7
13	New Insights into Heart Failure: From the Beginning to Now 2021 , 231-241	
12	Tools of the Trade: How Do You Perform and Interpret an Exercise Test?. <i>Advances in Pulmonary Hypertension</i> , 2019 , 18, 47-55	0.5
11	Research Techniques 2011 , 336-362	
10	Relationship between oxygen pulse and echocardiography in heart failure with preserved ejection fraction. <i>FASEB Journal</i> , 2013 , 27, 711.4	0.9
9	Reply: Epicardial Adipose Tissue in Heart Failure With Preserved Ejection Fraction: Matter of Preference or Evidence?. <i>JACC: Heart Failure</i> , 2020 , 8, 957	7.9
8	A Tough Time Running Around the Block. <i>Circulation: Heart Failure</i> , 2020 , 13, e007182	7.6
7	Reply: Abnormal Pulmonary Vascular Reserve in Fontan: Pulmonary Vascular Disease Versus Diastolic Dysfunction. <i>Journal of the American College of Cardiology</i> , 2021 , 77, 1596-1597	15.1
6	An under-recognized phenomenon: Myocardial volume change during the cardiac cycle. <i>Echocardiography</i> , 2021 , 38, 1235-1244	1.5
5	Reply: Nitrites/Nitrates in Heart Failure With Preserved Ejection Fraction. <i>Journal of the American College of Cardiology</i> , 2016 , 67, 1383-4	15.1
4	Letter by Reddy et al Regarding Article, "Effects of Arteriovenous Fistula Ligation on Cardiac Structure and Function in Kidney Transplant Recipients". <i>Circulation</i> , 2019 , 140, e804-e805	16.7
3	Ventricular-Arterial Interaction in Patients With Heart Failure and a Preserved Ejection Fraction 2021 , 71-85	
2	Invasive Hemodynamic Assessment in Heart Failure With Preserved Ejection Fraction 2021 , 93-105	
1	Invasive hemodynamic assessments during exercise: normal patterns and clinical value 2022 , 545-563	