

Barry A Borlaug

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.

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	Identification of patients with preclinical heart failure with preserved ejection fraction using the H2FPEF score 2022 , 1, 59-66		0
301	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
300	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
299	Latent Pulmonary Vascular Disease May Alter the Response to Therapeutic Atrial Shunt Device in Heart Failure.. <i>Circulation</i> , 2022 ,	16.7	7
298	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
297	Invasive hemodynamic assessments during exercise: normal patterns and clinical value 2022 , 545-563		
296	Heart failure with normal natriuretic peptide levels: more fat, and that is the main problem.. <i>European Heart Journal</i> , 2022 ,	9.5	1
295	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
294	Detection of Left Atrial Myopathy Using Artificial Intelligence-Enabled Electrocardiography.. <i>Circulation: Heart Failure</i> , 2021 , CIRCHEARTFAILURE120008176	7.6	0
293	New Insights into Heart Failure: From the Beginning to Now 2021 , 231-241		
292	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
291	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
290	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
289	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
288	Functional Tricuspid Regurgitation and Right Atrial Remodeling in Heart Failure With Preserved Ejection Fraction. <i>American Journal of Cardiology</i> , 2021 ,	3	1
287	Left Atrial Myopathy in Heart Failure With Preserved Ejection Fraction. <i>Circulation Journal</i> , 2021 ,	2.9	2
286	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

285	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
284	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	
283	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
282	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
281	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
280	Pulmonary Hypertension in Left Heart Disease. <i>Clinics in Chest Medicine</i> , 2021 , 42, 39-58	5.3	5
279	Splanchnic Nerve Block Mediated Changes in Stressed Blood Volume in Heart Failure. <i>JACC: Heart Failure</i> , 2021 , 9, 293-300	7.9	10
278	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
277	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
276	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
275	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
274	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
273	An under-recognized phenomenon: Myocardial volume change during the cardiac cycle. <i>Echocardiography</i> , 2021 , 38, 1235-1244	1.5	
272	Cardiopulmonary Exercise Testing with Echocardiography to Identify Mechanisms of Unexplained Dyspnea. <i>Journal of Cardiovascular Translational Research</i> , 2021 , 1	3.3	2
271	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
270	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
269	Clinical Phenogroups in Heart Failure with Preserved Ejection Fraction. <i>Heart Failure Clinics</i> , 2021 , 17, 483-498	3.3	2
268	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

267	A Fluid Challenge Test for the Diagnosis of Occult Heart Failure. <i>Chest</i> , 2021 , 159, 791-797	5.3	6
266	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
265	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
264	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
263	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
262	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
261	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
260	Nonobstructive Hypertrophic Cardiomyopathy in a Patient With Mitral Prosthesis. <i>Annals of Thoracic Surgery</i> , 2021 , 111, e429-e432	2.7	1
259	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
258	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
257	Ventricular-Arterial Interaction in Patients With Heart Failure and a Preserved Ejection Fraction 2021 , 71-85		
256	Biomarker and Invasive Hemodynamic Assessment of Cardiac Damage Class in Aortic Stenosis. <i>Structural Heart</i> , 2021 , 5, 208-217	0.6	0
255	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
254	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
253	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
252	Unmasking Hydroxychloroquine Cardiotoxicity in a Patient With Heart Failure and Chronotropic Incompetence. <i>JACC: Case Reports</i> , 2021 , 3, 997-1001	1.2	0
251	Prevalence of Transthyretin Amyloid Cardiomyopathy in Heart Failure With Preserved Ejection Fraction. <i>JAMA Cardiology</i> , 2021 , 6, 1267-1274	16.2	10
250	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

249	Hemodynamics for the Heart Failure Clinician: A State-of-the-Art Review. <i>Journal of Cardiac Failure</i> , 2021 ,	3.3	6
248	Heart Failure with Preserved Ejection Fraction: Mechanisms and Treatment Strategies. <i>Annual Review of Medicine</i> , 2021 ,	17.4	6
247	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
246	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
245	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
244	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
243	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
242	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
241	Invasive Hemodynamic Assessment in Heart Failure With Preserved Ejection Fraction 2021 , 93-105		
240	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
239	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
238	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
237	Performance and Interpretation of Invasive Hemodynamic Exercise Testing. <i>Chest</i> , 2020 , 158, 2119-2129	5.3	13
236	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
235	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
234	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
233	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
232	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

231	Evaluation and management of heart failure with preserved ejection fraction. <i>Nature Reviews Cardiology</i> , 2020 , 17, 559-573	14.8	113
230	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
229	The heavy heart of HFpEF. <i>European Heart Journal</i> , 2020 , 41, 3447	9.5	0
228	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
227	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
226	Noninvasive evaluation of pulmonary artery pressure during exercise: the importance of right atrial hypertension. <i>European Respiratory Journal</i> , 2020 , 55,	13.6	14
225	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
224	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
223	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
222	Redistribution of cardiac output during exercise by functional mitral regurgitation in heart failure: compensatory O ₂ peripheral uptake to delivery failure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020 , 319, H100-H108	5.2	3
221	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
220	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
219	Hemodynamic assessment in heart failure. <i>Catheterization and Cardiovascular Interventions</i> , 2020 , 95, 420-428	2.7	3
218	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
217	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
216	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	
215	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
214	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

213	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
212	Obese-Inflammatory Phenotypes in Heart Failure With Preserved Ejection Fraction. <i>Circulation: Heart Failure</i> , 2020 , 13, e006414	7.6	14
211	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
210	A Tough Time Running Around the Block. <i>Circulation: Heart Failure</i> , 2020 , 13, e007182	7.6	
209	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
208	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
207	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
206	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
205	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
204	Every Now and Then I Fall Apart: Total Eclipse of the Mitral Valve. <i>Circulation: Heart Failure</i> , 2020 , 13, e007145	7.6	1
203	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
202	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
201	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
200	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
199	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
198	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
197	Assessment and Implications of Right Ventricular Afterload in Tetralogy of Fallot. <i>American Journal of Cardiology</i> , 2019 , 124, 1780-1784	3	4
196	Haemodynamic profiles in adult Fontan patients: associated haemodynamics and prognosis. <i>European Journal of Heart Failure</i> , 2019 , 21, 803-809	12.3	21

195	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
194	Mechanism and Risk Factors for Death in Adults With Tetralogy of Fallot. <i>American Journal of Cardiology</i> , 2019 , 124, 803-807	3	10
193	Heart Failure With Preserved Ejection Fraction In Perspective. <i>Circulation Research</i> , 2019 , 124, 1598-1617	15.7	229
192	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
191	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
190	Assessment of Right Ventricular-Pulmonary Arterial Coupling in Chronic Pulmonary Regurgitation. <i>Canadian Journal of Cardiology</i> , 2019 , 35, 914-922	3.8	9
189	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
188	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
187	Diastology for the clinician. <i>Journal of Cardiology</i> , 2019 , 73, 445-452	3	8
186	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
185	Low-Gradient Severe Mitral Stenosis: Hemodynamic Profiles, Clinical Characteristics, and Outcomes. <i>Journal of the American Heart Association</i> , 2019 , 8, e010736	6	15
184	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
183	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
182	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
181	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
180	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
179	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
178	Myocardial Energetics in Heart Failure With Preserved Ejection Fraction. <i>Circulation: Heart Failure</i> , 2019 , 12, e006240	7.6	11

177	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
176	Effect of Transcatheter Aortic Valve Replacement on Right Ventricular-Pulmonary Artery Coupling. <i>JACC: Cardiovascular Interventions</i> , 2019 , 12, 2145-2154	5	16
175	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
174	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
173	The Authors Reply. <i>JACC: Cardiovascular Imaging</i> , 2019 , 12, 2098-2099	8.4	1
172	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
171	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	
170	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
169	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
168	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	
167	Exercise ventilatory inefficiency in heart failure and chronic obstructive pulmonary disease. <i>International Journal of Cardiology</i> , 2019 , 274, 232-236	3.2	9
166	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
165	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
164	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
163	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
162	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
161	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
160	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

159	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
158	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
157	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
156	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
155	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
154	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
153	Invasive and noninvasive hemodynamic assessment in adults with Fontan palliation. <i>International Journal of Cardiology</i> , 2018 , 254, 96-100	3.2	5
152	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
151	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
150	Pulmonary Pressure Assessment with the Total Artificial Heart. <i>ASAIO Journal</i> , 2018 , 64, e34-e36	3.6	2
149	Pericardiectomy Enhances Left Ventricular Diastolic Reserve With Volume Loading in Humans. <i>Circulation</i> , 2018 , 138, 2295-2297	16.7	24
148	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
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