

Barry A Borlaug

List of Publications by Year in descending order

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Version: 2024-02-01

373
papers

30,674
citations

4653

85
h-index

5384

164
g-index

389
all docs

389
docs citations

389
times ranked

16077
citing authors

#	ARTICLE	IF	CITATIONS
1	Pulmonary Hypertension in Heart Failure With Preserved Ejection Fraction. <i>Journal of the American College of Cardiology</i> , 2009, 53, 1119-1126.	1.2	1,160
2	Effect of Phosphodiesterase-5 Inhibition on Exercise Capacity and Clinical Status in Heart Failure With Preserved Ejection Fraction. <i>JAMA - Journal of the American Medical Association</i> , 2013, 309, 1268.	3.8	976
3	Heart failure with preserved ejection fraction: pathophysiology, diagnosis, and treatment. <i>European Heart Journal</i> , 2011, 32, 670-679.	1.0	911
4	Exercise Hemodynamics Enhance Diagnosis of Early Heart Failure With Preserved Ejection Fraction. <i>Circulation: Heart Failure</i> , 2010, 3, 588-595.	1.6	891
5	Phenotype-Specific Treatment of Heart Failure With Preserved Ejection Fraction. <i>Circulation</i> , 2016, 134, 73-90.	1.6	747
6	Age- and Gender-Related Ventricular-Vascular Stiffening. <i>Circulation</i> , 2005, 112, 2254-2262.	1.6	736
7	Evidence Supporting the Existence of a Distinct Obese Phenotype of Heart Failure With Preserved Ejection Fraction. <i>Circulation</i> , 2017, 136, 6-19.	1.6	689
8	A Simple, Evidence-Based Approach to Help Guide Diagnosis of Heart Failure With Preserved Ejection Fraction. <i>Circulation</i> , 2018, 138, 861-870.	1.6	680
9	Global Cardiovascular Reserve Dysfunction in Heart Failure With Preserved Ejection Fraction. <i>Journal of the American College of Cardiology</i> , 2010, 56, 845-854.	1.2	606
10	Impaired Chronotropic and Vasodilator Reserves Limit Exercise Capacity in Patients With Heart Failure and a Preserved Ejection Fraction. <i>Circulation</i> , 2006, 114, 2138-2147.	1.6	586
11	The pathophysiology of heart failure with preserved ejection fraction. <i>Nature Reviews Cardiology</i> , 2014, 11, 507-515.	6.1	513
12	Heart Failure With Preserved Ejection Fraction In Perspective. <i>Circulation Research</i> , 2019, 124, 1598-1617.	2.0	500
13	Right heart dysfunction in heart failure with preserved ejection fraction. <i>European Heart Journal</i> , 2014, 35, 3452-3462.	1.0	491
14	Cardiac Structure and Ventricularâ€Vascular Function in Persons With Heart Failure and Preserved Ejection Fraction From Olmsted County, Minnesota. <i>Circulation</i> , 2007, 115, 1982-1990.	1.6	475
15	Isosorbide Mononitrate in Heart Failure with Preserved Ejection Fraction. <i>New England Journal of Medicine</i> , 2015, 373, 2314-2324.	13.9	453
16	Cardiovascular Features of Heart Failure With Preserved Ejection Fraction Versus Nonfailing Hypertensive Left Ventricular Hypertrophy in the Urban Baltimore Community. <i>Journal of the American College of Cardiology</i> , 2007, 49, 198-207.	1.2	425
17	Role of Diastolic Stress Testing in the Evaluation for Heart Failure With Preserved Ejection Fraction. <i>Circulation</i> , 2017, 135, 825-838.	1.6	416
18	Low-Dose Dopamine or Low-Dose Nesiritide in Acute Heart Failure With Renal Dysfunction. <i>JAMA - Journal of the American Medical Association</i> , 2013, 310, 2533.	3.8	410

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19	Age-Associated Increases in Pulmonary Artery Systolic Pressure in the General Population. <i>Circulation</i> , 2009, 119, 2663-2670.	1.6	384
20	Pulmonary Hypertension Due to Left Heart Disease. <i>Circulation</i> , 2012, 126, 975-990.	1.6	374
21	Contractility and Ventricular Systolic Stiffening in Hypertensive Heart Disease. <i>Journal of the American College of Cardiology</i> , 2009, 54, 410-418.	1.2	372
22	Pulmonary Capillary Wedge Pressure Augments Right Ventricular Pulsatile Loading. <i>Circulation</i> , 2012, 125, 289-297.	1.6	369
23	Diastolic and Systolic Heart Failure Are Distinct Phenotypes Within the Heart Failure Spectrum. <i>Circulation</i> , 2011, 123, 2006-2014.	1.6	364
24	Left Atrial Remodeling and Function in Advanced Heart Failure With Preserved or Reduced Ejection Fraction. <i>Circulation: Heart Failure</i> , 2015, 8, 295-303.	1.6	345
25	Evaluation and management of heart failure with preserved ejection fraction. <i>Nature Reviews Cardiology</i> , 2020, 17, 559-573.	6.1	339
26	The SGLT2 inhibitor dapagliflozin in heart failure with preserved ejection fraction: a multicenter randomized trial. <i>Nature Medicine</i> , 2021, 27, 1954-1960.	15.2	299
27	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, 1570-1577.	1.2	280
28	Effects of Vasodilation in Heart Failure With Preserved or Reduced Ejection Fraction. <i>Journal of the American College of Cardiology</i> , 2012, 59, 442-451.	1.2	280
29	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, 776-785.	2.9	275
30	Ventricular-Vascular Interaction in Heart Failure. <i>Heart Failure Clinics</i> , 2008, 4, 23-36.	1.0	272
31	Abnormal right ventricular-pulmonary artery coupling with exercise in heart failure with preserved ejection fraction. <i>European Heart Journal</i> , 2016, 37, 3293-3302.	1.0	259
32	Sex Differences in Arterial Stiffness and Ventricular-Arterial Interactions. <i>Journal of the American College of Cardiology</i> , 2013, 61, 96-103.	1.2	244
33	Clinical Features, Hemodynamics, and Outcomes of Pulmonary Hypertension Due to Chronic Heart Failure With Reduced Ejection Fraction. <i>JACC: Heart Failure</i> , 2013, 1, 290-299.	1.9	239
34	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.	2.9	239
35	Research Priorities for Heart Failure With Preserved Ejection Fraction. <i>Circulation</i> , 2020, 141, 1001-1026.	1.6	239
36	Exercise Intolerance in Patients With Heart Failure. <i>Journal of the American College of Cardiology</i> , 2019, 73, 2209-2225.	1.2	236

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37	Implications of Coronary Artery Disease in Heart Failure With Preserved Ejection Fraction. <i>Journal of the American College of Cardiology</i> , 2014, 63, 2817-2827.	1.2	233
38	Global Pulmonary Vascular Remodeling in Pulmonary Hypertension Associated With Heart Failure and Preserved or Reduced Ejection Fraction. <i>Circulation</i> , 2018, 137, 1796-1810.	1.6	223
39	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, 913-933.	0.3	210
40	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.	1.2	202
41	High-Output Heart Failure. <i>Journal of the American College of Cardiology</i> , 2016, 68, 473-482.	1.2	199
42	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.	1.2	195
43	Diastolic relaxation and compliance reserve during dynamic exercise in heart failure with preserved ejection fraction. <i>Heart</i> , 2011, 97, 964-969.	1.2	191
44	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.	1.0	190
45	Ventricular-Arterial Coupling, Remodeling, and Prognosis in Chronic Heart Failure. <i>Journal of the American College of Cardiology</i> , 2013, 62, 1165-1172.	1.2	189
46	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, 1672-1682.	1.2	188
47	Effect of Inorganic Nitrite vs Placebo on Exercise Capacity Among Patients With Heart Failure With Preserved Ejection Fraction. <i>JAMA - Journal of the American Medical Association</i> , 2018, 320, 1764.	3.8	187
48	Why are women more likely than men to develop heart failure with preserved ejection fraction?. <i>Current Opinion in Cardiology</i> , 2011, 26, 562-568.	0.8	186
49	Comorbidity and Ventricular and Vascular Structure and Function in Heart Failure With Preserved Ejection Fraction. <i>Circulation: Heart Failure</i> , 2012, 5, 710-719.	1.6	186
50	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.	2.9	180
51	Haemodynamics, dyspnoea, and pulmonary reserve in heart failure with preserved ejection fraction. <i>European Heart Journal</i> , 2018, 39, 2810-2821.	1.0	180
52	Hemodynamic Responses to Rapid Saline Loading. <i>Circulation</i> , 2013, 127, 55-62.	1.6	176
53	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.	2.9	168
54	Differential Hemodynamic Effects of Exercise and Volume Expansion in People With and Without Heart Failure. <i>Circulation: Heart Failure</i> , 2015, 8, 41-48.	1.6	167

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55	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.	1.0	165
56	Sildenafil Inhibits β_2 -Adrenergic-Stimulated Cardiac Contractility in Humans. <i>Circulation</i> , 2005, 112, 2642-2649.	1.6	161
57	Diastolic Dysfunction and Heart Failure With Preserved Ejection Fraction. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 245-257.	2.3	156
58	The haemodynamic basis of lung congestion during exercise in heart failure with preserved ejection fraction. <i>European Heart Journal</i> , 2019, 40, 3721-3730.	1.0	155
59	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.	6.1	141
60	Longitudinal Changes in Left Ventricular Stiffness. <i>Circulation: Heart Failure</i> , 2013, 6, 944-952.	1.6	140
61	Impact of Atrial Fibrillation on Exercise Capacity in Heart Failure With Preserved Ejection Fraction. <i>Circulation: Heart Failure</i> , 2014, 7, 123-130.	1.6	134
62	Exercise Training as Therapy for Heart Failure. <i>Circulation: Heart Failure</i> , 2015, 8, 209-220.	1.6	133
63	Inhaled Sodium Nitrite Improves Rest and Exercise Hemodynamics in Heart Failure With Preserved Ejection Fraction. <i>Circulation Research</i> , 2016, 119, 880-886.	2.0	133
64	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.	1.9	132
65	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.	1.2	131
66	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.	1.6	131
67	Ventricular-Vascular Interaction in Heart Failure. <i>Cardiology Clinics</i> , 2011, 29, 447-459.	0.9	121
68	Hemodynamic and Functional Impact of Epicardial Adipose Tissue in Heart Failure With Preserved Ejection Fraction. <i>JACC: Heart Failure</i> , 2020, 8, 657-666.	1.9	113
69	PVDOMICS. <i>Circulation Research</i> , 2017, 121, 1136-1139.	2.0	113
70	Mechanisms of Diastolic Dysfunction in Heart Failure. <i>Trends in Cardiovascular Medicine</i> , 2006, 16, 273-279.	2.3	112
71	Atrial shunt device for heart failure with preserved and mildly reduced ejection fraction (REDUCE) Tj ETQq1 1 0.784314 rgBT /Overloc	0.3	112
72	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, 212-221.	0.7	111

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73	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.	2.9	111
74	Lung congestion in chronic heart failure: haemodynamic, clinical, and prognostic implications. <i>European Journal of Heart Failure</i> , 2015, 17, 1161-1171.	2.9	109
75	Phosphodiesterase-5 Inhibition to Improve Clinical Status and Exercise Capacity in Diastolic Heart Failure (RELAX) Trial. <i>Circulation: Heart Failure</i> , 2012, 5, 653-659.	1.6	107
76	Heart Failure With Preserved Ejection Fraction. <i>Current Problems in Cardiology</i> , 2016, 41, 145-188.	1.1	107
77	Systemic Hypertension in Low-Gradient Severe Aortic Stenosis With Preserved Ejection Fraction. <i>Circulation</i> , 2013, 128, 1349-1353.	1.6	106
78	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.	1.2	106
79	Heart Failure With Preserved Ejection Fraction Expert Panel Report. <i>JACC: Heart Failure</i> , 2018, 6, 619-632.	1.9	103
80	Altered Hemodynamics and End-Organ Damage in Heart Failure. <i>Circulation</i> , 2020, 142, 998-1012.	1.6	103
81	Impaired Pulmonary Diffusion in Heart Failure With Preserved Ejection Fraction. <i>JACC: Heart Failure</i> , 2016, 4, 490-498.	1.9	97
82	The Role of the Pericardium in Heart Failure. <i>JACC: Heart Failure</i> , 2019, 7, 574-585.	1.9	96
83	Biomarkers in acutely decompensated heart failure with preserved or reduced ejection fraction. <i>American Heart Journal</i> , 2012, 164, 763-770.e3.	1.2	95
84	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.	1.0	93
85	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.	2.9	93
86	Mechanisms of Exercise Intolerance in Heart Failure With Preserved Ejection Fraction. <i>Circulation Journal</i> , 2014, 78, 20-32.	0.7	92
87	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.	2.9	92
88	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.	2.9	92
89	Exercise Intolerance in Older Adults With Heart Failure With Preserved Ejection Fraction. <i>Journal of the American College of Cardiology</i> , 2021, 78, 1166-1187.	1.2	87
90	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.	2.9	86

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91	Hemodynamics of Fontan Failure. <i>Circulation: Heart Failure</i> , 2017, 10, .	1.6	85
92	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.	1.6	85
93	Enhanced Pulmonary Vasodilator Reserve and Abnormal Right Ventricular. <i>Circulation: Heart Failure</i> , 2015, 8, 542-550.	1.6	83
94	High Prevalence of Occult Heart Failure With Preserved Ejection Fraction Among Patients With Atrial Fibrillation and Dyspnea. <i>Circulation</i> , 2018, 137, 534-535.	1.6	82
95	Pathophysiologic importance of visceral adipose tissue in women with heart failure and preserved ejection fraction. <i>European Heart Journal</i> , 2021, 42, 1595-1605.	1.0	80
96	The Hemodynamic Basis of Exercise Intolerance in Tricuspid Regurgitation. <i>Circulation: Heart Failure</i> , 2014, 7, 911-917.	1.6	77
97	Evaluation for Heart Transplantation and LVAD Implantation. <i>Journal of the American College of Cardiology</i> , 2020, 75, 1471-1487.	1.2	77
98	Impaired Right Ventricular-Pulmonary Arterial Coupling and Effect of Sildenafil in Heart Failure With Preserved Ejection Fraction. <i>Circulation: Heart Failure</i> , 2016, 9, e002729.	1.6	76
99	Sildenafil and Diastolic Dysfunction After Acute Myocardial Infarction in Patients With Preserved Ejection Fraction. <i>Circulation</i> , 2013, 127, 1200-1208.	1.6	73
100	Percutaneous Pericardial Resection. <i>Circulation: Heart Failure</i> , 2017, 10, e003612.	1.6	72
101	Hemodynamic Effects of Weight Loss in Obesity. <i>JACC: Heart Failure</i> , 2019, 7, 678-687.	1.9	71
102	Impact of General and Central Adiposity on Ventricular-Arterial Aging in Women and Men. <i>JACC: Heart Failure</i> , 2014, 2, 489-499.	1.9	70
103	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.	1.2	69
104	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.	1.4	68
105	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, 43, 1941-1951.	1.0	68
106	Prevalence of Transthyretin Amyloid Cardiomyopathy in Heart Failure With Preserved Ejection Fraction. <i>JAMA Cardiology</i> , 2021, 6, 1267.	3.0	66
107	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.	0.7	65
108	Application of Diagnostic Algorithms for Heart Failure With Preserved Ejection Fraction to the Community. <i>JACC: Heart Failure</i> , 2020, 8, 640-653.	1.9	65

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109	Invasive Hemodynamic Assessment in Heart Failure. <i>Heart Failure Clinics</i> , 2009, 5, 217-228.	1.0	64
110	Effects of Sildenafil on Ventricular and Vascular Function in Heart Failure With Preserved Ejection Fraction. <i>Circulation: Heart Failure</i> , 2015, 8, 533-541.	1.6	64
111	Soluble ST2 in Heart Failure With Preserved Ejection Fraction. <i>Journal of the American Heart Association</i> , 2017, 6, .	1.6	64
112	Obesity, venous capacitance, and venous compliance in heart failure with preserved ejection fraction. <i>European Journal of Heart Failure</i> , 2021, 23, 1648-1658.	2.9	64
113	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.	1.0	62
114	Effect of antihypertensive therapy on ventricular-arterial mechanics, coupling, and efficiency. <i>European Heart Journal</i> , 2013, 34, 676-683.	1.0	59
115	The β_2 -Adrenergic Agonist Albuterol Improves Pulmonary Vascular Reserve in Heart Failure With Preserved Ejection Fraction. <i>Circulation Research</i> , 2019, 124, 306-314.	2.0	58
116	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.	1.2	57
117	Exercise Hemodynamics in Patients With and Without Diastolic Dysfunction and Preserved Ejection Fraction After Myocardial Infarction. <i>Circulation: Heart Failure</i> , 2012, 5, 444-451.	1.6	56
118	Functional impact of rate irregularity in patients with heart failure and atrial fibrillation receiving cardiac resynchronization therapy. <i>European Heart Journal</i> , 2005, 26, 705-711.	1.0	54
119	Latent Pulmonary Vascular Disease May Alter the Response to Therapeutic Atrial Shunt Device in Heart Failure. <i>Circulation</i> , 2022, 145, 1592-1604.	1.6	54
120	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.	1.6	53
121	Effects of Healthy Aging on the Cardiopulmonary Hemodynamic Response to Exercise. <i>American Journal of Cardiology</i> , 2014, 114, 131-135.	0.7	52
122	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.	2.9	52
123	Obese-Inflammatory Phenotypes in Heart Failure With Preserved Ejection Fraction. <i>Circulation: Heart Failure</i> , 2020, 13, e006414.	1.6	52
124	Heart Failure with Preserved Ejection Fraction: Mechanisms and Treatment Strategies. <i>Annual Review of Medicine</i> , 2022, 73, 321-337.	5.0	52
125	Relative Impairments in Hemodynamic Exercise Reserve Parameters in Heart Failure With Preserved Ejection Fraction. <i>JACC: Heart Failure</i> , 2018, 6, 117-126.	1.9	50
126	Pulmonary vascular disease in pulmonary hypertension due to left heart disease: pathophysiologic implications. <i>European Heart Journal</i> , 2022, 43, 3417-3431.	1.0	50

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127	Galectin-3 in Heart Failure With Preserved Ejection Fraction. <i>JACC: Heart Failure</i> , 2015, 3, 245-252.	1.9	49
128	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.	2.9	48
129	Myocardial ketone body utilization in patients with heart failure: The impact of oral ketone ester. <i>Metabolism: Clinical and Experimental</i> , 2021, 115, 154452.	1.5	48
130	Left Ventricular Dysfunction With Pulmonary Hypertension. <i>Circulation: Heart Failure</i> , 2013, 6, 344-354.	1.6	47
131	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.	1.6	47
132	INDIE-HFpEF (Inorganic Nitrite Delivery to Improve Exercise Capacity in Heart Failure With Preserved Ejection Fraction) Trial. <i>Circulation: Heart Failure</i> , 2021, 14, e009000.	1.6	47
133	The neurohormonal basis of pulmonary hypertension in heart failure with preserved ejection fraction. <i>European Heart Journal</i> , 2019, 40, 3707-3717.	1.0	47
134	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.	1.2	47
135	Resting Heart Rate and Heart Rate Reserve in Advanced Heart Failure Have Distinct Pathophysiologic Correlates and Prognostic Impact. <i>JACC: Heart Failure</i> , 2013, 1, 259-266.	1.9	46
136	Differential Response to Low-Dose Dopamine or Low-Dose Nesiritide in Acute Heart Failure With Reduced or Preserved Ejection Fraction. <i>Circulation: Heart Failure</i> , 2016, 9, .	1.6	46
137	Heart Failure with Preserved Ejection Fraction: Current Understandings and Challenges. <i>Current Cardiology Reports</i> , 2014, 16, 501.	1.3	45
138	Invasive Hemodynamic Assessment in Heart Failure. <i>Cardiology Clinics</i> , 2011, 29, 269-280.	0.9	44
139	Skeletal Muscle Abnormalities and Iron Deficiency in Chronic Heart Failure. <i>Circulation: Heart Failure</i> , 2018, 11, e004800.	1.6	44
140	Predicting the transition to and progression of heart failure with preserved ejection fraction: a weighted risk score using bio-humoural, cardiopulmonary, and echocardiographic stress testing. <i>European Journal of Preventive Cardiology</i> , 2021, 28, 1650-1661.	0.8	44
141	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.	1.2	43
142	Diagnosis of Heart Failure With Preserved Ejection Fraction Among Patients With Unexplained Dyspnea. <i>JAMA Cardiology</i> , 2022, 7, 891.	3.0	43
143	Levosimendan Improves Hemodynamics and Exercise Tolerance in PH-HFpEF. <i>JACC: Heart Failure</i> , 2021, 9, 360-370.	1.9	42
144	Exercise testing in heart failure with preserved ejection fraction: an appraisal through diagnosis, pathophysiology and therapy – A clinical consensus statement of the Heart Failure Association and European Association of Preventive Cardiology of the European Society of Cardiology. <i>European Journal of Heart Failure</i> , 2022, 24, 1327-1345.	2.9	42

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145	Caveat medicus! Pulmonary hypertension in the elderly: a word of caution. <i>European Journal of Heart Failure</i> , 2010, 12, 89-93.	2.9	41
146	A Randomized Pilot Study of Aortic Waveform Guided Therapy in Chronic Heart Failure. <i>Journal of the American Heart Association</i> , 2014, 3, e000745.	1.6	41
147	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.	2.9	41
148	Bedside Assessment of Cardiac Hemodynamics: The Impact of Noninvasive Testing and Examiner Experience. <i>American Journal of Medicine</i> , 2011, 124, 1051-1057.	0.6	40
149	Resting Ventricular and Vascular Function and Exercise Capacity in Heart Failure With Preserved Ejection Fraction. <i>Circulation: Heart Failure</i> , 2014, 7, 580-589.	1.6	40
150	Effect of Transcatheter Aortic Valve Replacement on Right Ventricular-Pulmonary Artery Coupling. <i>JACC: Cardiovascular Interventions</i> , 2019, 12, 2145-2154.	1.1	39
151	Invasive Assessment of Pulmonary Hypertension. <i>Circulation: Heart Failure</i> , 2014, 7, 2-4.	1.6	38
152	Race-Related Differences in Left Ventricular Structural and Functional Remodeling in Response to Increased Afterload. <i>JACC: Heart Failure</i> , 2017, 5, 157-165.	1.9	38
153	Performance and Interpretation of Invasive Hemodynamic Exercise Testing. <i>Chest</i> , 2020, 158, 2119-2129.	0.4	38
154	Invasive Hemodynamic Characterization of Heart Failure with Preserved Ejection Fraction. <i>Heart Failure Clinics</i> , 2014, 10, 435-444.	1.0	37
155	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.	2.9	37
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