

# Walter J Paulus

## List of Publications by Year in descending order

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167  
papers

21,949  
citations

20759

60  
h-index

9073

144  
g-index

170  
all docs

170  
docs citations

170  
times ranked

19200  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Novel Paradigm for Heart Failure With Preserved Ejection Fraction. <i>Journal of the American College of Cardiology</i> , 2013, 62, 263-271.	1.2	2,555
2	How to diagnose diastolic heart failure: a consensus statement on the diagnosis of heart failure with normal left ventricular ejection fraction by the Heart Failure and Echocardiography Associations of the European Society of Cardiology. <i>European Heart Journal</i> , 2007, 28, 2539-2550.	1.0	2,302
3	How to diagnose heart failure with preserved ejection fraction: the HFAâ€PEFF diagnostic algorithm: a consensus recommendation from the Heart Failure Association (HFA) of the European Society of Cardiology (ESC). <i>European Heart Journal</i> , 2019, 40, 3297-3317.	1.0	944
4	Heart failure with preserved ejection fraction: pathophysiology, diagnosis, and treatment. <i>European Heart Journal</i> , 2011, 32, 670-679.	1.0	911
5	Phenotype-Specific Treatment of Heart Failure With Preserved Ejection Fraction. <i>Circulation</i> , 2016, 134, 73-90.	1.6	747
6	Aortic stenosis. <i>Lancet</i> , The, 2009, 373, 956-966.	6.3	668
7	Diastolic Stiffness of the Failing Diabetic Heart. <i>Circulation</i> , 2008, 117, 43-51.	1.6	621
8	Myocardial Structure and Function Differ in Systolic and Diastolic Heart Failure. <i>Circulation</i> , 2006, 113, 1966-1973.	1.6	558
9	Cardiomyocyte Stiffness in Diastolic Heart Failure. <i>Circulation</i> , 2005, 111, 774-781.	1.6	466
10	Type 2 diabetes mellitus and heart failure: a position statement from the Heart Failure Association of the European Society of Cardiology. <i>European Journal of Heart Failure</i> , 2018, 20, 853-872.	2.9	434
11	What Mechanisms Underlie Diastolic Dysfunction in Heart Failure?. <i>Circulation Research</i> , 2004, 94, 1533-1542.	2.0	425
12	Low Myocardial Protein Kinase G Activity in Heart Failure With Preserved Ejection Fraction. <i>Circulation</i> , 2012, 126, 830-839.	1.6	418
13	Clinical diabetic cardiomyopathy: a two-faced disease with restrictive and dilated phenotypes. <i>European Heart Journal</i> , 2015, 36, 1718-1727.	1.0	392
14	Myocardial Microvascular Inflammatory Endothelial Activation in Heart Failure With Preserved Ejection Fraction. <i>JACC: Heart Failure</i> , 2016, 4, 312-324.	1.9	390
15	Ultrasound and Microbubble-Targeted Delivery of Macromolecules Is Regulated by Induction of Endocytosis and Pore Formation. <i>Circulation Research</i> , 2009, 104, 679-687.	2.0	388
16	B-Type Natriuretic Peptide and Prognosis in Heart Failure Patients With Preserved and Reduced Ejection Fraction. <i>Journal of the American College of Cardiology</i> , 2013, 61, 1498-1506.	1.2	352
17	Hypophosphorylation of the Stiff N2B Titin Isoform Raises Cardiomyocyte Resting Tension in Failing Human Myocardium. <i>Circulation Research</i> , 2009, 104, 780-786.	2.0	318
18	New strategies for heart failure with preserved ejection fraction: the importance of targeted therapies for heart failure phenotypes. <i>European Heart Journal</i> , 2014, 35, 2797-2815.	1.0	304

#	ARTICLE	IF	CITATIONS
19	Right Ventricular Diastolic Impairment in Patients With Pulmonary Arterial Hypertension. <i>Circulation</i> , 2013, 128, 2016-2025.	1.6	294
20	Effects of tDCS on motor learning and memory formation: A consensus and critical position paper. <i>Clinical Neurophysiology</i> , 2017, 128, 589-603.	0.7	275
21	Phosphodiesterase 9A controls nitric-oxide-independent cGMP and hypertrophic heart disease. <i>Nature</i> , 2015, 519, 472-476.	13.7	274
22	Connecting heart failure with preserved ejection fraction and renal dysfunction: the role of endothelial dysfunction and inflammation. <i>European Journal of Heart Failure</i> , 2016, 18, 588-598.	2.9	242
23	Myocardial Titin Hypophosphorylation Importantly Contributes to Heart Failure With Preserved Ejection Fraction in a Rat Metabolic Risk Model. <i>Circulation: Heart Failure</i> , 2013, 6, 1239-1249.	1.6	241
24	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
25	Treatment of Heart Failure With Normal Ejection Fraction. <i>Journal of the American College of Cardiology</i> , 2010, 55, 526-537.	1.2	238
26	Myocardial Contractile Response to Nitric Oxide and cGMP. <i>Circulation</i> , 1996, 93, 1223-1229.	1.6	230
27	Pioglitazone Improves Cardiac Function and Alters Myocardial Substrate Metabolism Without Affecting Cardiac Triglyceride Accumulation and High-Energy Phosphate Metabolism in Patients With Well-Controlled Type 2 Diabetes Mellitus. <i>Circulation</i> , 2009, 119, 2069-2077.	1.6	210
28	Peripartum Cardiomyopathy as a Part of Familial Dilated Cardiomyopathy. <i>Circulation</i> , 2010, 121, 2169-2175.	1.6	207
29	Transstenotic coronary pressure gradient measurement in humans: In vitro and in vivo evaluation of a new pressure monitoring angioplasty guide wire. <i>Journal of the American College of Cardiology</i> , 1993, 22, 119-126.	1.2	206
30	Diabetes Mellitus Worsens Diastolic Left Ventricular Dysfunction in Aortic Stenosis Through Altered Myocardial Structure and Cardiomyocyte Stiffness. <i>Circulation</i> , 2011, 124, 1151-1159.	1.6	196
31	How to diagnose heart failure with preserved ejection fraction: the HFAâ€PEFF diagnostic algorithm: a consensus recommendation from the Heart Failure Association (HFA) of the European Society of Cardiology (ESC). <i>European Journal of Heart Failure</i> , 2020, 22, 391-412.	2.9	193
32	Bisoprolol Delays Progression Towards Right Heart Failure in Experimental Pulmonary Hypertension. <i>Circulation: Heart Failure</i> , 2012, 5, 97-105.	1.6	184
33	Heart failure and diabetes: metabolic alterations and therapeutic interventions: a state-of-the-art review from the Translational Research Committee of the Heart Failure Associationâ€European Society of Cardiology. <i>European Heart Journal</i> , 2018, 39, 4243-4254.	1.0	171
34	Right-ventricular failure is associated with increased mitochondrial complex II activity and production of reactive oxygen species. <i>Cardiovascular Research</i> , 2007, 75, 770-781.	1.8	150
35	Sarcomeric dysfunction in heart failure. <i>Cardiovascular Research</i> , 2007, 77, 649-658.	1.8	150
36	Multiple common comorbidities produce left ventricular diastolic dysfunction associated with coronary microvascular dysfunction, oxidative stress, and myocardial stiffening. <i>Cardiovascular Research</i> , 2018, 114, 954-964.	1.8	148

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37	Endomyocardial Nitric Oxide Synthase and Left Ventricular Preload Reserve in Dilated Cardiomyopathy. <i>Circulation</i> , 1999, 99, 3009-3016.	1.6	146
38	Paracrine Coronary Endothelial Control of Left Ventricular Function in Humans. <i>Circulation</i> , 1995, 92, 2119-2126.	1.6	142
39	Right Ventricular Diastolic Dysfunction and the Acute Effects of Sildenafil in Pulmonary Hypertension Patients. <i>Chest</i> , 2007, 132, 11-17.	0.4	138
40	From Systemic Inflammation to Myocardial Fibrosis. <i>Circulation Research</i> , 2021, 128, 1451-1467.	2.0	132
41	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
42	Cardiac Microvascular Endothelial Enhancement of Cardiomyocyte Function Is Impaired by Inflammation and Restored by Empagliflozin. <i>JACC Basic To Translational Science</i> , 2019, 4, 575-591.	1.9	125
43	Doppler Echocardiography Yields Dubious Estimates of Left Ventricular Diastolic Pressures. <i>Circulation</i> , 2009, 120, 810-820.	1.6	111
44	Antioxidant treatment attenuates pulmonary arterial hypertension-induced heart failure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2010, 298, H1038-H1047.	1.5	105
45	Effect of early-onset preeclampsia on cardiovascular risk in the fifth decade of life. <i>American Journal of Obstetrics and Gynecology</i> , 2017, 216, 523.e1-523.e7.	0.7	100
46	Comparison of the effects of nitroprusside and nifedipine on diastolic properties in patients with hypertrophic cardiomyopathy: Altered left ventricular loading or improved muscle inactivation?. <i>Journal of the American College of Cardiology</i> , 1983, 2, 879-886.	1.2	99
47	Biomarkers of heart failure with normal ejection fraction: a systematic review. <i>European Journal of Heart Failure</i> , 2013, 15, 1350-1362.	2.9	97
48	Molecular and Cellular Basis for Diastolic Dysfunction. <i>Current Heart Failure Reports</i> , 2012, 9, 293-302.	1.3	96
49	Improved Diastolic Function and Systolic Performance in Hypertrophic Cardiomyopathy after Nifedipine. <i>New England Journal of Medicine</i> , 1980, 303, 801-803.	13.9	92
50	Left-Ventricular Remodeling After Myocardial Infarction Is Associated with a Cardiomyocyte-Specific Hypothyroid Condition. <i>Endocrinology</i> , 2011, 152, 669-679.	1.4	92
51	Distinct Myocardial Targets for Diabetes Therapy in Heart Failure With Preserved or Reduced Ejection Fraction. <i>JACC: Heart Failure</i> , 2018, 6, 1-7.	1.9	90
52	SIHâ€”a novel lipophilic iron chelatorâ€”protects H9c2 cardiomyoblasts from oxidative stress-induced mitochondrial injury and cell death. <i>Journal of Molecular and Cellular Cardiology</i> , 2005, 39, 345-354.	0.9	85
53	Quantitative analysis of myofilament protein phosphorylation in small cardiac biopsies. <i>Proteomics - Clinical Applications</i> , 2007, 1, 1285-1290.	0.8	80
54	Circulating ACE2 activity correlates with cardiovascular disease development. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2016, 17, 147032031666843.	1.0	80

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55	Heart failure and cognitive function in the general population: the Hoorn Study. <i>European Journal of Heart Failure</i> , 2011, 13, 1362-1369.	2.9	78
56	Functional effects of protein kinase C-mediated myofilament phosphorylation in human myocardium. <i>Cardiovascular Research</i> , 2006, 69, 876-887.	1.8	71
57	Right ventricular pacing improves right heart function in experimental pulmonary arterial hypertension: a study in the isolated heart. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009, 297, H1752-H1759.	1.5	70
58	Left ventricular diastolic dysfunction and myocardial stiffness in diabetic mice is attenuated by inhibition of dipeptidyl peptidase 4. <i>Cardiovascular Research</i> , 2014, 104, 423-431.	1.8	70
59	Myocardial stress and hypertrophy: a complex interface between biophysics and cardiac remodeling. <i>Journal of Clinical Investigation</i> , 2013, 123, 3701-3703.	3.9	67
60	Nitric oxide's role in the heart: control of beating or breathing?. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2004, 287, H8-H13.	1.5	66
61	Distinct Endothelial Cell Responses in the Heart and Kidney Microvasculature Characterize the Progression of Heart Failure With Preserved Ejection Fraction in the Obese ZSF1 Rat With Cardiorenal Metabolic Syndrome. <i>Circulation: Heart Failure</i> , 2016, 9, e002760.	1.6	62
62	Circulating white blood cells and platelets amplify oxidative stress in heart failure. <i>Nature Clinical Practice Cardiovascular Medicine</i> , 2008, 5, 811-820.	3.3	61
63	How are cytokines activated in heart failure?. <i>European Journal of Heart Failure</i> , 1999, 1, 309-312.	2.9	59
64	The role of asymmetric dimethylarginine and arginine in the failing heart and its vasculature. <i>European Journal of Heart Failure</i> , 2010, 12, 1274-1281.	2.9	56
65	The role of nitric oxide in the failing heart. , 2001, 6, 105-118.		54
66	Effects of Aging on Left Atrioventricular Coupling and Left Ventricular Filling Assessed Using Cardiac Magnetic Resonance Imaging in Healthy Subjects. <i>American Journal of Cardiology</i> , 2007, 100, 122-127.	0.7	54
67	Transcriptional and Posttranslational Modifications of Titin. <i>Circulation Research</i> , 2009, 104, 12-14.	2.0	54
68	Distinct mechanisms for diastolic dysfunction in diabetes mellitus and chronic pressure-overload. <i>Basic Research in Cardiology</i> , 2011, 106, 801-814.	2.5	54
69	NOX5 Expression Is Increased in Intramyocardial Blood Vessels and Cardiomyocytes after Acute Myocardial Infarction in Humans. <i>American Journal of Pathology</i> , 2012, 180, 2222-2229.	1.9	53
70	Advantages of deformation indices over systolic velocities in assessment of longitudinal systolic function in patients with heart failure and normal ejection fraction. <i>European Journal of Heart Failure</i> , 2011, 13, 292-302.	2.9	52
71	Does Myocardial Fibrosis Hinder Contractile Function and Perfusion in Idiopathic Dilated Cardiomyopathy? PET and MR Imaging Study. <i>Radiology</i> , 2006, 240, 380-388.	3.6	51
72	Myofilament Degradation and Dysfunction of Human Cardiomyocytes in Fabry Disease. <i>American Journal of Pathology</i> , 2008, 172, 1482-1490.	1.9	51

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73	Unfolding Discoveries in Heart Failure. <i>New England Journal of Medicine</i> , 2020, 382, 679-682.	13.9	51
74	Distinct myocardial effects of beta-blocker therapy in heart failure with normal and reduced left ventricular ejection fraction. <i>European Heart Journal</i> , 2009, 30, 1863-1872.	1.0	50
75	Intravenous clusterin administration reduces myocardial infarct size in rats. <i>European Journal of Clinical Investigation</i> , 2010, 40, 893-902.	1.7	50
76	Shared biomarkers between female diastolic heart failure and pre-eclampsia: a systematic review and meta-analysis. <i>ESC Heart Failure</i> , 2017, 4, 88-98.	1.4	47
77	Molecular determinants of heart failure with normal left ventricular ejection fraction. <i>Pharmacological Reports</i> , 2009, 61, 139-145.	1.5	46
78	The influence of endothelium-derived nitric oxide on myocardial contractile function. <i>International Journal of Cardiology</i> , 1995, 50, 225-231.	0.8	44
79	The cardiac endothelium: Cardioactive mediators. <i>Progress in Cardiovascular Diseases</i> , 1996, 39, 263-284.	1.6	44
80	Myocardial Titin and Collagen in Cardiac Diastolic Dysfunction. <i>Circulation</i> , 2013, 128, 5-8.	1.6	43
81	Deliberating the Diagnostic Dilemma of Heart Failure With Preserved Ejection Fraction. <i>Circulation</i> , 2020, 142, 1770-1780.	1.6	43
82	Dobutamine Enhances Cardiodepressant Effects of Receptor-Mediated Coronary Endothelial Stimulation. <i>Circulation</i> , 1997, 95, 90-96.	1.6	41
83	More severe cellular phenotype in human idiopathic dilated cardiomyopathy compared to ischemic heart disease. <i>Journal of Muscle Research and Cell Motility</i> , 2010, 31, 289-301.	0.9	38
84	Diastolic function of the nonfilling human left ventricle. <i>Journal of the American College of Cardiology</i> , 1992, 20, 1524-1532.	1.2	37
85	The failing diabetic heart: Focus on diastolic left ventricular dysfunction. <i>Current Diabetes Reports</i> , 2009, 9, 79-86.	1.7	36
86	H <sub>2</sub> FPEF Score. <i>Circulation</i> , 2018, 138, 871-873.	1.6	36
87	Rationale and application of coronary transstenotic pressure gradient measurements. <i>Catheterization and Cardiovascular Diagnosis</i> , 1994, 33, 250-261.	0.7	35
88	Early-onset preeclampsia predisposes to preclinical diastolic left ventricular dysfunction in the fifth decade of life: An observational study. <i>PLoS ONE</i> , 2018, 13, e0198908.	1.1	35
89	Left Ventricular Contractile Effects of Inducible Nitric Oxide Synthase in the Human Allograft. <i>Circulation</i> , 1997, 96, 3436-3442.	1.6	34
90	Nitric Oxide and Cardiac Contractility in Human Heart Failure. <i>Circulation</i> , 2001, 104, 2260-2262.	1.6	33

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91	Matrix, Cytoskeleton, or Myofilaments: Which One to Blame for Diastolic Left Ventricular Dysfunction?. <i>Progress in Cardiovascular Diseases</i> , 2005, 47, 276-284.	1.6	32
92	MicroRNA 214 Is a Potential Regulator of Thyroid Hormone Levels in the Mouse Heart Following Myocardial Infarction, by Targeting the Thyroid-Hormone-Inactivating Enzyme Deiodinase Type III. <i>Frontiers in Endocrinology</i> , 2016, 7, 22.	1.5	32
93	Inhibition of type 2A secretory phospholipase A2 reduces death of cardiomyocytes in acute myocardial infarction. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2009, 14, 753-763.	2.2	31
94	Ventricular myocarditis coincides with atrial myocarditis in patients. <i>Cardiovascular Pathology</i> , 2016, 25, 141-148.	0.7	31
95	Increased local delivery of antagomir therapeutics to the rodent myocardium using ultrasound and microbubbles. <i>Journal of Controlled Release</i> , 2016, 222, 18-31.	4.8	30
96	Contractile arrest reveals calcium-dependent stimulation of SERCA2a mRNA expression in cultured ventricular cardiomyocytes. <i>Cardiovascular Research</i> , 2004, 63, 537-544.	1.8	29
97	From comorbidities to heart failure with preserved ejection fraction: a story of oxidative stress. <i>Heart</i> , 2016, 102, 320-330.	1.2	29
98	Investigating a biomarker-driven approach to target collagen turnover in diabetic heart failure with preserved ejection fraction patients. Effect of torasemide versus furosemide on serum C-terminal propeptide of procollagen type I (DROPI trial). <i>European Journal of Heart Failure</i> , 2018, 20, 460-470.	2.9	29
99	Atrial Fibrillation Coincides with the Advanced Glycation End Product N <sup>ε</sup> -(Carboxymethyl)Lysine in the Atrium. <i>American Journal of Pathology</i> , 2015, 185, 2096-2104.	1.9	28
100	Beneficial effects of nitric oxide on cardiac diastolic function: 'the flip side of the coin'. <i>Heart Failure Reviews</i> , 2000, 5, 337-344.	1.7	27
101	Prospective Associations of B-Type Natriuretic Peptide With Markers of Left Ventricular Function in Individuals With and Without Type 2 Diabetes. <i>Diabetes Care</i> , 2012, 35, 2510-2514.	4.3	27
102	Diastolic dysfunction is initiated by cardiomyocyte impairment ahead of endothelial dysfunction due to increased oxidative stress and inflammation in an experimental prediabetes model. <i>Journal of Molecular and Cellular Cardiology</i> , 2019, 137, 119-131.	0.9	27
103	Myocardial contractile effects of nitric oxide. <i>Heart Failure Reviews</i> , 2002, 7, 371-383.	1.7	26
104	Enhanced clinical phenotyping by mechanistic bioprofiling in heart failure with preserved ejection fraction: insights from the MEDIA-DHF study (The Metabolic Road to Diastolic Heart Failure). <i>Biomarkers</i> , 2020, 25, 201-211.	0.9	26
105	Slightly elevated B-type natriuretic peptide levels in a non-heart failure range indicate a worse left ventricular diastolic function in individuals with, as compared with individuals without, type 2 diabetes: the Hoorn Study. <i>European Journal of Heart Failure</i> , 2010, 12, 958-965.	2.9	24
106	Do Existing Definitions Identify Subgroup Phenotypes or Reflect the Natural History of Heart Failure With Preserved Ejection Fraction?. <i>Circulation</i> , 2019, 140, 366-369.	1.6	24
107	H9c2 cardiomyoblasts produce thyroid hormone. <i>American Journal of Physiology - Cell Physiology</i> , 2008, 294, C1227-C1233.	2.1	22
108	RhoA-ROCK signaling is involved in contraction-mediated inhibition of SERCA2a expression in cardiomyocytes. <i>Pflügers Archiv European Journal of Physiology</i> , 2009, 458, 785-793.	1.3	22

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109	Endomyocardial nitric oxide synthase and the hemodynamic phenotypes of human dilated cardiomyopathy and of athlete's heart. <i>Cardiovascular Research</i> , 2002, 55, 270-278.	1.8	21
110	Independent Associations of Glucose Status and Arterial Stiffness With Left Ventricular Diastolic Dysfunction. <i>Diabetes Care</i> , 2012, 35, 1258-1264.	4.3	21
111	Orifice variability of the stenotic aortic valve: Evaluation before and after balloon aortic valvuloplasty. <i>Journal of the American College of Cardiology</i> , 1991, 17, 1263-1269.	1.2	20
112	Î±-B Crystallin Reverses High Diastolic Stiffness of Failing Human Cardiomyocytes. <i>Circulation: Heart Failure</i> , 2017, 10, e003626.	1.6	20
113	The effect of biological DMARDs on the risk of congestive heart failure in rheumatoid arthritis: a systematic review. <i>Expert Opinion on Biological Therapy</i> , 2018, 18, 585-594.	1.4	20
114	A Novel Electrocardiographic Index for the Diagnosis of Diastolic Dysfunction. <i>PLoS ONE</i> , 2013, 8, e79152.	1.1	20
115	Early NADPH oxidase-2 activation is crucial in phenylephrine-induced hypertrophy of H9c2 cells. <i>Cellular Signalling</i> , 2014, 26, 1818-1824.	1.7	19
116	Endothelial control of vascular and myocardial function in heart failure. <i>Cardiovascular Drugs and Therapy</i> , 1994, 8, 437-446.	1.3	18
117	Novel strategies in diastolic heart failure. <i>Heart</i> , 2010, 96, 1147-1153.	1.2	18
118	Ultrasound and Microbubble-Induced Local Delivery of MicroRNA-Based Therapeutics. <i>Ultrasound in Medicine and Biology</i> , 2015, 41, 163-176.	0.7	18
119	Stretch-induced compliance: a novel adaptive biological mechanism following acute cardiac load. <i>Cardiovascular Research</i> , 2018, 114, 656-667.	1.8	18
120	NOX2, p22 <sup>phox</sup> and p47 <sup>phox</sup> are Targeted to the Nuclear Pore Complex in Ischemic Cardiomyocytes Colocalizing with Local Reactive Oxygen Species. <i>Cellular Physiology and Biochemistry</i> , 2011, 27, 471-478.	1.1	17
121	Pathophysiological rationale and diagnostic targets for diastolic stress testing. <i>Heart</i> , 2015, 101, 1355-1360.	1.2	17
122	Arterial Remodeling and Dysfunction in the ZSF1 Rat Model of Heart Failure With Preserved Ejection Fraction. <i>Circulation: Heart Failure</i> , 2019, 12, e005596.	1.6	17
123	Risk of bias in studies investigating novel diagnostic biomarkers for heart failure with preserved ejection fraction. A systematic review. <i>European Journal of Heart Failure</i> , 2020, 22, 1586-1597.	2.9	16
124	Stratified Treatment of Heart Failure with preserved Ejection Fraction: rationale and design of the STADIA-CHFpEF trial. <i>ESC Heart Failure</i> , 2020, 7, 4478-4487.	1.4	15
125	Diagnostic value of echocardiographic markers for diastolic dysfunction and heart failure with preserved ejection fraction. <i>Heart Failure Reviews</i> , 2022, 27, 207-218.	1.7	15
126	Nitric oxide: the missing lusitrope in failing myocardium. <i>European Heart Journal</i> , 2008, 29, 2453-2455.	1.0	14



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127	Polishing the diastolic dysfunction measurement stick. <i>European Journal of Echocardiography</i> , 2008, 9, 575-577.	2.3	14
128	Diastolic and systolic heart failure: Different stages or distinct phenotypes of the heart failure syndrome?. <i>Current Heart Failure Reports</i> , 2009, 6, 281-286.	1.3	14
129	Heart failure with preserved ejection fraction: a nephrologist-directed primer. <i>Heart Failure Reviews</i> , 2017, 22, 765-773.	1.7	14
130	Myocardial Contractile Effects of L-Arginine in the Human Allograft. <i>Journal of the American College of Cardiology</i> , 1997, 29, 1332-1338.	1.2	13
131	The future diagnosis of heart failure with normal ejection fraction: less imaging, more biomarkers?. <i>European Journal of Heart Failure</i> , 2011, 13, 1043-1045.	2.9	13
132	Myocardial fibrosis blunts nitric oxide synthase-related preload reserve in human dilated cardiomyopathy. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2003, 284, H10-H16.	1.5	12
133	The Basement Membrane of Intramyocardial Capillaries Is Thickened in Patients with Acute Myocardial Infarction. <i>Journal of Vascular Research</i> , 2010, 47, 54-60.	0.6	12
134	Sex differences in circulating proteins in heart failure with preserved ejection fraction. <i>Biology of Sex Differences</i> , 2020, 11, 47.	1.8	12
135	Paracrine coronary endothelial modulation of diastolic left ventricular function in man: Implications for diastolic heart failure. <i>Journal of Cardiac Failure</i> , 1996, 2, S155-S164.	0.7	11
136	Low-grade inflammation and endothelial dysfunction explain the association between retinopathy and left ventricular ejection fraction in men: an 8-year follow-up of the Hoorn Study. <i>Journal of Diabetes and Its Complications</i> , 2014, 28, 819-823.	1.2	11
137	Molecular and pathophysiological links between heart failure with preserved ejection fraction and type 2 diabetes mellitus. <i>European Journal of Heart Failure</i> , 2018, 20, 1649-1652.	2.9	11
138	Cellular Mechanisms for Diastolic Dysfunction in the Human Heart. <i>Current Pharmaceutical Biotechnology</i> , 2012, 13, 2532-2538.	0.9	11
139	Iconoclasts topple adaptive myocardial hypertrophy in aortic stenosis The opinions expressed in this article are not necessarily those of the Editors of the <i>European Heart Journal</i> or of the <i>European Society of Cardiology</i> . <i>European Heart Journal</i> , 2005, 26, 1697-1699.	1.0	10
140	Myocardial infarction induces atrial inflammation that can be prevented by C1-esterase inhibitor. <i>Journal of Clinical Pathology</i> , 2016, 69, 1093-1099.	1.0	10
141	Microvascular Paradigm in Heart Failure With Preserved Ejection Fraction. <i>Circulation: Heart Failure</i> , 2017, 10, .	1.6	9
142	Myocardial Contractile Effects of Nitric Oxide. , 2004, , 33-45.		8
143	Treatment of Heart Failure With Normal Ejection Fraction. <i>Current Treatment Options in Cardiovascular Medicine</i> , 2011, 13, 26-34.	0.4	8
144	Phosphodiesterase-5 inhibition in heart failure with preserved ejection fraction: trading therapy for prevention. <i>European Journal of Heart Failure</i> , 2017, 19, 337-339.	2.9	8

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145	Phenotypic Persistence in Heart Failure With Preserved Ejection Fraction. <i>Circulation: Heart Failure</i> , 2019, 12, e005956.	1.6	8
146	Cellular mechanisms for diastolic dysfunction in the human heart. <i>Current Pharmaceutical Biotechnology</i> , 2012, 13, 2532-8.	0.9	8
147	The dialogue between diabetes and diastole. <i>European Journal of Heart Failure</i> , 2009, 11, 3-5.	2.9	7
148	Cellular Mechanisms for Diastolic Dysfunction in the Human Heart. <i>Current Pharmaceutical Biotechnology</i> , 2012, 13, 2532-2538.	0.9	7
149	CrossTalk opposing view: The late sodium current is not an important player in the development of diastolic heart failure (heart failure with a preserved ejection fraction). <i>Journal of Physiology</i> , 2014, 592, 415-417.	1.3	7
150	Normal resting pulmonary artery wedge pressure: a diagnostic trap for heart failure with preserved ejection fraction. <i>European Journal of Heart Failure</i> , 2015, 17, 132-134.	2.9	7
151	p47phox-Dependent Reactive Oxygen Species Stimulate Nuclear Translocation of the FoxO1 Transcription Factor During Metabolic Inhibition in Cardiomyoblasts. <i>Cell Biochemistry and Biophysics</i> , 2018, 76, 401-410.	0.9	7
152	Failure of myocardial inactivation: a clinical assessment in the hypertrophied heart. , 1992, 87 Suppl 2, 145-161.		5
153	Turning the Retrospectroscope on Heart Failure With Preserved Ejection Fraction. <i>Journal of Cardiac Failure</i> , 2016, 22, 1023-1027.	0.7	4
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