

Frank Edelmann

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.

96 papers	3,824 citations	27 h-index	61 g-index
102 ext. papers	5,347 ext. citations	6.7 avg, IF	4.87 L-index

#	Paper	IF	Citations
96	Left atrial strain predicts exercise capacity in heart failure independently of left ventricular ejection fraction.. <i>ESC Heart Failure</i> , 2022 ,	3.7	3
95	Erhalt von Leistungsfähigkeit und Lebensqualität bei chronischer Herzinsuffizienz. <i>Kardiologie</i> , 2022 , 16, 185-196	0.6	0
94	Iron Deficiency Impacts Diastolic Function, Aerobic Exercise Capacity, and Patient Phenotyping in Heart Failure With Preserved Ejection Fraction: A Subanalysis of the OptimEx-Clin Study.. <i>Frontiers in Physiology</i> , 2021 , 12, 757268	4.6	0
93	Effect of Sacubitril/Valsartan vs Standard Medical Therapies on Plasma NT-proBNP Concentration and Submaximal Exercise Capacity in Patients With Heart Failure and Preserved Ejection Fraction: The PARALLAX Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2021 , 326, 1919-1929	27.4	10
92	NT-proBNP as a marker for atrial fibrillation and heart failure in four observational outpatient trials. <i>ESC Heart Failure</i> , 2021 ,	3.7	3
91	Biomarker-based assessment of collagen cross-linking identifies patients at risk of heart failure more likely to benefit from spironolactone effects on left atrial remodelling. Insights from the HOMAGE clinical trial. <i>European Journal of Heart Failure</i> , 2021 ,	12.3	2
90	The effect of spironolactone on cardiovascular function and markers of fibrosis in people at increased risk of developing heart failure: the heart TOMicsTin AGEing (HOMAGE) randomized clinical trial. <i>European Heart Journal</i> , 2021 , 42, 684-696	9.5	23
89	Spironolactone effect on the blood pressure of patients at risk of developing heart failure: an analysis from the HOMAGE trial. <i>European Heart Journal - Cardiovascular Pharmacotherapy</i> , 2021 ,	6.4	1
88	Proteomic and Mechanistic Analysis of Spironolactone in Patients at Risk for HF. <i>JACC: Heart Failure</i> , 2021 , 9, 268-277	7.9	13
87	Performance of a cardiac lipid panel compared to four prognostic scores in chronic heart failure. <i>Scientific Reports</i> , 2021 , 11, 8164	4.9	2
86	Serum creatinine and cystatin C-based estimates of glomerular filtration rate are misleading in acute heart failure. <i>ESC Heart Failure</i> , 2021 , 8, 3070-3081	3.7	3
85	Clinical Outcomes and Response to Vericiguat According to Index Heart Failure Event: Insights From the VICTORIA Trial. <i>JAMA Cardiology</i> , 2021 , 6, 706-712	16.2	12
84	Proteomics to improve phenotyping in obese patients with heart failure with preserved ejection fraction. <i>European Journal of Heart Failure</i> , 2021 , 23, 1633-1644	12.3	4
83	Improving exercise capacity and quality of life using non-invasive heart failure treatments: evidence from clinical trials. <i>European Journal of Heart Failure</i> , 2021 , 23, 92-113	12.3	21
82	Left atrial function and maximal exercise capacity in heart failure with preserved and mid-range ejection fraction. <i>ESC Heart Failure</i> , 2021 , 8, 116-128	3.7	4
81	OUTSTEP-HF: randomised controlled trial comparing short-term effects of sacubitril/valsartan versus enalapril on daily physical activity in patients with chronic heart failure with reduced ejection fraction. <i>European Journal of Heart Failure</i> , 2021 , 23, 127-135	12.3	16
80	Effect of High-Intensity Interval Training, Moderate Continuous Training, or Guideline-Based Physical Activity Advice on Peak Oxygen Consumption in Patients With Heart Failure With Preserved Ejection Fraction: A Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2021 , 325, 542-551	27.4	39

79	The diagnostic and prognostic value of galectin-3 in patients at risk for heart failure with preserved ejection fraction: results from the DIAST-CHF study. <i>ESC Heart Failure</i> , 2021 , 8, 829-841	3.7	8
78	Myocardial deformation assessed among heart failure entities by cardiovascular magnetic resonance imaging. <i>ESC Heart Failure</i> , 2021 , 8, 890-897	3.7	2
77	Omega-3 fatty acid blood levels are inversely associated with cardiometabolic risk factors in HFpEF patients: the Aldo-DHF randomized controlled trial. <i>Clinical Research in Cardiology</i> , 2021 , 1	6.1	2
76	Lipid Metabolite Biomarkers in Cardiovascular Disease: Discovery and Biomechanism Translation from Human Studies. <i>Metabolites</i> , 2021 , 11,	5.6	6
75	miR-181c level predicts response to exercise training in patients with heart failure and preserved ejection fraction: an analysis of the OptimEx-Clin trial. <i>European Journal of Preventive Cardiology</i> , 2021 ,	3.9	4
74	Discordance between estimated and measured changes in plasma volume among patients with acute heart failure. <i>ESC Heart Failure</i> , 2021 ,	3.7	3
73	Rationale and study design of OUTSTEP-HF: a randomised controlled study to assess the effect of sacubitril/valsartan and enalapril on physical activity measured by accelerometry in patients with heart failure with reduced ejection fraction. <i>European Journal of Heart Failure</i> , 2020 , 22, 1724-1733	12.3	5
72	How to diagnose heart failure with preserved ejection fraction: the HFA-PEFF diagnostic algorithm: a consensus recommendation from the Heart Failure Association (HFA) of the European Society of Cardiology (ESC). <i>European Journal of Heart Failure</i> , 2020 , 22, 391-412	12.3	84
71	Variability of Myocardial Strain During Isometric Exercise in Subjects With and Without Heart Failure. <i>Frontiers in Cardiovascular Medicine</i> , 2020 , 7, 111	5.4	3
70	Economic impact of heart failure with preserved ejection fraction: insights from the ALDO-DHF trial. <i>ESC Heart Failure</i> , 2020 , 7, 786-793	3.7	4
69	Inferior vena cava ultrasound in acute decompensated heart failure: design rationale of the CAVA-ADHF-DZHK10 trial. <i>ESC Heart Failure</i> , 2020 , 7, 973-983	3.7	4
68	Syncopes and clinical outcome in heart failure: results from prospective clinical study data in Germany. <i>ESC Heart Failure</i> , 2020 , 7, 942-952	3.7	1
67	Predictive value of metabolomic biomarkers for cardiovascular disease risk: a systematic review and meta-analysis. <i>Biomarkers</i> , 2020 , 25, 101-111	2.6	11
66	Suppression of Tumourigenicity 2 in Heart Failure With Preserved Ejection Fraction. <i>Cardiac Failure Review</i> , 2020 , 6, 1-7	4.2	1
65	Outcome assessment using estimation of left ventricular filling pressure in asymptomatic patients at risk for heart failure with preserved ejection fraction. <i>IJC Heart and Vasculature</i> , 2020 , 28, 100525	2.4	0
64	Higher galectin-3 levels are independently associated with lower anxiety in patients with risk factors for heart failure. <i>BioPsychoSocial Medicine</i> , 2020 , 14, 24	2.8	
63	Incremental prognostic value of a novel metabolite-based biomarker score in congestive heart failure patients. <i>ESC Heart Failure</i> , 2020 , 7, 3029-3039	3.7	5
62	Phosphodiesterase 5 inhibitor sildenafil in patients with heart failure with preserved ejection fraction and combined pre- and postcapillary pulmonary hypertension: a randomized open-label pilot study. <i>BMC Cardiovascular Disorders</i> , 2020 , 20, 408	2.3	11

61	A Random Shuffle Method to Expand a Narrow Dataset and Overcome the Associated Challenges in a Clinical Study: A Heart Failure Cohort Example. <i>Frontiers in Cardiovascular Medicine</i> , 2020 , 7, 599923	5.4	1
60	How to diagnose heart failure with preserved ejection fraction: the HFA-PEFF diagnostic algorithm: a consensus recommendation from the Heart Failure Association (HFA) of the European Society of Cardiology (ESC). <i>European Heart Journal</i> , 2019 , 40, 3297-3317	9.5	379
59	Higher plasma levels of CT-proAVP are linked to less anxiety in men but not women with cardiovascular risk factors: Results from the observational Diast-CHF study. <i>Psychoneuroendocrinology</i> , 2019 , 101, 272-277	5	3
58	Morbidity and mortality in patients with cardiovascular risk factors and obstructive sleep apnoea: results from the DIAST-CHF cohort. <i>Respiratory Medicine</i> , 2019 , 154, 127-132	4.6	4
57	Heterogeneous Metabolic Response to Exercise Training in Heart Failure with Preserved Ejection Fraction. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	3
56	Exercise training in patients with a left ventricular assist device (Ex-VAD): rationale and design of a multicentre, prospective, assessor-blinded, randomized, controlled trial. <i>European Journal of Heart Failure</i> , 2019 , 21, 1152-1159	12.3	7
55	Motivational interviewing can support physical activity in elderly patients with diastolic heart failure: results from a pilot study. <i>ESC Heart Failure</i> , 2019 , 6, 658-666	3.7	8
54	Vitamin D deficiency in patients with diastolic dysfunction or heart failure with preserved ejection fraction. <i>ESC Heart Failure</i> , 2019 , 6, 262-270	3.7	16
53	CMR Tissue Characterization in Patients with HFmrEF. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	13
52	Range Variability in CMR Feature Tracking Multilayer Strain across Different Stages of Heart Failure. <i>Scientific Reports</i> , 2019 , 9, 16478	4.9	11
51	Anti- α -Adrenoreceptor auto-Antibodies in elderly heart failure patients. <i>Frontiers in Bioscience - Landmark</i> , 2019 , 24, 1037-1049	2.8	2
50	Diastolic stress test echocardiography in patients with suspected heart failure with preserved ejection fraction: a pilot study. <i>ESC Heart Failure</i> , 2019 , 6, 146-153	3.7	19
49	Prognostic performance of serial in-hospital measurements of copeptin and multiple novel biomarkers among patients with worsening heart failure: results from the MOLITOR study. <i>ESC Heart Failure</i> , 2018 , 5, 288-296	3.7	17
48	Biomarker-based phenotyping of myocardial fibrosis identifies patients with heart failure with preserved ejection fraction resistant to the beneficial effects of spironolactone: results from the Aldo-DHF trial. <i>European Journal of Heart Failure</i> , 2018 , 20, 1290-1299	12.3	42
47	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 (DROP-PIP trial). <i>European Journal of Heart Failure</i> , 2018 , 20, 460-470	12.3	16
46	Rationale and design of a multicentre, randomized, placebo-controlled trial of mirabegron, a Beta3-adrenergic receptor agonist on left ventricular mass and diastolic function in patients with structural heart disease Beta3-left ventricular hypertrophy (Beta3-LVH). <i>ESC Heart Failure</i> , 2018 , 5, 830-841	3.7	20
45	A Randomized Controlled Trial to Evaluate the Safety and Efficacy of Cardiac Contractility Modulation. <i>JACC: Heart Failure</i> , 2018 , 6, 874-883	7.9	91
44	Efficacy of telemedical interventional management in patients with heart failure (TIM-HF2): a randomised, controlled, parallel-group, unmasked trial. <i>Lancet, The</i> , 2018 , 392, 1047-1057	4.0	262

43	Early detection of cardiac alterations by left atrial strain in patients with risk for cardiac abnormalities with preserved left ventricular systolic and diastolic function. <i>International Journal of Cardiovascular Imaging</i> , 2018 , 34, 701-711	2.5	12
42	Amount or intensity? Potential targets of exercise interventions in patients with heart failure with preserved ejection fraction. <i>ESC Heart Failure</i> , 2018 , 5, 53-62	3.7	10
41	Potential Usefulness and Clinical Relevance of Adding Left Atrial Strain to Left Atrial Volume Index in the Detection of Left Ventricular Diastolic Dysfunction. <i>JACC: Cardiovascular Imaging</i> , 2018 , 11, 1405-1415	8.4	103
40	Lower limit of normality and clinical relevance of left ventricular early diastolic strain rate for the detection of left ventricular diastolic dysfunction. <i>European Heart Journal Cardiovascular Imaging</i> , 2018 , 19, 905-915	4.1	13
39	Chronic Heart Failure. <i>Deutsches Arzteblatt International</i> , 2018 , 115, 124-130	2.5	16
38	Normal range and usefulness of right ventricular systolic strain to detect subtle right ventricular systolic abnormalities in patients with heart failure: a multicentre study. <i>European Heart Journal Cardiovascular Imaging</i> , 2017 , 18, 212-223	4.1	70
37	Arterial stiffness and elevated left ventricular filling pressure in patients at risk for the development of a previous diagnosis of HF-A subgroup analysis from the DIAST-CHF study. <i>Journal of the American Society of Hypertension</i> , 2017 , 11, 303-313		13
36	Prognostic impact of diastolic dysfunction in systolic heart failure-A cross-project analysis from the German Competence Network Heart Failure. <i>Clinical Cardiology</i> , 2017 , 40, 667-673	3.3	12
35	Exercise training in Diastolic Heart Failure (Ex-DHF): rationale and design of a multicentre, prospective, randomized, controlled, parallel group trial. <i>European Journal of Heart Failure</i> , 2017 , 19, 1067-1074	12.3	25
34	Left ventricular longitudinal systolic function analysed by 2D speckle-tracking echocardiography in heart failure with preserved ejection fraction: a meta-analysis. <i>Open Heart</i> , 2017 , 4, e000630	3	42
33	NT-proBNP and diastolic left ventricular function in patients with Marfan syndrome. <i>IJC Heart and Vasculature</i> , 2016 , 12, 15-20	2.4	6
32	Poor self-rated health predicts mortality in patients with stable chronic heart failure. <i>European Journal of Cardiovascular Nursing</i> , 2016 , 15, 504-512	3.3	11
31	Tolerability and Feasibility of Beta-Blocker Titration in HFpEF Versus HFrEF: Insights From the CIBIS-ELD Trial. <i>JACC: Heart Failure</i> , 2016 , 4, 140-149	7.9	38
30	Estimating fat mass in heart failure patients. <i>Archives of Medical Sciences Atherosclerotic Diseases</i> , 2016 , 1, e78-e89	0.9	1
29	Effect of Escitalopram on All-Cause Mortality and Hospitalization in Patients With Heart Failure and Depression: The MOOD-HF Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2016 , 315, 2683-93	27.4	145
28	Clinical Relevance of Left Atrial Strain to Predict Recurrence of Atrial Fibrillation after Catheter Ablation: A Meta-Analysis. <i>Echocardiography</i> , 2016 , 33, 724-33	1.5	21
27	Higher plasma levels of MR-pro-atrial natriuretic peptide are linked to less anxiety: results from the observational DIAST-CHF study. <i>Clinical Research in Cardiology</i> , 2015 , 104, 574-81	6.1	13
26	Should procalcitonin be measured routinely in acute decompensated heart failure?. <i>Biomarkers in Medicine</i> , 2015 , 9, 651-9	2.3	12

25	Galectin-3 in patients with heart failure with preserved ejection fraction: results from the Aldo-DHF trial. <i>European Journal of Heart Failure</i> , 2015 , 17, 214-23	12.3	100
24	Plasma mid-regional pro-adrenomedullin levels are inversely associated with anxiety but unrelated to depression: Results from the observational DIAST-CHF study in patients with cardiovascular risk factors. <i>Psychoneuroendocrinology</i> , 2015 , 62, 227-32	5	6
23	Natriuretic peptides for the detection of paroxysmal atrial fibrillation. <i>Open Heart</i> , 2015 , 2, e000182	3	20
22	Effects of exercise training on different quality of life dimensions in heart failure with preserved ejection fraction: the Ex-DHF-P trial. <i>European Journal of Preventive Cardiology</i> , 2015 , 22, 582-93	3.9	60
21	Elevated Plasma C-Terminal Endothelin-1 Precursor Fragment Concentrations Are Associated with Less Anxiety in Patients with Cardiovascular Risk Factors. Results from the Observational DIAST-CHF Study. <i>PLoS ONE</i> , 2015 , 10, e0136739	3.7	4
20	Myocardial hypertrophy and its role in heart failure with preserved ejection fraction. <i>Journal of Applied Physiology</i> , 2015 , 119, 1233-42	3.7	74
19	Diagnosis of heart failure with preserved ejection fraction. <i>Heart Failure Clinics</i> , 2014 , 10, 399-406	3.3	18
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, 2797-815	9.5	231
17	Associations of methylarginines and homoarginine with diastolic dysfunction and cardiovascular risk factors in patients with preserved left ventricular ejection fraction. <i>Journal of Cardiac Failure</i> , 2014 , 20, 923-30	3.3	28
16	Effects of long-term endurance and resistance training on diastolic function, exercise capacity, and quality of life in asymptomatic diastolic dysfunction vs. heart failure with preserved ejection fraction. <i>ESC Heart Failure</i> , 2014 , 1, 59-74	3.7	11
15	Utilization of galectin-3 in case management across the spectrum of heart failure. <i>Reviews in Cardiovascular Medicine</i> , 2014 , 15, 197-207	3.9	
14	Differential interaction of clinical characteristics with key functional parameters in heart failure with preserved ejection fraction--results of the Aldo-DHF trial. <i>International Journal of Cardiology</i> , 2013 , 169, 408-17	3.2	27
13	Galectin-3 in heart failure with preserved ejection fraction. <i>European Journal of Heart Failure</i> , 2013 , 15, 1095-101	12.3	72
12	Determinants of change in quality of life in the Cardiac Insufficiency Bisoprolol Study in Elderly (CIBIS-ELD). <i>European Journal of Internal Medicine</i> , 2013 , 24, 333-8	3.9	11
11	Effect of spironolactone on diastolic function and exercise capacity in patients with heart failure with preserved ejection fraction: the Aldo-DHF randomized controlled trial. <i>JAMA - Journal of the American Medical Association</i> , 2013 , 309, 781-91	27.4	457
10	Serum aldosterone and its relationship to left ventricular structure and geometry in patients with preserved left ventricular ejection fraction. <i>European Heart Journal</i> , 2012 , 33, 203-12	9.5	63
9	Exercise training improves exercise capacity and diastolic function in patients with heart failure with preserved ejection fraction: results of the Ex-DHF (Exercise training in Diastolic Heart Failure) pilot study. <i>Journal of the American College of Cardiology</i> , 2011 , 58, 1780-91	15.1	406
8	Impaired physical quality of life in patients with diastolic dysfunction associates more strongly with neurohumoral activation than with echocardiographic parameters: quality of life in diastolic dysfunction. <i>American Heart Journal</i> , 2011 , 161, 797-804	4.9	25

7	Contribution of comorbidities to functional impairment is higher in heart failure with preserved than with reduced ejection fraction. <i>Clinical Research in Cardiology</i> , 2011 , 100, 755-64	6.1	80
6	Heart failure therapy in diabetic patients-comparison with the recent ESC/EASD guideline. <i>Cardiovascular Diabetology</i> , 2011 , 10, 15	8.7	5
5	Titration to target dose of bisoprolol vs. carvedilol in elderly patients with heart failure: the CIBIS-ELD trial. <i>European Journal of Heart Failure</i> , 2011 , 13, 670-80	12.3	124
4	The novel biomarker growth differentiation factor 15 in heart failure with normal ejection fraction. <i>European Journal of Heart Failure</i> , 2010 , 12, 1309-16	12.3	89
3	A network against failing hearts--introducing the German "Competence Network Heart Failure". <i>International Journal of Cardiology</i> , 2010 , 145, 135-8	3.2	32
2	Rationale and design of the Aldosterone receptor blockade in diastolic heart failure trial: a double-blind, randomized, placebo-controlled, parallel group study to determine the effects of spironolactone on exercise capacity and diastolic function in patients with symptomatic diastolic heart failure (Aldo-DHF). <i>European Journal of Heart Failure</i> , 2010 , 12, 874-82	12.3	50
1	Bisoprolol vs. carvedilol in elderly patients with heart failure: rationale and design of the CIBIS-ELD trial. <i>Clinical Research in Cardiology</i> , 2008 , 97, 578-86	6.1	42