

Vojtech Melenovsky

List of Publications by Year in descending order

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Version: 2024-02-01

185
papers

12,363
citations

50276

46
h-index

26613

107
g-index

194
all docs

194
docs citations

194
times ranked

11651
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanisms, Pathophysiology, and Therapy of Arterial Stiffness. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2005, 25, 932-943.	2.4	1,451
2	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.	2.2	944
3	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
4	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
5	Right heart dysfunction in heart failure with preserved ejection fraction. <i>European Heart Journal</i> , 2014, 35, 3452-3462.	2.2	491
6	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.	2.8	425
7	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
8	Left Atrial Remodeling and Function in Advanced Heart Failure With Preserved or Reduced Ejection Fraction. <i>Circulation: Heart Failure</i> , 2015, 8, 295-303.	3.9	345
9	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.	2.8	280
10	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.	7.1	275
11	Abnormal right ventricular-pulmonary artery coupling with exercise in heart failure with preserved ejection fraction. <i>European Heart Journal</i> , 2016, 37, 3293-3302.	2.2	259
12	Heart failure after myocardial infarction: incidence and predictors. <i>ESC Heart Failure</i> , 2021, 8, 222-237.	3.1	243
13	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.	2.8	233
14	High-Output Heart Failure. <i>Journal of the American College of Cardiology</i> , 2016, 68, 473-482.	2.8	199
15	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.	2.8	195
16	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.	7.1	193
17	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.	2.2	190
18	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.	2.8	188

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19	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.	7.1	180
20	Haemodynamics, dyspnoea, and pulmonary reserve in heart failure with preserved ejection fraction. <i>European Heart Journal</i> , 2018, 39, 2810-2821.	2.2	180
21	Advanced glycation endproduct crosslink breaker (alagebrium) improves endothelial function in patients with isolated systolic hypertension. <i>Journal of Hypertension</i> , 2007, 25, 577-583.	0.5	176
22	Differential Hemodynamic Effects of Exercise and Volume Expansion in People With and Without Heart Failure. <i>Circulation: Heart Failure</i> , 2015, 8, 41-48.	3.9	167
23	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.	2.2	165
24	Sildenafil Inhibits β^2 -Adrenergic-Stimulated Cardiac Contractility in Humans. <i>Circulation</i> , 2005, 112, 2642-2649.	1.6	161
25	The haemodynamic basis of lung congestion during exercise in heart failure with preserved ejection fraction. <i>European Heart Journal</i> , 2019, 40, 3721-3730.	2.2	155
26	Longitudinal Changes in Left Ventricular Stiffness. <i>Circulation: Heart Failure</i> , 2013, 6, 944-952.	3.9	140
27	Inhaled Sodium Nitrite Improves Rest and Exercise Hemodynamics in Heart Failure With Preserved Ejection Fraction. <i>Circulation Research</i> , 2016, 119, 880-886.	4.5	133
28	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.	4.1	132
29	Both fenofibrate and atorvastatin improve vascular reactivity in combined hyperlipidaemia (fenofibrate versus atorvastatin trial "FAT"). <i>Cardiovascular Research</i> , 2001, 52, 290-298.	3.8	131
30	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.	2.8	131
31	Short-Term Effects of Right-Left Heart Sequential Cardiac Resynchronization in Patients With Heart Failure, Chronic Atrial Fibrillation, and Atrioventricular Nodal Block. <i>Circulation</i> , 2004, 110, 3404-3410.	1.6	120
32	High Basal Metabolic Rate Is a Risk Factor for Mortality: The Baltimore Longitudinal Study of Aging. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2008, 63, 698-706.	3.6	120
33	Lung congestion in chronic heart failure: haemodynamic, clinical, and prognostic implications. <i>European Journal of Heart Failure</i> , 2015, 17, 1161-1171.	7.1	109
34	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.	2.8	106
35	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.	2.2	93
36	Enhanced Pulmonary Vasodilator Reserve and Abnormal Right Ventricular. <i>Circulation: Heart Failure</i> , 2015, 8, 542-550.	3.9	83

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37	Percutaneous Pericardial Resection. <i>Circulation: Heart Failure</i> , 2017, 10, e003612.	3.9	72
38	Impact of General and Central Adiposity on Ventricular-Arterial Aging in Women and Men. <i>JACC: Heart Failure</i> , 2014, 2, 489-499.	4.1	70
39	Transpulmonary B-Type Natriuretic Peptide Uptake and Cyclic Guanosine Monophosphate Release in Heart Failure and Pulmonary Hypertension. <i>Journal of the American College of Cardiology</i> , 2009, 54, 595-600.	2.8	65
40	Lipolytic Effects of B-Type Natriuretic Peptide ¹⁻³² in Adipose Tissue of Heart Failure Patients Compared With Healthy Controls. <i>Journal of the American College of Cardiology</i> , 2011, 58, 1119-1125.	2.8	60
41	Association of Fibroblast Growth Factor-23 Levels and Angiotensin-Converting Enzyme Inhibition in Chronic Systolic Heart Failure. <i>JACC: Heart Failure</i> , 2015, 3, 829-839.	4.1	59
42	Folate supplementation prevents plasma homocysteine increase after fenofibrate therapy. <i>Nutrition</i> , 2001, 17, 721-723.	2.4	57
43	Comparison of the effects of atorvastatin or fenofibrate on nonlipid biochemical risk factors and the LDL particle size in subjects with combined hyperlipidemia. <i>American Heart Journal</i> , 2002, 144, E6.	2.7	56
44	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.	2.2	54
45	Analysis of immune cell populations in atrial myocardium of patients with atrial fibrillation or sinus rhythm. <i>PLoS ONE</i> , 2017, 12, e0172691.	2.5	52
46	Effect of metformin therapy on cardiac function and survival in a volume-overload model of heart failure in rats. <i>Clinical Science</i> , 2011, 121, 29-41.	4.3	50
47	Metabolic characterization of volume overload heart failure due to aorto-caval fistula in rats. <i>Molecular and Cellular Biochemistry</i> , 2011, 354, 83-96.	3.1	50
48	Myocardial ketone body utilization in patients with heart failure: The impact of oral ketone ester. <i>Metabolism: Clinical and Experimental</i> , 2021, 115, 154452.	3.4	48
49	The sex-specific impact of systolic hypertension and systolic blood pressure on arterial-ventricular coupling at rest and during exercise. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2008, 295, H145-H153.	3.2	47
50	The neurohormonal basis of pulmonary hypertension in heart failure with preserved ejection fraction. <i>European Heart Journal</i> , 2019, 40, 3707-3717.	2.2	47
51	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.	4.1	46
52	Estimation of central pressure augmentation using automated radial artery tonometry. <i>Journal of Hypertension</i> , 2007, 25, 1403-1409.	0.5	44
53	Skeletal Muscle Abnormalities and Iron Deficiency in Chronic Heart Failure. <i>Circulation: Heart Failure</i> , 2018, 11, e004800.	3.9	44
54	A Randomized Pilot Study of Aortic Waveform Guided Therapy in Chronic Heart Failure. <i>Journal of the American Heart Association</i> , 2014, 3, e000745.	3.7	41

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55	Inhibition of soluble epoxide hydrolase counteracts the development of renal dysfunction and progression of congestive heart failure in α 2 transgenic hypertensive rats with aorto-caval fistula. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2015, 42, 795-807.	1.9	41
56	Mechanisms involved in heart rate turbulence. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2002, 6, 262-266.	1.0	40
57	Hemodynamics and Autonomic Control of Heart Rate Turbulence. <i>Journal of Cardiovascular Electrophysiology</i> , 2006, 17, 286-291.	1.7	40
58	The Course of Heart Failure Development and Mortality in Rats with Volume Overload due to Aorto-Caval Fistula. <i>Kidney and Blood Pressure Research</i> , 2012, 35, 167-173.	2.0	40
59	Proteomic and transcriptomic analysis of heart failure due to volume overload in a rat aorto-caval fistula model provides support for new potential therapeutic targets - monoamine oxidase A and transglutaminase 2. <i>Proteome Science</i> , 2011, 9, 69.	1.7	39
60	The effects of phosphodiesterase 5 inhibition on hemodynamics, functional status and survival in advanced heart failure and pulmonary hypertension: A case-control study. <i>International Journal of Cardiology</i> , 2013, 168, 60-65.	1.7	34
61	Noninvasive evaluation of pulmonary artery pressure during exercise: the importance of right atrial hypertension. <i>European Respiratory Journal</i> , 2020, 55, 1901617.	6.7	33
62	Effect of atorvastatin and fenofibrate on autonomic tone in subjects with combined hyperlipidemia. <i>American Journal of Cardiology</i> , 2003, 92, 337-341.	1.6	31
63	Repeatability of noninvasive surrogates of endothelial function. <i>American Journal of Cardiology</i> , 2004, 94, 693-696.	1.6	30
64	Myocardial Morphological Characteristics and Proarrhythmic Substrate in the Rat Model of Heart Failure Due to Chronic Volume Overload. <i>Anatomical Record</i> , 2011, 294, 102-111.	1.4	29
65	Bioptic Study of Left and Right Atrial Interstitium in Cardiac Patients with and without Atrial Fibrillation: Interatrial but Not Rhythm-Based Differences. <i>PLoS ONE</i> , 2015, 10, e0129124.	2.5	27
66	Impact of chronic changes in arterial compliance and resistance on left ventricular ageing in humans. <i>European Journal of Heart Failure</i> , 2015, 17, 27-34.	7.1	27
67	Early detection of cardiac allograft vasculopathy using highly automated 3-dimensional optical coherence tomography analysis. <i>Journal of Heart and Lung Transplantation</i> , 2018, 37, 992-1000.	0.6	26
68	Kidney Response to Heart Failure: Proteomic Analysis of Cardiorenal Syndrome. <i>Kidney and Blood Pressure Research</i> , 2018, 43, 1437-1450.	2.0	25
69	Independent effect of atrial fibrillation on natriuretic peptide release. <i>Clinical Research in Cardiology</i> , 2019, 108, 142-149.	3.3	25
70	Dysregulation of epicardial adipose tissue in cachexia due to heart failure: the role of natriuretic peptides and cardiopilin. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2020, 11, 1614-1627.	7.3	24
71	Innate Lymphoid Cells Play a Pathogenic Role in Pericarditis. <i>Cell Reports</i> , 2020, 30, 2989-3003.e6.	6.4	24
72	Desminopathy: Novel Desmin Variants, a New Cardiac Phenotype, and Further Evidence for Secondary Mitochondrial Dysfunction. <i>Journal of Clinical Medicine</i> , 2020, 9, 937.	2.4	24

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73	Changes in Myocardial Composition and Conduction Properties in Rat Heart Failure Model Induced by Chronic Volume Overload. <i>Frontiers in Physiology</i> , 2016, 7, 367.	2.8	23
74	Aortic Waveform Analysis to Individualize Treatment in Heart Failure. <i>Circulation: Heart Failure</i> , 2017, 10, .	3.9	23
75	Comparison of Cystatin C and NGAL in Early Diagnosis of Acute Kidney Injury After Heart Transplantation. <i>Annals of Transplantation</i> , 2016, 21, 329-245.	0.9	23
76	Effect of folic acid on fenofibrate-induced elevation of homocysteine and cysteine. <i>American Heart Journal</i> , 2003, 146, 110A-115A.	2.7	22
77	Relation between actual heart rate and autonomic effects of beta blockade in healthy men. <i>American Journal of Cardiology</i> , 2005, 95, 999-1002.	1.6	22
78	Novel insights into pretransplant allosensitization in heart transplant recipients in the contemporary era of immunosuppression and rejection surveillance. <i>Transplant International</i> , 2016, 29, 63-72.	1.6	22
79	The Role of GDF-15 in Heart Failure Patients With Chronic Kidney Disease. <i>Canadian Journal of Cardiology</i> , 2019, 35, 462-470.	1.7	22
80	Uncoupling between intravascular and distending pressures leads to underestimation of circulatory congestion in obesity. <i>European Journal of Heart Failure</i> , 2022, 24, 353-361.	7.1	22
81	Fully Automated Ultrasensitive Digital Immunoassay for Cardiac Troponin I Based on Single Molecule Array Technology. <i>Clinical Chemistry</i> , 2015, 61, 1283-1291.	3.2	21
82	Resting and Exercise-Induced Left Atrial Hypertension in Patients With Atrial Fibrillation. <i>JACC: Clinical Electrophysiology</i> , 2017, 3, 461-469.	3.2	21
83	Right versus left ventricular remodeling in heart failure due to chronic volume overload. <i>Scientific Reports</i> , 2021, 11, 17136.	3.3	21
84	Hemoglobin and Clinical Outcomes in the Vericiguat Global Study in Patients With Heart Failure and Reduced Ejection Fraction (VICTORIA). <i>Circulation</i> , 2021, 144, 1489-1499.	1.6	21
85	Myocardial iron homeostasis and hepcidin expression in a rat model of heart failure at different levels of dietary iron intake. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2019, 1863, 703-713.	2.4	20
86	Quantitative 3D Analysis of Coronary Wall Morphology in Heart Transplant Patients: OCT-Assessed Cardiac Allograft Vasculopathy Progression. <i>Medical Image Analysis</i> , 2018, 50, 95-105.	11.6	19
87	Use of the Frank-Starling mechanism during exercise is linked to exercise-induced changes in arterial load. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2012, 302, H349-H358.	3.2	18
88	Cardiac remodeling after reduction of high-flow arteriovenous fistulas in end-stage renal disease. <i>Hypertension Research</i> , 2016, 39, 654-659.	2.7	17
89	Successful Treatment of Iron-Overload Cardiomyopathy in Hereditary Hemochromatosis With Deferoxamine and Deferiprone. <i>Canadian Journal of Cardiology</i> , 2016, 32, 1574.e1-1574.e3.	1.7	17
90	Penetration of Antibiotics into the Pancreas in Rats: An Effect of Acute Necrotizing Pancreatitis. <i>Scandinavian Journal of Gastroenterology</i> , 1999, 34, 92-97.	1.5	15

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91	Mitochondrial Function, Skeletal Muscle Metabolism, and Iron Deficiency in Heart Failure. <i>Circulation</i> , 2019, 139, 2399-2402.	1.6	15
92	Orally active epoxyeicosatrienoic acid analog does not exhibit antihypertensive and reno- or cardioprotective actions in two-kidney, one-clip Goldblatt hypertensive rats. <i>Vascular Pharmacology</i> , 2015, 73, 45-56.	2.1	14
93	Altered Renal Vascular Responsiveness to Vasoactive Agents in Rats with Angiotensin II-Dependent Hypertension and Congestive Heart Failure. <i>Kidney and Blood Pressure Research</i> , 2019, 44, 792-809.	2.0	14
94	Coronary Artery Disease Is Associated with an Increased Amount of T Lymphocytes in Human Epicardial Adipose Tissue. <i>Mediators of Inflammation</i> , 2019, 2019, 1-9.	3.0	14
95	Acute Unloading Effects of Sildenafil Enhance Right Ventricular-Pulmonary Artery Coupling in Heart Failure. <i>Journal of Cardiac Failure</i> , 2021, 27, 224-232.	1.7	14
96	Glucose Homeostasis, Pancreatic Endocrine Function, and Outcomes in Advanced Heart Failure. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	13
97	Pulse wave analysis during supine rest may identify subjects with recurrent vasovagal syncope. <i>Clinical Science</i> , 2005, 109, 165-170.	4.3	12
98	Availability of energetic substrates and exercise performance in heart failure with or without diabetes. <i>European Journal of Heart Failure</i> , 2012, 14, 754-763.	7.1	12
99	Comparison of the effects of atorvastatin or fenofibrate on nonlipid biochemical risk factors and the LDL particle size in subjects with combined hyperlipidemia. <i>American Heart Journal</i> , 2002, 144, G1-G8.	2.7	11
100	Aortic dissection in a young man with Loeys-Dietz syndrome. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2008, 135, 1174-1175.e1.	0.8	11
101	Biphasic response in number of stem cells and endothelial progenitor cells after left ventricular assist device implantation: A 6 month follow-up. <i>International Journal of Cardiology</i> , 2016, 218, 98-103.	1.7	11
102	Deleterious Effects of Hyperactivity of the Renin-Angiotensin System and Hypertension on the Course of Chemotherapy-Induced Heart Failure after Doxorubicin Administration: A Study in Ren-2 Transgenic Rat. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9337.	4.1	11
103	Subclinical Pulmonary Congestion and Abnormal Hemodynamics in Heart Failure With Preserved Ejection Fraction. <i>JACC: Cardiovascular Imaging</i> , 2022, 15, 629-637.	5.3	10
104	Vericiguat and Health-Related Quality of Life in Patients With Heart Failure With Reduced Ejection Fraction: Insights From the VICTORIA Trial. <i>Circulation: Heart Failure</i> , 2022, 15, .	3.9	10
105	Clinical predictors of outcome in survivors of out-of-hospital cardiac arrest treated with hypothermia. <i>Cor Et Vasa</i> , 2012, 54, e68-e75.	0.1	9
106	Assessment of optimal right ventricular pacing site using invasive measurement of left ventricular systolic and diastolic function. <i>Europace</i> , 2013, 15, 1482-1490.	1.7	9
107	Pharmacological Blockade of Soluble Epoxide Hydrolase Attenuates the Progression of Congestive Heart Failure Combined With Chronic Kidney Disease: Insights From Studies With Fawn-Hooded Hypertensive Rats. <i>Frontiers in Pharmacology</i> , 2019, 10, 18.	3.5	9
108	Effects of renal sympathetic denervation on the course of congestive heart failure combined with chronic kidney disease: Insight from studies with fawn-hooded hypertensive rats with volume overload induced using aorto-caval fistula. <i>Clinical and Experimental Hypertension</i> , 2021, 43, 522-535.	1.3	9

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109	Trends in the treatment and survival of heart failure patients: a nationwide population-based study in the Czech Republic. ESC Heart Failure, 2021, 8, 3800-3808.	3.1	9
110	Cross-Spectral Analysis of Heart Rate and Blood Pressure Modulations. PACE - Pacing and Clinical Electrophysiology, 2000, 23, 1425-1430.	1.2	8
111	Interleukin-8 and atrial fibrillation. Europace, 2008, 10, 784-785.	1.7	8
112	Danon disease is an underdiagnosed cause of advanced heart failure in young female patients: a LAMP2 flow cytometric study. ESC Heart Failure, 2020, 7, 2534-2543.	3.1	8
113	Renal Sympathetic Denervation Attenuates Congestive Heart Failure in Angiotensin II-Dependent Hypertension: Studies with Ren-2 Transgenic Hypertensive Rats with Aorticaval Fistula. Kidney and Blood Pressure Research, 2021, 46, 95-113.	2.0	8
114	Very low lipoprotein(a) and increased mortality risk after myocardial infarction. European Journal of Internal Medicine, 2021, 91, 33-39.	2.2	8
115	Stability of the noninvasive baroreflex sensitivity assessment using cross-spectral analysis of heart rate and arterial blood pressure variabilities. Clinical Cardiology, 2000, 23, 201-204.	1.8	7
116	Nitroglycerin Induced Syncope Occurs in Subjects with Delayed Phase Shift of Baroreflex Action. PACE - Pacing and Clinical Electrophysiology, 2002, 25, 828-832.	1.2	7
117	Heart rate response to exercise in heart failure patients: The prognostic role of metabolic-chronotropic relation and heart rate recovery. International Journal of Cardiology, 2017, 228, 588-593.	1.7	7
118	Clinical correlates of B-type natriuretic peptide monitoring in outpatients with left ventricular assist device. Biomedical Papers of the Medical Faculty of the University Palacký, Olomouc, Czechoslovakia, 2017, 161, 68-74.	0.6	7
119	Cardiac Adaptation to Volume Overload. , 2013, , 167-199.		6
120	Protein-closing enteropathy in an adult with non-ischaemic cardiomyopathy: complete reversal by heart transplantation. ESC Heart Failure, 2018, 5, 842-845.	3.1	6
121	Isovolumic loading of the failing heart by intraventricular placement of a spring expander attenuates cardiac atrophy after heterotopic heart transplantation. Bioscience Reports, 2018, 38, .	2.4	6
122	Complete recovery of fulminant cytotoxic CD8 T-cell-mediated myocarditis after ECMELLA unloading and immunosuppression. ESC Heart Failure, 2020, 7, 1976-1981.	3.1	6
123	Effects of Trandolapril on Structural, Contractile and Electrophysiological Remodeling in Experimental Volume Overload Heart Failure. Frontiers in Pharmacology, 2021, 12, 729568.	3.5	6
124	Heart failure-related quality-of-life impairment after myocardial infarction. Clinical Research in Cardiology, 2023, 112, 39-48.	3.3	6
125	Von Willebrand factor and assessment of endothelial function. Cardiovascular Research, 2002, 54, 193-194.	3.8	5
126	Clinical and Humoral Determinants of Congestion in Heart Failure: Potential Role of Adiponectin. Kidney and Blood Pressure Research, 2019, 44, 1271-1284.	2.0	5

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127	Donor specific anti-HLA antibodies and cardiac allograft vasculopathy: A prospective study using highly automated 3-D optical coherence tomography analysis. <i>Transplant Immunology</i> , 2021, 65, 101340.	1.2	5
128	The effect of three major comorbidities on quality of life and outcome of patients with heart failure with reduced ejection fraction. <i>ESC Heart Failure</i> , 2021, 8, 1417-1426.	3.1	5
129	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.	1.7	5
130	Intermittent Cardiogenic Shock in a Man With Mechanical Prosthesis of the Aortic Valve. <i>Circulation</i> , 2011, 124, e1-3.	1.6	4
131	B-type natriuretic peptide: powerful predictor of end-stage chronic heart failure in individuals with systolic dysfunction of the systemic right ventricle. <i>Croatian Medical Journal</i> , 2016, 57, 343-350.	0.7	4
132	Heart rate and early progression of cardiac allograft vasculopathy: A prospective study using highly automated 3-D optical coherence tomography analysis. <i>Clinical Transplantation</i> , 2020, 34, e13773.	1.6	4
133	Impact of Atrial Fibrillation on Natriuretic Peptides. <i>JACC: Clinical Electrophysiology</i> , 2018, 4, 153-154.	3.2	3
134	Exercise dynamics of cardiac biomarkers and hemoconcentration in patients with chronic systolic heart failure. <i>Journal of Cardiac Failure</i> , 2020, 26, 1100-1105.	1.7	3
135	(Expert consensus statement of the Czech Heart Failure Association of the Czech Society of) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.9	3
136	Hypolipidemic drugs, blood pressure, heart rate, heart rate variability and sympathetic activity. <i>International Congress Series</i> , 2004, 1262, 458-461.	0.2	2
137	Impact of ventricular response irregularity in patients with atrial fibrillation and heart failure. <i>European Heart Journal</i> , 2005, 26, 1689-1690.	2.2	2
138	Pulmonary Vasculature Responsiveness to Phosphodiesterase-5A Inhibition in Heart Failure With Reduced Ejection Fraction: Possible Role of Plasma Potassium. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, .	2.4	2
139	A Randomized Pilot Study of Aortic Waveform Guided Therapy in Chronic Heart Failure. <i>Journal of the American Heart Association</i> , 2014, 3, .	3.7	1
140	Etiology, Characteristics and Clinical Outcomes in High Output Heart Failure: A 15 Year Experience. <i>Journal of Cardiac Failure</i> , 2015, 21, S69.	1.7	1
141	56-05: Outcome of Catheter Ablation of Atrial Fibrillation in Patients with Latent Heart Failure and Preserved Left Ventricular Ejection Fraction. <i>Europace</i> , 2016, 18, i33-i33.	1.7	1
142	Geographic variation in the access to heart transplantation in the Czech Republic. <i>Cor Et Vasa</i> , 2016, 58, e396-e402.	0.1	1
143	A Complex Heart Team's Approach to a Patient With Giant Cell Myocarditis. <i>Canadian Journal of Cardiology</i> , 2017, 33, 1335.e5-1335.e7.	1.7	1
144	THE ROLE OF DIASTOLIC STRESS TESTING IN THE EVALUATION FOR HEART FAILURE WITH PRESERVED EJECTION FRACTION: AN INVASIVE-ECHOCARDIOGRAPHIC STUDY. <i>Journal of the American College of Cardiology</i> , 2017, 69, 879.	2.8	1

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145	Increased Heart Rate After Heart Transplant Is Not Associated with Early Progression of Cardiac Allograft Vasculopathy (CAV) - A Prospective Study Using Highly Automatic Coronary Optical Coherence Tomography Segmentation Software in 3D. <i>Journal of Heart and Lung Transplantation</i> , 2017, 36, S297-S298.	0.6	1
146	Heterogeneous aetiology and clinical presentation of cardiac involvement in hypereosinophilic syndrome: A case series. <i>Cor Et Vasa</i> , 2018, 60, e321-e326.	0.1	1
147	Early progression of cardiac allograft vasculopathy assessed by quantitative coronary angiography: A single centre prospective study. <i>Cor Et Vasa</i> , 2018, 60, e59-e65.	0.1	1
148	Transition from angiotensin-converting enzyme inhibitor/angiotensin-II-receptor-blocker to sacubitril/valsartan in chronic heart failure patients: Initial experiences in clinical practice. <i>Cor Et Vasa</i> , 2018, 60, e209-e214.	0.1	1
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