

Bela Merkely

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/724456/publications.pdf>

Version: 2024-02-01

159
papers

22,262
citations

71061

41
h-index

9334

143
g-index

164
all docs

164
docs citations

164
times ranked

18744
citing authors

#	ARTICLE	IF	CITATIONS
1	Dapagliflozin in Patients with Heart Failure and Reduced Ejection Fraction. <i>New England Journal of Medicine</i> , 2019, 381, 1995-2008.	13.9	4,108
2	Cardiovascular and Renal Outcomes with Empagliflozin in Heart Failure. <i>New England Journal of Medicine</i> , 2020, 383, 1413-1424.	13.9	2,821
3	ESC Guidelines for the diagnosis and treatment of acute and chronic heart failure 2012. <i>European Journal of Heart Failure</i> , 2012, 14, 803-869.	2.9	2,307
4	Catheter Ablation for Atrial Fibrillation with Heart Failure. <i>New England Journal of Medicine</i> , 2018, 378, 417-427.	13.9	1,611
5	Angiotensinâ€“Neprilysin Inhibition in Heart Failure with Preserved Ejection Fraction. <i>New England Journal of Medicine</i> , 2019, 381, 1609-1620.	13.9	1,485
6	Dual Antithrombotic Therapy with Dabigatran after PCI in Atrial Fibrillation. <i>New England Journal of Medicine</i> , 2017, 377, 1513-1524.	13.9	1,099
7	2021 ESC Guidelines on cardiac pacing and cardiac resynchronization therapy. <i>European Heart Journal</i> , 2021, 42, 3427-3520.	1.0	899
8	Everolimus-Eluting Stents or Bypass Surgery for Left Main Coronary Artery Disease. <i>New England Journal of Medicine</i> , 2016, 375, 2223-2235.	13.9	843
9	Angiotensin Receptor Neprilysin Inhibition Compared With Enalapril on the Risk of Clinical Progression in Surviving Patients With Heart Failure. <i>Circulation</i> , 2015, 131, 54-61.	1.6	552
10	2021 ESC Guidelines on cardiac pacing and cardiac resynchronization therapy. <i>Europace</i> , 2022, 24, 71-164.	0.7	370
11	Effect of Dapagliflozin on Worsening Heart Failure and Cardiovascular Death in Patients With Heart Failure With and Without Diabetes. <i>JAMA - Journal of the American Medical Association</i> , 2020, 323, 1353.	3.8	340
12	Sacubitril/Valsartan Across the Spectrum of Ejection Fraction in Heart Failure. <i>Circulation</i> , 2020, 141, 352-361.	1.6	335
13	Comprehensive plaque assessment by coronary CT angiography. <i>Nature Reviews Cardiology</i> , 2014, 11, 390-402.	6.1	301
14	Survival with Cardiac-Resynchronization Therapy in Mild Heart Failure. <i>New England Journal of Medicine</i> , 2014, 370, 1694-1701.	13.9	283
15	A trial to evaluate the effect of the sodiumâ€“glucose coâ€“transporter 2 inhibitor dapagliflozin on morbidity and mortality in patients with heart failure and reduced left ventricular ejection fraction (DAPAâ€“HF). <i>European Journal of Heart Failure</i> , 2019, 21, 665-675.	2.9	264
16	Risk Related to Preâ€“Diabetes Mellitus and Diabetes Mellitus in Heart Failure With Reduced Ejection Fraction. <i>Circulation: Heart Failure</i> , 2016, 9, .	1.6	260
17	2012 EHRA/HRS expert consensus statement on cardiac resynchronization therapy in heart failure: implant and follow-up recommendations and management: A registered branch of the European Society of Cardiology (ESC), and the Heart Rhythm Society; and in collaboration with the Heart Failure Society of America (HFSA), the American Society of Echocardiography (ASE), the American Heart Association (AHA), the European Association of Echocardiography (EAE) of the ESC and the Heart		

#	ARTICLE	IF	CITATIONS
19	A Decade of Information on the Use of Cardiac Implantable Electronic Devices and Interventional Electrophysiological Procedures in the European Society of Cardiology Countries: 2017 Report from the European Heart Rhythm Association. <i>Europace</i> , 2017, 19, ii1-ii90.	0.7	216
20	Effects of Serelaxin in Patients with Acute Heart Failure. <i>New England Journal of Medicine</i> , 2019, 381, 716-726.	13.9	174
21	Radiomic Features Are Superior to Conventional Quantitative Computed Tomographic Metrics to Identify Coronary Plaques With Napkin-Ring Sign. <i>Circulation: Cardiovascular Imaging</i> , 2017, 10, .	1.3	156
22	A randomized, prospective, intercontinental evaluation of a bioresorbable polymer sirolimus-eluting coronary stent system: the CENTURY II (Clinical Evaluation of New Terumo Drug-Eluting Coronary) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 2014, 35, 2021-2031.	1.0	148
23	Safety and Tolerability of CSL112, a Reconstituted, Infusible, Plasma-Derived Apolipoprotein A-I, After Acute Myocardial Infarction. <i>Circulation</i> , 2016, 134, 1918-1930.	1.6	148
24	CT or Invasive Coronary Angiography in Stable Chest Pain. <i>New England Journal of Medicine</i> , 2022, 386, 1591-1602.	13.9	144
25	Angiotensin Receptorâ€“Nepilysin Inhibition in Acute Myocardial Infarction. <i>New England Journal of Medicine</i> , 2021, 385, 1845-1855.	13.9	130
26	PR Interval Identifies Clinical Response in Patients With Nonâ€“Left Bundle Branch Block. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2014, 7, 645-651.	2.1	98
27	Right ventricular mechanical pattern in health and disease: beyond longitudinal shortening. <i>Heart Failure Reviews</i> , 2019, 24, 511-520.	1.7	91
28	Radiomics versus Visual and Histogram-based Assessment to Identify Atheromatous Lesions at Coronary CT Angiography: An ex Vivo Study. <i>Radiology</i> , 2019, 293, 89-96.	3.6	88
29	The Influence of Left Ventricular Ejection Fraction on the Effectiveness of Cardiac Resynchronization Therapy. <i>Journal of the American College of Cardiology</i> , 2013, 61, 936-944.	1.2	86
30	Machine learning-based mortality prediction of patients undergoing cardiac resynchronization therapy: the SEMMELWEIS-CRT score. <i>European Heart Journal</i> , 2020, 41, 1747-1756.	1.0	82
31	Novel coronavirus epidemic in the Hungarian population, a cross-sectional nationwide survey to support the exit policy in Hungary. <i>GeroScience</i> , 2020, 42, 1063-1074.	2.1	73
32	Prospective ARNI vs. ACE inhibitor trial to Determine Superiority in reducing heart failure Events after Myocardial Infarction (PARADISEâ€“MI): design and baseline characteristics. <i>European Journal of Heart Failure</i> , 2021, 23, 1040-1048.	2.9	70
33	Strain and strain rate by speckle-tracking echocardiography correlate with pressure-volume loop-derived contractility indices in a rat model of athlete's heart. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 308, H743-H748.	1.5	65
34	Rat model of exercise-induced cardiac hypertrophy: hemodynamic characterization using left ventricular pressure-volume analysis. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2013, 305, H124-H134.	1.5	62
35	Efficacy and Safety of Dapagliflozin According to Frailty in Heart Failure With Reduced Ejection Fraction. <i>Annals of Internal Medicine</i> , 2022, 175, 820-830.	2.0	56
36	Effect of cardiac resynchronization therapy with implantable cardioverter defibrillator versus cardiac resynchronization therapy with a pacemaker on mortality in heart failure patients: results of a high-volume, single-centre experience. <i>European Journal of Heart Failure</i> , 2014, 16, 1323-1330.	2.9	55

#	ARTICLE	IF	CITATIONS
37	Effect of Dapagliflozin on Outpatient Worsening of Patients With Heart Failure and Reduced Ejection Fraction. <i>Circulation</i> , 2020, 142, 1623-1632.	1.6	51
38	Impact of Left Ventricular Function and Heart Failure Symptoms on Outcomes Post Ablation of Atrial Fibrillation in Heart Failure. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2020, 13, e008461.	2.1	50
39	Quantification of the relative contribution of the different right ventricular wall motion components to right ventricular ejection fraction: the ReVISION method. <i>Cardiovascular Ultrasound</i> , 2017, 15, 8.	0.5	49
40	Prediction of mortality benefit based on periodic repolarisation dynamics in patients undergoing prophylactic implantation of a defibrillator: a prospective, controlled, multicentre cohort study. <i>Lancet</i> , The, 2019, 394, 1344-1351.	6.3	49
41	Stabilization of the Coronary Sinus Electrode Position with Coronary Stent Implantation to Prevent and Treat Dislocation. <i>Journal of Cardiovascular Electrophysiology</i> , 2007, 18, 303-307.	0.8	45
42	Coronary Access After Repeated Transcatheter Aortic Valve Implantation. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 508-515.	2.3	45
43	Importance of Nonlongitudinal Motion Components in Right Ventricular Function: Three-Dimensional Echocardiographic Study in Healthy Volunteers. <i>Journal of the American Society of Echocardiography</i> , 2020, 33, 995-1005.e1.	1.2	45
44	Left ventricular lead location and the risk of ventricular arrhythmias in the MADIT-CRT trial. <i>European Heart Journal</i> , 2013, 34, 184-190.	1.0	42
45	Platelet reactivity and clinical outcomes in acute coronary syndrome patients treated with prasugrel and clopidogrel: a pre-specified exploratory analysis from the TROPICAL-ACS trial. <i>European Heart Journal</i> , 2019, 40, 1942-1951.	1.0	41
46	Tracing the European course of cardiac resynchronization therapy from 2006 to 2008. <i>Europace</i> , 2010, 12, 692-701.	0.7	39
47	Impact of the right ventricular lead position on clinical outcome and on the incidence of ventricular tachyarrhythmias in patients with CRT-D. <i>Heart Rhythm</i> , 2013, 10, 1770-1777.	0.3	39
48	Physiological and pathological left ventricular hypertrophy of comparable degree is associated with characteristic differences of in vivo hemodynamics. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016, 310, H587-H597.	1.5	38
49	Device-Measured Physical Activity Versus Six-Minute Walk Test as a Predictor of Reverse Remodeling and Outcome After Cardiac Resynchronization Therapy for Heart Failure. <i>American Journal of Cardiology</i> , 2014, 113, 1523-1528.	0.7	34
50	De novo implantation vs. upgrade cardiac resynchronization therapy: a systematic review and meta-analysis. <i>Heart Failure Reviews</i> , 2018, 23, 15-26.	1.7	32
51	Repeat procedure is a new independent predictor of complications of atrial fibrillation ablation. <i>Europace</i> , 2019, 21, 732-737.	0.7	31
52	Extracellular Matrix in Heart Failure: Role of ADAMTS5 in Proteoglycan Remodeling. <i>Circulation</i> , 2021, 144, 2021-2034.	1.6	31
53	Therapy From a Novel Substernal Lead. <i>JACC: Clinical Electrophysiology</i> , 2019, 5, 186-196.	1.3	30
54	In vivo MRI and ex vivo histological assessment of the cardioprotection induced by ischemic preconditioning, postconditioning and remote conditioning in a closed-chest porcine model of reperfused acute myocardial infarction: importance of microvasculature. <i>Journal of Translational Medicine</i> , 2017, 15, 67.	1.8	29

#	ARTICLE	IF	CITATIONS
55	Efficacy and safety of sodium-glucose cotransporter 2 inhibition according to left ventricular ejection fraction in DAPA-HF. <i>European Journal of Heart Failure</i> , 2020, 22, 1247-1258.	2.9	29
56	Long-term experience with coronary sinus side branch stenting to stabilize left ventricular electrode position. <i>Heart Rhythm</i> , 2011, 8, 845-850.	0.3	28
57	Determinants of geographic variations in implantation of cardiac defibrillators in the European Society of Cardiology member countries—data from the European Heart Rhythm Association White Book. <i>Europace</i> , 2011, 13, 654-662.	0.7	28
58	Characterization of left ventricular myocardial sodium-glucose cotransporter 1 expression in patients with end-stage heart failure. <i>Cardiovascular Diabetology</i> , 2020, 19, 159.	2.7	28
59	Impact of Sacubitril/Valsartan Versus Ramipril on Total Heart Failure Events in the PARADISE-MI Trial. <i>Circulation</i> , 2022, 145, 87-89.	1.6	28
60	Posterior Left Atrial Adipose Tissue Attenuation Assessed by Computed Tomography and Recurrence of Atrial Fibrillation After Catheter Ablation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2021, 14, e009135.	2.1	27
61	The effect of four-phasic versus three-phasic contrast media injection protocols on extravasation rate in coronary CT angiography: a randomized controlled trial. <i>European Radiology</i> , 2017, 27, 4538-4543.	2.3	26
62	Partitioning the Right Ventricle Into 15 Segments and Decomposing Its Motion Using 3D Echocardiography-Based Models: The Updated ReVISION Method. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 622118.	1.1	26
63	Novel ICD Programming and Inappropriate ICD Therapy in CRT-D Versus ICD Patients. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2016, 9, e001965.	2.1	25
64	Dominance of free wall radial motion in global right ventricular function of heart transplant recipients. <i>Clinical Transplantation</i> , 2018, 32, e13192.	0.8	25
65	Barriers to implementation of evidence-based electrical therapies and the need for outcome research: role of European registries. <i>Europace</i> , 2011, 13, ii18-ii20.	0.7	24
66	Oxidative Stress-Related Parthanatos of Circulating Mononuclear Leukocytes in Heart Failure. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-12.	1.9	24
67	Right ventricular mechanical pattern in patients undergoing mitral valve surgery: a predictor of postoperative dysfunction?. <i>ESC Heart Failure</i> , 2020, 7, 1246-1256.	1.4	24
68	Reduced risk of life-threatening ventricular tachyarrhythmias with cardiac resynchronization therapy: relationship to left ventricular ejection fraction. <i>European Journal of Heart Failure</i> , 2015, 17, 971-978.	2.9	23
69	Exercise-induced shift in right ventricular contraction pattern: novel marker of athlete's heart?. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 315, H1640-H1648.	1.5	23
70	Characterization of the dynamic changes in left ventricular morphology and function induced by exercise training and detraining. <i>International Journal of Cardiology</i> , 2019, 277, 178-185.	0.8	23
71	Combined Transradial and Transpedal Approach for Femoral Artery Interventions. <i>JACC: Cardiovascular Interventions</i> , 2018, 11, 1062-1071.	1.1	22
72	Longitudinal Strain Reflects Ventriculoarterial Coupling Rather Than Mere Contractility in Rat Models of Hemodynamic Overload-Induced Heart Failure. <i>Journal of the American Society of Echocardiography</i> , 2020, 33, 1264-1275.e4.	1.2	21

#	ARTICLE	IF	CITATIONS
73	Nonlinear optical microscopy is a novel tool for the analysis of cutaneous alterations in pseudoxanthoma elasticum. <i>Lasers in Medical Science</i> , 2020, 35, 1821-1830.	1.0	21
74	The ratio of the neutrophil leucocytes to the lymphocytes predicts the outcome after cardiac resynchronization therapy. <i>Europace</i> , 2016, 18, 747-754.	0.7	20
75	Left Ventricular Lead Location and Long-Term Outcomes in Cardiac Resynchronization Therapy Patients. <i>JACC: Clinical Electrophysiology</i> , 2018, 4, 1410-1420.	1.3	20
76	Biventricular mechanical pattern of the athlete's heart: comprehensive characterization using three-dimensional echocardiography. <i>European Journal of Preventive Cardiology</i> , 2022, 29, 1594-1604.	0.8	20
77	Precision phenotyping, panomics, and system-level bioinformatics to delineate complex biologies of atherosclerosis: Rationale and design of the "Genetic Loci and the Burden of Atherosclerotic Lesions" study. <i>Journal of Cardiovascular Computed Tomography</i> , 2014, 8, 442-451.	0.7	19
78	AIM2-driven inflammasome activation in heart failure. <i>Cardiovascular Research</i> , 2021, 117, 2639-2651.	1.8	19
79	Novel insights into the athlete's heart: is myocardial work the new champion of systolic function?. <i>European Heart Journal Cardiovascular Imaging</i> , 2022, 23, 188-197.	0.5	19
80	Rationale, Design, and Methodological Aspects of the BUDAPEST GLOBAL Study (Burden of Tj ETQq0 0 0 rgBT /Overlock Clinical Cardiology, 2015, 38, 699-707.	0.7	18
81	Rationale and design of the EU CERT-ICD prospective study: comparative effectiveness of prophylactic ICD implantation. <i>ESC Heart Failure</i> , 2019, 6, 182-193.	1.4	18
82	The European Registry for Patients with Mechanical Circulatory Support of the European Association for Cardio-Thoracic Surgery: third report. <i>European Journal of Cardio-thoracic Surgery</i> , 2022, 62, .	0.6	18
83	Minimal invasive coronary sinus lead reposition technique for the treatment of phrenic nerve stimulation. <i>Europace</i> , 2008, 10, 1157-1160.	0.7	17
84	Three-dimensional dynamic morphology of the mitral valve in different forms of mitral valve prolapse " potential implications for annuloplasty ring selection. <i>Cardiovascular Ultrasound</i> , 2015, 14, 32.	0.5	17
85	Rationale and design of the BUDAPEST-CRT Upgrade Study: a prospective, randomized, multicentre clinical trial. <i>Europace</i> , 2017, 19, euw193.	0.7	17
86	Concomitant Phosphodiesterase 5 Inhibition Enhances Myocardial Protection by Inhaled Nitric Oxide in Ischemia-Reperfusion Injury. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2016, 356, 284-292.	1.3	17
87	Longer right to left ventricular activation delay at cardiac resynchronization therapy implantation is associated with improved clinical outcome in left bundle branch block patients. <i>Europace</i> , 2016, 18, 550-559.	0.7	17
88	Relationship between Cardiac Remodeling and Exercise Capacity in Elite Athletes: Incremental Value of Left Atrial Morphology and Function Assessed by Three-Dimensional Echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2020, 33, 101-109.e1.	1.2	17
89	Usefulness of electroanatomical mapping during transeptal endocardial left ventricular lead implantation. <i>Europace</i> , 2012, 14, 599-604.	0.7	16
90	Atrial fibrillation detection with and without atrial activity analysis using lead-I mobile ECG technology. <i>Biomedical Signal Processing and Control</i> , 2021, 66, 102462.	3.5	16

#	ARTICLE	IF	CITATIONS
91	Mesh-Covered Embolic Protection Stent Implantation in ST-Segmentâ€“Elevation Myocardial Infarction. Circulation: Cardiovascular Interventions, 2015, 8, e001484.	1.4	15
92	Feasibility of distal radial access for carotid interventions: the RADCAR-DISTAL pilot study. EuroIntervention, 2020, 15, 1288-1290.	1.4	15
93	Lateral left ventricular lead position is superior to posterior position in longâ€“term outcome of patients who underwent cardiac resynchronization therapy. ESC Heart Failure, 2020, 7, 3374-3382.	1.4	14
94	Heritability of Coronary Artery Disease: Insights From a Classical Twin Study. Circulation: Cardiovascular Imaging, 2022, 15, e013348.	1.3	14
95	Cardiac and Noncardiac Disease Burden and Treatment Effect of Sacubitril/Valsartan. Circulation: Heart Failure, 2021, 14, e008052.	1.6	13
96	Decreased circulating dipeptidyl peptidase-4 enzyme activity is prognostic for severe outcomes in COVID-19 inpatients. Biomarkers in Medicine, 2022, 16, 317-330.	0.6	13
97	Retrograde subintimal recanalization of a radial artery occlusion after coronary angiography using the palmar loop technique. Cardiovascular Revascularization Medicine, 2015, 16, 259-261.	0.3	12
98	Orientation of the right superior pulmonary vein affects outcome after pulmonary vein isolation. European Heart Journal Cardiovascular Imaging, 2022, 23, 515-523.	0.5	12
99	The diagnostic performance of deep-learning-based CT severity score to identify COVID-19 pneumonia. British Journal of Radiology, 2022, 95, 20210759.	1.0	12
100	Long-term single-centre large volume experience with transseptal endocardial left ventricular lead implantation. Europace, 2019, 21, 1237-1245.	0.7	11
101	Sex-Specific Patterns of Mortality Predictors Among Patients Undergoing Cardiac Resynchronization Therapy: A Machine Learning Approach. Frontiers in Cardiovascular Medicine, 2021, 8, 611055.	1.1	11
102	Danon disease: a rare cause of left ventricular hypertrophy with cardiac magnetic resonance follow-up. European Heart Journal, 2016, 37, 1703-1703.	1.0	10
103	Shortâ€“and longâ€“term results with a percutaneous treatment in critical hand ischaemia. Catheterization and Cardiovascular Interventions, 2019, 93, 1301-1310.	0.7	10
104	Long-term survival following upgrade compared with <i>de novo</i> cardiac resynchronization therapy implantation: a single-centre, high-volume experience. Europace, 2021, 23, 1310-1318.	0.7	10
105	Abutting Left Atrial Appendage and Left Superior Pulmonary Vein Predicts Recurrence of Atrial Fibrillation After Point-by-Point Pulmonary Vein Isolation. Frontiers in Cardiovascular Medicine, 2022, 9, 708298.	1.1	10
106	Multimodality Imaging of Giant Right Coronary Aneurysm and Postsurgical Coronary Artery Inflammation. Circulation, 2015, 132, e1-5.	1.6	9
107	Measurement of the Red Blood Cell Distribution Width Improves the Risk Prediction in Cardiac Resynchronization Therapy. Disease Markers, 2016, 2016, 1-13.	0.6	9
108	Quality of life measured with EuroQol-five dimensions questionnaire predicts long-term mortality, response, and reverse remodelling in cardiac resynchronization therapy patients. Europace, 2018, 20, 1506-1512.	0.7	9

#	ARTICLE	IF	CITATIONS
109	Effects of SGLT2 Inhibitors beyond Glycemic Control—Focus on Myocardial SGLT1. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9852.	1.8	9
110	Catheter-induced Brachial Artery Dissection during Transradial Angioplasty. <i>Journal of Vascular Access</i> , 2013, 14, 392-393.	0.5	8
111	Impact of respiration gating on image integration guided atrial fibrillation ablation. <i>Clinical Research in Cardiology</i> , 2014, 103, 727-731.	1.5	8
112	Vitamin D Deficiency Predicts Poor Clinical Outcomes in Heart Failure Patients Undergoing Cardiac Resynchronization Therapy. <i>Disease Markers</i> , 2019, 2019, 1-7.	0.6	8
113	Similar outcomes with manual contact force ablation catheters and traditional catheters in the treatment of outflow tract premature ventricular complexes. <i>Europace</i> , 2021, 23, 596-602.	0.7	8
114	Successful management and long term outcome of an accidental subclavian artery injury with a 9 french dilator during pacemaker implantation with collagen-based closure device. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2009, 25, 217-218.	0.6	7
115	Complement C3a predicts outcome in cardiac resynchronization therapy of heart failure. <i>Inflammation Research</i> , 2016, 65, 933-940.	1.6	7
116	Coronary Artery Manifestation of Ormond Disease: The “Mistletoe Sign”. <i>Radiology</i> , 2017, 282, 356-360.	3.6	7
117	Incidence, Causes, and Outcomes Associated With Urgent Implantation of a Supplementary Valve During Transcatheter Aortic Valve Replacement. <i>JAMA Cardiology</i> , 2021, 6, 936.	3.0	7
118	Direct comparison of steroid and non-steroid eluting small surface pacing leads: Randomized, multicenter clinical trial. <i>Cardiology Journal</i> , 2013, 20, 431-438.	0.5	7
119	The effect of left atrial wall thickness and pulmonary vein sizes on the acute procedural success of atrial fibrillation ablation. <i>International Journal of Cardiovascular Imaging</i> , 2022, , 1.	0.7	7
120	The Prognostic Value of Anemia in Patients with Preserved, Mildly Reduced and Recovered Ejection Fraction. <i>Diagnostics</i> , 2022, 12, 517.	1.3	7
121	Inflammasome activation in end-stage heart failure-associated atrial fibrillation. <i>ESC Heart Failure</i> , 2022, 9, 2747-2752.	1.4	7
122	Sex similarities and differences in the reverse and anti-remodeling effect of pressure unloading therapy in a rat model of aortic banding and debanding. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2022, 323, H204-H222.	1.5	7
123	Characteristics of Very High-Power, Short-Duration Radiofrequency Applications. <i>Frontiers in Cardiovascular Medicine</i> , 0, 9, .	1.1	7
124	Hypertrophic Cardiomyopathy in a Monozygotic Twin Pair. <i>Circulation: Cardiovascular Imaging</i> , 2016, 9, .	1.3	6
125	The impact of cardiac resynchronization therapy on routine laboratory parameters. <i>Interventional Medicine & Applied Science</i> , 2017, 9, 1-8.	0.2	6
126	Cardiac PANK1 deletion exacerbates ventricular dysfunction during pressure overload. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021, 321, H784-H797.	1.5	6

#	ARTICLE	IF	CITATIONS
127	Correlation between Coronary Artery Calcium- and Different Cardiovascular Risk Score-Based Methods for the Estimation of Vascular Age in Caucasian Patients. <i>Journal of Clinical Medicine</i> , 2022, 11, 1111.	1.0	6
128	Impact of CT-apelin and NT-proBNP on identifying non-responders to cardiac resynchronization therapy. <i>Biomarkers</i> , 2017, 22, 279-286.	0.9	5
129	The ongoing quest for improving machine learning-based risk stratification. <i>European Heart Journal</i> , 2020, 41, 2914-2915.	1.0	5
130	Geometrical remodeling of the mitral and tricuspid annuli in response to exercise training: a 3-D echocardiographic study in elite athletes. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021, 320, H1774-H1785.	1.5	5
131	Left Ventricular SGLT1 Protein Expression Correlates with the Extent of Myocardial Nitro-Oxidative Stress in Rats with Pressure and Volume Overload-Induced Heart Failure. <i>Antioxidants</i> , 2021, 10, 1190.	2.2	5
132	Anatomical Characteristics of the Left Atrium and Left Atrial Appendage in Relation to the Risk of Stroke in Patients With Versus Without Atrial Fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2021, 14, e009777.	2.1	5
133	The extravascular implantable cardioverter-defibrillator: characterization of anatomical parameters impacting substernal implantation and defibrillation efficacy. <i>Europace</i> , 2022, 24, 762-773.	0.7	4
134	Added predictive value of right ventricular ejection fraction compared with conventional echocardiographic measurements in patients who underwent diverse cardiovascular procedures. <i>Imaging</i> , 2021, 13, 130-137.	0.3	4
135	Cardiac resynchronisation therapy: current benefits and pitfalls. <i>Kardiologia Polska</i> , 2018, 76, 1420-1425.	0.3	4
136	The Predictive Role of Artificial Intelligence-Based Chest CT Quantification in Patients with COVID-19 Pneumonia. <i>Tomography</i> , 2021, 7, 697-710.	0.8	4
137	Short-term dual antiplatelet therapy in diabetic patients admitted for acute coronary syndrome treated with a new-generation drug-eluting stent. <i>Diabetes/Metabolism Research and Reviews</i> , 2022, 38, e3530.	1.7	4
138	Magnetic Resonance Imaging-Based Biventricular Pacemaker Upgrade. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2004, 27, 1011-1013.	0.5	3
139	Response to Ivey-Miranda and Farrero-Torres - Is there dominance of free wall radial motion in global right ventricular function in heart transplant recipients or in all heart surgery patients? <i>Clinical Transplantation</i> , 2018, 32, e13286.	0.8	3
140	Nocturnal respiratory rate predicts ICD benefit: A prospective, controlled, multicentre cohort study. <i>EClinicalMedicine</i> , 2021, 31, 100695.	3.2	3
141	Superficial temporal artery access for percutaneous coronary artery stenting during the COVID-19 pandemic: a case report. <i>European Heart Journal - Case Reports</i> , 2021, 5, ytaa520.	0.3	3
142	Potential clinical relevance of cardiac magnetic resonance to diagnose cardiac light chain amyloidosis. <i>PLoS ONE</i> , 2022, 17, e0269807.	1.1	3
143	TCT-182 Angioplasty of the hand arteries in critical hand ischaemia. <i>Journal of the American College of Cardiology</i> , 2012, 60, B54.	1.2	2
144	Biventricular pacing during cardiac magnetic resonance imaging. <i>Europace</i> , 2020, 22, 117-124.	0.7	2

#	ARTICLE	IF	CITATIONS
145	Novel Biomarkers in Cardiac Resynchronization Therapy: Hepatocyte Growth Factor Is an Independent Predictor of Clinical Outcome. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2019, 72, 48-55.	0.4	2
146	Effect of routine preoperative screening for aortic calcifications using noncontrast computed tomography on stroke rate in cardiac surgery: the randomized controlled CRICKET study. <i>European Radiology</i> , 2021, , 1.	2.3	2
147	Sex-related differences of early cardiac functional and proteomic alterations in a rat model of myocardial ischemia. <i>Journal of Translational Medicine</i> , 2021, 19, 507.	1.8	2
148	MR -specific characteristics of left ventricular noncompaction and dilated cardiomyopathy. <i>International Journal of Cardiology</i> , 2022, 359, 69-75.	0.8	2
149	Methods for Examination an Explanted Coronary Sinus Lead Stabilized with a Coronary Stent. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2013, 36, e27-30.	0.5	1
150	Intracoronary Imaging and Plaque Vulnerability. <i>Journal of Cardiovascular Emergencies</i> , 2016, 2, 148-150.	0.1	1
151	Respiratory gating algorithm helps to reconstruct more accurate electroanatomical maps during atrial fibrillation ablation performed under spontaneous respiration. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2016, 46, 153-159.	0.6	1
152	Hyperuricemia predicts adverse clinical outcomes after cardiac resynchronization therapy. <i>Scandinavian Cardiovascular Journal</i> , 2018, 52, 250-255.	0.4	1
153	Hemodynamic Effects of the Light Stabilizer Tinuvin 770 in Dogs In Vivo. <i>Open Medicinal Chemistry Journal</i> , 2018, 12, 88-97.	0.9	1
154	Reaction Kinetics Modeling of eHsp70 Induced by Norepinephrine in Response to Exercise Stress. <i>International Journal of Sports Medicine</i> , 2021, 42, 506-512.	0.8	1
155	Sex differences in rat renal arterial responses following exercise training. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2022, 322, H310-H318.	1.5	1
156	Selection of an impedance- or magnetic field-based electro-anatomical mapping platform does not affect outcomes of outflow tract premature ventricular complex manual ablation. <i>Heart and Vessels</i> , 2022, 37, 1769-1775.	0.5	1
157	Competing Approaches to Defining Right Ventricular Motion Directions in Three Dimensions: A Pressing Need for Standardization?. <i>Journal of the American Society of Echocardiography</i> , 2021, 34, 203-205.	1.2	0
158	Left atrial appendage morphology and the risk of stroke. <i>Revista Romana De Cardiologie</i> , 2021, 31, 46-51.	0.0	0
159	Application of "AL-FINE CRT" risk score before cardiac resynchronisation therapy implantation. <i>Kardiologia Polska</i> , 2018, 76, 1418-1419.	0.3	0