

Hugo A Katus

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3493344/publications.pdf>

Version: 2024-02-01

448
papers

25,753
citations

17405

63
h-index

8370

147
g-index

456
all docs

456
docs citations

456
times ranked

28462
citing authors

#	ARTICLE	IF	CITATIONS
1	Ticagrelor versus Clopidogrel in Patients with Acute Coronary Syndromes. <i>New England Journal of Medicine</i> , 2009, 361, 1045-1057.	13.9	6,019
2	Fourth universal definition of myocardial infarction (2018). <i>European Heart Journal</i> , 2019, 40, 237-269.	1.0	2,687
3	Analytical Validation of a High-Sensitivity Cardiac Troponin T Assay. <i>Clinical Chemistry</i> , 2010, 56, 254-261.	1.5	926
4	How to use high-sensitivity cardiac troponins in acute cardiac care. <i>European Heart Journal</i> , 2012, 33, 2252-2257.	1.0	666
5	Recommendations for the use of cardiac troponin measurement in acute cardiac care. <i>European Heart Journal</i> , 2010, 31, 2197-2204.	1.0	533
6	Intracellular compartmentation of cardiac troponin T and its release kinetics in patients with reperfused and nonreperfused myocardial infarction. <i>American Journal of Cardiology</i> , 1991, 67, 1360-1367.	0.7	494
7	Independent Prognostic Value of Cardiac Troponin T in Patients With Confirmed Pulmonary Embolism. <i>Circulation</i> , 2000, 102, 211-217.	1.6	456
8	Atlas of the clinical genetics of human dilated cardiomyopathy. <i>European Heart Journal</i> , 2015, 36, 1123-1135.	1.0	456
9	European Society of Cardiology: cardiovascular disease statistics 2021. <i>European Heart Journal</i> , 2022, 43, 716-799.	1.0	343
10	High-Sensitivity Cardiac Troponin T for Early Prediction of Evolving Non- σ ST-Segment Elevation Myocardial Infarction in Patients with Suspected Acute Coronary Syndrome and Negative Troponin Results on Admission. <i>Clinical Chemistry</i> , 2010, 56, 642-650.	1.5	303
11	Application of High-Sensitivity Troponin in Suspected Myocardial Infarction. <i>New England Journal of Medicine</i> , 2019, 380, 2529-2540.	13.9	230
12	Long-Term Prognosis of Patients With Takotsubo Syndrome. <i>Journal of the American College of Cardiology</i> , 2018, 72, 874-882.	1.2	224
13	T1 mapping in dilated cardiomyopathy with cardiac magnetic resonance: quantification of diffuse myocardial fibrosis and comparison with endomyocardial biopsy. <i>European Heart Journal Cardiovascular Imaging</i> , 2015, 16, 210-216.	0.5	217
14	Absolute and Relative Kinetic Changes of High-Sensitivity Cardiac Troponin T in Acute Coronary Syndrome and in Patients with Increased Troponin in the Absence of Acute Coronary Syndrome. <i>Clinical Chemistry</i> , 2012, 58, 209-218.	1.5	215
15	Assessment of myocardial deformation with cardiac magnetic resonance strain imaging improves risk stratification in patients with dilated cardiomyopathy. <i>European Heart Journal Cardiovascular Imaging</i> , 2015, 16, 307-315.	0.5	211
16	Cardiac AAV9-S100A1 Gene Therapy Rescues Post-Ischemic Heart Failure in a Preclinical Large Animal Model. <i>Science Translational Medicine</i> , 2011, 3, 92ra64.	5.8	197
17	Early discharge using single cardiac troponin and copeptin testing in patients with suspected acute coronary syndrome (ACS): a randomized, controlled clinical process study. <i>European Heart Journal</i> , 2015, 36, 369-376.	1.0	182
18	ST-segment elevation myocardial infarction. <i>Nature Reviews Disease Primers</i> , 2019, 5, 39.	18.1	179

#	ARTICLE	IF	CITATIONS
19	Upregulation of K ^{2P} 3.1 K ⁺ Current Causes Action Potential Shortening in Patients With Chronic Atrial Fibrillation. <i>Circulation</i> , 2015, 132, 82-92.	1.6	172
20	Clinical genetics and outcome of left ventricular non-compaction cardiomyopathy. <i>European Heart Journal</i> , 2017, 38, 3449-3460.	1.0	168
21	Determinants of troponin release in patients with stable coronary artery disease: insights from CT angiography characteristics of atherosclerotic plaque. <i>Heart</i> , 2011, 97, 823-831.	1.2	166
22	Age- and gender-related normal left ventricular deformation assessed by cardiovascular magnetic resonance feature tracking. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2015, 17, 25.	1.6	162
23	Calcium Signaling and Transcriptional Regulation in Cardiomyocytes. <i>Circulation Research</i> , 2017, 121, 1000-1020.	2.0	156
24	Genotype-phenotype associations in dilated cardiomyopathy: meta-analysis on more than 8000 individuals. <i>Clinical Research in Cardiology</i> , 2017, 106, 127-139.	1.5	156
25	Cardiac CaM Kinase II Genes $\hat{1}$ and $\hat{3}$ Contribute to Adverse Remodeling but Redundantly Inhibit Calcineurin-Induced Myocardial Hypertrophy. <i>Circulation</i> , 2014, 130, 1262-1273.	1.6	149
26	Reliability of Noninvasive Assessment of Systolic Pulmonary Artery Pressure by Doppler Echocardiography Compared to Right Heart Catheterization: Analysis in a Large Patient Population. <i>Journal of the American Heart Association</i> , 2014, 3, .	1.6	147
27	Epigenome-Wide Association Study Identifies Cardiac Gene Patterning and a Novel Class of Biomarkers for Heart Failure. <i>Circulation</i> , 2017, 136, 1528-1544.	1.6	139
28	Happy heart syndrome: role of positive emotional stress in takotsubo syndrome. <i>European Heart Journal</i> , 2016, 37, 2823-2829.	1.0	136
29	Mybpc3 gene therapy for neonatal cardiomyopathy enables long-term disease prevention in mice. <i>Nature Communications</i> , 2014, 5, 5515.	5.8	131
30	Critical role of RAGE and HMGB1 in inflammatory heart disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E155-64.	3.3	130
31	The Symptom Complex of Familial Sinus Node Dysfunction and Myocardial Noncompaction Is Associated With Mutations in the HCN4 Channel. <i>Journal of the American College of Cardiology</i> , 2014, 64, 757-767.	1.2	128
32	Osteopontin is indispensable for AP1-mediated angiotensin II-related miR-21 transcription during cardiac fibrosis. <i>European Heart Journal</i> , 2015, 36, 2184-2196.	1.0	117
33	IL-17A Influences Essential Functions of the Monocyte/Macrophage Lineage and Is Involved in Advanced Murine and Human Atherosclerosis. <i>Journal of Immunology</i> , 2014, 193, 4344-4355.	0.4	115
34	m ⁶ A-mRNA methylation regulates cardiac gene expression and cellular growth. <i>Life Science Alliance</i> , 2019, 2, e201800233.	1.3	109
35	Diagnostic and prognostic implications using age- and gender-specific cut-offs for high-sensitivity cardiac troponin T " Sub-analysis from the TRAPID-AMI study. <i>International Journal of Cardiology</i> , 2016, 209, 26-33.	0.8	101
36	Rapid Deployment Versus Conventional Bioprosthetic Valve Replacement for Aortic Stenosis. <i>Journal of the American College of Cardiology</i> , 2018, 71, 1417-1428.	1.2	100

#	ARTICLE	IF	CITATIONS
37	Clinical outcomes associated with sarcomere mutations in hypertrophic cardiomyopathy: a meta-analysis on 7675 individuals. <i>Clinical Research in Cardiology</i> , 2018, 107, 30-41.	1.5	99
38	Patients at low surgical risk as defined by the Society of Thoracic Surgeons Score undergoing isolated interventional or surgical aortic valve implantation: in-hospital data and 1-year results from the German Aortic Valve Registry (GARY). <i>European Heart Journal</i> , 2019, 40, 1323-1330.	1.0	97
39	Ca ^M Kinase ^{ll} mediates maladaptive post ^{infarct} remodeling and pro ^{inflammatory} chemoattractant signaling but not acute myocardial ischemia/reperfusion injury. <i>EMBO Molecular Medicine</i> , 2014, 6, 1231-1245.	3.3	94
40	Carpal tunnel syndrome and spinal canal stenosis: harbingers of transthyretin amyloid cardiomyopathy?. <i>Clinical Research in Cardiology</i> , 2019, 108, 1324-1330.	1.5	93
41	Feasibility Study on Cardiac Arrhythmia Ablation Using High-Energy Heavy Ion Beams. <i>Scientific Reports</i> , 2016, 6, 38895.	1.6	92
42	Relationship Between Cardiac Fibroblast Activation Protein Activity by Positron Emission Tomography and Cardiovascular Disease. <i>Circulation: Cardiovascular Imaging</i> , 2020, 13, e010628.	1.3	92
43	Intracoronary autologous bone marrow cell transfer after myocardial infarction: the BOOST-2 randomised placebo-controlled clinical trial. <i>European Heart Journal</i> , 2017, 38, 2936-2943.	1.0	91
44	High-sensitive troponin T: a novel biomarker for prognosis and disease severity in patients with pulmonary arterial hypertension. <i>Clinical Science</i> , 2010, 119, 207-213.	1.8	90
45	Combined Testing of High-Sensitivity Troponin T and Copeptin on Presentation at Prespecified Cutoffs Improves Rapid Rule-Out of Non ST -Segment Elevation Myocardial Infarction. <i>Clinical Chemistry</i> , 2011, 57, 1452-1455.	1.5	88
46	Altered HCN4 channel C-linker interaction is associated with familial tachycardia ^{bradycardia} syndrome and atrial fibrillation. <i>European Heart Journal</i> , 2013, 34, 2768-2775.	1.0	84
47	Influence of the Confounding Factors Age and Sex on MicroRNA Profiles from Peripheral Blood. <i>Clinical Chemistry</i> , 2014, 60, 1200-1208.	1.5	84
48	Biomarker Changes after Strenuous Exercise Can Mimic Pulmonary Embolism and Cardiac Injury ^A Metaanalysis of 45 Studies. <i>Clinical Chemistry</i> , 2015, 61, 1246-1255.	1.5	81
49	A New Metabolomic Signature in Type-2 Diabetes Mellitus and Its Pathophysiology. <i>PLoS ONE</i> , 2014, 9, e85082.	1.1	80
50	ATF6 Regulates Cardiac Hypertrophy by Transcriptional Induction of the mTORC1 Activator, Rheb. <i>Circulation Research</i> , 2019, 124, 79-93.	2.0	80
51	CXCL4-induced plaque macrophages can be specifically identified by co-expression of MMP7 ⁺ S100A8 ⁺ <i>in vitro</i> and <i>in vivo</i> . <i>Innate Immunity</i> , 2015, 21, 255-265.	1.1	79
52	Cardiac arrest in takotsubo syndrome: results from the InterTAK Registry. <i>European Heart Journal</i> , 2019, 40, 2142-2151.	1.0	79
53	Sex-related outcome of atrial fibrillation ablation: Insights from the German Ablation Registry. <i>Heart Rhythm</i> , 2016, 13, 1837-1844.	0.3	77
54	O-GlcNAcylation of Histone Deacetylase 4 Protects the Diabetic Heart From Failure. <i>Circulation</i> , 2019, 140, 580-594.	1.6	77

#	ARTICLE	IF	CITATIONS
55	Cardiac Amyloid Load. <i>Journal of the American College of Cardiology</i> , 2016, 68, 13-24.	1.2	76
56	Outcomes Associated With Cardiogenic Shock in Takotsubo Syndrome. <i>Circulation</i> , 2019, 139, 413-415.	1.6	75
57	miRNAs can be generally associated with human pathologies as exemplified for miR-144*. <i>BMC Medicine</i> , 2014, 12, 224.	2.3	74
58	Inverse remodelling of K_{Ca}^{2P+} channel expression and action potential duration in left ventricular dysfunction and atrial fibrillation: implications for patient-specific antiarrhythmic drug therapy. <i>European Heart Journal</i> , 2017, 38, ehw559.	1.0	74
59	Comparison of the new high sensitive cardiac troponin T with myoglobin, h-FABP and cTnT for early identification of myocardial necrosis in the acute coronary syndrome. <i>Clinical Research in Cardiology</i> , 2011, 100, 209-215.	1.5	72
60	One year clinical efficacy and reverse cardiac remodelling in patients with severe mitral regurgitation and reduced ejection fraction after MitraClip [®] implantation. <i>European Journal of Heart Failure</i> , 2013, 15, 919-927.	2.9	71
61	Trends in practice and outcomes from 2011 to 2015 for surgical aortic valve replacement: an update from the German Aortic Valve Registry on 42,776 patients. <i>European Journal of Cardio-thoracic Surgery</i> , 2018, 53, 552-559.	0.6	71
62	Natural genetic variation of the cardiac transcriptome in non-diseased donors and patients with dilated cardiomyopathy. <i>Genome Biology</i> , 2017, 18, 170.	3.8	70
63	Advanced Echocardiography in Adult Zebrafish Reveals Delayed Recovery of Heart Function after Myocardial Cryoinjury. <i>PLoS ONE</i> , 2015, 10, e0122665.	1.1	69
64	Rapid and highly efficient inducible cardiac gene knockout in adult mice using AAV-mediated expression of Cre recombinase. <i>Cardiovascular Research</i> , 2014, 104, 15-23.	1.8	68
65	Cardiac RKIP induces a beneficial β^2 -adrenoceptor-dependent positive inotropy. <i>Nature Medicine</i> , 2015, 21, 1298-1306.	15.2	67
66	S100A1 is released from ischemic cardiomyocytes and signals myocardial damage via Toll-like receptor 4. <i>EMBO Molecular Medicine</i> , 2014, 6, 778-794.	3.3	66
67	Improved outcomes after heart transplantation for cardiac amyloidosis in the modern era. <i>Journal of Heart and Lung Transplantation</i> , 2018, 37, 611-618.	0.3	66
68	Towards Personalized Cardiology: Multi-Scale Modeling of the Failing Heart. <i>PLoS ONE</i> , 2015, 10, e0134869.	1.1	65
69	RAPID-CPU: a prospective study on implementation of the ESC 0/1-hour algorithm and safety of discharge after rule-out of myocardial infarction. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2020, 9, 39-51.	0.4	63
70	Green tea extract as a treatment for patients with wild-type transthyretin amyloidosis: an observational study. <i>Drug Design, Development and Therapy</i> , 2015, 9, 6319.	2.0	61
71	Identification and Functional Characterization of Hypoxia-Induced Endoplasmic Reticulum Stress Regulating lncRNA (HypERlnc) in Pericytes. <i>Circulation Research</i> , 2017, 121, 368-375.	2.0	61
72	Clinical and genetic insights into non-compaction: a meta-analysis and systematic review on 7598 individuals. <i>Clinical Research in Cardiology</i> , 2019, 108, 1297-1308.	1.5	61

#	ARTICLE	IF	CITATIONS
73	COVID-19 among heart transplant recipients in Germany: a multicenter survey. <i>Clinical Research in Cardiology</i> , 2020, 109, 1531-1539.	1.5	60
74	Prediction of functional recovery by cardiac magnetic resonance feature tracking imaging in first time ST-elevation myocardial infarction. Comparison to infarct size and transmural by late gadolinium enhancement. <i>International Journal of Cardiology</i> , 2015, 183, 162-170.	0.8	58
75	Safety and efficacy of MitraClip therapy in patients with severely impaired left ventricular ejection fraction: results from the German transcatheter mitral valve interventions (TRAMI) registry. <i>European Journal of Heart Failure</i> , 2018, 20, 598-608.	2.9	57
76	Monitoring Cell-Type-Specific Gene Expression Using Ribosome Profiling In Vivo During Cardiac Hemodynamic Stress. <i>Circulation Research</i> , 2019, 125, 431-448.	2.0	56
77	The cardiac microenvironment uses non-canonical WNT signaling to activate monocytes after myocardial infarction. <i>EMBO Molecular Medicine</i> , 2017, 9, 1279-1293.	3.3	55
78	Impact of new pacemaker implantation following surgical and transcatheter aortic valve replacement on 1-year outcome. <i>European Journal of Cardio-thoracic Surgery</i> , 2020, 57, 151-159.	0.6	55
79	Early Detection of Checkpoint Inhibitor-Associated Myocarditis Using 68Ga-FAPI PET/CT. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 614997.	1.1	55
80	Noninvasive Risk Stratification of Patients With Transthyretin Amyloidosis. <i>JACC: Cardiovascular Imaging</i> , 2014, 7, 502-510.	2.3	54
81	miR-223-IGF-IR signalling in hypoxia- and load-induced right-ventricular failure: a novel therapeutic approach. <i>Cardiovascular Research</i> , 2016, 111, 184-193.	1.8	54
82	Acute Safety and 30-Day Outcome After Percutaneous Edge-to-Edge Repair of Mitral Regurgitation in Very High-Risk Patients. <i>American Journal of Cardiology</i> , 2011, 108, 1478-1482.	0.7	53
83	Regulation of CaMKII signaling in cardiovascular disease. <i>Frontiers in Pharmacology</i> , 2015, 6, 178.	1.6	53
84	Left ventricular mechanics assessed by two-dimensional echocardiography and cardiac magnetic resonance imaging: comparison of high-resolution speckle tracking and feature tracking. <i>European Heart Journal Cardiovascular Imaging</i> , 2016, 17, 1370-1378.	0.5	52
85	Anxiety and self-care behaviour in patients with chronic systolic heart failure: A multivariate model. <i>European Journal of Cardiovascular Nursing</i> , 2018, 17, 170-177.	0.4	52
86	Minimal important difference for 6-minute walk test distances among patients with chronic heart failure. <i>International Journal of Cardiology</i> , 2014, 176, 94-98.	0.8	51
87	Evidence of autoantibodies against cardiac troponin I and sarcomeric myosin in peripartum cardiomyopathy. <i>Basic Research in Cardiology</i> , 2015, 110, 60.	2.5	51
88	Left ventricular long axis strain: a new prognosticator in non-ischemic dilated cardiomyopathy?. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 18, 36.	1.6	51
89	Ataxin-10 is part of a cachexokine cocktail triggering cardiac metabolic dysfunction in cancer cachexia. <i>Molecular Metabolism</i> , 2016, 5, 67-78.	3.0	51
90	Strain-encoded magnetic resonance: a method for the assessment of myocardial deformation. <i>ESC Heart Failure</i> , 2019, 6, 584-602.	1.4	51

#	ARTICLE	IF	CITATIONS
91	Cardiac Troponin T. <i>Circulation Journal</i> , 2013, 77, 1653-1661.	0.7	50
92	NOAC monotherapy in patients with concomitant indications for oral anticoagulation undergoing transcatheter aortic valve implantation. <i>Clinical Research in Cardiology</i> , 2018, 107, 799-806.	1.5	50
93	Coexistence and outcome of coronary artery disease in Takotsubo syndrome. <i>European Heart Journal</i> , 2020, 41, 3255-3268.	1.0	49
94	Improvements of Procedural Results With a New Generation Self-Expanding Transfemoral Aortic Valve Prosthesis in Comparison to the Old Generation Device. <i>Journal of Interventional Cardiology</i> , 2017, 30, 72-78.	0.5	48
95	The Inotropic Peptide Î²ARKct Improves Î²AR Responsiveness in Normal and Failing Cardiomyocytes Through G _{βγ} -Mediated L-Type Calcium Current Disinhibition. <i>Circulation Research</i> , 2011, 108, 27-39.	2.0	47
96	Cloning, functional characterization, and remodeling of K2P3.1 (TASK-1) potassium channels in a porcine model of atrial fibrillation and heart failure. <i>Heart Rhythm</i> , 2014, 11, 1798-1805.	0.3	47
97	Herg K ⁺ Channel-Dependent Apoptosis and Cell Cycle Arrest in Human Glioblastoma Cells. <i>PLoS ONE</i> , 2014, 9, e88164.	1.1	46
98	Fast assessment of long axis strain with standard cardiovascular magnetic resonance: a validation study of a novel parameter with reference values. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2015, 17, 69.	1.6	45
99	Role of ion channels in heart failure and channelopathies. <i>Biophysical Reviews</i> , 2018, 10, 1097-1106.	1.5	45
100	Inducible cardiomyocyte-specific deletion of CaM kinase II protects from pressure overload-induced heart failure. <i>Basic Research in Cardiology</i> , 2016, 111, 65.	2.5	44
101	Myocardial Perfusion Reserve and Strain-Encoded CMR for Evaluation of Cardiac Allograft Microvasculopathy. <i>JACC: Cardiovascular Imaging</i> , 2016, 9, 255-266.	2.3	44
102	Protocol for Efficient Generation and Characterization of Adeno-Associated Viral Vectors. <i>Human Gene Therapy Methods</i> , 2017, 28, 235-246.	2.1	44
103	Therapeutic targeting of two-pore-domain potassium (K2P) channels in the cardiovascular system. <i>Clinical Science</i> , 2016, 130, 643-650.	1.8	43
104	TREK-1 (K2P2.1) K ⁺ channels are suppressed in patients with atrial fibrillation and heart failure and provide therapeutic targets for rhythm control. <i>Basic Research in Cardiology</i> , 2017, 112, 8.	2.5	43
105	Genomic structural variations lead to dysregulation of important coding and non-coding RNA species in dilated cardiomyopathy. <i>EMBO Molecular Medicine</i> , 2018, 10, 107-120.	3.3	43
106	Data-driven estimation of cardiac electrical diffusivity from 12-lead ECG signals. <i>Medical Image Analysis</i> , 2014, 18, 1361-1376.	7.0	42
107	Age-Related Variations in Takotsubo Syndrome. <i>Journal of the American College of Cardiology</i> , 2020, 75, 1869-1877.	1.2	42
108	Basophils balance healing after myocardial infarction via IL-4/IL-13. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	42

#	ARTICLE	IF	CITATIONS
109	Prevalence of M4 macrophages within human coronary atherosclerotic plaques is associated with features of plaque instability. <i>International Journal of Cardiology</i> , 2015, 186, 219-225.	0.8	41
110	Ion Channel Dysfunctions in Dilated Cardiomyopathy in Limb-Girdle Muscular Dystrophy. <i>Circulation Genomic and Precision Medicine</i> , 2018, 11, e001893.	1.6	40
111	Assessment of Left Ventricular Volumes with Echocardiography and Cardiac Magnetic Resonance Imaging: Real-Life Evaluation of Standard versus New Semiautomatic Methods. <i>Journal of the American Society of Echocardiography</i> , 2014, 27, 1017-1024.	1.2	39
112	Diagnostic and Prognostic Value of Long-Axis Strain and Myocardial Contraction Fraction Using Standard Cardiovascular MR Imaging in Patients with Nonischemic Dilated Cardiomyopathies. <i>Radiology</i> , 2017, 283, 681-691.	3.6	38
113	Induction of cardiac dysfunction in developing and adult zebrafish by chronic isoproterenol stimulation. <i>Journal of Molecular and Cellular Cardiology</i> , 2017, 108, 95-105.	0.9	38
114	CaMKII activation participates in doxorubicin cardiotoxicity and is attenuated by moderate GRP78 overexpression. <i>PLoS ONE</i> , 2019, 14, e0215992.	1.1	38
115	Gender-specific reference values for high-sensitivity cardiac troponin T and I in well-phenotyped healthy individuals and validity of high-sensitivity assay designation. <i>Clinical Biochemistry</i> , 2020, 78, 18-24.	0.8	38
116	Myocardial injury in severe COVID-19 infection. <i>European Heart Journal</i> , 2020, 41, 2080-2082.	1.0	38
117	Feasibility and clinical benefit of a suture-mediated closure device for femoral vein access after percutaneous edge-to-edge mitral valve repair. <i>EuroIntervention</i> , 2015, 10, 1346-1353.	1.4	38
118	Quantitative analysis of left ventricular strain using cardiac computed tomography. <i>European Journal of Radiology</i> , 2014, 83, e123-e130.	1.2	37
119	The Novel Extracellular Cyclophilin A (CyPA) - Inhibitor MM284 Reduces Myocardial Inflammation and Remodeling in a Mouse Model of Troponin I-Induced Myocarditis. <i>PLoS ONE</i> , 2015, 10, e0124606.	1.1	37
120	Stretch-activated two-pore-domain (K2P) potassium channels in the heart: Focus on atrial fibrillation and heart failure. <i>Progress in Biophysics and Molecular Biology</i> , 2017, 130, 233-243.	1.4	37
121	In-hospital mortality in propensity-score matched low-risk patients undergoing routine isolated surgical or transfemoral transcatheter aortic valve replacement in 2014 in Germany. <i>Clinical Research in Cardiology</i> , 2017, 106, 610-617.	1.5	37
122	A comparative study on endovascular treatment of (sub)acute critical limb ischemia: mechanical thrombectomy vs thrombolysis. <i>Drug Design, Development and Therapy</i> , 2017, Volume 11, 1233-1241.	2.0	37
123	Fast Strain-Encoded Cardiac Magnetic Resonance for Diagnostic Classification and Risk Stratification of Heart Failure Patients. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 1177-1188.	2.3	37
124	Calcium/Calmodulin-Dependent Protein Kinase II Couples Wnt Signaling With Histone Deacetylase 4 and Mediates Dishevelled-Induced Cardiomyopathy. <i>Hypertension</i> , 2015, 65, 335-344.	1.3	36
125	Intraventricular Thrombus Formation and Embolism in Takotsubo Syndrome. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, 279-287.	1.1	34
126	Serial Sampling of High-Sensitivity Cardiac Troponin T May Not Be Required for Prediction of Acute Myocardial Infarction Diagnosis in Chest Pain Patients with Highly Abnormal Concentrations at Presentation. <i>Clinical Chemistry</i> , 2017, 63, 542-551.	1.5	33

#	ARTICLE	IF	CITATIONS
127	Atrial fibrillation and heart failure-associated remodeling of two-pore-domain potassium (K2P) channels in murine disease models: focus on TASK-1. <i>Basic Research in Cardiology</i> , 2018, 113, 27.	2.5	33
128	Protein Misfolding in Cardiac Disease. <i>Circulation</i> , 2019, 139, 2085-2088.	1.6	33
129	Late gadolinium enhancement assessed by cardiac magnetic resonance imaging in heart transplant recipients with different stages of cardiac allograft vasculopathy. <i>European Heart Journal Cardiovascular Imaging</i> , 2014, 15, 1125-1132.	0.5	32
130	Myocardial contraction fraction derived from cardiovascular magnetic resonance cine images—reference values and performance in patients with heart failure and left ventricular hypertrophy. <i>European Heart Journal Cardiovascular Imaging</i> , 2017, 18, 1414-1422.	0.5	32
131	Reference values for left and right ventricular trabeculation and non-compacted myocardium. <i>International Journal of Cardiology</i> , 2015, 185, 240-247.	0.8	31
132	Incremental value of cardiac deformation analysis in acute myocarditis: a cardiovascular magnetic resonance imaging study. <i>International Journal of Cardiovascular Imaging</i> , 2016, 32, 1093-1101.	0.7	31
133	Essential role of sympathetic endothelin A receptors for adverse cardiac remodeling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 13499-13504.	3.3	30
134	G protein-coupled receptor kinase 2 promotes cardiac hypertrophy. <i>PLoS ONE</i> , 2017, 12, e0182110.	1.1	30
135	Experimental ischaemic stroke induces transient cardiac atrophy and dysfunction. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2019, 10, 54-62.	2.9	30
136	Quantification of myocardial deformation in children by cardiovascular magnetic resonance feature tracking: determination of reference values for left ventricular strain and strain rate. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 19, 8.	1.6	29
137	Amyloid- β (1-40) and Mortality in Patients With Non-ST-Segment Elevation Acute Coronary Syndrome. <i>Annals of Internal Medicine</i> , 2018, 168, 855.	2.0	29
138	Performance analysis of AL amyloidosis cardiac biomarker staging systems with special focus on renal failure and atrial arrhythmia. <i>Haematologica</i> , 2019, 104, 1451-1459.	1.7	29
139	CITED4 Protects Against Adverse Remodeling in Response to Physiological and Pathological Stress. <i>Circulation Research</i> , 2020, 127, 631-646.	2.0	29
140	European Society of Cardiology: cardiovascular disease statistics 2021: Executive Summary. <i>European Heart Journal Quality of Care & Clinical Outcomes</i> , 2022, 8, 377-382.	1.8	29
141	Inflammatory therapeutic targets in coronary atherosclerosis—from molecular biology to clinical application. <i>Frontiers in Physiology</i> , 2014, 5, 455.	1.3	28
142	Adventitial tertiary lymphoid organ classification in human atherosclerosis. <i>Cardiovascular Pathology</i> , 2018, 32, 8-14.	0.7	28
143	New insights into the genetics of glioblastoma multiforme by familial exome sequencing. <i>Oncotarget</i> , 2015, 6, 5918-5931.	0.8	28
144	Analysis of malignancies in patients after heart transplantation with subsequent immunosuppressive therapy. <i>Drug Design, Development and Therapy</i> , 2014, 9, 93.	2.0	27

#	ARTICLE	IF	CITATIONS
145	Prognostic value of elevated high-sensitivity cardiac troponin T levels in a low risk outpatient population with cardiovascular disease. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2016, 5, 409-418.	0.4	27
146	Bisoprolol compared with carvedilol and metoprolol succinate in the treatment of patients with chronic heart failure. <i>Clinical Research in Cardiology</i> , 2017, 106, 711-721.	1.5	27
147	Skeletal muscle derived Musclin protects the heart during pathological overload. <i>Nature Communications</i> , 2022, 13, 149.	5.8	27
148	Standard heart failure medication in cardiac transthyretin amyloidosis: useful or harmful?. <i>Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis</i> , 2017, 24, 132-133.	1.4	26
149	Galectin-3 binding protein, coronary artery disease and cardiovascular mortality: Insights from the LURIC study. <i>Atherosclerosis</i> , 2017, 260, 121-129.	0.4	26
150	Biomarkers for Clinical Decision-Making in the Management of Pulmonary Embolism. <i>Clinical Chemistry</i> , 2017, 63, 91-100.	1.5	26
151	Comprehensive plasma and tissue profiling reveals systemic metabolic alterations in cardiac hypertrophy and failure. <i>Cardiovascular Research</i> , 2019, 115, 1296-1305.	1.8	26
152	Comparative efficacy of sodium-glucose cotransporter-2 inhibitors (SGLT2i) for cardiovascular outcomes in type 2 diabetes: a systematic review and network meta-analysis of randomised controlled trials. <i>Heart Failure Reviews</i> , 2021, 26, 1421-1435.	1.7	26
153	Mechanosensitive TREK-1 two-pore-domain potassium (K2P) channels in the cardiovascular system. <i>Progress in Biophysics and Molecular Biology</i> , 2021, 159, 126-135.	1.4	26
154	Prognostic value of novel imaging parameters derived from standard cardiovascular magnetic resonance in high risk patients with systemic light chain amyloidosis. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2019, 21, 53.	1.6	25
155	Glucagon-like peptide 1 levels predict cardiovascular risk in patients with acute myocardial infarction. <i>European Heart Journal</i> , 2020, 41, 882-889.	1.0	25
156	Genetic Ablation of TASK-1 (Tandem of P Domains in a Weak Inward Rectifying K ⁺ Channel) Suppresses Atrial Fibrillation and Prevents Electrical Remodeling. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2019, 12, e007465.	2.1	25
157	Combined testing of copeptin and high-sensitivity cardiac troponin T at presentation in comparison to other algorithms for rapid rule-out of acute myocardial infarction. <i>International Journal of Cardiology</i> , 2019, 276, 261-267.	0.8	25
158	Epicardial Adipose Tissue Is Associated with Plaque Burden and Composition and Provides Incremental Value for the Prediction of Cardiac Outcome. A Clinical Cardiac Computed Tomography Angiography Study. <i>PLoS ONE</i> , 2016, 11, e0155120.	1.1	24
159	Differential regulation of aldose reductase expression during macrophage polarization depends on hyperglycemia. <i>Innate Immunity</i> , 2016, 22, 230-237.	1.1	24
160	Impact of aspirin on takotsubo syndrome: a propensity score-based analysis of the InterTAK Registry. <i>European Journal of Heart Failure</i> , 2020, 22, 330-337.	2.9	24
161	Initial experience with robotic navigation for catheter ablation of paroxysmal and persistent atrial fibrillation. <i>Journal of Electrocardiology</i> , 2012, 45, 95-101.	0.4	23
162	Cardiovascular magnetic resonance of cardiac morphology and function: impact of different strategies of contour drawing and indexing. <i>Clinical Research in Cardiology</i> , 2019, 108, 411-429.	1.5	23

#	ARTICLE	IF	CITATIONS
163	Comparative Transcriptomics of Immune Checkpoint Inhibitor Myocarditis Identifies Guanylate Binding Protein 5 and 6 Dysregulation. <i>Cancers</i> , 2021, 13, 2498.	1.7	23
164	Longitudinal Association between Body Mass Index and Health-Related Quality of Life. <i>PLoS ONE</i> , 2014, 9, e93071.	1.1	23
165	Involvement of BAG3 and HSPB7 loci in various etiologies of systolic heart failure: Results of a European collaboration assembling more than 2000 patients. <i>International Journal of Cardiology</i> , 2015, 189, 105-107.	0.8	22
166	S100A6 Regulates Endothelial Cell Cycle Progression by Attenuating Antiproliferative Signal Transducers and Activators of Transcription 1 Signaling. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 1854-1867.	1.1	22
167	Incremental value of cardiac magnetic resonance for the evaluation of cardiac tumors in adults: experience of a high volume tertiary cardiology centre. <i>International Journal of Cardiovascular Imaging</i> , 2017, 33, 879-888.	0.7	22
168	Relevance of pre-analytical blood management on the emerging cardiovascular protein biomarkers TWEAK and HMGB1 and on miRNA serum and plasma profiling. <i>Clinical Biochemistry</i> , 2017, 50, 186-193.	0.8	22
169	Deep Characterization of Circular RNAs from Human Cardiovascular Cell Models and Cardiac Tissue. <i>Cells</i> , 2020, 9, 1616.	1.8	22
170	Effects of Increased Von Willebrand Factor Levels on Primary Hemostasis in Thrombocytopenic Patients with Liver Cirrhosis. <i>PLoS ONE</i> , 2014, 9, e112583.	1.1	22
171	Combined Assessment of High-Sensitivity Troponin T and Noninvasive Coronary Plaque Composition for the Prediction of Cardiac Outcomes. <i>Radiology</i> , 2015, 276, 73-81.	3.6	21
172	The need for dedicated advanced heart failure units to optimize heart failure care: impact of optimized advanced heart failure unit care on heart transplant outcome in high-risk patients. <i>ESC Heart Failure</i> , 2018, 5, 1108-1117.	1.4	21
173	Treatment of atrial fibrillation with doxapram: TASK-1 potassium channel inhibition as a novel pharmacological strategy. <i>Cardiovascular Research</i> , 2022, 118, 1728-1741.	1.8	21
174	Cardiac magnetic resonance and computed tomography angiography for clinical imaging of stable coronary artery disease. Diagnostic classification and risk stratification. <i>Frontiers in Physiology</i> , 2014, 5, 291.	1.3	20
175	Carvedilol Compared With Metoprolol Succinate in the Treatment and Prognosis of Patients With Stable Chronic Heart Failure. <i>Circulation: Heart Failure</i> , 2015, 8, 887-896.	1.6	20
176	A self-taught artificial agent for multi-physics computational model personalization. <i>Medical Image Analysis</i> , 2016, 34, 52-64.	7.0	20
177	A comprehensive analysis of cardiac valve plane displacement in healthy adults: age-stratified normal values by cardiac magnetic resonance. <i>International Journal of Cardiovascular Imaging</i> , 2017, 33, 721-729.	0.7	20
178	Cardiovascular adverse events in multiple myeloma patients. <i>Journal of Thoracic Disease</i> , 2018, 10, S4296-S4305.	0.6	20
179	Haemodynamic effects of percutaneous mitral valve edge-to-edge repair in patients with end-stage heart failure awaiting heart transplantation. <i>ESC Heart Failure</i> , 2018, 5, 892-901.	1.4	20
180	Systematic RNA-interference in primary human monocyte-derived macrophages: A high-throughput platform to study foam cell formation. <i>Scientific Reports</i> , 2018, 8, 10516.	1.6	20

#	ARTICLE	IF	CITATIONS
181	Prediction of short- and long-term mortality in takotsubo syndrome: the InterTAK Prognostic Score. <i>European Journal of Heart Failure</i> , 2019, 21, 1469-1472.	2.9	20
182	Energy Metabolites as Biomarkers in Ischemic and Dilated Cardiomyopathy. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1999.	1.8	20
183	Myocardial mechanics in dilated cardiomyopathy: prognostic value of left ventricular torsion and strain. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2021, 23, 136.	1.6	20
184	Long-term changes of renal function in relation to ace inhibitor/angiotensin receptor blocker dosing in patients with heart failure and chronic kidney disease. <i>American Heart Journal</i> , 2016, 178, 28-36.	1.2	19
185	Efficacy of enteral ticagrelor in hypothermic patients after out-of-hospital cardiac arrest. <i>Clinical Research in Cardiology</i> , 2016, 105, 332-340.	1.5	19
186	A Novel Lipid Biomarker Panel for the Detection of Heart Failure with Reduced Ejection Fraction. <i>Clinical Chemistry</i> , 2017, 63, 267-277.	1.5	19
187	Left ventricular ejection fraction and presence of myocardial necrosis assessed by cardiac magnetic resonance imaging correctly risk stratify patients with stable coronary artery disease: a multi-center all-comers trial. <i>Clinical Research in Cardiology</i> , 2017, 106, 219-229.	1.5	19
188	Risk factors and survival of patients with permanent pacemaker implantation after heart transplantation. <i>Journal of Thoracic Disease</i> , 2019, 11, 5440-5452.	0.6	19
189	Comparison of ante-versus retrograde access for the endovascular treatment of long and calcified, de novo femoropopliteal occlusive lesions. <i>Heart and Vessels</i> , 2020, 35, 346-359.	0.5	19
190	Identification of dynamic RNA-binding proteins uncovers a Cpeb4-controlled regulatory cascade during pathological cell growth of cardiomyocytes. <i>Cell Reports</i> , 2021, 35, 109100.	2.9	19
191	High-sensitivity cardiac troponin T determines all-cause mortality in cancer patients: a single-centre cohort study. <i>ESC Heart Failure</i> , 2021, 8, 3709-3719.	1.4	19
192	One-year results following PASCAL-based or MitraClip-based mitral valve transcatheter edge-to-edge repair. <i>ESC Heart Failure</i> , 2022, 9, 853-865.	1.4	19
193	Enhancement of K2P2.1 (TREK1) background currents expressed in <i>Xenopus</i> oocytes by voltage-gated K ⁺ channel β subunits. <i>Life Sciences</i> , 2012, 91, 377-383.	2.0	18
194	TNF-Like Weak Inducer of Apoptosis Aggravates Left Ventricular Dysfunction after Myocardial Infarction in Mice. <i>Mediators of Inflammation</i> , 2014, 2014, 1-11.	1.4	18
195	Adventitial inflammation and its interaction with intimal atherosclerotic lesions. <i>Frontiers in Physiology</i> , 2014, 5, 296.	1.3	18
196	The prognostic value of right ventricular long axis strain in non-ischaemic dilated cardiomyopathies using standard cardiac magnetic resonance imaging. <i>European Radiology</i> , 2017, 27, 3913-3923.	2.3	18
197	Limits of the possible: diagnostic image quality in coronary angiography with third-generation dual-source CT. <i>Clinical Research in Cardiology</i> , 2017, 106, 485-492.	1.5	18
198	Control of cardiac chronotropic function in patients after heart transplantation: effects of ivabradine and metoprolol succinate on resting heart rate in the denervated heart. <i>Clinical Research in Cardiology</i> , 2018, 107, 138-147.	1.5	18

#	ARTICLE	IF	CITATIONS
199	Epidemiology and long-term outcome in outpatients with chronic heart failure in Northwestern Europe. <i>Heart</i> , 2019, 105, 1252-1259.	1.2	18
200	Elevated pre- ϵ transplant pulmonary vascular resistance is associated with early post- ϵ transplant atrial fibrillation and mortality. <i>ESC Heart Failure</i> , 2020, 7, 177-188.	1.4	18
201	Rotor Termination Is Critically Dependent on Kinetic Properties of IKur Inhibitors in an In Silico Model of Chronic Atrial Fibrillation. <i>PLoS ONE</i> , 2013, 8, e83179.	1.1	17
202	Peritoneal ultrafiltration in end-stage chronic heart failure. <i>CKJ: Clinical Kidney Journal</i> , 2015, 8, 219-225.	1.4	17
203	Addition of copeptin improves diagnostic performance of point-of-care testing (POCT) for cardiac troponin T in early rule-out of myocardial infarction – A pilot study. <i>International Journal of Cardiology</i> , 2015, 198, 26-30.	0.8	17
204	Combined non-invasive assessment of endothelial shear stress and molecular imaging of inflammation for the prediction of inflamed plaque in hyperlipidaemic rabbit aortas. <i>European Heart Journal Cardiovascular Imaging</i> , 2017, 18, 19-30.	0.5	17
205	Prognostic value of elevated high-sensitivity cardiac troponin T in patients admitted to an emergency department with atrial fibrillation. <i>Europace</i> , 2018, 20, 582-588.	0.7	17
206	$\langle \text{scp} \rangle \text{TIP} \langle / \text{scp} \rangle$ 30 counteracts cardiac hypertrophy and failure by inhibiting translational elongation. <i>EMBO Molecular Medicine</i> , 2019, 11, e10018.	3.3	17
207	Invasive hemodynamics and cardiac biomarkers to predict outcomes after percutaneous edge-to-edge mitral valve repair in patients with severe heart failure. <i>Clinical Research in Cardiology</i> , 2019, 108, 375-387.	1.5	17
208	Management and outcomes of patients with unstable angina with undetectable, normal, or intermediate hsTnT levels. <i>Clinical Research in Cardiology</i> , 2020, 109, 476-487.	1.5	17
209	Inhibition of B7-1 (CD80) by RhuDex® reduces lipopolysaccharide-mediated inflammation in human atherosclerotic lesions. <i>Drug Design, Development and Therapy</i> , 2014, 8, 447.	2.0	16
210	Novel biomarkers for risk stratification in pulmonary arterial hypertension. <i>ERJ Open Research</i> , 2015, 1, 00008-2015.	1.1	16
211	Cardiomyocytes, endothelial cells and cardiac fibroblasts: S100A1's triple action in cardiovascular pathophysiology. <i>Future Cardiology</i> , 2015, 11, 309-321.	0.5	16
212	RNA splicing regulated by RBFOX1 is essential for cardiac function in zebrafish. <i>Journal of Cell Science</i> , 2015, 128, 3030-40.	1.2	16
213	Cardiac involvement in patients with rheumatic disorders: Data of the RHEU-M(A)R study. <i>International Journal of Cardiology</i> , 2016, 224, 37-49.	0.8	16
214	Atrial myofibroblast activation and connective tissue formation in a porcine model of atrial fibrillation and reduced left ventricular function. <i>Life Sciences</i> , 2017, 181, 1-8.	2.0	16
215	Peak V&sup>2</sup> is an independent predictor of survival in patients with cardiac amyloidosis. <i>Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis</i> , 2018, 25, 167-173.	1.4	16
216	Inflammation leads through $\langle \text{scp} \rangle \text{PGE} \langle / \text{scp} \rangle$ / $\langle \text{scp} \rangle \text{EP} \langle / \text{scp} \rangle$ ₃ signaling to $\langle \text{scp} \rangle \text{HDAC} \langle / \text{scp} \rangle$ 5/ $\langle \text{scp} \rangle \text{MEF} \langle / \text{scp} \rangle$ 2® dependent transcription in cardiac myocytes. <i>EMBO Molecular Medicine</i> , 2018, 10, .	3.3	16

#	ARTICLE	IF	CITATIONS
217	Machine learning-based risk prediction of intrahospital clinical outcomes in patients undergoing TAVI. <i>Clinical Research in Cardiology</i> , 2021, 110, 343-356.	1.5	16
218	Novel Endothelial Cell-Specific AQP1 Knockout Mice Confirm the Crucial Role of Endothelial AQP1 in Ultrafiltration during Peritoneal Dialysis. <i>PLoS ONE</i> , 2016, 11, e0145513.	1.1	16
219	Identification of the A293 (AVE1231) Binding Site in the Cardiac Two-PoreDomain Potassium Channel TASK-1: a Common Low Affinity Antiarrhythmic Drug Binding Site. <i>Cellular Physiology and Biochemistry</i> , 2019, 52, 1223-1235.	1.1	16
220	Double-Stranded Ligation Assay for the Rapid Multiplex Quantification of MicroRNAs. <i>Analytical Chemistry</i> , 2015, 87, 12104-12111.	3.2	15
221	Right ventricular long axis strain validation of a novel parameter in non-ischemic dilated cardiomyopathy using standard cardiac magnetic resonance imaging. <i>European Journal of Radiology</i> , 2016, 85, 1322-1328.	1.2	15
222	Improved image quality with simultaneously reduced radiation exposure: Knowledge-based iterative model reconstruction algorithms for coronary CT angiography in a clinical setting. <i>Journal of Cardiovascular Computed Tomography</i> , 2017, 11, 213-220.	0.7	15
223	Large atrial thrombus formation after MitraClip implantation: is anticoagulation mandatory?. <i>Journal of Heart Valve Disease</i> , 2011, 20, 146-8.	0.5	15
224	Long-term survival in a patient with AL amyloidosis after cardiac transplantation followed by autologous stem cell transplantation. <i>Clinical Research in Cardiology</i> , 2006, 95, 671-674.	1.5	14
225	Education to a Healthy Lifestyle Improves Symptoms and Cardiovascular Risk Factors - AsuRiesgo Study. <i>Arquivos Brasileiros De Cardiologia</i> , 2015, 104, 347-55.	0.3	14
226	S100A1 DNA-based Inotropic Therapy Protects Against Proarrhythmogenic Ryanodine Receptor 2 Dysfunction. <i>Molecular Therapy</i> , 2015, 23, 1320-1330.	3.7	14
227	AMP-activated protein kinase β 1-sensitive activation of AP-1 in cardiomyocytes. <i>Journal of Molecular and Cellular Cardiology</i> , 2016, 97, 36-43.	0.9	14
228	Left Ventricular Biopsy in the Diagnosis of Myocardial Diseases. <i>Circulation</i> , 2018, 137, 993-995.	1.6	14
229	Influence of irregular heart rhythm on radiation exposure, image quality and diagnostic impact of cardiac computed tomography angiography in 4,339 patients. Data from the German Cardiac Computed Tomography Registry. <i>Journal of Cardiovascular Computed Tomography</i> , 2018, 12, 34-41.	0.7	14
230	COPD in patients after heart transplantation is associated with a prolonged hospital stay, early posttransplant atrial fibrillation, and impaired posttransplant survival. <i>Clinical Epidemiology</i> , 2018, Volume 10, 1359-1369.	1.5	14
231	Inhibition of Histone Deacetylases Induces K ⁺ Channel Remodeling and Action Potential Prolongation in HL-1 Atrial Cardiomyocytes. <i>Cellular Physiology and Biochemistry</i> , 2018, 49, 65-77.	1.1	14
232	Evidence for a cardiac metabolic switch in patients with Hodgkin's lymphoma. <i>ESC Heart Failure</i> , 2019, 6, 824-829.	1.4	14
233	READY: relative efficacy of loop diuretics in patients with chronic systolic heart failure a systematic review and network meta-analysis of randomised trials. <i>Heart Failure Reviews</i> , 2019, 24, 461-472.	1.7	14
234	High-sensitivity cardiac troponin T as an independent predictor of stroke in patients admitted to an emergency department with atrial fibrillation. <i>PLoS ONE</i> , 2019, 14, e0212278.	1.1	14

#	ARTICLE	IF	CITATIONS
235	Guideline-adherence regarding critical time intervals in the German Chest Pain Unit registry. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2020, 9, 52-61.	0.4	14
236	Proteomic analysis of the cardiac myocyte secretome reveals extracellular protective functions for the ER stress response. <i>Journal of Molecular and Cellular Cardiology</i> , 2020, 143, 132-144.	0.9	14
237	HDAC2-dependent remodeling of KCa2.2 (KCNN2) and KCa2.3 (KCNN3) K ⁺ channels in atrial fibrillation with concomitant heart failure. <i>Life Sciences</i> , 2021, 266, 118892.	2.0	14
238	Current Drug Treatment Strategies for Atrial Fibrillation and TASK-1 Inhibition as an Emerging Novel Therapy Option. <i>Frontiers in Pharmacology</i> , 2021, 12, 638445.	1.6	14
239	Advantageous effects of immunosuppression with tacrolimus in comparison with cyclosporine A regarding renal function in patients after heart transplantation. <i>Drug Design, Development and Therapy</i> , 2015, 9, 1217.	2.0	13
240	Fibroblast growth factor 23 (FGF-23) is an early predictor of mortality in patients with cardiac arrest. <i>Resuscitation</i> , 2016, 98, 91-96.	1.3	13
241	Safety of symptom-limited exercise testing in a big cohort of a modern ICD population. <i>Clinical Research in Cardiology</i> , 2016, 105, 53-58.	1.5	13
242	Use of the wearable cardioverter-defibrillator (WCD) and WCD-based remote rhythm monitoring in a real-life patient cohort. <i>Heart and Vessels</i> , 2018, 33, 1390-1402.	0.5	13
243	A novel risk score to predict survival in advanced heart failure due to cardiac amyloidosis. <i>Clinical Research in Cardiology</i> , 2020, 109, 700-713.	1.5	13
244	Hyperventilation/Breath-Hold Maneuver to Detect Myocardial Ischemia by Strain-Encoded CMR. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 1932-1944.	2.3	13
245	Muscle-specific Cand2 is translationally upregulated by mTORC1 and promotes adverse cardiac remodeling. <i>EMBO Reports</i> , 2021, 22, e52170.	2.0	13
246	Indications for predissmissal testing with arrhythmia-induction in patients receiving an implantable cardioverter defibrillator. <i>Clinical Research in Cardiology</i> , 2007, 96, 613-620.	1.5	12
247	Pros and cons of high-sensitivity assays for cardiac troponin. <i>Nature Reviews Cardiology</i> , 2012, 9, 616-618.	6.1	12
248	Biological variation, reference change value (RCV) and minimal important difference (MID) of inspiratory muscle strength (P _{Imax}) in patients with stable chronic heart failure. <i>Clinical Research in Cardiology</i> , 2015, 104, 822-830.	1.5	12
249	The Effects of Mitral Valve Repair on Memory Performance, Executive Function, and Psychological Measures in Patients With Heart Failure. <i>Psychosomatic Medicine</i> , 2016, 78, 432-442.	1.3	12
250	Long-term outcome of patients with and without super-response to CRT-D. <i>Clinical Research in Cardiology</i> , 2016, 105, 341-348.	1.5	12
251	Regional differences in prognostic value of cardiac valve plane displacement in systemic light-chain amyloidosis. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2017, 19, 87.	1.6	12
252	New Targets for Old Drugs: Cardiac Glycosides Inhibit Atrial-Specific K ⁺ _{ATP} 3.1 (TASK-1) Channels. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2018, 365, 614-623.	1.3	12

#	ARTICLE	IF	CITATIONS
253	Percutaneous repair of mitral valve regurgitation in patients with severe heart failure: comparison with optimal medical treatment. <i>Acta Cardiologica</i> , 2018, 73, 378-386.	0.3	12
254	N-Glycosylation of TREK-1/hK2P2.1 Two-Pore-Domain Potassium (K2P) Channels. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5193.	1.8	12
255	Safety and effectiveness of Phoenix atherectomy for endovascular treatment in calcified common femoral artery lesions. <i>Vasa - European Journal of Vascular Medicine</i> , 2021, 50, 378-386.	0.6	12
256	Deep Learning Approaches Outperform Conventional Strategies in De-Identification of German Medical Reports. <i>Studies in Health Technology and Informatics</i> , 2019, 267, 101-109.	0.2	12
257	When Do We Really Need Coronary Calcium Scoring Prior to Contrast-Enhanced Coronary Computed Tomography Angiography? Analysis by Age, Gender and Coronary Risk Factors. <i>PLoS ONE</i> , 2014, 9, e92396.	1.1	11
258	Dobutamine stress cardiac magnetic resonance versus echocardiography for the assessment of outcome in patients with suspected or known coronary artery disease. Are the two imaging modalities comparable?. <i>International Journal of Cardiology</i> , 2014, 171, 153-160.	0.8	11
259	Heat-shock-protein 90 protects from downregulation of HIF-1 α in calcineurin-induced myocardial hypertrophy. <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 85, 117-126.	0.9	11
260	Identification of novel antigens contributing to autoimmunity in cardiovascular diseases. <i>Clinical Immunology</i> , 2016, 173, 64-75.	1.4	11
261	Anterior Aortic Plane Systolic Excursion: A Novel Indicator of Transplant-Free Survival in Systemic Light-Chain Amyloidosis. <i>Journal of the American Society of Echocardiography</i> , 2016, 29, 1188-1196.	1.2	11
262	Comparative effectiveness of enalapril, lisinopril, and ramipril in the treatment of patients with chronic heart failure: a propensity score-matched cohort study. <i>European Heart Journal - Cardiovascular Pharmacotherapy</i> , 2018, 4, 82-92.	1.4	11
263	Reduced Na ⁺ Current in Native Cardiomyocytes of a Brugada Syndrome Patient Associated With β -2-Syntrophin Mutation. <i>Circulation Genomic and Precision Medicine</i> , 2018, 11, e002263.	1.6	11
264	PRAS40 suppresses atherogenesis through inhibition of mTORC1-dependent pro-inflammatory signaling in endothelial cells. <i>Scientific Reports</i> , 2019, 9, 16787.	1.6	11
265	Antiarrhythmic Properties of Ranolazine: Inhibition of Atrial Fibrillation Associated TASK-1 Potassium Channels. <i>Frontiers in Pharmacology</i> , 2019, 10, 1367.	1.6	11
266	Temporary oral anticoagulation after MitraClip â€” a strategy to lower the incidence of post-procedural stroke?. <i>Acta Cardiologica</i> , 2020, 75, 61-67.	0.3	11
267	The arrhythmogenic face of COVID-19: Brugada ECG pattern during acute infection. <i>European Heart Journal - Case Reports</i> , 2020, 4, 1-2.	0.3	11
268	MitraClip implantation followed by insertion of a left ventricular assist device in patients with advanced heart failure. <i>ESC Heart Failure</i> , 2020, 7, 3891-3900.	1.4	11
269	Feasibility of CardioSecur ^Â , a Mobile 4-Electrode/22-Lead ECG Device, in the Prehospital Emergency Setting. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 551796.	1.1	11
270	Saraf-dependent activation of mTORC1 regulates cardiac growth. <i>Journal of Molecular and Cellular Cardiology</i> , 2020, 141, 30-42.	0.9	11

#	ARTICLE	IF	CITATIONS
271	Long-term outcome upon treatment of calcified lesions of the lower limb using scoring angioplasty balloon (AngioSculpt [®] , Φ). <i>Clinical Research in Cardiology</i> , 2020, 109, 1177-1185.	1.5	11
272	The diagnostic benefit of 16S rDNA PCR examination of infective endocarditis heart valves: a cohort study of 146 surgical cases confirmed by histopathology. <i>Clinical Research in Cardiology</i> , 2021, 110, 332-342.	1.5	11
273	Transcatheter or surgical aortic valve implantation in chronic dialysis patients: a German Aortic Valve Registry analysis. <i>Clinical Research in Cardiology</i> , 2021, 110, 357-367.	1.5	11
274	Development, validation, and implementation of biomarker testing in cardiovascular medicine state-of-the-art: proceedings of the European Society of Cardiology's Cardiovascular Round Table. <i>Cardiovascular Research</i> , 2021, 117, 1248-1256.	1.8	11
275	Feasibility of real-time magnetic resonance imaging-guided endomyocardial biopsies: An <i>in-vitro</i> study. <i>World Journal of Cardiology</i> , 2015, 7, 415.	0.5	11
276	Depletion of cardiac catecholamine stores impairs cardiac norepinephrine re-uptake by downregulation of the norepinephrine transporter. <i>PLoS ONE</i> , 2017, 12, e0172070.	1.1	10
277	Beta blockers and chronic heart failure patients: prognostic impact of a dose targeted beta blocker therapy vs. heart rate targeted strategy. <i>Clinical Research in Cardiology</i> , 2018, 107, 1040-1049.	1.5	10
278	Genetic Reduction in Left Ventricular Protein Kinase C β and Adverse Ventricular Remodeling in Human Subjects. <i>Circulation Genomic and Precision Medicine</i> , 2018, 11, e001901.	1.6	10
279	Comparative effectiveness of loop diuretics on mortality in the treatment of patients with chronic heart failure: A multicenter propensity score matched analysis. <i>International Journal of Cardiology</i> , 2019, 289, 83-90.	0.8	10
280	Various effects of AAV9-mediated β 2ARKct gene therapy on the heart in dystrophin-deficient (mdx) mice and β -sarcoglycan-deficient (Sgcd ^{-/-}) mice. <i>Neuromuscular Disorders</i> , 2019, 29, 231-241.	0.3	10
281	The chameleon of cardiology: cardiac sarcoidosis before and after heart transplantation. <i>ESC Heart Failure</i> , 2020, 7, 692-696.	1.4	10
282	AAV-mediated expression of NFAT decoy oligonucleotides protects from cardiac hypertrophy and heart failure. <i>Basic Research in Cardiology</i> , 2021, 116, 38.	2.5	10
283	Prognostic performance of kinetic changes of high-sensitivity troponin T in acute coronary syndrome and in patients with increased troponin without acute coronary syndrome. <i>International Journal of Cardiology</i> , 2014, 174, 524-529.	0.8	9
284	Ongoing controversies surrounding cardiac remodeling: is it black and white or rather fifty shades of gray?. <i>Frontiers in Physiology</i> , 2015, 6, 202.	1.3	9
285	Biological variation of extracellular matrix biomarkers in patients with stable chronic heart failure. <i>Clinical Research in Cardiology</i> , 2017, 106, 974-985.	1.5	9
286	Variability of cardiovascular magnetic resonance (CMR) T1 mapping parameters in healthy volunteers during long-term follow-up. <i>Open Heart</i> , 2018, 5, e000717.	0.9	9
287	Percutaneous repair of severe mitral valve regurgitation secondary to chordae rupture in octogenarians using MitraClip. <i>Journal of Interventional Cardiology</i> , 2018, 31, 76-82.	0.5	9
288	Pacemaker cell characteristics of differentiated and HCN4-transduced human mesenchymal stem cells. <i>Life Sciences</i> , 2019, 232, 116620.	2.0	9

#	ARTICLE	IF	CITATIONS
289	Effects of crowding in the emergency department on the diagnosis and management of suspected acute coronary syndrome using rapid algorithms: an observational study. <i>BMJ Open</i> , 2020, 10, e041757.	0.8	9
290	Prognostic value of texture analysis from cardiac magnetic resonance imaging in patients with Takotsubo syndrome: a machine learning based proof-of-principle approach. <i>Scientific Reports</i> , 2020, 10, 20537.	1.6	9
291	Epigenetic regulation of cardiac electrophysiology in atrial fibrillation: HDAC2 determines action potential duration and suppresses NRSF in cardiomyocytes. <i>Basic Research in Cardiology</i> , 2021, 116, 13.	2.5	9
292	A genetic variant alters the secondary structure of the lncRNA H19 and is associated with dilated cardiomyopathy. <i>RNA Biology</i> , 2021, 18, 409-415.	1.5	9
293	Assessment of coronary artery disease using coronary computed tomography angiography and biochemical markers. <i>World Journal of Cardiology</i> , 2014, 6, 663.	0.5	9
294	Discriminating atrial flutter from atrial fibrillation using a multilevel model of atrioventricular conduction. <i>Heart Rhythm</i> , 2014, 11, 877-884.	0.3	8
295	A Human &em>Ex Vivo&em> Atherosclerotic Plaque Model to Study Lesion Biology. <i>Journal of Visualized Experiments</i> , 2014, , .	0.2	8
296	Determined to Fail"the Role of Genetic Mechanisms in Heart Failure. <i>Current Heart Failure Reports</i> , 2015, 12, 333-338.	1.3	8
297	Therapeutic hypothermia impacts leukocyte kinetics after cardiac arrest. <i>Cardiovascular Diagnosis and Therapy</i> , 2016, 6, 199-207.	0.7	8
298	Locally Targeted Cardiac Gene Delivery by AAV Microbubble Destruction in a Large Animal Model. <i>Human Gene Therapy Methods</i> , 2016, 27, 71-78.	2.1	8
299	Pathway-based variant enrichment analysis on the example of dilated cardiomyopathy. <i>Human Genetics</i> , 2016, 135, 31-40.	1.8	8
300	Unidimensional Longitudinal Strain: A Simple Approach for the Assessment of Longitudinal Myocardial Deformation by Echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2018, 31, 733-742.	1.2	8
301	Characterization of hospitalized cardiovascular patients with suspected heparin"induced thrombocytopenia. <i>Clinical Cardiology</i> , 2018, 41, 1521-1526.	0.7	8
302	N-glycosylation"dependent regulation of hK2P17.1 currents. <i>Molecular Biology of the Cell</i> , 2019, 30, 1425-1436.	0.9	8
303	Relative Efficacy of Spironolactone, Eplerenone, and cAnRenone in patients with Chronic Heart failure (RESEARCH): a systematic review and network meta-analysis of randomized controlled trials. <i>Heart Failure Reviews</i> , 2020, 25, 161-171.	1.7	8
304	Prognostic Value of Elevated Copeptin and High-Sensitivity Cardiac Troponin T in Patients with and without Acute Coronary Syndrome: The ConTrACS Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 3627.	1.0	8
305	Cross"lagged analyses of the bidirectional relationship between depression and markers of chronic heart failure. <i>Depression and Anxiety</i> , 2020, 37, 898-907.	2.0	8
306	Prognostic impact of acute pulmonary triggers in patients with takotsubo syndrome: new insights from the International Takotsubo Registry. <i>ESC Heart Failure</i> , 2021, 8, 1924-1932.	1.4	8

#	ARTICLE	IF	CITATIONS
307	Fast Data-Driven Calibration of a Cardiac Electrophysiology Model from Images and ECG. Lecture Notes in Computer Science, 2013, 16, 1-8.	1.0	8
308	Two rare cases of left and right atrial congenital heart disease: cor triatriatum dexter and sinister. Clinical Research in Cardiology, 2007, 96, 122-124.	1.5	7
309	Recovery of renal function after delayed percutaneous dilation of a subtotal in-stent restenosis of the renal artery in a left solitary kidney. CKJ: Clinical Kidney Journal, 2009, 2, 236-238.	1.4	7
310	Inhibition of cardiac Kv1.5 potassium current by the anesthetic midazolam: mode of action. Drug Design, Development and Therapy, 2014, 8, 2263.	2.0	7
311	Biological variation of the cardiac index in patients with stable chronic heart failure: inert gas rebreathing compared with impedance cardiography. ESC Heart Failure, 2015, 2, 112-120.	1.4	7
312	Chronic digitalis therapy in patients before heart transplantation is an independent risk factor for increased posttransplant mortality. Therapeutics and Clinical Risk Management, 2017, Volume 13, 1399-1407.	0.9	7
313	Cardiovascular pharmacology of K2P17.1 (TASK-4, TALK-2) two-pore-domain K ⁺ channels. Naunyn-Schmiedeberg's Archives of Pharmacology, 2018, 391, 1119-1131.	1.4	7
314	Pathophysiological background and prognostic implication of systolic aortic root motion in non-ischemic dilated cardiomyopathy. Scientific Reports, 2019, 9, 3866.	1.6	7
315	Feasibility of fast cardiovascular magnetic resonance strain imaging in patients presenting with acute chest pain. PLoS ONE, 2021, 16, e0251040.	1.1	7
316	Conversion to generic cyclosporine A in stable chronic patients after heart transplantation. Drug Design, Development and Therapy, 2013, 7, 1421.	2.0	6
317	Evaluation of the clinical use of midregional pro-atrial natriuretic peptide (MR-proANP) in comparison to N-terminal pro-B-type natriuretic peptide (NT-proBNP) for risk stratification in patients with light-chain amyloidosis. International Journal of Cardiology, 2014, 176, 1113-1115.	0.8	6
318	Diagnostic and prognostic value of a novel cardiac calcification score for coronary artery disease by transthoracic echocardiography. International Journal of Cardiology, 2015, 190, 332-334.	0.8	6
319	BMI does not influence the prediction of cardiac events using stress CMR. International Journal of Cardiology, 2015, 179, 31-33.	0.8	6
320	Personalized Computer Simulation of Diastolic Function in Heart Failure. Genomics, Proteomics and Bioinformatics, 2016, 14, 244-252.	3.0	6
321	Dual Mechanism for Inhibition of Inwardly Rectifying Kir2.x Channels by Quinidine Involving Direct Pore Block and PIP2-interference. Journal of Pharmacology and Experimental Therapeutics, 2017, 361, 209-218.	1.3	6
322	Short vs prolonged dual antiplatelet treatment upon endovascular stenting of peripheral arteries. Drug Design, Development and Therapy, 2017, Volume 11, 2937-2945.	2.0	6
323	Platelet function monitoring for stent thrombosis in critically ill patients with an acute Coronary syndrome. Journal of Interventional Cardiology, 2018, 31, 277-283.	0.5	6
324	Echocardiographic calcification score in patients with low/intermediate cardiovascular risk. Clinical Research in Cardiology, 2019, 108, 194-202.	1.5	6

#	ARTICLE	IF	CITATIONS
325	FN14 Signaling Plays a Pathogenic Role in a Mouse Model of Experimental Autoimmune Myocarditis. <i>Journal of Cardiac Failure</i> , 2019, 25, 674-685.	0.7	6
326	A Minimal-Invasive Approach for Standardized Induction of Myocardial Infarction in Mice. <i>Circulation Research</i> , 2020, 127, 1214-1216.	2.0	6
327	PASCALâ€based mitral valve repair in an allâ€comer population: acute and midâ€term clinical results. <i>ESC Heart Failure</i> , 2021, 8, 3530-3538.	1.4	6
328	Initial experience with percutaneous mitral valve repair in patients with cardiac amyloidosis. <i>European Journal of Clinical Investigation</i> , 2021, 51, e13473.	1.7	6
329	C-MORE: A high-content single-cell morphology recognition methodology for liquid biopsies toward personalized cardiovascular medicine. <i>Cell Reports Medicine</i> , 2021, 2, 100436.	3.3	6
330	Anomalous right coronary artery arising next to the left coronary ostium. <i>International Journal of Cardiology</i> , 2010, 145, e50-e53.	0.8	5
331	Etiology-specific assessment of predictors of long-term survival in chronic systolic heart failure. <i>IJC Heart and Vasculature</i> , 2015, 7, 61-68.	0.6	5
332	Response to Letter Regarding Article, â€œUpregulation of K _{2P} 3.1 K ⁺ Current Causes Action Potential Shortening in Patients With Chronic Atrial Fibrillationâ€• <i>Circulation</i> , 2016, 133, e440-1.	1.6	5
333	Novel algorithm for accelerated electroanatomic mapping and prediction of earliest activation of focal cardiac arrhythmias using mathematical optimization. <i>Heart Rhythm</i> , 2017, 14, 875-882.	0.3	5
334	Statins attenuate but do not eliminate the reverse epidemiology of total serum cholesterol in patients with non-ischemic chronic heart failure. <i>International Journal of Cardiology</i> , 2017, 238, 97-104.	0.8	5
335	Short and long-term results after endovascular management of vascular complications during transfemoral aortic valve implantation. <i>Acta Cardiologica</i> , 2017, 72, 474-482.	0.3	5
336	Periprocedural antibiotic treatment in transvascular aortic valve replacement. <i>Journal of Interventional Cardiology</i> , 2018, 31, 885-890.	0.5	5
337	Comprehensive cardiac phenotyping in large animals: comparison of pressureâ€volume analysis and cardiac magnetic resonance imaging in pig post-myocardial infarction systolic heart failure. <i>International Journal of Cardiovascular Imaging</i> , 2019, 35, 1691-1699.	0.7	5
338	ANK2 functionally interacts with KCNH2 aggravating long QT syndrome in a double mutation carrier. <i>Biochemical and Biophysical Research Communications</i> , 2019, 512, 845-851.	1.0	5
339	Serum neprilysin and the risk of death in patients with out-of-hospital cardiac arrest of non-traumatic origin. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2020, 9, S169-S174.	0.4	5
340	Combined amiodarone and digitalis therapy before heart transplantation is associated with increased postâ€transplant mortality. <i>ESC Heart Failure</i> , 2020, 7, 2082-2092.	1.4	5
341	Inhibition of cardiac Kv4.3 (Ito) channel isoforms by class I antiarrhythmic drugs lidocaine and mexiletine. <i>European Journal of Pharmacology</i> , 2020, 880, 173159.	1.7	5
342	The impact of Wilson disease on myocardial tissue and function: a cardiovascular magnetic resonance study. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2021, 23, 84.	1.6	5

#	ARTICLE	IF	CITATIONS
343	Age- and gender-related reference values of cardiac morphology and function in cardiovascular magnetic resonance. <i>International Journal of Cardiovascular Imaging</i> , 2021, 37, 2011-2023.	0.7	5
344	A Simple, Non-Invasive Score to Predict Paroxysmal Atrial Fibrillation. <i>PLoS ONE</i> , 2016, 11, e0163621.	1.1	5
345	Cardiac magnetic resonance for the risk stratification of heart transplant recipients: ready for prime time?. <i>Journal of Thoracic Disease</i> , 2015, 7, 560-1.	0.6	5
346	Dynamic Handgrip Exercise: Feasibility and Physiologic Stress Response of a Potential Needle-Free Cardiac Magnetic Resonance Stress Test. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 755759.	1.1	5
347	Targeted next-generation sequencing: the clinician's stethoscope for genetic disorders. <i>Personalized Medicine</i> , 2014, 11, 581-592.	0.8	4
348	Prognostic performance of high-sensitivity cardiac troponin T kinetic changes adjusted for elevated admission values and the GRACE score in an unselected emergency department population. <i>Clinica Chimica Acta</i> , 2014, 435, 29-35.	0.5	4
349	Anesthetic drug midazolam inhibits cardiac human ether- γ -go-go-related gene channels: mode of action. <i>Drug Design, Development and Therapy</i> , 2015, 9, 867.	2.0	4
350	Off-resonance magnetic resonance angiography improves visualization of in-stent lumen in peripheral nitinol stents compared to conventional T1-weighted acquisitions: an in vitro comparison study. <i>International Journal of Cardiovascular Imaging</i> , 2016, 32, 1645-1655.	0.7	4
351	Accuracy of 0/1-hour algorithm for diagnosis of MI in the elderly: mono-dimensional optimization of troponin cut-offs for individual confounders or precision medicine?. <i>European Heart Journal</i> , 2018, 39, 3795-3797.	1.0	4
352	Adiponectin deficiency has no effect in murine autoimmune myocarditis. <i>Cytokine</i> , 2019, 116, 139-149.	1.4	4
353	Implementation of an intensified outpatient follow-up protocol improves outcomes in patients with ventricular assist devices. <i>Clinical Research in Cardiology</i> , 2019, 108, 1197-1207.	1.5	4
354	Effects of MitraClip on cognitive and psychological function in heart failure patients: the sicker the better. <i>European Journal of Medical Research</i> , 2019, 24, 14.	0.9	4
355	Cloning and characterization of zebrafish K2P13.1 (THIK-1) two-pore-domain K ⁺ channels. <i>Journal of Molecular and Cellular Cardiology</i> , 2019, 126, 96-104.	0.9	4
356	Identification of patients at higher risk for myocardial injury following elective coronary artery intervention. <i>Catheterization and Cardiovascular Interventions</i> , 2020, 96, 578-585.	0.7	4
357	miR-103/107 regulates left-right asymmetry in zebrafish by modulating Kupffer's vesicle development and ciliogenesis. <i>Biochemical and Biophysical Research Communications</i> , 2020, 527, 432-439.	1.0	4
358	Cryoballoon pulmonary vein isolation-mediated rise of sinus rate in patients with paroxysmal atrial fibrillation. <i>Clinical Research in Cardiology</i> , 2021, 110, 124-135.	1.5	4
359	Prospective multicentric validation of a novel prediction model for paroxysmal atrial fibrillation. <i>Clinical Research in Cardiology</i> , 2021, 110, 868-876.	1.5	4
360	Percutaneous mitral valve repair in recurrent severe mitral valve regurgitation after mitral annuloplasty. <i>Herz</i> , 2021, 46, 54-60.	0.4	4

#	ARTICLE	IF	CITATIONS
361	Validation of two severity scores as predictors for outcome in Coronavirus Disease 2019 (COVID-19). PLoS ONE, 2021, 16, e0247488.	1.1	4
362	Interpretation of myocardial injury subtypes in COVID-19 disease per fourth version of Universal Definition of Myocardial Infarction. Biomarkers, 2021, 26, 401-409.	0.9	4
363	Relationship between markers of inflammation and hemodynamic stress and death in patients with out-of-hospital cardiac arrest. Scientific Reports, 2021, 11, 9954.	1.6	4
364	SLM2 Is A Novel Cardiac Splicing Factor Involved in Heart Failure due to Dilated Cardiomyopathy. Genomics, Proteomics and Bioinformatics, 2022, 20, 129-146.	3.0	4
365	Histone deacetylase 2-dependent ventricular electrical remodeling in a porcine model of early heart failure. Life Sciences, 2021, 281, 119769.	2.0	4
366	Quantitative assessment of myocardial blush grade in patients with coronary artery disease and in cardiac transplant recipients. World Journal of Cardiology, 2014, 6, 1108.	0.5	4
367	LNA oligonucleotide mediates an anti-inflammatory effect in autoimmune myocarditis via targeting lactate dehydrogenase B. Immunology, 2022, 165, 158-170.	2.0	4
368	A Multi-Network Comparative Analysis of Transcriptome and Translatome Identifies Novel Hub Genes in Cardiac Remodeling. Frontiers in Genetics, 2020, 11, 583124.	1.1	4
369	Initial Single-Center Experience With the Fully Repositionable Transfemoral Lotus Aortic Valve System. Journal of Invasive Cardiology, 2017, 29, 30-35.	0.4	4
370	Coronary artery disease, left ventricular function and cardiac biomarkers determine all-cause mortality in cancer patients—a large monocenter cohort study. Clinical Research in Cardiology, 2023, 112, 203-214.	1.5	4
371	Marathon-Induced Cardiac Strain as Model for the Evaluation of Diagnostic microRNAs for Acute Myocardial Infarction. Journal of Clinical Medicine, 2022, 11, 5.	1.0	4
372	The Transcription Factor EB (TFEB) Sensitizes the Heart to Chronic Pressure Overload. International Journal of Molecular Sciences, 2022, 23, 5943.	1.8	4
373	Automatic image-to-model framework for patient-specific electromechanical modeling of the heart. , 2014, , .		3
374	Aldosterone augments Na ⁺ -induced reduction of cardiac norepinephrine reuptake. American Journal of Physiology - Heart and Circulatory Physiology, 2014, 307, H1169-H1177.	1.5	3
375	Off limits: highly sensitive troponin in the general population. European Heart Journal, 2016, 37, 2438-2440.	1.0	3
376	Aptamer-based proteomic profiling for prognostication in pulmonary arterial hypertension. Lancet Respiratory Medicine, 2017, 5, 671-672.	5.2	3
377	Image quality and contrast agent exposure in cardiac computed tomography angiography prior to transcatheter aortic valve implantation procedures using different acquisition protocols. European Journal of Radiology Open, 2017, 4, 75-83.	0.7	3
378	The coronary calcium paradox: Yet another step towards the differentiation between stable and rupture-prone coronary plaques?. Atherosclerosis, 2018, 274, 232-234.	0.4	3

#	ARTICLE	IF	CITATIONS
379	Identification and functional characterization of zebrafish K 2P 17.1 (TASK-4, TALK-2) two-pore-domain K + channels. <i>European Journal of Pharmacology</i> , 2018, 831, 94-102.	1.7	3
380	Prognostic relevance of elevated pulmonary arterial pressure assessed non-invasively: Analysis in a large patient cohort with invasive measurements in near temporal proximity. <i>PLoS ONE</i> , 2018, 13, e0191206.	1.1	3
381	Cardiac K2P13.1 (THIK-1) two-pore-domain K+ channels: Pharmacological regulation and remodeling in atrial fibrillation. <i>Progress in Biophysics and Molecular Biology</i> , 2019, 144, 128-138.	1.4	3
382	Targeting coagulation in heart failure with preserved ejection fraction and cardiac fibrosis. <i>European Heart Journal</i> , 2019, 40, 3333-3335.	1.0	3
383	Transfemoral aortic valve replacement for severe aortic valve regurgitation in a patient with a pulsatile flow biventricular assist device. <i>ESC Heart Failure</i> , 2019, 6, 217-221.	1.4	3
384	Reactive Oxidative Species Modulated Ca ²⁺ Release Regulates β 2 Integrin Activation on CD4+ CD28null T Cells of Acute Coronary Syndrome Patients. <i>Journal of Immunology</i> , 2020, 205, 2276-2286.	0.4	3
385	Scientific publication activity during COVID-19 shutdown. <i>Clinical Research in Cardiology</i> , 2020, 109, 1443-1445.	1.5	3
386	Five-year results of heart rate control with ivabradine or metoprolol succinate in patients after heart transplantation. <i>Clinical Research in Cardiology</i> , 2020, , 1.	1.5	3
387	Impaired in vitro growth response of plasma-treated cardiomyocytes predicts poor outcome in patients with transthyretin amyloidosis. <i>Clinical Research in Cardiology</i> , 2021, 110, 579-590.	1.5	3
388	Ligand-activated RXFP1 gene therapy ameliorates pressure overload-induced cardiac dysfunction. <i>Molecular Therapy</i> , 2021, 29, 2499-2513.	3.7	3
389	ReDo MitraClip in patients with functional mitral valve regurgitation and advanced heart failure. <i>ESC Heart Failure</i> , 2021, , .	1.4	3
390	Efficacy, High Procedural Safety And Rapid Optimization Of Cryoballoon Atrial Fibrillation Ablation In The Hands Of A New Operator. <i>Journal of Atrial Fibrillation</i> , 2016, 8, 1341.	0.5	3
391	Interventional treatment of the left subclavian in 2 patients with coronary steal syndrome. <i>World Journal of Cardiology</i> , 2017, 9, 65.	0.5	3
392	Controlling my genome with my smartphone: first clinical experiences of the PROMISE system. <i>Clinical Research in Cardiology</i> , 2021, , 1.	1.5	3
393	Identification of Specific Coronary Artery Disease Phenotypes Implicating Differential Pathophysiologies. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 778206.	1.1	3
394	Inter- Not Intraindividual Differences in sTWEAK Levels Predict Functional Deterioration and Mortality in Patients with Dilated Cardiomyopathy. <i>Mediators of Inflammation</i> , 2014, 2014, 1-7.	1.4	2
395	Long-term effect of a low-intensity smoking intervention embedded in an adherence program for patients with hypercholesterolemia: Randomized controlled trial. <i>Preventive Medicine</i> , 2015, 77, 155-161.	1.6	2
396	Catheter ablation of atrial fibrillation in patients with concomitant sinus bradycardia Insights from the German Ablation Registry. <i>Journal of Electrocardiology</i> , 2016, 49, 117-123.	0.4	2

#	ARTICLE	IF	CITATIONS
397	Computational Cardiology – A New Discipline of Translational Research. Genomics, Proteomics and Bioinformatics, 2016, 14, 177-178.	3.0	2
398	Assessment of Longitudinal Shortening in Cardiomyopathies with Cardiac Magnetic Resonance. Current Cardiovascular Imaging Reports, 2017, 10, 1.	0.4	2
399	Successful localization and ablation of a Mahaim potential using a high-resolution mapping catheter after a failed conventional ablation attempt. Clinical Research in Cardiology, 2018, 107, 607-610.	1.5	2
400	Novel approach to discriminate left bundle branch block from nonspecific intraventricular conduction delay using pacing-induced functional left bundle branch block. Journal of Interventional Cardiac Electrophysiology, 2018, 53, 347-355.	0.6	2
401	Procedural advantages of a novel coronary stent design with ultra-thin struts and bioabsorbable abluminal polymer coating in an all-comers registry. Postępy W Kardiologii Interwencyjnej, 2018, 14, 240-246.	0.1	2
402	N-terminal pro brain natriuretic peptide eliminates the prognostic effect of atrial fibrillation in patients with chronic heart failure. ESC Heart Failure, 2019, 6, 640-648.	1.4	2
403	Adenosine stress perfusion cardiac magnetic resonance imaging in patients undergoing intracoronary bone marrow cell transfer after ST-elevation myocardial infarction: the BOOST-2 perfusion substudy. Clinical Research in Cardiology, 2020, 109, 539-548.	1.5	2
404	A systematic report on non-coronary cardiac CTA in 1097 patients from the German cardiac CT registry. European Journal of Radiology, 2020, 130, 109136.	1.2	2
405	Two Hearts at Risk. JACC: Case Reports, 2020, 2, 139-144.	0.3	2
406	Cardiac Myxoma in a Patient With Hypertrophic Cardiomyopathy. JACC: Case Reports, 2020, 2, 378-383.	0.3	2
407	Presence of contractile impairment appears crucial for structural remodeling in idiopathic left bundle-branch block. Journal of Cardiovascular Magnetic Resonance, 2021, 23, 39.	1.6	2
408	Association of Glucose-Dependent Insulinotropic Polypeptide Levels With Cardiovascular Mortality in Patients With Acute Myocardial Infarction. Journal of the American Heart Association, 2021, 10, e019477.	1.6	2
409	Spatial relationship between the pulmonary trunk and the left coronaries: Systematic risk assessment based on automated three-dimensional distance measurements. Heart Rhythm O2, 2020, 1, 14-20.	0.6	2
410	Cardiac Effects of Attenuating Gs μ - Dependent Signaling. PLoS ONE, 2016, 11, e0146988.	1.1	2
411	Anticoagulation in addition to dual antiplatelet therapy has no impact on long-term follow-up after endovascular treatment of (sub)acute lower limb ischemia. Vasa - European Journal of Vascular Medicine, 2019, 48, 321-329.	0.6	2
412	Drug-coated balloons in below-the-knee arteries. Vasa - European Journal of Vascular Medicine, 2022, 51, 256-262.	0.6	2
413	Pitfalls of bioresorbable vascular scaffold thrombosis – Be sure to cover it all. International Journal of Cardiology, 2014, 177, 1067-1068.	0.8	1
414	Successful Implantation of a Coronary Stent Graft in a Peripheral Vessel. Case Reports in Vascular Medicine, 2015, 2015, 1-4.	0.1	1

#	ARTICLE	IF	CITATIONS
415	Microscopic (collagenous) colitis in a patient with a heart transplant. <i>Endoscopy</i> , 2015, 47, E314-E315.	1.0	1
416	Prospective evaluation of a Holter-ECG derived severity index for screening of sleep disordered breathing. <i>Journal of Electrocardiology</i> , 2016, 49, 919-924.	0.4	1
417	Diagnosis of cardiac involvement in systemic amyloidosis by state-of-the-art echocardiography: where are we now?. <i>Expert Opinion on Orphan Drugs</i> , 2016, 4, 639-648.	0.5	1
418	Idiopathic catastrophic thrombosis with happy ending. <i>BMJ Case Reports</i> , 2017, 2017, bcr-2017-221194.	0.2	1
419	Multimodality cardiac computed tomography angiography and magnetic resonance with clinical-grade scanners provide robust assessment of cardiac morphology and function in rabbits. <i>Journal of Thoracic Disease</i> , 2019, 11, 4762-4771.	0.6	1
420	Cochrane corner: NOACs in atrial fibrillation patients post-percutaneous coronary intervention. <i>Heart</i> , 2020, 106, 1293-1295.	1.2	1
421	Pulmonary vein isolation treats symptomatic AF in a patient with Lamin A/C mutation: case report and review of the literature. <i>Clinical Research in Cardiology</i> , 2020, 109, 1070-1075.	1.5	1
422	Impact of the introduction of percutaneous edge-to-edge mitral valve reconstruction on clinical practice in Germany compared to surgical valve repair. <i>Clinical Research in Cardiology</i> , 2021, 110, 620-627.	1.5	1
423	Ultrasound assisted endovascular treatment of acute venous thromboses. <i>Vasa - European Journal of Vascular Medicine</i> , 2019, 48, 443-449.	0.6	1
424	Repositionable self-expanding aortic bioprosthesis. <i>Expert Review of Medical Devices</i> , 2017, 14, 565-576.	1.4	1
425	Impact of Percutaneous Mitral Valve Repair Using the MitraClip™ System on Ventricular Arrhythmias and ICD Therapies. <i>Life</i> , 2022, 12, 344.	1.1	1
426	Response to Letter Regarding Article, "Cardiac Troponin I but Not Cardiac Troponin T Induces Severe Autoimmune Inflammation in the Myocardium". <i>Circulation</i> , 2007, 115, .	1.6	0
427	Hepatic and Renal Failure after Anterior Myocardial Infarction Induced Apical Ventricular Septal Defect. <i>Case Reports in Medicine</i> , 2010, 2010, 1-3.	0.3	0
428	Conservatively Treated Incidental Aneurysm of the Distal Left Main Coronary Artery: Detection by Coronary Angiography and Noninvasive Followup Using Coronary Computed Tomography Angiography. <i>Case Reports in Cardiology</i> , 2012, 2012, 1-3.	0.1	0
429	Cardiovascular Biomarkers in ACS: State of the Art 2012. <i>Conference Papers in Medicine</i> , 2013, 2013, 1-5.	0.6	0
430	Response to the letter "Exclude pregnancy, vigorous exercise and myopathy before diagnosing noncompaction in healthy subjects". <i>International Journal of Cardiology</i> , 2016, 214, 241-242.	0.8	0
431	Taking a closer look into the diagnosis of acute coronary syndrome. <i>Diagnosis</i> , 2016, 3, 135-136.	1.2	0
432	Fully digital data processing during cardiovascular implantable electronic device follow-up in a high-volume tertiary center. <i>European Journal of Medical Research</i> , 2017, 22, 41.	0.9	0

#	ARTICLE	IF	CITATIONS
433	Author response. <i>Clinical Cardiology</i> , 2018, 41, 1528-1528.	0.7	0
434	Prognostic relevance of the right ventricular myo-mechanical index (RV-MMI) in patients with precapillary pulmonary hypertension. <i>Open Heart</i> , 2018, 5, e000903.	0.9	0
435	Butterfly and reverse butterfly: usefulness of a resistance band to provoke exercise-induced arrhythmias during catheter ablation in a patient refractory to pharmacological stimulation. <i>Clinical Research in Cardiology</i> , 2019, 108, 110-113.	1.5	0
436	152â€¦Circulating serum extracellular matrix degradation enzyme Cathepsin S predicts mortality and improves risk stratification over the grace score in patients with non-ST elevation acute coronary syndromes. , 2019, , .		0
437	Value of adenosine stress cardiovascular magnetic resonance in the evaluation of vessels supplying previously infarcted territories. <i>Coronary Artery Disease</i> , 2019, 30, 222-231.	0.3	0
438	Prevalence and relevance of impaired left ventricular function in chronic moderate regurgitation of native aortic valves. <i>Acta Cardiologica</i> , 2020, 75, 613-620.	0.3	0
439	Scientists on the Spot: Moving forward from myocardial injury. <i>Cardiovascular Research</i> , 2020, 116, e29-e29.	1.8	0
440	Broken Heartstringsâ€™ Post-Traumatic Stress Disorder and Psychological Burden after Acute Mitral Regurgitation Due to Chordae Tendineae Rupture. <i>Journal of Clinical Medicine</i> , 2020, 9, 4048.	1.0	0
441	Cardiac transcriptional and metabolic changes following thoracotomy. <i>Scientific Reports</i> , 2020, 10, 9673.	1.6	0
442	Absence of Autoâ€™Antibodies against Cardiac Troponin I Predicts Improvement of Left Ventricular Function after Acute Myocardial Infarction. <i>FASEB Journal</i> , 2008, 22, 668.28.	0.2	0
443	Complex interventional ilio caval recanalization due to plasmacytoma and cystic echinococcosis. <i>Vasa - European Journal of Vascular Medicine</i> , 2017, 46, 395-399.	0.6	0
444	Abstract 15809: 68 Gallium Fibroblast Activating Protein Inhibitor Positron Emission Tomography is Able to Diagnose Checkpoint Inhibitor-induced Myocarditis. <i>Circulation</i> , 2020, 142, .	1.6	0
445	Abstract 15833: Immune Checkpoint Inhibitor Myocarditis Subtypes are Determined by a Cd8-dependent Transcriptional Program. <i>Circulation</i> , 2020, 142, .	1.6	0
446	Medical Classification and Terminology Systems in a Secondary Use Context: Challenges and Perils. <i>Studies in Health Technology and Informatics</i> , 2016, 228, 394-8.	0.2	0
447	Abstract 10966: Characterization of the Novel Cardiac Splicing Factor SIm2 in Heart Failure, Which Regulates Splicing of Titin. <i>Circulation</i> , 2021, 144, .	1.6	0
448	Low-Level Elevations of Procalcitonin Are Associated with Increased Mortality in Acute Heart Failure Patients, Independent of Concomitant Infection. <i>Life</i> , 2021, 11, 1429.	1.1	0