

# Hugo A Katus

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

431  
papers

17,445  
citations

53  
h-index

123  
g-index

456  
ext. papers

21,502  
ext. citations

6.2  
avg, IF

6.3  
L-index

#	Paper	IF	Citations
431	Ticagrelor versus clopidogrel in patients with acute coronary syndromes. <i>New England Journal of Medicine</i> , <b>2009</b> , 361, 1045-57	59.2	4753
430	Fourth universal definition of myocardial infarction (2018).. <i>European Heart Journal</i> , <b>2019</b> , 40, 237-269	9.5	851
429	Analytical validation of a high-sensitivity cardiac troponin T assay. <i>Clinical Chemistry</i> , <b>2010</b> , 56, 254-61	5.5	791
428	How to use high-sensitivity cardiac troponins in acute cardiac care. <i>European Heart Journal</i> , <b>2012</b> , 33, 2252-7	9.5	531
427	Recommendations for the use of cardiac troponin measurement in acute cardiac care. <i>European Heart Journal</i> , <b>2010</b> , 31, 2197-204	9.5	455
426	Intracellular compartmentation of cardiac troponin T and its release kinetics in patients with reperfused and nonreperfused myocardial infarction. <i>American Journal of Cardiology</i> , <b>1991</b> , 67, 1360-7	3	430
425	Independent prognostic value of cardiac troponin T in patients with confirmed pulmonary embolism. <i>Circulation</i> , <b>2000</b> , 102, 211-7	16.7	381
424	Atlas of the clinical genetics of human dilated cardiomyopathy. <i>European Heart Journal</i> , <b>2015</b> , 36, 1123-35	9.5	334
423	High-sensitivity cardiac troponin T for early prediction of evolving non-ST-segment elevation myocardial infarction in patients with suspected acute coronary syndrome and negative troponin results on admission. <i>Clinical Chemistry</i> , <b>2010</b> , 56, 642-50	5.5	261
422	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> , <b>2012</b> , 58, 209-18	5.5	182
421	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> , <b>2015</b> , 16, 210-6	4.1	172
420	Cardiac AAV9-S100A1 gene therapy rescues post-ischemic heart failure in a preclinical large animal model. <i>Science Translational Medicine</i> , <b>2011</b> , 3, 92ra64	17.5	169
419	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> , <b>2015</b> , 16, 307-15	4.1	155
418	Determinants of troponin release in patients with stable coronary artery disease: insights from CT angiography characteristics of atherosclerotic plaque. <i>Heart</i> , <b>2011</b> , 97, 823-31	5.1	141
417	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> , <b>2015</b> , 36, 369-76	9.5	134
416	Long-Term Prognosis of Patients With Takotsubo Syndrome. <i>Journal of the American College of Cardiology</i> , <b>2018</b> , 72, 874-882	15.1	134
415	Application of High-Sensitivity Troponin in Suspected Myocardial Infarction. <i>New England Journal of Medicine</i> , <b>2019</b> , 380, 2529-2540	59.2	134

414	Age- and gender-related normal left ventricular deformation assessed by cardiovascular magnetic resonance feature tracking. <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2015</b> , 17, 25	6.9	124
413	Upregulation of K(2P)3.1 K+ Current Causes Action Potential Shortening in Patients With Chronic Atrial Fibrillation. <i>Circulation</i> , <b>2015</b> , 132, 82-92	16.7	120
412	Cardiac CaM Kinase II genes $\beta$ and $\gamma$ contribute to adverse remodeling but redundantly inhibit calcineurin-induced myocardial hypertrophy. <i>Circulation</i> , <b>2014</b> , 130, 1262-73	16.7	115
411	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> , <b>2016</b> , 113, E155-64	11.5	105
410	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> , <b>2014</b> , 64, 757-67	15.1	104
409	Clinical genetics and outcome of left ventricular non-compaction cardiomyopathy. <i>European Heart Journal</i> , <b>2017</b> , 38, 3449-3460	9.5	102
408	Genotype-phenotype associations in dilated cardiomyopathy: meta-analysis on more than 8000 individuals. <i>Clinical Research in Cardiology</i> , <b>2017</b> , 106, 127-139	6.1	99
407	Epigenome-Wide Association Study Identifies Cardiac Gene Patterning and a Novel Class of Biomarkers for Heart Failure. <i>Circulation</i> , <b>2017</b> , 136, 1528-1544	16.7	95
406	Osteopontin is indispensable for AP1-mediated angiotensin II-related miR-21 transcription during cardiac fibrosis. <i>European Heart Journal</i> , <b>2015</b> , 36, 2184-96	9.5	95
405	IL-17A influences essential functions of the monocyte/macrophage lineage and is involved in advanced murine and human atherosclerosis. <i>Journal of Immunology</i> , <b>2014</b> , 193, 4344-55	5.3	94
404	Happy heart syndrome: role of positive emotional stress in takotsubo syndrome. <i>European Heart Journal</i> , <b>2016</b> , 37, 2823-2829	9.5	93
403	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> , <b>2014</b> , 3,	6	92
402	Mybpc3 gene therapy for neonatal cardiomyopathy enables long-term disease prevention in mice. <i>Nature Communications</i> , <b>2014</b> , 5, 5515	17.4	91
401	Calcium Signaling and Transcriptional Regulation in Cardiomyocytes. <i>Circulation Research</i> , <b>2017</b> , 121, 1000-1020	15.7	90
400	High-sensitive troponin T: a novel biomarker for prognosis and disease severity in patients with pulmonary arterial hypertension. <i>Clinical Science</i> , <b>2010</b> , 119, 207-13	6.5	80
399	ST-segment elevation myocardial infarction. <i>Nature Reviews Disease Primers</i> , <b>2019</b> , 5, 39	51.1	78
398	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> , <b>2016</b> , 209, 26-33	3.2	78
397	Influence of the confounding factors age and sex on microRNA profiles from peripheral blood. <i>Clinical Chemistry</i> , <b>2014</b> , 60, 1200-8	5.5	73

396	CaM Kinase II mediates maladaptive post-infarct remodeling and pro-inflammatory chemoattractant signaling but not acute myocardial ischemia/reperfusion injury. <i>EMBO Molecular Medicine</i> , <b>2014</b> , 6, 1231-45	12	72
395	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> , <b>2011</b> , 57, 1452-5	5.5	71
394	Altered HCN4 channel C-linker interaction is associated with familial tachycardia-bradycardia syndrome and atrial fibrillation. <i>European Heart Journal</i> , <b>2013</b> , 34, 2768-75	9.5	69
393	Feasibility Study on Cardiac Arrhythmia Ablation Using High-Energy Heavy Ion Beams. <i>Scientific Reports</i> , <b>2016</b> , 6, 38895	4.9	67
392	miRNAs can be generally associated with human pathologies as exemplified for miR-144. <i>BMC Medicine</i> , <b>2014</b> , 12, 224	11.4	65
391	Biomarker changes after strenuous exercise can mimic pulmonary embolism and cardiac injury--a metaanalysis of 45 studies. <i>Clinical Chemistry</i> , <b>2015</b> , 61, 1246-55	5.5	64
390	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> , <b>2011</b> , 100, 209-15	6.1	64
389	Intracoronary autologous bone marrow cell transfer after myocardial infarction: the BOOST-2 randomised placebo-controlled clinical trial. <i>European Heart Journal</i> , <b>2017</b> , 38, 2936-2943	9.5	64
388	Rapid Deployment Versus Conventional Bioprosthetic Valve Replacement for Aortic Stenosis. <i>Journal of the American College of Cardiology</i> , <b>2018</b> , 71, 1417-1428	15.1	63
387	A new metabolomic signature in type-2 diabetes mellitus and its pathophysiology. <i>PLoS ONE</i> , <b>2014</b> , 9, e85082	3.7	63
386	CXCL4-induced plaque macrophages can be specifically identified by co-expression of MMP7+S100A8+ in vitro and in vivo. <i>Innate Immunity</i> , <b>2015</b> , 21, 255-65	2.7	62
385	Rapid and highly efficient inducible cardiac gene knockout in adult mice using AAV-mediated expression of Cre recombinase. <i>Cardiovascular Research</i> , <b>2014</b> , 104, 15-23	9.9	61
384	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> , <b>2019</b> , 40, 1323-1330	9.5	60
383	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> , <b>2013</b> , 15, 919-27	12.3	59
382	S100A1 is released from ischemic cardiomyocytes and signals myocardial damage via Toll-like receptor 4. <i>EMBO Molecular Medicine</i> , <b>2014</b> , 6, 778-94	12	56
381	Inverse remodelling of K2P3.1 K+ 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> , <b>2017</b> , 38, 1764-1774	9.5	55
380	mA-mRNA methylation regulates cardiac gene expression and cellular growth. <i>Life Science Alliance</i> , <b>2019</b> , 2,	5.8	54
379	Towards Personalized Cardiology: Multi-Scale Modeling of the Failing Heart. <i>PLoS ONE</i> , <b>2015</b> , 10, e0134869	5.9	53

378	Clinical outcomes associated with sarcomere mutations in hypertrophic cardiomyopathy: a meta-analysis on 7675 individuals. <i>Clinical Research in Cardiology</i> , <b>2018</b> , 107, 30-41	6.1	52
377	Sex-related outcome of atrial fibrillation ablation: Insights from the German Ablation Registry. <i>Heart Rhythm</i> , <b>2016</b> , 13, 1837-44	6.7	52
376	Cardiac Amyloid Load: A Prognostic and Predictive Biomarker in Patients With Light-Chain Amyloidosis. <i>Journal of the American College of Cardiology</i> , <b>2016</b> , 68, 13-24	15.1	51
375	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> , <b>2011</b> , 108, 1478-82	3	51
374	ATF6 Regulates Cardiac Hypertrophy by Transcriptional Induction of the mTORC1 Activator, Rheb. <i>Circulation Research</i> , <b>2019</b> , 124, 79-93	15.7	50
373	Improved outcomes after heart transplantation for cardiac amyloidosis in the modern era. <i>Journal of Heart and Lung Transplantation</i> , <b>2018</b> , 37, 611-618	5.8	48
372	Green tea extract as a treatment for patients with wild-type transthyretin amyloidosis: an observational study. <i>Drug Design, Development and Therapy</i> , <b>2015</b> , 9, 6319-25	4.4	48
371	Carpal tunnel syndrome and spinal canal stenosis: harbingers of transthyretin amyloid cardiomyopathy?. <i>Clinical Research in Cardiology</i> , <b>2019</b> , 108, 1324-1330	6.1	47
370	Advanced echocardiography in adult zebrafish reveals delayed recovery of heart function after myocardial cryoinjury. <i>PLoS ONE</i> , <b>2015</b> , 10, e0122665	3.7	45
369	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> , <b>2015</b> , 183, 162-70	3.2	45
368	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> , <b>2018</b> , 20, 598-608	12.3	44
367	O-GlcNAcylation of Histone Deacetylase 4 Protects the Diabetic Heart From Failure. <i>Circulation</i> , <b>2019</b> , 140, 580-594	16.7	43
366	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> , <b>2018</b> , 53, 552-559	3	43
365	Cardiac arrest in takotsubo syndrome: results from the InterTAK Registry. <i>European Heart Journal</i> , <b>2019</b> , 40, 2142-2151	9.5	42
364	miR-223-IGF-IR signalling in hypoxia- and load-induced right-ventricular failure: a novel therapeutic approach. <i>Cardiovascular Research</i> , <b>2016</b> , 111, 184-93	9.9	42
363	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> , <b>2016</b> , 17, 1370-1378	4.1	42
362	Noninvasive risk stratification of patients with transthyretin amyloidosis. <i>JACC: Cardiovascular Imaging</i> , <b>2014</b> , 7, 502-10	8.4	42
361	Identification and Functional Characterization of Hypoxia-Induced Endoplasmic Reticulum Stress Regulating lncRNA (HypERlnc) in Pericytes. <i>Circulation Research</i> , <b>2017</b> , 121, 368-375	15.7	41

360	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> , <b>2017</b> , 30, 72-78	1.8	40
359	Natural genetic variation of the cardiac transcriptome in non-diseased donors and patients with dilated cardiomyopathy. <i>Genome Biology</i> , <b>2017</b> , 18, 170	18.3	40
358	The inotropic peptide $\beta$ ARKct improves $\beta$ AR responsiveness in normal and failing cardiomyocytes through G $\beta$ i-mediated L-type calcium current disinhibition. <i>Circulation Research</i> , <b>2011</b> , 108, 27-39	15.7	40
357	Outcomes Associated With Cardiogenic Shock in Takotsubo Syndrome. <i>Circulation</i> , <b>2019</b> , 139, 413-415	16.7	39
356	Regulation of CaMKII signaling in cardiovascular disease. <i>Frontiers in Pharmacology</i> , <b>2015</b> , 6, 178	5.6	39
355	Left ventricular long axis strain: a new prognosticator in non-ischemic dilated cardiomyopathy?. <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2016</b> , 18, 36	6.9	39
354	COVID-19 among heart transplant recipients in Germany: a multicenter survey. <i>Clinical Research in Cardiology</i> , <b>2020</b> , 109, 1531-1539	6.1	38
353	Therapeutic targeting of two-pore-domain potassium (K(2P)) channels in the cardiovascular system. <i>Clinical Science</i> , <b>2016</b> , 130, 643-50	6.5	37
352	Cardiac Troponin T. <i>Circulation Journal</i> , <b>2013</b> , 77, 1653-1661	2.9	37
351	Ataxin-10 is part of a cachexokine cocktail triggering cardiac metabolic dysfunction in cancer cachexia. <i>Molecular Metabolism</i> , <b>2016</b> , 5, 67-78	8.8	37
350	Evidence of autoantibodies against cardiac troponin I and sarcomeric myosin in peripartum cardiomyopathy. <i>Basic Research in Cardiology</i> , <b>2015</b> , 110, 60	11.8	36
349	Data-driven estimation of cardiac electrical diffusivity from 12-lead ECG signals. <i>Medical Image Analysis</i> , <b>2014</b> , 18, 1361-76	15.4	36
348	The cardiac microenvironment uses non-canonical WNT signaling to activate monocytes after myocardial infarction. <i>EMBO Molecular Medicine</i> , <b>2017</b> , 9, 1279-1293	12	36
347	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> , <b>2014</b> , 11, 1798-805	6.7	35
346	HERG K <sup>+</sup> channel-dependent apoptosis and cell cycle arrest in human glioblastoma cells. <i>PLoS ONE</i> , <b>2014</b> , 9, e88164	3.7	34
345	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> , <b>2015</b> , 17, 69	6.9	33
344	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> , <b>2020</b> , 9, 39-51	4.3	33
343	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> , <b>2017</b> , 283, 681-691	20.5	32

342	Prevalence of M4 macrophages within human coronary atherosclerotic plaques is associated with features of plaque instability. <i>International Journal of Cardiology</i> , <b>2015</b> , 186, 219-25	3.2	32
341	Cardiac RKIP induces a beneficial $\beta$ -adrenoceptor-dependent positive inotropy. <i>Nature Medicine</i> , <b>2015</b> , 21, 1298-306	50.5	32
340	NOAC monotherapy in patients with concomitant indications for oral anticoagulation undergoing transcatheter aortic valve implantation. <i>Clinical Research in Cardiology</i> , <b>2018</b> , 107, 799-806	6.1	32
339	Minimal important difference for 6-minute walk test distances among patients with chronic heart failure. <i>International Journal of Cardiology</i> , <b>2014</b> , 176, 94-8	3.2	32
338	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> , <b>2015</b> , 10, 1346-53	3.1	32
337	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> , <b>2017</b> , 106, 610-617	6.1	31
336	Protocol for Efficient Generation and Characterization of Adeno-Associated Viral Vectors. <i>Human Gene Therapy Methods</i> , <b>2017</b> , 28, 235-246	4.9	31
335	Anxiety and self-care behaviour in patients with chronic systolic heart failure: A multivariate model. <i>European Journal of Cardiovascular Nursing</i> , <b>2018</b> , 17, 170-177	3.3	31
334	Relationship Between Cardiac Fibroblast Activation Protein Activity by Positron Emission Tomography and Cardiovascular Disease. <i>Circulation: Cardiovascular Imaging</i> , <b>2020</b> , 13, e010628	3.9	31
333	Inducible cardiomyocyte-specific deletion of CaM kinase II protects from pressure overload-induced heart failure. <i>Basic Research in Cardiology</i> , <b>2016</b> , 111, 65	11.8	31
332	Clinical and genetic insights into non-compaction: a meta-analysis and systematic review on 7598 individuals. <i>Clinical Research in Cardiology</i> , <b>2019</b> , 108, 1297-1308	6.1	30
331	Quantitative analysis of left ventricular strain using cardiac computed tomography. <i>European Journal of Radiology</i> , <b>2014</b> , 83, e123-30	4.7	29
330	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> , <b>2015</b> , 10, e0124606	3.7	29
329	Genomic structural variations lead to dysregulation of important coding and non-coding RNA species in dilated cardiomyopathy. <i>EMBO Molecular Medicine</i> , <b>2018</b> , 10, 107-120	12	29
328	TREK-1 (K2.1) 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> , <b>2017</b> , 112, 8	11.8	28
327	Strain-encoded magnetic resonance: a method for the assessment of myocardial deformation. <i>ESC Heart Failure</i> , <b>2019</b> , 6, 584-602	3.7	27
326	Role of ion channels in heart failure and channelopathies. <i>Biophysical Reviews</i> , <b>2018</b> , 10, 1097-1106	3.7	27
325	Calcium/calmodulin-dependent protein kinase II couples Wnt signaling with histone deacetylase 4 and mediates dishevelled-induced cardiomyopathy. <i>Hypertension</i> , <b>2015</b> , 65, 335-44	8.5	27

324	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> , <b>2017</b> , 63, 542-551	5.5	26
323	Reference values for left and right ventricular trabeculation and non-compacted myocardium. <i>International Journal of Cardiology</i> , <b>2015</b> , 185, 240-7	3.2	26
322	Incremental value of cardiac deformation analysis in acute myocarditis: a cardiovascular magnetic resonance imaging study. <i>International Journal of Cardiovascular Imaging</i> , <b>2016</b> , 32, 1093-101	2.5	26
321	A comparative study on endovascular treatment of (sub)acute critical limb ischemia: mechanical thrombectomy vs thrombolysis. <i>Drug Design, Development and Therapy</i> , <b>2017</b> , 11, 1233-1241	4.4	26
320	Impact of new pacemaker implantation following surgical and transcatheter aortic valve replacement on 1-year outcome. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2020</b> , 57, 151-159	3	26
319	Stretch-activated two-pore-domain (K) potassium channels in the heart: Focus on atrial fibrillation and heart failure. <i>Progress in Biophysics and Molecular Biology</i> , <b>2017</b> , 130, 233-243	4.7	25
318	Myocardial Perfusion Reserve and Strain-Encoded CMR for Evaluation of Cardiac Allograft Microvasculopathy. <i>JACC: Cardiovascular Imaging</i> , <b>2016</b> , 9, 255-66	8.4	25
317	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> , <b>2014</b> , 27, 1017-24	5.8	25
316	Inflammatory therapeutic targets in coronary atherosclerosis-from molecular biology to clinical application. <i>Frontiers in Physiology</i> , <b>2014</b> , 5, 455	4.6	25
315	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> , <b>2014</b> , 111, 13499-504	11.5	25
314	Bisoprolol compared with carvedilol and metoprolol succinate in the treatment of patients with chronic heart failure. <i>Clinical Research in Cardiology</i> , <b>2017</b> , 106, 711-721	6.1	24
313	Intraventricular Thrombus Formation and Embolism in Takotsubo Syndrome: Insights From the International Takotsubo Registry. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2020</b> , 40, 279-287	9.4	24
312	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> , <b>2020</b> , 78, 18-24	3.5	23
311	Ion Channel Dysfunctions in Dilated Cardiomyopathy in Limb-Girdle Muscular Dystrophy. <i>Circulation Genomic and Precision Medicine</i> , <b>2018</b> , 11, e001893	5.2	22
310	Atrial fibrillation and heart failure-associated remodeling of two-pore-domain potassium (K) channels in murine disease models: focus on TASK-1. <i>Basic Research in Cardiology</i> , <b>2018</b> , 113, 27	11.8	22
309	European Society of Cardiology: cardiovascular disease statistics 2021.. <i>European Heart Journal</i> , <b>2022</b> ,	9.5	22
308	Galectin-3 binding protein, coronary artery disease and cardiovascular mortality: Insights from the LURIC study. <i>Atherosclerosis</i> , <b>2017</b> , 260, 121-129	3.1	21
307	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> , <b>2014</b> , 15, 1125-32	4.1	21

306	Longitudinal association between body mass index and health-related quality of life. <i>PLoS ONE</i> , <b>2014</b> , 9, e93071	3.7	21
305	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> , <b>2016</b> , 5, 409-418	4.3	20
304	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> , <b>2016</b> , 19, 8	6.9	20
303	Coexistence and outcome of coronary artery disease in Takotsubo syndrome. <i>European Heart Journal</i> , <b>2020</b> , 41, 3255-3268	9.5	20
302	Myocardial injury in severe COVID-19 infection. <i>European Heart Journal</i> , <b>2020</b> , 41, 2080-2082	9.5	20
301	G protein-coupled receptor kinase 2 promotes cardiac hypertrophy. <i>PLoS ONE</i> , <b>2017</b> , 12, e0182110	3.7	20
300	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> , <b>2017</b> , 18, 1414-1422	4.1	19
299	CaMKII activation participates in doxorubicin cardiotoxicity and is attenuated by moderate GRP78 overexpression. <i>PLoS ONE</i> , <b>2019</b> , 14, e0215992	3.7	19
298	Initial experience with robotic navigation for catheter ablation of paroxysmal and persistent atrial fibrillation. <i>Journal of Electrocardiology</i> , <b>2012</b> , 45, 95-101	1.4	19
297	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> , <b>2017</b> , 106, 219-229	6.1	19
296	Analysis of malignancies in patients after heart transplantation with subsequent immunosuppressive therapy. <i>Drug Design, Development and Therapy</i> , <b>2015</b> , 9, 93-102	4.4	19
295	New insights into the genetics of glioblastoma multiforme by familial exome sequencing. <i>Oncotarget</i> , <b>2015</b> , 6, 5918-31	3.3	19
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