

# Hugo A Katus

## List of Publications by Year in Descending Order

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

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	Skeletal muscle derived Musclin protects the heart during pathological overload.. <i>Nature Communications</i> , <b>2022</b> , 13, 149	17.4	3
430	European Society of Cardiology: cardiovascular disease statistics 2021.. <i>European Heart Journal</i> , <b>2022</b> ,	9.5	22
429	One-year results following PASCAL-based or MitraClip-based mitral valve transcatheter edge-to-edge repair.. <i>ESC Heart Failure</i> , <b>2022</b> ,	3.7	2
428	Identification of Specific Coronary Artery Disease Phenotypes Implicating Differential Pathophysiologies.. <i>Frontiers in Cardiovascular Medicine</i> , <b>2022</b> , 9, 778206	5.4	0
427	Coronary artery disease, left ventricular function and cardiac biomarkers determine all-cause mortality in cancer patients-a large monocenter cohort study.. <i>Clinical Research in Cardiology</i> , <b>2022</b> , 1	6.1	
426	The Transcription Factor EB (TFEB) Sensitizes the Heart to Chronic Pressure Overload. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23, 5943	6.3	0
425	C-MORE: A high-content single-cell morphology recognition methodology for liquid biopsies toward personalized cardiovascular medicine. <i>Cell Reports Medicine</i> , <b>2021</b> , 2, 100436	18	0
424	Dynamic Handgrip Exercise: Feasibility and Physiologic Stress Response of a Potential Needle-Free Cardiac Magnetic Resonance Stress Test.. <i>Frontiers in Cardiovascular Medicine</i> , <b>2021</b> , 8, 755759	5.4	0
423	Myocardial mechanics in dilated cardiomyopathy: prognostic value of left ventricular torsion and strain. <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2021</b> , 23, 136	6.9	2
422	Controlling my genome with my smartphone: first clinical experiences of the PROMISE system. <i>Clinical Research in Cardiology</i> , <b>2021</b> , 1	6.1	0
421	Muscle-specific Cand2 is translationally upregulated by mTORC1 and promotes adverse cardiac remodeling. <i>EMBO Reports</i> , <b>2021</b> , 22, e52170	6.5	2
420	Initial experience with percutaneous mitral valve repair in patients with cardiac amyloidosis. <i>European Journal of Clinical Investigation</i> , <b>2021</b> , 51, e13473	4.6	1
419	Current Drug Treatment Strategies for Atrial Fibrillation and TASK-1 Inhibition as an Emerging Novel Therapy Option. <i>Frontiers in Pharmacology</i> , <b>2021</b> , 12, 638445	5.6	4
418	Hyperventilation/Breath-Hold Maneuver to Detect Myocardial Ischemia by Strain-Encoded CMR: Diagnostic Accuracy of a Needle-Free Stress Protocol. <i>JACC: Cardiovascular Imaging</i> , <b>2021</b> , 14, 1932-1944	8.4	5
417	Presence of contractile impairment appears crucial for structural remodeling in idiopathic left bundle-branch block. <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2021</b> , 23, 39	6.9	
416	Treatment of atrial fibrillation with doxapram: TASK-1 potassium channel inhibition as a novel pharmacological strategy. <i>Cardiovascular Research</i> , <b>2021</b> ,	9.9	4
415	Interpretation of myocardial injury subtypes in COVID-19 disease per fourth version of Universal Definition of Myocardial Infarction. <i>Biomarkers</i> , <b>2021</b> , 26, 401-409	2.6	2

414	Relationship between markers of inflammation and hemodynamic stress and death in patients with out-of-hospital cardiac arrest. <i>Scientific Reports</i> , <b>2021</b> , 11, 9954	4.9	
413	Comparative Transcriptomics of Immune Checkpoint Inhibitor Myocarditis Identifies Guanylate Binding Protein 5 and 6 Dysregulation. <i>Cancers</i> , <b>2021</b> , 13,	6.6	4
412	Identification of dynamic RNA-binding proteins uncovers a Cpeb4-controlled regulatory cascade during pathological cell growth of cardiomyocytes. <i>Cell Reports</i> , <b>2021</b> , 35, 109100	10.6	2
411	Feasibility of fast cardiovascular magnetic resonance strain imaging in patients presenting with acute chest pain. <i>PLoS ONE</i> , <b>2021</b> , 16, e0251040	3.7	1
410	AAV-mediated expression of NFAT decoy oligonucleotides protects from cardiac hypertrophy and heart failure. <i>Basic Research in Cardiology</i> , <b>2021</b> , 116, 38	11.8	1
409	Fast Strain-Encoded Cardiac Magnetic Resonance for Diagnostic Classification and Risk Stratification of Heart Failure Patients. <i>JACC: Cardiovascular Imaging</i> , <b>2021</b> , 14, 1177-1188	8.4	8
408	The impact of Wilson disease on myocardial tissue and function: a cardiovascular magnetic resonance study. <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2021</b> , 23, 84	6.9	1
407	A genetic variant alters the secondary structure of the lncRNA H19 and is associated with dilated cardiomyopathy. <i>RNA Biology</i> , <b>2021</b> , 1-7	4.8	0
406	Basophils balance healing after myocardial infarction via IL-4/IL-13. <i>Journal of Clinical Investigation</i> , <b>2021</b> , 131,	15.9	9
405	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> , <b>2021</b> , 26, 1421-1435	5	13
404	Cryoballoon pulmonary vein isolation-mediated rise of sinus rate in patients with paroxysmal atrial fibrillation. <i>Clinical Research in Cardiology</i> , <b>2021</b> , 110, 124-135	6.1	2
403	Mechanosensitive TREK-1 two-pore-domain potassium (K) channels in the cardiovascular system. <i>Progress in Biophysics and Molecular Biology</i> , <b>2021</b> , 159, 126-135	4.7	11
402	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> , <b>2021</b> , 110, 332-342	6.1	4
401	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> , <b>2021</b> , 110, 620-627	6.1	1
400	Machine learning-based risk prediction of intrahospital clinical outcomes in patients undergoing TAVI. <i>Clinical Research in Cardiology</i> , <b>2021</b> , 110, 343-356	6.1	4
399	Prospective multicentric validation of a novel prediction model for paroxysmal atrial fibrillation. <i>Clinical Research in Cardiology</i> , <b>2021</b> , 110, 868-876	6.1	3
398	HDAC2-dependent remodeling of K2.2 (KCNN2) and K2.3 (KCNN3) K channels in atrial fibrillation with concomitant heart failure. <i>Life Sciences</i> , <b>2021</b> , 266, 118892	6.8	6
397	Transcatheter or surgical aortic valve implantation in chronic dialysis patients: a German Aortic Valve Registry analysis. <i>Clinical Research in Cardiology</i> , <b>2021</b> , 110, 357-367	6.1	3

396	Development, validation, and implementation of biomarker testing in cardiovascular medicine state-of-the-art: proceedings of the European Society of Cardiology-Cardiovascular Round Table. <i>Cardiovascular Research</i> , <b>2021</b> , 117, 1248-1256	9.9	1
395	Percutaneous mitral valve repair in recurrent severe mitral valve regurgitation after mitral annuloplasty : MitraClip-in-the-ring as a complementary strategy. <i>Herz</i> , <b>2021</b> , 46, 54-60	2.6	3
394	Impaired in vitro growth response of plasma-treated cardiomyocytes predicts poor outcome in patients with transthyretin amyloidosis. <i>Clinical Research in Cardiology</i> , <b>2021</b> , 110, 579-590	6.1	3
393	Early Detection of Checkpoint Inhibitor-Associated Myocarditis Using Ga-FAPI PET/CT. <i>Frontiers in Cardiovascular Medicine</i> , <b>2021</b> , 8, 614997	5.4	14
392	Epigenetic regulation of cardiac electrophysiology in atrial fibrillation: HDAC2 determines action potential duration and suppresses NRSF in cardiomyocytes. <i>Basic Research in Cardiology</i> , <b>2021</b> , 116, 13	11.8	3
391	Energy Metabolites as Biomarkers in Ischemic and Dilated Cardiomyopathy. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	3
390	Validation of two severity scores as predictors for outcome in Coronavirus Disease 2019 (COVID-19). <i>PLoS ONE</i> , <b>2021</b> , 16, e0247488	3.7	3
389	Prognostic impact of acute pulmonary triggers in patients with takotsubo syndrome: new insights from the International Takotsubo Registry. <i>ESC Heart Failure</i> , <b>2021</b> , 8, 1924-1932	3.7	3
388	Association of Glucose-Dependent Insulinotropic Polypeptide Levels With Cardiovascular Mortality in Patients With Acute Myocardial Infarction. <i>Journal of the American Heart Association</i> , <b>2021</b> , 10, e019477	6	2
387	Ligand-activated RXFP1 gene therapy ameliorates pressure overload-induced cardiac dysfunction. <i>Molecular Therapy</i> , <b>2021</b> , 29, 2499-2513	11.7	0
386	PASCAL-based mitral valve repair in an all-comer population: acute and mid-term clinical results. <i>ESC Heart Failure</i> , <b>2021</b> , 8, 3530-3538	3.7	2
385	High-sensitivity cardiac troponin T determines all-cause mortality in cancer patients: a single-centre cohort study. <i>ESC Heart Failure</i> , <b>2021</b> , 8, 3709-3719	3.7	7
384	Safety and effectiveness of Phoenix atherectomy for endovascular treatment in calcified common femoral artery lesions. <i>Vasa - European Journal of Vascular Medicine</i> , <b>2021</b> , 50, 378-386	1.9	1
383	Histone deacetylase 2-dependent ventricular electrical remodeling in a porcine model of early heart failure. <i>Life Sciences</i> , <b>2021</b> , 281, 119769	6.8	1
382	Re-do MitraClip in patients with functional mitral valve regurgitation and advanced heart failure. <i>ESC Heart Failure</i> , <b>2021</b> ,	3.7	1
381	Age- and gender-related reference values of cardiac morphology and function in cardiovascular magnetic resonance. <i>International Journal of Cardiovascular Imaging</i> , <b>2021</b> , 37, 2011-2023	2.5	1
380	Feasibility of CardioSecure <sup>®</sup> , a Mobile 4-Electrode/22-Lead ECG Device, in the Prehospital Emergency Setting. <i>Frontiers in Cardiovascular Medicine</i> , <b>2020</b> , 7, 551796	5.4	4
379	CITED4 Protects Against Adverse Remodeling in Response to Physiological and Pathological Stress. <i>Circulation Research</i> , <b>2020</b> , 127, 631-646	15.7	9

378	Coexistence and outcome of coronary artery disease in Takotsubo syndrome. <i>European Heart Journal</i> , <b>2020</b> , 41, 3255-3268	9.5	20
377	Proteomic analysis of the cardiac myocyte secretome reveals extracellular protective functions for the ER stress response. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2020</b> , 143, 132-144	5.8	9
376	Cochrane corner: NOACs in atrial fibrillation patients post-percutaneous coronary intervention. <i>Heart</i> , <b>2020</b> , 106, 1293-1295	5.1	0
375	Myocardial injury in severe COVID-19 infection. <i>European Heart Journal</i> , <b>2020</b> , 41, 2080-2082	9.5	20
374	Cardiac transcriptional and metabolic changes following thoracotomy. <i>Scientific Reports</i> , <b>2020</b> , 10, 9673	4.9	
373	Five-year results of heart rate control with ivabradine or metoprolol succinate in patients after heart transplantation. <i>Clinical Research in Cardiology</i> , <b>2020</b> , 1	6.1	2
372	Cross-lagged analyses of the bidirectional relationship between depression and markers of chronic heart failure. <i>Depression and Anxiety</i> , <b>2020</b> , 37, 898-907	8.4	3
371	Saraf-dependent activation of mTORC1 regulates cardiac growth. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2020</b> , 141, 30-42	5.8	6
370	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> , <b>2020</b> , 109, 1070-1075	6.1	0
369	Elevated pre-transplant pulmonary vascular resistance is associated with early post-transplant atrial fibrillation and mortality. <i>ESC Heart Failure</i> , <b>2020</b> , 7, 176-187	3.7	5
368	Deep Characterization of Circular RNAs from Human Cardiovascular Cell Models and Cardiac Tissue. <i>Cells</i> , <b>2020</b> , 9,	7.9	14
367	Long-term outcome upon treatment of calcified lesions of the lower limb using scoring angioplasty balloon (AngioSculpt). <i>Clinical Research in Cardiology</i> , <b>2020</b> , 109, 1177-1185	6.1	5
366	Two Hearts at Risk: Emergency Alcohol Septal Ablation in a Pregnant Woman With Decompensated HOCM. <i>JACC: Case Reports</i> , <b>2020</b> , 2, 139-144	1.2	1
365	Inhibition of cardiac K4.3 (I) channel isoforms by class I antiarrhythmic drugs lidocaine and mexiletine. <i>European Journal of Pharmacology</i> , <b>2020</b> , 880, 173159	5.3	1
364	miR-103/107 regulates left-right asymmetry in zebrafish by modulating Kupffer's vesicle development and ciliogenesis. <i>Biochemical and Biophysical Research Communications</i> , <b>2020</b> , 527, 432-439 <sup>3,4</sup>		2
363	Age-Related Variations in Takotsubo Syndrome. <i>Journal of the American College of Cardiology</i> , <b>2020</b> , 75, 1869-1877	15.1	17
362	Glucagon-like peptide 1 levels predict cardiovascular risk in patients with acute myocardial infarction. <i>European Heart Journal</i> , <b>2020</b> , 41, 882-889	9.5	11
361	A Multi-Network Comparative Analysis of Transcriptome and Translatome Identifies Novel Hub Genes in Cardiac Remodeling. <i>Frontiers in Genetics</i> , <b>2020</b> , 11, 583124	4.5	1

360	Spatial relationship between the pulmonary trunk and the left coronaries: Systematic risk assessment based on automated three-dimensional distance measurements. <i>Heart Rhythm O2</i> , <b>2020</b> , 1, 14-20	1.5	2
359	Impact of aspirin on takotsubo syndrome: a propensity score-based analysis of the InterTAK Registry. <i>European Journal of Heart Failure</i> , <b>2020</b> , 22, 330-337	12.3	16
358	Scientists on the Spot: Moving forward from myocardial injury. <i>Cardiovascular Research</i> , <b>2020</b> , 116, e29	9.9	
357	The chameleon of cardiology: cardiac sarcoidosis before and after heart transplantation. <i>ESC Heart Failure</i> , <b>2020</b> , 7, 692-696	3.7	4
356	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
355	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	2.5	23
354	Reactive Oxidative Species-Modulated Ca Release Regulates Integrin Activation on CD4 CD28 T Cells of Acute Coronary Syndrome Patients. <i>Journal of Immunology</i> , <b>2020</b> , 205, 2276-2286	5.3	2
353	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> , <b>2020</b> , 10, e041757	3	4
352	The arrhythmogenic face of COVID-19: Brugada ECG pattern during acute infection. <i>European Heart Journal - Case Reports</i> , <b>2020</b> , 4, 1-2	0.9	8
351	Combined amiodarone and digitalis therapy before heart transplantation is associated with increased post-transplant mortality. <i>ESC Heart Failure</i> , <b>2020</b> , 7, 2082-2092	3.7	3
350	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> , <b>2020</b> , 9,	5.1	4
349	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> , <b>2020</b> , 10, 20537	4.9	4
348	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
347	MitraClip implantation followed by insertion of a left ventricular assist device in patients with advanced heart failure. <i>ESC Heart Failure</i> , <b>2020</b> , 7, 3891	3.7	3
346	A Minimal-Invasive Approach for Standardized Induction of Myocardial Infarction in Mice. <i>Circulation Research</i> , <b>2020</b> , 127, 1214-1216	15.7	3
345	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
344	A systematic report on non-coronary cardiac CTA in 1097 patients from the German cardiac CT registry. <i>European Journal of Radiology</i> , <b>2020</b> , 130, 109136	4.7	2
343	Guideline-adherence regarding critical time intervals in the German Chest Pain Unit registry. <i>European Heart Journal: Acute Cardiovascular Care</i> , <b>2020</b> , 9, 52-61	4.3	6

342	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> , <b>2020</b> , 9, S169-S174	4.3	4
341	Temporary oral anticoagulation after MitraClip - a strategy to lower the incidence of post-procedural stroke?. <i>Acta Cardiologica</i> , <b>2020</b> , 75, 61-67	0.9	5
340	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
339	Comparison of ante-versus retrograde access for the endovascular treatment of long and calcified, de novo femoropopliteal occlusive lesions. <i>Heart and Vessels</i> , <b>2020</b> , 35, 346-359	2.1	9
338	A novel risk score to predict survival in advanced heart failure due to cardiac amyloidosis. <i>Clinical Research in Cardiology</i> , <b>2020</b> , 109, 700-713	6.1	9
337	Identification of patients at higher risk for myocardial injury following elective coronary artery intervention. <i>Catheterization and Cardiovascular Interventions</i> , <b>2020</b> , 96, 578-585	2.7	2
336	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. <i>Clinical Research in Cardiology</i> , <b>2020</b> , 109, 539-548	6.1	1
335	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
334	Management and outcomes of patients with unstable angina with undetectable, normal, or intermediate hsTnT levels. <i>Clinical Research in Cardiology</i> , <b>2020</b> , 109, 476-487	6.1	6
333	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> , <b>2020</b> , 25, 161-171	5	4
332	Cardiac Myxoma in a Patient With Hypertrophic Cardiomyopathy. <i>JACC: Case Reports</i> , <b>2020</b> , 2, 378-383	1.2	1
331	Outcomes Associated With Cardiogenic Shock in Takotsubo Syndrome. <i>Circulation</i> , <b>2019</b> , 139, 413-415	16.7	39
330	Prediction of short- and long-term mortality in takotsubo syndrome: the InterTAK Prognostic Score. <i>European Journal of Heart Failure</i> , <b>2019</b> , 21, 1469-1472	12.3	9
329	Genetic Ablation of TASK-1 (Tandem of P Domains in a Weak Inward Rectifying K Channel-Related Acid-Sensitive K Channel-1) K Channels Suppresses Atrial Fibrillation and Prevents Electrical Remodeling. <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2019</b> , 12, e007465	6.4	14
328	Performance analysis of AL amyloidosis cardiac biomarker staging systems with special focus on renal failure and atrial arrhythmia. <i>Haematologica</i> , <b>2019</b> , 104, 1451-1459	6.6	17
327	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> , <b>2019</b> , 289, 83-90	3.2	6
326	Adiponectin deficiency has no effect in murine autoimmune myocarditis. <i>Cytokine</i> , <b>2019</b> , 116, 139-149	4	0
325	FN14 Signaling Plays a Pathogenic Role in a Mouse Model of Experimental Autoimmune Myocarditis. <i>Journal of Cardiac Failure</i> , <b>2019</b> , 25, 674-685	3.3	2

324	ST-segment elevation myocardial infarction. <i>Nature Reviews Disease Primers</i> , <b>2019</b> , 5, 39	51.1	78
323	O-GlcNAcylation of Histone Deacetylase 4 Protects the Diabetic Heart From Failure. <i>Circulation</i> , <b>2019</b> , 140, 580-594	16.7	43
322	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
321	Comprehensive cardiac phenotyping in large animals: comparison of pressure-volume analysis and cardiac magnetic resonance imaging in pig post-myocardial infarction systolic heart failure. <i>International Journal of Cardiovascular Imaging</i> , <b>2019</b> , 35, 1691-1699	2.5	3
320	Cardiac arrest in takotsubo syndrome: results from the InterTAK Registry. <i>European Heart Journal</i> , <b>2019</b> , 40, 2142-2151	9.5	42
319	Protein Misfolding in Cardiac Disease. <i>Circulation</i> , <b>2019</b> , 139, 2085-2088	16.7	14
318	N-glycosylation-dependent regulation of hK17.1 currents. <i>Molecular Biology of the Cell</i> , <b>2019</b> , 30, 1425-1436	3.3	4
317	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
316	Implementation of an intensified outpatient follow-up protocol improves outcomes in patients with ventricular assist devices. <i>Clinical Research in Cardiology</i> , <b>2019</b> , 108, 1197-1207	6.1	3
315	Pathophysiological background and prognostic implication of systolic aortic root motion in non-ischemic dilated cardiomyopathy. <i>Scientific Reports</i> , <b>2019</b> , 9, 3866	4.9	6
314	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> , <b>2019</b> , 24, 461-472	5	9
313	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
312	ANK2 functionally interacts with KCNH2 aggravating long QT syndrome in a double mutation carrier. <i>Biochemical and Biophysical Research Communications</i> , <b>2019</b> , 512, 845-851	3.4	2
311	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
310	Epidemiology and long-term outcome in outpatients with chronic heart failure in Northwestern Europe. <i>Heart</i> , <b>2019</b> , 105, 1252-1259	5.1	9
309	Transfemoral aortic valve replacement for severe aortic valve regurgitation in a patient with a pulsatile-flow biventricular assist device. <i>ESC Heart Failure</i> , <b>2019</b> , 6, 217-221	3.7	2
308	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> , <b>2019</b> , 108, 110-113	6.1	
307	Fourth universal definition of myocardial infarction (2018).. <i>European Heart Journal</i> , <b>2019</b> , 40, 237-269	9.5	851



306	Echocardiographic calcification score in patients with low/intermediate cardiovascular risk. <i>Clinical Research in Cardiology</i> , <b>2019</b> , 108, 194-202	6.1	4
305	Cardiac K13.1 (THIK-1) two-pore-domain K channels: Pharmacological regulation and remodeling in atrial fibrillation. <i>Progress in Biophysics and Molecular Biology</i> , <b>2019</b> , 144, 128-138	4.7	3
304	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> , <b>2019</b> , 21, 53	6.9	9
303	Evidence for a cardiac metabolic switch in patients with Hodgkin's lymphoma. <i>ESC Heart Failure</i> , <b>2019</b> , 6, 824-829	3.7	7
302	Pacemaker cell characteristics of differentiated and HCN4-transduced human mesenchymal stem cells. <i>Life Sciences</i> , <b>2019</b> , 232, 116620	6.8	4
301	Monitoring Cell-Type-Specific Gene Expression Using Ribosome Profiling In Vivo During Cardiac Hemodynamic Stress. <i>Circulation Research</i> , <b>2019</b> , 125, 431-448	15.7	18
300	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
299	N-terminal pro brain natriuretic peptide eliminates the prognostic effect of atrial fibrillation in patients with chronic heart failure. <i>ESC Heart Failure</i> , <b>2019</b> , 6, 640-648	3.7	2
298	TIP30 counteracts cardiac hypertrophy and failure by inhibiting translational elongation. <i>EMBO Molecular Medicine</i> , <b>2019</b> , 11, e10018	12	8
297	PRAS40 suppresses atherogenesis through inhibition of mTORC1-dependent pro-inflammatory signaling in endothelial cells. <i>Scientific Reports</i> , <b>2019</b> , 9, 16787	4.9	4
296	-Glycosylation of TREK-1/hK2.1 Two-Pore-Domain Potassium (K) Channels. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	6
295	mA-mRNA methylation regulates cardiac gene expression and cellular growth. <i>Life Science Alliance</i> , <b>2019</b> , 2,	5.8	54
294	Deep Learning Approaches Outperform Conventional Strategies in De-Identification of German Medical Reports. <i>Studies in Health Technology and Informatics</i> , <b>2019</b> , 267, 101-109	0.5	5
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21	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
20	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
19	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



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17	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
16	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
15	Large atrial thrombus formation after MitraClip implantation: is anticoagulation mandatory?. <i>Journal of Heart Valve Disease</i> , <b>2011</b> , 20, 146-8		14
14	Hepatic and renal failure after anterior myocardial infarction induced apical ventricular septal defect. <i>Case Reports in Medicine</i> , <b>2010</b> , 2010, 645236	0.7	
13	Analytical validation of a high-sensitivity cardiac troponin T assay. <i>Clinical Chemistry</i> , <b>2010</b> , 56, 254-61	5.5	791
12	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
11	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
10	Anomalous right coronary artery arising next to the left coronary ostium: unambiguous detection of the anatomy by computed tomography and evaluation of functional significance by cardiovascular magnetic resonance. <i>International Journal of Cardiology</i> , <b>2010</b> , 145, e50-e53	3.2	4
9	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
8	Recovery of renal function after delayed percutaneous dilation of a subtotal in-stent restenosis of the renal artery in a left solitary kidney. <i>CKJ: Clinical Kidney Journal</i> , <b>2009</b> , 2, 236-8	4.5	6
7	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
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