

Malte Kelm

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.

573
papers

21,548
citations

71
h-index

131
g-index

624
ext. papers

24,575
ext. citations

5.3
avg, IF

6.6
L-index

#	Paper	IF	Citations
573	Flavanol Consumption in Healthy Men Preserves Integrity of Immunological-Endothelial Barrier Cell Functions: Nutri(epi)genomic Analysis.. <i>Molecular Nutrition and Food Research</i> , 2022 , e2100991	5.9	2
572	Clinical efficacy and safety outcomes of bempedoic acid for LDL-C lowering therapy in patients at high cardiovascular risk: a systematic review and meta-analysis.. <i>BMJ Open</i> , 2022 , 12, e048893	3	1
571	Recurrent Mitral Regurgitation After MitraClip: Predictive Factors, Morphology, and Clinical Implication.. <i>Circulation: Cardiovascular Interventions</i> , 2022 , CIRCINTERVENTIONS121010895	6	3
570	Master switches bei kardialer Ischämie. <i>Kardiologie</i> , 2022 , 16, 115-122	0.6	
569	The association of the Activities of Daily Living and the outcome of old intensive care patients suffering from COVID-19.. <i>Annals of Intensive Care</i> , 2022 , 12, 26	8.9	0
568	Clinical Impact of Circulating Galectin-3 on Ventricular Arrhythmias and Heart Failure Hospitalization Independent of Prior Ventricular Arrhythmic Events in Patients with Implantable Cardioverter-defibrillators.. <i>Internal Medicine</i> , 2022 , 61, 969-977	1.1	1
567	S1P Lyase Inhibition Starting After Ischemia/Reperfusion Improves Postischemic Cardiac Remodeling. <i>JACC Basic To Translational Science</i> , 2022 , 7, 498-499	8.7	
566	Temporal trends of TAVI treatment characteristics in high volume centers in Germany 2013-2020. <i>Clinical Research in Cardiology</i> , 2021 , 1	6.1	1
565	Excess Mortality in Aspirin and Dipyrrone (Metamizole) Co-Medicated in Patients With Cardiovascular Disease: A Nationwide Study. <i>Journal of the American Heart Association</i> , 2021 , 10, e022299	6	1
564	Lactate is associated with mortality in very old intensive care patients suffering from COVID-19: results from an international observational study of 2860 patients. <i>Annals of Intensive Care</i> , 2021 , 11, 128	8.9	5
563	Differences in mortality in critically ill elderly patients during the second COVID-19 surge in Europe. <i>Critical Care</i> , 2021 , 25, 344	10.8	3
562	Use of extracorporeal circulation (ECLS/ECMO) for cardiac and circulatory failure -A clinical practice Guideline Level 3. <i>ESC Heart Failure</i> , 2021 ,	3.7	1
561	Management and outcomes in critically ill nonagenarian versus octogenarian patients. <i>BMC Geriatrics</i> , 2021 , 21, 576	4.1	1
560	Multi-targeted H/F MRI unmasks specific danger patterns for emerging cardiovascular disorders. <i>Nature Communications</i> , 2021 , 12, 5847	17.4	9
559	Impact of high on-treatment platelet reactivity after angioplasty in patients with critical limb ischemia. <i>Vascular Pharmacology</i> , 2021 , 141, 106925	5.9	0
558	Safety and efficacy of iron supplementation after myocardial infarction in mice with moderate blood loss anaemia. <i>ESC Heart Failure</i> , 2021 ,	3.7	3
557	Criteria for the certification of Cardiac Arrest Centers in Germany. <i>Resuscitation</i> , 2021 , 169, 1-3	4	1

556	Thromboembolic Events in Patients With Left Ventricular Assist Devices Are Related to Microparticle-Induced Coagulation. <i>ASAIO Journal</i> , 2021 , 67, 59-66	3.6	0
555	Improving the Assessment of Flow-Mediated Dilatation Through Detection of Peak Time in Healthy Subjects and Subjects With Type 2 Diabetes. <i>Angiology</i> , 2021 , 72, 434-441	2.1	1
554	Propensity-Adjusted Comparison of Mortality of Elderly Versus Very Elderly Ventilated Patients. <i>Respiratory Care</i> , 2021 , 66, 814-821	2.1	1
553	Incidence, Risk Factors and Impact on Long-Term Outcome of Postoperative Delirium After Transcatheter Aortic Valve Replacement. <i>Frontiers in Cardiovascular Medicine</i> , 2021 , 8, 645724	5.4	1
552	Endothelium-dependent remote signaling in ischemia and reperfusion: Alterations in the cardiometabolic continuum. <i>Free Radical Biology and Medicine</i> , 2021 , 165, 265-281	7.8	1
551	No impact of weather conditions on the outcome of intensive care unit patients. <i>Wiener Medizinische Wochenschrift</i> , 2021 , 1	2.9	1
550	The impact of frailty on survival in elderly intensive care patients with COVID-19: the COVIP study. <i>Critical Care</i> , 2021 , 25, 149	10.8	30
549	Predictors of functional mitral regurgitation recurrence after percutaneous mitral valve repair. <i>Heart and Vessels</i> , 2021 , 36, 1574-1583	2.1	0
548	Risk prediction of bleeding and MACCE by PRECISE-DAPT score post-PCI. <i>IJC Heart and Vasculature</i> , 2021 , 33, 100750	2.4	1
547	Modern NCDR and ACTION risk models outperform the GRACE model for prediction of in-hospital mortality in acute coronary syndrome in a German cohort. <i>International Journal of Cardiology</i> , 2021 , 329, 28-35	3.2	1
546	Predictors of calcification distribution in severe tricuspid aortic valve stenosis. <i>International Journal of Cardiovascular Imaging</i> , 2021 , 37, 2791-2799	2.5	1
545	Novel perspectives on redox signaling in red blood cells and platelets in cardiovascular disease. <i>Free Radical Biology and Medicine</i> , 2021 , 168, 95-109	7.8	7
544	Machine learning predicts mortality based on analysis of ventilation parameters of critically ill patients: multi-centre validation. <i>BMC Medical Informatics and Decision Making</i> , 2021 , 21, 152	3.6	5
543	Exposure to Type 2 Diabetes Provokes Mitochondrial Impairment in Apparently Healthy Human Hearts. <i>Diabetes Care</i> , 2021 , 44, e82-e84	14.6	2
542	Iatrogenic atrial septal defect persistence after percutaneous mitral valve repair: a meta-analysis. <i>Acta Cardiologica</i> , 2021 , 1-11	0.9	0
541	Computed tomography derived predictors of permanent pacemaker implantation after transcatheter aortic valve replacement: A meta-analysis. <i>Catheterization and Cardiovascular Interventions</i> , 2021 , 98, E897-E907	2.7	2
540	Extent and determinants of left ventricular reverse remodeling in patients with secondary mitral regurgitation undergoing MitraClip implantation. <i>IJC Heart and Vasculature</i> , 2021 , 34, 100804	2.4	0
539	Provision of critical care for the elderly in Europe: a retrospective comparison of national healthcare frameworks in intensive care units. <i>BMJ Open</i> , 2021 , 11, e046909	3	2

538	Sphingosine-1-phosphate: A mediator of the ARB-MI paradox?. <i>International Journal of Cardiology</i> , 2021 , 333, 40-42	3.2	1
537	Dapagliflozin reduces thrombin generation and platelet activation: implications for cardiovascular risk reduction in type 2 diabetes mellitus. <i>Diabetologia</i> , 2021 , 64, 1834-1849	10.3	1
536	Steroid use in elderly critically ill COVID-19 patients. <i>European Respiratory Journal</i> , 2021 , 58,	13.6	6
535	Factors associated with a high or low implantation of self-expanding devices in TAVR. <i>Clinical Research in Cardiology</i> , 2021 , 110, 1930-1938	6.1	1
534	Contemporary use of balloon aortic valvuloplasty and evaluation of its success in different hemodynamic entities of severe aortic valve stenosis. <i>Catheterization and Cardiovascular Interventions</i> , 2021 , 97, E121-E129	2.7	2
533	Impact of high on-treatment platelet reactivity after angioplasty in patients with peripheral arterial disease. <i>Platelets</i> , 2021 , 32, 391-397	3.6	4
532	Inhibitors of the renin-angiotensin-aldosterone system and COVID-19 in critically ill elderly patients. <i>European Heart Journal - Cardiovascular Pharmacotherapy</i> , 2021 , 7, 76-77	6.4	12
531	Uninterrupted anticoagulation during catheter ablation for atrial fibrillation: no difference in major bleeding and stroke between direct oral anticoagulants and vitamin K antagonists in an updated meta-analysis of randomised controlled trials. <i>Acta Cardiologica</i> , 2021 , 76, 288-295	0.9	3
530	Cardiac magnetic resonance T2 mapping and feature tracking in athlete's heart and HCM. <i>European Radiology</i> , 2021 , 31, 2768-2777	8	5
529	Two year outcome in nonagenarians undergoing percutaneous mitral valve repair. <i>ESC Heart Failure</i> , 2021 , 8, 577-585	3.7	2
528	Risk of mortality following transcatheter aortic valve replacement for low-flow low-gradient aortic stenosis. <i>Clinical Research in Cardiology</i> , 2021 , 110, 391-398	6.1	2
527	Noncanonical Effects of Oral Thrombin and Factor Xa Inhibitors in Platelet Activation and Arterial Thrombosis. <i>Thrombosis and Haemostasis</i> , 2021 , 121, 122-130	7	2
526	Aortic valve calcification is subject to aortic stenosis severity and the underlying flow pattern. <i>Heart and Vessels</i> , 2021 , 36, 242-251	2.1	3
525	Risk modeling in transcatheter aortic valve replacement remains unsolved: an external validation study in 2946 German patients. <i>Clinical Research in Cardiology</i> , 2021 , 110, 368-376	6.1	7
524	Real-time echocardiography-fluoroscopy fusion imaging for left atrial appendage closure: prime time for fusion imaging?. <i>Acta Cardiologica</i> , 2021 , 76, 1004-1012	0.9	0
523	"Get with the Guidelines Heart Failure Risk Score" for mortality prediction in patients undergoing MitraClip. <i>Clinical Research in Cardiology</i> , 2021 , 110, 1871-1880	6.1	7
522	Endothelial α 1-Integrin-Mediated Adaptation to Myocardial Ischemia. <i>Thrombosis and Haemostasis</i> , 2021 , 121, 741-754	7	3
521	Impella versus extracorporeal life support in cardiogenic shock: a propensity score adjusted analysis. <i>ESC Heart Failure</i> , 2021 , 8, 953-961	3.7	3

520	Impact of Transcatheter Aortic Valve Implantation on Thrombin Generation and Platelet Function. <i>Thrombosis and Haemostasis</i> , 2021 , 121, 1310-1316	7	0
519	Deep sedation versus general anaesthesia for transcatheter mitral valve repair: an individual patient data meta-analysis of observational studies. <i>EuroIntervention</i> , 2021 , 16, 1359-1365	3.1	1
518	Prognostic value of hepatorenal function following transcatheter edge-to-edge mitral valve repair. <i>Clinical Research in Cardiology</i> , 2021 , 110, 1947-1956	6.1	0
517	Mitral Regurgitation International Database (MIDA) Score Predicts Outcome in Patients With Heart Failure Undergoing Transcatheter Edge-to-Edge Mitral Valve Repair. <i>Journal of the American Heart Association</i> , 2021 , 10, e019548	6	3
516	Short- and Mid-Term Outcomes in Patients Deemed Inoperable Undergoing Transapical and Transfemoral TAVR with an STS-PROM below Four Percent. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	1
515	Angioplasty of Flow-Limiting Stenosis Reduces Aortic and Brachial Blood Pressure in Patients With Peripheral Artery Disease. <i>Journal of the American Heart Association</i> , 2021 , 10, e019724	6	3
514	ICU-Mortality in Old and Very Old Patients Suffering From Sepsis and Septic Shock. <i>Frontiers in Medicine</i> , 2021 , 8, 697884	4.9	1
513	Incidence of Acute Kidney Injury Is Lower in High-Risk Patients Undergoing Percutaneous Coronary Intervention Supported with Impella Compared to ECMO. <i>Journal of Cardiovascular Translational Research</i> , 2021 , 1	3.3	0
512	Early evaluation of organ failure using MELD-XI in critically ill elderly COVID-19 patients. <i>Clinical Hemorheology and Microcirculation</i> , 2021 , 79, 109-120	2.5	0
511	National Cardiovascular Data Registry-Acute Kidney Injury (NCDRI) vs. Mehran risk models for prediction of contrast-induced nephropathy and need for dialysis after coronary angiography in a German patient cohort. <i>Journal of Nephrology</i> , 2021 , 34, 1491-1500	4.8	2
510	Outcome of patients with non-ischaemic cardiogenic shock supported by percutaneous left ventricular assist device. <i>ESC Heart Failure</i> , 2021 , 8, 3594-3602	3.7	2
509	Machine Learning Identifies Clinical Parameters to Predict Mortality in Patients Undergoing Transcatheter Mitral Valve Repair. <i>JACC: Cardiovascular Interventions</i> , 2021 , 14, 2027-2036	5	0
508	Red Blood Cell and Endothelial eNOS Independently Regulate Circulating Nitric Oxide Metabolites and Blood Pressure. <i>Circulation</i> , 2021 , 144, 870-889	16.7	12
507	Human myocardial mitochondrial oxidative capacity is impaired in mild acute heart transplant rejection. <i>ESC Heart Failure</i> , 2021 ,	3.7	1
506	Sublingual microcirculation predicts survival after out-of-hospital cardiac arrest. <i>Microcirculation</i> , 2021 , 28, e12729	2.9	0
505	European NSTEMI guidelines-return of clopidogrel?. <i>European Journal of Clinical Pharmacology</i> , 2021 , 1	2.8	
504	Endothelial Hyaluronan Synthase 3 Augments Postischemic Arteriogenesis Through CD44/eNOS Signaling. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021 , 41, 2551-2562	9.4	3
503	Cellular mechanisms and recommended drug-based therapeutic options in diabetic cardiomyopathy. <i>Pharmacology & Therapeutics</i> , 2021 , 228, 107920	13.9	4

502	Right ventricular dysfunction assessed by cardiovascular magnetic resonance is associated with poor outcome in patients undergoing transcatheter mitral valve repair. <i>PLoS ONE</i> , 2021 , 16, e0245637	3.7	1
501	Acute Heart Failure After Reperfused Ischemic Stroke: Association With Systemic and Cardiac Inflammatory Responses.. <i>Frontiers in Physiology</i> , 2021 , 12, 782760	4.6	1
500	Endovascular snare retrieval of an Angio-Seal causing acute limb ischemia.. <i>Clinical Case Reports (discontinued)</i> , 2021 , 9, e05170	0.7	
499	Percutaneous left ventricular assist support is associated with less pulmonary congestion and lower rate of pneumonia in patients with cardiogenic shock. <i>Open Heart</i> , 2020 , 7,	3	1
498	Sublingual microcirculation detects impaired perfusion in dehydrated older patients. <i>Clinical Hemorheology and Microcirculation</i> , 2020 , 75, 475-487	2.5	3
497	Response by Petzold et al to Letter Regarding Article, "Rivaroxaban Reduces Arterial Thrombosis by Inhibition of Fxa-Driven Platelet Activation via Protease Activated Receptor-1". <i>Circulation Research</i> , 2020 , 126, e116-e117	15.7	1
496	A novel mechanism of ACE inhibition-associated enhanced platelet reactivity: disproof of the ARB-MI paradox?. <i>European Journal of Clinical Pharmacology</i> , 2020 , 76, 1245-1251	2.8	2
495	Clinical significance of precedent asymptomatic non-sustained ventricular tachycardias on subsequent ICD interventions and heart failure hospitalization in primary prevention ICD patients. <i>European Journal of Medical Research</i> , 2020 , 25, 5	4.8	2
494	Assessment of tissue perfusion and vascular function in mice by scanning laser Doppler perfusion imaging. <i>Biochemical Pharmacology</i> , 2020 , 176, 113893	6	1
493	Real-Time Echocardiographic-Fluoroscopic Fusion Imaging for Transcatheter Edge-to-Edge Mitral Valve Repair. <i>Journal of the American Society of Echocardiography</i> , 2020 , 33, 635-636	5.8	2
492	Acidosis predicts mortality independently from hyperlactatemia in patients with sepsis. <i>European Journal of Internal Medicine</i> , 2020 , 76, 76-81	3.9	12
491	Extracorporeal life support system during cardiovascular procedures: Insights from the German Lifebridge registry. <i>Artificial Organs</i> , 2020 , 44, 1259-1266	2.6	1
490	Anaemia is associated with severe RBC dysfunction and a reduced circulating NO pool: vascular and cardiac eNOS are crucial for the adaptation to anaemia. <i>Basic Research in Cardiology</i> , 2020 , 115, 43	11.8	17
489	Virtual reality device training for extracorporeal membrane oxygenation. <i>Critical Care</i> , 2020 , 24, 390	10.8	1
488	Sublingual microcirculation in prehospital critical care medicine: A proof-of-concept study. <i>Microcirculation</i> , 2020 , 27, e12614	2.9	3
487	Poor glycemic control impairs the cardioprotective effects of red blood cells on myocardial ischemia/reperfusion injury. <i>Nitric Oxide - Biology and Chemistry</i> , 2020 , 97, 1-10	5	1
486	Usefulness of Serum Free Thyroxine Concentration to Predict Ventricular Arrhythmia Risk in Euthyroid Patients With Structural Heart Disease. <i>American Journal of Cardiology</i> , 2020 , 125, 1162-1169	3	7
485	Cardiovascular magnetic resonance T2* mapping for the assessment of cardiovascular events in hypertrophic cardiomyopathy. <i>Open Heart</i> , 2020 , 7, e001152	3	1

484	New insights on potential permanent pacemaker predictors in TAVR using the largest self-expandable device. <i>Cardiovascular Diagnosis and Therapy</i> , 2020 , 10, 1816-1826	2.6	2
483	Frailty as a Prognostic Indicator in Intensive Care. <i>Deutsches Arzteblatt International</i> , 2020 , 117, 668-673	2.5	1
482	Performance of a convolutional neural network derived from an ECG database in recognizing myocardial infarction. <i>Scientific Reports</i> , 2020 , 10, 8445	4.9	18
481	Aspirin antiplatelet effects are associated with body weight. <i>Vascular Pharmacology</i> , 2020 , 125-126, 1066-1075	5.35	5
480	Admission Body Temperature in Critically Ill Patients as an Independent Risk Predictor for Overall Outcome. <i>Medical Principles and Practice</i> , 2020 , 29, 389-395	2.1	5
479	Navigating the "Optimal Implantation Depth" With a Self-Expandable TAVR Device in Daily Clinical Practice. <i>JACC: Cardiovascular Interventions</i> , 2020 , 13, 679-688	5	18
478	The role of arginase in the microcirculation in cardiovascular disease. <i>Clinical Hemorheology and Microcirculation</i> , 2020 , 74, 79-92	2.5	8
477	Rivaroxaban Reduces Arterial Thrombosis by Inhibition of FXa-Driven Platelet Activation via Protease Activated Receptor-1. <i>Circulation Research</i> , 2020 , 126, 486-500	15.7	48
476	Frailty Assessment in Patients Undergoing Aortic Valve Replacement: Be Quick and Be Sure. <i>JACC: Cardiovascular Interventions</i> , 2020 , 13, 1965-1967	5	1
475	Duplex echocardiography in multivalvular heart disease after percutaneous mitral valve repair?. <i>European Journal of Clinical Investigation</i> , 2020 , 50, e13340	4.6	
474	German Multicenter Experience With a New Leaflet-Based Transcatheter Mitral Valve Repair System for Mitral Regurgitation. <i>JACC: Cardiovascular Interventions</i> , 2020 , 13, 2769-2778	5	8
473	Therapy limitation in octogenarians in German intensive care units is associated with a longer length of stay and increased 30-days mortality: A prospective multicenter study. <i>Journal of Critical Care</i> , 2020 , 60, 58-63	4	2
472	Reply to: In searching for prognostic markers in transcatheter aortic valve replacement: Diastolic dysfunction and insulin-like growth factor system assessment. <i>International Journal of Cardiology</i> , 2020 , 307, 136	3.2	
471	The collagen receptor glycoprotein VI promotes platelet-mediated aggregation of β amyloid. <i>Science Signaling</i> , 2020 , 13,	8.8	8
470	Sex-specific outcome disparities in very old patients admitted to intensive care medicine: a propensity matched analysis. <i>Scientific Reports</i> , 2020 , 10, 18671	4.9	5
469	Evaluation of a shorter algorithm in an automated analysis of sublingual microcirculation. <i>Clinical Hemorheology and Microcirculation</i> , 2020 , 76, 287-297	2.5	3
468	No focus for bacteremia? Don't swallow it! An educational report of a rare sepsis presentation. <i>Archives of Medical Science</i> , 2020 , 16, 1491-1492	2.9	
467	Performance of the CoreValve Evolut R and PRO in Severely Calcified Anatomy: A Propensity Score Matched Analysis. <i>Heart Lung and Circulation</i> , 2020 , 29, 1847-1855	1.8	0

466	One-Year Course of Periprocedural Anticoagulation in Atrial Fibrillation Ablation: Results of a German Nationwide Survey. <i>Cardiology</i> , 2020 , 145, 676-681	1.6	1
465	Comprehensive Analysis of Macrocirculation and Microcirculation in Microgravity During Parabolic Flights. <i>Frontiers in Physiology</i> , 2020 , 11, 960	4.6	2
464	Next-generation sequencing analysis of circulating micro-RNA expression in response to parabolic flight as a spaceflight analogue. <i>Npj Microgravity</i> , 2020 , 6, 31	5.3	1
463	Exposure to acute normobaric hypoxia results in adaptations of both the macro- and microcirculatory system. <i>Scientific Reports</i> , 2020 , 10, 20938	4.9	2
462	Impact of Combined "CHADS-BLED" Score to Predict Short-Term Outcomes in Transfemoral and Transapical Aortic Valve Replacement. <i>Journal of Interventional Cardiology</i> , 2020 , 2020, 9414397	1.8	1
461	Failure of Lactate Clearance Predicts the Outcome of Critically Ill Septic Patients. <i>Diagnostics</i> , 2020 , 10,	3.8	7
460	Patients with severe aortic stenosis and coexisting pulmonary hypertension treated by transapical transcatheter aortic valve replacement-Is there a need for increased attention?. <i>Catheterization and Cardiovascular Interventions</i> , 2020 , 95, 1001-1008	2.7	0
459	Validation of National Cardiovascular Data Registry risk models for mortality, bleeding and acute kidney injury in interventional cardiology at a German Heart Center. <i>Clinical Research in Cardiology</i> , 2020 , 109, 235-245	6.1	5
458	Real-world clinical experience with the percutaneous extracorporeal life support system: Results from the German Lifebridge Registry. <i>Clinical Research in Cardiology</i> , 2020 , 109, 46-53	6.1	6
457	Kidney function stratified outcomes of percutaneous left atrial appendage occlusion in patients with atrial fibrillation and high bleeding risk. <i>Acta Cardiologica</i> , 2020 , 75, 312-320	0.9	6
456	TAVR-related echocardiographic assessment - status quo, challenges and perspectives. <i>Acta Cardiologica</i> , 2020 , 75, 275-285	0.9	0
455	Transcaval aortic valve implantation through a partially thrombosed infrarenal aortic aneurysm. <i>European Heart Journal</i> , 2020 , 41, 974	9.5	2
454	A Model of Blood Component-Heart Interaction in Cardiac Ischemia-Reperfusion Injury using a Langendorff-Based Ex Vivo Assay. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 2020 , 25, 164-173	2.6	3
453	Cocoa Flavanols Improve Endothelial Functional Integrity in Healthy Young and Elderly Subjects. <i>Journal of Agricultural and Food Chemistry</i> , 2020 , 68, 1871-1876	5.7	5
452	Response by Petzold et al to Letter Regarding Article, "Rivaroxaban Reduces Arterial Thrombosis by Inhibition of FXa-Driven Platelet Activation via Protease Activated Receptor-1". <i>Circulation Research</i> , 2020 , 126, e54-e55	15.7	
451	Novel insights on outcome in horizontal aorta with self-expandable new-generation transcatheter aortic valve replacement devices. <i>Catheterization and Cardiovascular Interventions</i> , 2020 , 96, 1511-1519	2.7	3
450	Reduction of sleep-disordered breathing following effective percutaneous mitral valve repair with the MitraClip system. <i>Sleep and Breathing</i> , 2019 , 23, 815-824	3.1	6
449	Retrospective phase-based gating for cardiac proton spectroscopy with fixed scan time. <i>Journal of Magnetic Resonance Imaging</i> , 2019 , 50, 1973-1981	5.6	4

448	Early clinical experiences with a novel contrast volume reduction system during invasive coronary angiography. <i>IJC Heart and Vasculature</i> , 2019 , 23, 100377	2.4	2
447	Phagocytosis of a PFOB-Nanoemulsion for F Magnetic Resonance Imaging: First Results in Monocytes of Patients with Stable Coronary Artery Disease and ST-Elevation Myocardial Infarction. <i>Molecules</i> , 2019 , 24,	4.8	11
446	Oral Anticoagulation Therapy and Progression of Calcific Aortic Valve Stenosis: Factor Xa versus Factor IIa Inhibition?. <i>Pharmacology</i> , 2019 , 104, 212-214	2.3	1
445	The REAC-TAVI Trial: Is There a Need for More Potent Antithrombotic Strategy in TAVR?. <i>JACC: Cardiovascular Interventions</i> , 2019 , 12, 802-803	5	0
444	Routine Glycoprotein IIb/IIIa Inhibitor Therapy in ST-Segment Elevation Myocardial Infarction: A Meta-analysis. <i>Canadian Journal of Cardiology</i> , 2019 , 35, 1576-1588	3.8	18
443	Real-world extravascular lung water index measurements in critically ill patients : Pulse index continuous cardiac output measurements: time course analysis and association with clinical characteristics. <i>Wiener Klinische Wochenschrift</i> , 2019 , 131, 321-328	2.3	1
442	HALT in TAVR: What About Aspirin?. <i>JACC: Cardiovascular Interventions</i> , 2019 , 12, 894	5	1
441	A comparison of very old patients admitted to intensive care unit after acute versus elective surgery or intervention. <i>Journal of Critical Care</i> , 2019 , 52, 141-148	4	21
440	Lactate Clearance Predicts Good Neurological Outcomes in Cardiac Arrest Patients Treated with Extracorporeal Cardiopulmonary Resuscitation. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	17
439	Cardiac Hyaluronan Synthesis Is Critically Involved in the Cardiac Macrophage Response and Promotes Healing After Ischemia Reperfusion Injury. <i>Circulation Research</i> , 2019 , 124, 1433-1447	15.7	25
438	Endovascular Thrombectomy as a Means to Improve Survival in Acute Ischemic Stroke: A Meta-analysis. <i>JAMA Neurology</i> , 2019 , 76, 850-854	17.2	19
437	Cardioprotection by very mild hypothermia in mice. <i>Cardiovascular Diagnosis and Therapy</i> , 2019 , 9, 64-67	2.6	2
436	Contrary to Expectations: Off-Label Transcatheter Aortic Valve Replacement in the Case of Left Ventricular Outflow Tract Obstruction. <i>Canadian Journal of Cardiology</i> , 2019 , 35, 229.e5-229.e6	3.8	
435	Graded murine wire-induced aortic valve stenosis model mimics human functional and morphological disease phenotype. <i>Clinical Research in Cardiology</i> , 2019 , 108, 847-856	6.1	7
434	High-resolution respirometry in human endomyocardial biopsies shows reduced ventricular oxidative capacity related to heart failure. <i>Experimental and Molecular Medicine</i> , 2019 , 51, 1-10	12.8	3
433	Feasibility, safety and effectiveness in measuring microvascular resistance with regadenoson. <i>Clinical Hemorheology and Microcirculation</i> , 2019 , 71, 299-310	2.5	5
432	CENTERA Valve for Transcatheter Aortic Valve Replacement: The Holy Grail Has Yet to Be Found. <i>JACC: Cardiovascular Interventions</i> , 2019 , 12, 1394	5	
431	The hospital frailty risk score is of limited value in intensive care unit patients. <i>Critical Care</i> , 2019 , 23, 239	10.8	21

430	Easy prognostic assessment of concomitant organ failure in critically ill patients undergoing mechanical ventilation. <i>European Journal of Internal Medicine</i> , 2019 , 70, 18-23	3.9	6
429	Micro-dislodgement during transcatheter aortic valve implantation with a contemporary self-expandable prosthesis. <i>PLoS ONE</i> , 2019 , 14, e0224815	3.7	4
428	Requirement of β_1 integrin for endothelium-dependent vasodilation and collateral formation in hindlimb ischemia. <i>Scientific Reports</i> , 2019 , 9, 16931	4.9	7
427	Cardiovascular magnetic resonance T2* mapping for structural alterations in hypertrophic cardiomyopathy. <i>European Journal of Radiology Open</i> , 2019 , 6, 78-84	2.6	6
426	Myocardial triglycerides in cardiac amyloidosis assessed by proton cardiovascular magnetic resonance spectroscopy. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2019 , 21, 10	6.9	6
425	Platelet Reactivity in Patients on Aspirin and Clopidogrel Therapy Measured by a New Bedside Whole-Blood Assay. <i>Journal of Cardiovascular Pharmacology</i> , 2019 , 73, 40-47	3.1	10
424	Syndecan-1 Predicts Outcome in Patients with ST-Segment Elevation Infarction Independent from Infarct-related Myocardial Injury. <i>Scientific Reports</i> , 2019 , 9, 18367	4.9	14
423	Safety and efficacy of Tirofiban in STEMI-patients. <i>International Journal of Cardiology</i> , 2019 , 274, 35-39	3.2	9
422	Low-Dose Thrombolysis for the Management of Left Atrial Thrombus Formation During Percutaneous Mitral Valve Repair. <i>JACC: Cardiovascular Interventions</i> , 2019 , 12, e9-e10	5	2
421	Hypoglycemia but Not Hyperglycemia Is Associated with Mortality in Critically Ill Patients with Diabetes. <i>Medical Principles and Practice</i> , 2019 , 28, 186-192	2.1	7
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