

Christian Mueller

List of Publications by Citations

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623
papers

50,095
citations

88
h-index

215
g-index

692
ext. papers

66,927
ext. citations

6.5
avg, IF

6.86
L-index

#	Paper	IF	Citations
623	2015 ESC Guidelines for the management of acute coronary syndromes in patients presenting without persistent ST-segment elevation: Task Force for the Management of Acute Coronary Syndromes in Patients Presenting without Persistent ST-Segment Elevation of the European Society of Cardiology (ESC). <i>European Heart Journal</i> , 2015, 36, 254-267	9.5	3850
622	ESC Guidelines for the diagnosis and treatment of acute and chronic heart failure 2012: The Task Force for the Diagnosis and Treatment of Acute and Chronic Heart Failure 2012 of the European Society of Cardiology. Developed in collaboration with the Heart Failure Association (HFA) of the ESC. <i>European Heart Journal</i> , 2012, 33, 1787-847	9.5	3691
621	2019 ESC/EAS Guidelines for the management of dyslipidaemias: lipid modification to reduce cardiovascular risk. <i>European Heart Journal</i> , 2020, 41, 111-188	9.5	2236
620	Third universal definition of myocardial infarction. <i>Journal of the American College of Cardiology</i> , 2012, 60, 1581-98	15.1	2143
619	Third universal definition of myocardial infarction. <i>European Heart Journal</i> , 2012, 33, 2551-67	9.5	2064
618	ESC guidelines for the diagnosis and treatment of acute and chronic heart failure 2012: The Task Force for the Diagnosis and Treatment of Acute and Chronic Heart Failure 2012 of the European Society of Cardiology. Developed in collaboration with the Heart Failure Association (HFA) of the ESC. <i>Journal of Heart Failure</i> , 2012, 14, 803-69	12.3	1892
617	2020 ESC Guidelines for the diagnosis and management of atrial fibrillation developed in collaboration with the European Association for Cardio-Thoracic Surgery (EACTS): The Task Force for the diagnosis and management of atrial fibrillation of the European Society of Cardiology (ESC). Developed with the special contribution of the European Heart Rhythm Association (EHRA) of the ESC. <i>European Heart Journal</i> , 2020, 41, 529-604	9.5	1676
616	2019 ESC Guidelines on diabetes, pre-diabetes, and cardiovascular diseases developed in collaboration with the EASD. <i>European Heart Journal</i> , 2020, 41, 255-323	9.5	1360
615	Early diagnosis of myocardial infarction with sensitive cardiac troponin assays. <i>New England Journal of Medicine</i> , 2009, 361, 858-67	59.2	1199
614	Late clinical events after clopidogrel discontinuation may limit the benefit of drug-eluting stents: an observational study of drug-eluting versus bare-metal stents. <i>Journal of the American College of Cardiology</i> , 2006, 48, 2584-91	15.1	1081
613	2019 ESC Guidelines for the diagnosis and management of acute pulmonary embolism developed in collaboration with the European Respiratory Society (ERS). <i>European Heart Journal</i> , 2020, 41, 543-603	9.5	1043
612	2020 ESC Guidelines for the management of acute coronary syndromes in patients presenting without persistent ST-segment elevation. <i>European Heart Journal</i> , 2021, 42, 1289-1367	9.5	920
611	2021 ESC Guidelines for the diagnosis and treatment of acute and chronic heart failure. <i>European Heart Journal</i> , 2021, 42, 3599-3726	9.5	875
610	Use of B-type natriuretic peptide in the evaluation and management of acute dyspnea. <i>New England Journal of Medicine</i> , 2004, 350, 647-54	59.2	767
609	Procalcitonin guidance of antibiotic therapy in community-acquired pneumonia: a randomized trial. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2006, 174, 84-93	10.2	702
608	Free and total cortisol levels as predictors of severity and outcome in community-acquired pneumonia. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2007, 176, 913-20	10.2	606
607	Prevention of contrast media-associated nephropathy: randomized comparison of 2 hydration regimens in 1620 patients undergoing coronary angioplasty. <i>Archives of Internal Medicine</i> , 2002, 162, 329-36		557

606	How to use high-sensitivity cardiac troponins in acute cardiac care. <i>European Heart Journal</i> , 2012 , 33, 2252-7	9.5	531
605	State of the art: using natriuretic peptide levels in clinical practice. <i>European Journal of Heart Failure</i> , 2008 , 10, 824-39	12.3	529
604	Recommendations for the use of cardiac troponin measurement in acute cardiac care. <i>European Heart Journal</i> , 2010 , 31, 2197-204	9.5	455
603	Antibiotic treatment of exacerbations of COPD: a randomized, controlled trial comparing procalcitonin-guidance with standard therapy. <i>Chest</i> , 2007 , 131, 9-19	5.3	409
602	Mid-region pro-hormone markers for diagnosis and prognosis in acute dyspnea: results from the BACH (Biomarkers in Acute Heart Failure) trial. <i>Journal of the American College of Cardiology</i> , 2010 , 55, 2062-76	15.1	389
601	One-hour rule-out and rule-in of acute myocardial infarction using high-sensitivity cardiac troponin T. <i>Archives of Internal Medicine</i> , 2012 , 172, 1211-8		350
600	Utility of absolute and relative changes in cardiac troponin concentrations in the early diagnosis of acute myocardial infarction. <i>Circulation</i> , 2011 , 124, 136-45	16.7	333
599	Incremental value of copeptin for rapid rule out of acute myocardial infarction. <i>Journal of the American College of Cardiology</i> , 2009 , 54, 60-8	15.1	312
598	Contemporary management of acute right ventricular failure: a statement from the Heart Failure Association and the Working Group on Pulmonary Circulation and Right Ventricular Function of the European Society of Cardiology. <i>European Journal of Heart Failure</i> , 2016 , 18, 226-41	12.3	292
597	2019 ESC Guidelines for the management of patients with supraventricular tachycardiaThe Task Force for the management of patients with supraventricular tachycardia of the European Society of Cardiology (ESC). <i>European Heart Journal</i> , 2020 , 41, 655-720	9.5	267
596	2020 ESC Guidelines on sports cardiology and exercise in patients with cardiovascular disease. <i>European Heart Journal</i> , 2021 , 42, 17-96	9.5	264
595	2019 ESC/EAS guidelines for the management of dyslipidaemias: Lipid modification to reduce cardiovascular risk. <i>Atherosclerosis</i> , 2019 , 290, 140-205	3.1	259
594	Diagnostic and prognostic accuracy of clinical and laboratory parameters in community-acquired pneumonia. <i>BMC Infectious Diseases</i> , 2007 , 7, 10	4	254
593	Human factors affect the quality of cardiopulmonary resuscitation in simulated cardiac arrests. <i>Resuscitation</i> , 2004 , 60, 51-6	4	249
592	Recommendations on pre-hospital & early hospital management of acute heart failure: a consensus paper from the Heart Failure Association of the European Society of Cardiology, the European Society of Emergency Medicine and the Society of Academic Emergency Medicine. <i>European Journal of Heart Failure</i> , 2015 , 17, 544-58	12.3	236
591	Validation of high-sensitivity troponin I in a 2-hour diagnostic strategy to assess 30-day outcomes in emergency department patients with possible acute coronary syndrome. <i>Journal of the American College of Cardiology</i> , 2013 , 62, 1242-1249	15.1	228
590	Early diagnosis of acute myocardial infarction in the elderly using more sensitive cardiac troponin assays. <i>European Heart Journal</i> , 2011 , 32, 1379-89	9.5	218
589	Multicenter Evaluation of a 0-Hour/1-Hour Algorithm in the Diagnosis of Myocardial Infarction With High-Sensitivity Cardiac Troponin T. <i>Annals of Emergency Medicine</i> , 2016 , 68, 76-87.e4	2.1	214

588	Copeptin, C-reactive protein, and procalcitonin as prognostic biomarkers in acute exacerbation of COPD. <i>Chest</i> , 2007 , 131, 1058-67	5.3	207
587	Heart Failure Association of the European Society of Cardiology practical guidance on the use of natriuretic peptide concentrations. <i>European Journal of Heart Failure</i> , 2019 , 21, 715-731	12.3	193
586	Prognostic utility of plasma neutrophil gelatinase-associated lipocalin in patients with acute heart failure: the NGAL Evaluation Along with B-type Natriuretic Peptide in acutely decompensated heart failure (GALLANT) trial. <i>European Journal of Heart Failure</i> , 2011 , 13, 846-51	12.3	188
585	Predictors of improved renal function after percutaneous stent-supported angioplasty of severe atherosclerotic ostial renal artery stenosis. <i>Circulation</i> , 2003 , 108, 2244-9	16.7	187
584	Perioperative Myocardial Injury After Noncardiac Surgery: Incidence, Mortality, and Characterization. <i>Circulation</i> , 2018 , 137, 1221-1232	16.7	186
583	Inflammation and long-term mortality after non-ST elevation acute coronary syndrome treated with a very early invasive strategy in 1042 consecutive patients. <i>Circulation</i> , 2002 , 105, 1412-5	16.7	184
582	Recommendations for the use of natriuretic peptides in acute cardiac care: a position statement from the Study Group on Biomarkers in Cardiology of the ESC Working Group on Acute Cardiac Care. <i>European Heart Journal</i> , 2012 , 33, 2001-6	9.5	176
581	Body mass index and mortality in acutely decompensated heart failure across the world: a global obesity paradox. <i>Journal of the American College of Cardiology</i> , 2014 , 63, 778-85	15.1	168
580	Incremental value of biomarkers to clinical variables for mortality prediction in acutely decompensated heart failure: the Multinational Observational Cohort on Acute Heart Failure (MOCA) study. <i>International Journal of Cardiology</i> , 2013 , 168, 2186-94	3.2	167
579	Rapid Rule-out of Acute Myocardial Infarction With a Single High-Sensitivity Cardiac Troponin T Measurement Below the Limit of Detection: A Collaborative Meta-analysis. <i>Annals of Internal Medicine</i> , 2017 , 166, 715-724	8	163
578	Pro-adrenomedullin to predict severity and outcome in community-acquired pneumonia [ISRCTN04176397]. <i>Critical Care</i> , 2006 , 10, R96	10.8	162
577	Prospective validation of a 1-hour algorithm to rule-out and rule-in acute myocardial infarction using a high-sensitivity cardiac troponin T assay. <i>Cmaj</i> , 2015 , 187, E243-E252	3.5	153
576	High-sensitive troponin T measurements: what do we gain and what are the challenges?. <i>European Heart Journal</i> , 2012 , 33, 579-86	9.5	150
575	Rapid rule out of acute myocardial infarction using undetectable levels of high-sensitivity cardiac troponin. <i>International Journal of Cardiology</i> , 2013 , 168, 3896-901	3.2	150
574	Organ dysfunction, injury and failure in acute heart failure: from pathophysiology to diagnosis and management. A review on behalf of the Acute Heart Failure Committee of the Heart Failure Association (HFA) of the European Society of Cardiology (ESC). <i>European Journal of Heart Failure</i> , 2017 , 19, 821-836	12.3	147
573	Drug-coated balloons for small coronary artery disease (BASKET-SMALL 2): an open-label randomised non-inferiority trial. <i>Lancet, The</i> , 2018 , 392, 849-856	40	144
572	Increased 90-day mortality in patients with acute heart failure with elevated copeptin: secondary results from the Biomarkers in Acute Heart Failure (BACH) study. <i>Circulation: Heart Failure</i> , 2011 , 4, 613-20	7.6	141
571	One-hour rule-in and rule-out of acute myocardial infarction using high-sensitivity cardiac troponin I. <i>American Journal of Medicine</i> , 2015 , 128, 861-870.e4	2.4	137

570	Right heart dysfunction and failure in heart failure with preserved ejection fraction: mechanisms and management. Position statement on behalf of the Heart Failure Association of the European Society of Cardiology. <i>European Journal of Heart Failure</i> , 2018 , 20, 16-37	12.3	137
569	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, 369-76	9.5	134
568	Application of High-Sensitivity Troponin in Suspected Myocardial Infarction. <i>New England Journal of Medicine</i> , 2019 , 380, 2529-2540	59.2	134
567	Optimal Cutoff Levels of More Sensitive Cardiac Troponin Assays for the Early Diagnosis of Myocardial Infarction in Patients With Renal Dysfunction. <i>Circulation</i> , 2015 , 131, 2041-50	16.7	133
566	Biomarkers and acute coronary syndromes: an update. <i>European Heart Journal</i> , 2014 , 35, 552-6	9.5	130
565	Direct comparison of high-sensitivity-cardiac troponin I vs. T for the early diagnosis of acute myocardial infarction. <i>European Heart Journal</i> , 2014 , 35, 2303-11	9.5	128
564	Copeptin helps in the early detection of patients with acute myocardial infarction: primary results of the CHOPIN trial (Copeptin Helps in the early detection Of Patients with acute myocardial INfarction). <i>Journal of the American College of Cardiology</i> , 2013 , 62, 150-160	15.1	127
563	Diagnosis of Myocardial Infarction Using a High-Sensitivity Troponin I 1-Hour Algorithm. <i>JAMA Cardiology</i> , 2016 , 1, 397-404	16.2	125
562	High-sensitivity cardiac troponin in the distinction of acute myocardial infarction from acute cardiac noncoronary artery disease. <i>Circulation</i> , 2012 , 126, 31-40	16.7	122
561	Clinical Use of High-Sensitivity Cardiac Troponin in Patients With Suspected Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 2017 , 70, 996-1012	15.1	121
560	Introduction of high-sensitivity troponin assays: impact on myocardial infarction incidence and prognosis. <i>American Journal of Medicine</i> , 2012 , 125, 1205-1213.e1	2.4	119
559	Heart failure in cardiomyopathies: a position paper from the Heart Failure Association of the European Society of Cardiology. <i>European Journal of Heart Failure</i> , 2019 , 21, 553-576	12.3	118
558	Association of High-Sensitivity Cardiac Troponin I Concentration With Cardiac Outcomes in Patients With Suspected Acute Coronary Syndrome. <i>JAMA - Journal of the American Medical Association</i> , 2017 , 318, 1913-1924	27.4	117
557	CD11b+ monocytes abrogate Th17 CD4+ T cell-mediated experimental autoimmune myocarditis. <i>Journal of Immunology</i> , 2008 , 180, 2686-95	5.3	117
556	Initiation of sacubitril/valsartan in haemodynamically stabilised heart failure patients in hospital or early after discharge: primary results of the randomised TRANSITION study. <i>European Journal of Heart Failure</i> , 2019 , 21, 998-1007	12.3	114
555	Midregion prohormone adrenomedullin and prognosis in patients presenting with acute dyspnea: results from the BACH (Biomarkers in Acute Heart Failure) trial. <i>Journal of the American College of Cardiology</i> , 2011 , 58, 1057-67	15.1	112
554	Direct Comparison of 4 Very Early Rule-Out Strategies for Acute Myocardial Infarction Using High-Sensitivity Cardiac Troponin I. <i>Circulation</i> , 2017 , 135, 1597-1611	16.7	107
553	Pathophysiology, diagnosis and management of peripartum cardiomyopathy: a position statement from the Heart Failure Association of the European Society of Cardiology Study Group on peripartum cardiomyopathy. <i>European Journal of Heart Failure</i> , 2019 , 21, 827-843	12.3	107

552	Incremental value of high-sensitive troponin T in addition to the revised cardiac index for peri-operative risk stratification in non-cardiac surgery. <i>European Heart Journal</i> , 2013 , 34, 853-62	9.5	106
551	How is cardiac troponin released from injured myocardium?. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2018 , 7, 553-560	4.3	104
550	Diagnostic Accuracy of the Aortic Dissection Detection Risk Score Plus D-Dimer for Acute Aortic Syndromes: The ADVISED Prospective Multicenter Study. <i>Circulation</i> , 2018 , 137, 250-258	16.7	104
549	Assessment of microRNAs in patients with unstable angina pectoris. <i>European Heart Journal</i> , 2014 , 35, 2106-14	9.5	100
548	The impact of obesity on mortality in UA/non-ST-segment elevation myocardial infarction. <i>European Heart Journal</i> , 2007 , 28, 1694-701	9.5	100
547	Two-hour algorithm for triage toward rule-out and rule-in of acute myocardial infarction using high-sensitivity cardiac troponin T. <i>American Journal of Medicine</i> , 2015 , 128, 369-79.e4	2.4	99
546	Use of procalcitonin for the diagnosis of pneumonia in patients presenting with a chief complaint of dyspnoea: results from the BACH (Biomarkers in Acute Heart Failure) trial. <i>European Journal of Heart Failure</i> , 2012 , 14, 278-86	12.3	99
545	Cardiac biomarkers of acute coronary syndrome: from history to high-sensitivity cardiac troponin. <i>Internal and Emergency Medicine</i> , 2017 , 12, 147-155	3.7	97
544	Comparison of the Efficacy and Safety of Early Rule-Out Pathways for Acute Myocardial Infarction. <i>Circulation</i> , 2017 , 135, 1586-1596	16.7	96
543	Inflammation and long-term mortality in acute congestive heart failure. <i>American Heart Journal</i> , 2006 , 151, 845-50	4.9	96
542	Percutaneous peripheral atherectomy of femoropopliteal stenoses using a new-generation device: six-month results from a single-center experience. <i>Journal of Endovascular Therapy</i> , 2004 , 11, 676-85	2.5	95
541	Use of B-type natriuretic peptide in the risk stratification of acute exacerbations of COPD. <i>Chest</i> , 2008 , 133, 1088-94	5.3	94
540	Impact of high-sensitivity cardiac troponin on use of coronary angiography, cardiac stress testing, and time to discharge in suspected acute myocardial infarction. <i>European Heart Journal</i> , 2016 , 37, 3324-3332	9.5	94
539	Effects of Serelaxin in Patients with Acute Heart Failure. <i>New England Journal of Medicine</i> , 2019 , 381, 716-726	59.2	92
538	A systematic review and collaborative meta-analysis to determine the incremental value of copeptin for rapid rule-out of acute myocardial infarction. <i>American Journal of Cardiology</i> , 2014 , 113, 1581-91	3	90
537	Cost-effectiveness of B-type natriuretic peptide testing in patients with acute dyspnea. <i>Archives of Internal Medicine</i> , 2006 , 166, 1081-7		90
536	Misdiagnosis of Myocardial Infarction Related to Limitations of the Current Regulatory Approach to Define Clinical Decision Values for Cardiac Troponin. <i>Circulation</i> , 2015 , 131, 2032-40	16.7	88
535	Long-term benefit-risk balance of drug-eluting vs. bare-metal stents in daily practice: does stent diameter matter? Three-year follow-up of BASKET. <i>European Heart Journal</i> , 2009 , 30, 16-24	9.5	87

534	Association between elevated blood glucose and outcome in acute heart failure: results from an international observational cohort. <i>Journal of the American College of Cardiology</i> , 2013 , 61, 820-9	15.1	85
533	Expert consensus document: Echocardiography and lung ultrasonography for the assessment and management of acute heart failure. <i>Nature Reviews Cardiology</i> , 2017 , 14, 427-440	14.8	84
532	Sex-specific chest pain characteristics in the early diagnosis of acute myocardial infarction. <i>JAMA Internal Medicine</i> , 2014 , 174, 241-9	11.5	84
531	Stent angioplasty of severe atherosclerotic ostial renal artery stenosis in patients with diabetes mellitus and nephrosclerosis. <i>Catheterization and Cardiovascular Interventions</i> , 2003 , 58, 510-5	2.7	84
530	Epidemiology, pathophysiology and contemporary management of cardiogenic shock - a position statement from the Heart Failure Association of the European Society of Cardiology. <i>European Journal of Heart Failure</i> , 2020 , 22, 1315-1341	12.3	83
529	Prospective Validation of the 0/1-h Algorithm for Early Diagnosis of Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 2018 , 72, 620-632	15.1	82
528	Evaluation of kidney function throughout the heart failure trajectory - a position statement from the Heart Failure Association of the European Society of Cardiology. <i>European Journal of Heart Failure</i> , 2020 , 22, 584-603	12.3	82
527	Early diagnosis of acute myocardial infarction in patients with pre-existing coronary artery disease using more sensitive cardiac troponin assays. <i>European Heart Journal</i> , 2012 , 33, 988-97	9.5	81
526	Plasma pro-adrenomedullin but not plasma pro-endothelin predicts survival in exacerbations of COPD. <i>Chest</i> , 2008 , 134, 263-272	5.3	81
525	One-hour rule-in and rule-out of acute myocardial infarction using high-sensitivity cardiac troponin I. <i>American Heart Journal</i> , 2016 , 171, 92-102.e1-5	4.9	79
524	Use of myeloperoxidase for risk stratification in acute heart failure. <i>Clinical Chemistry</i> , 2010 , 56, 944-51	5.5	79
523	Heart failure epidemiology 2000-2013: insights from the German Federal Health Monitoring System. <i>European Journal of Heart Failure</i> , 2016 , 18, 1009-18	12.3	78
522	Two-Hour Algorithm for Triage toward Rule-Out and Rule-In of Acute Myocardial Infarction by Use of High-Sensitivity Cardiac Troponin I. <i>Clinical Chemistry</i> , 2016 , 62, 494-504	5.5	78
521	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	3.2	78
520	Women do have an improved long-term outcome after non-ST-elevation acute coronary syndromes treated very early and predominantly with percutaneous coronary intervention: a prospective study in 1,450 consecutive patients. <i>Journal of the American College of Cardiology</i> , 2002 , 40, 245-50	15.1	78
519	Atrial fibrillation impairs the diagnostic performance of cardiac natriuretic peptides in dyspneic patients: results from the BACH Study (Biomarkers in ACute Heart Failure). <i>JACC: Heart Failure</i> , 2013 , 1, 192-9	7.9	76
518	Recommendations on pre-hospital and early hospital management of acute heart failure: a consensus paper from the Heart Failure Association of the European Society of Cardiology, the European Society of Emergency Medicine and the Society of Academic Emergency Medicine--short version. <i>European Heart Journal</i> , 2015 , 36, 1958-66	9.5	75
517	Stent-supported angioplasty of severe atherosclerotic renal artery stenosis preserves renal function and improves blood pressure control: long-term results from a prospective registry of 456 lesions. <i>Journal of Endovascular Therapy</i> , 2004 , 11, 95-106	2.5	75

516	Role of cardiovascular imaging in cancer patients receiving cardiotoxic therapies: a position statement on behalf of the Heart Failure Association (HFA), the European Association of Cardiovascular Imaging (EACVI) and the Cardio-Oncology Council of the European Society of Cardiology (ESC). <i>European Journal of Heart Failure</i> , 2020 , 22, 1504-1524	12.3	74
515	Long-term efficacy and safety of biodegradable-polymer biolimus-eluting stents: main results of the Basel Stent Kosten-Effektivitäts Trial-PROspective Validation Examination II (BASKET-PROVE II), a randomized, controlled noninferiority 2-year outcome trial. <i>Circulation</i> , 2015 , 131, 74-81	16.7	74
514	Central venous pressure and impaired renal function in patients with acute heart failure. <i>European Journal of Heart Failure</i> , 2011 , 13, 432-9	12.3	73
513	Diagnostic accuracy of combined cardiac troponin and copeptin assessment for early rule-out of myocardial infarction: a systematic review and meta-analysis. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2014 , 3, 18-27	4.3	72
512	Meta-Analysis of Soluble Suppression of Tumorigenicity-2 and Prognosis in Acute Heart Failure. <i>JACC: Heart Failure</i> , 2017 , 5, 287-296	7.9	71
511	Risk stratification in patients with acute chest pain using three high-sensitivity cardiac troponin assays. <i>European Heart Journal</i> , 2014 , 35, 365-75	9.5	71
510	Direct comparison of serial B-type natriuretic peptide and NT-proBNP levels for prediction of short- and long-term outcome in acute decompensated heart failure. <i>Critical Care</i> , 2011 , 15, R1	10.8	71
509	Effect of Definition on Incidence and Prognosis of Type 2 Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 2017 , 70, 1558-1568	15.1	70
508	Sodium chloride vs. sodium bicarbonate for the prevention of contrast medium-induced nephropathy: a randomized controlled trial. <i>European Heart Journal</i> , 2012 , 33, 2071-9	9.5	70
507	Use of B-type natriuretic peptide in the detection of myocardial ischemia. <i>American Heart Journal</i> , 2006 , 151, 1223-30	4.9	70
506	Clevidipine in acute heart failure: Results of the A Study of Blood Pressure Control in Acute Heart Failure-A Pilot Study (PRONTO). <i>American Heart Journal</i> , 2014 , 167, 529-36	4.9	67
505	Heart-type fatty acid-binding protein in the early diagnosis of acute myocardial infarction. <i>Heart</i> , 2013 , 99, 708-14	5.1	67
504	0/1-Hour Triage Algorithm for Myocardial Infarction in Patients With Renal Dysfunction. <i>Circulation</i> , 2018 , 137, 436-451	16.7	66
503	Clinical Validation of a Novel High-Sensitivity Cardiac Troponin I Assay for Early Diagnosis of Acute Myocardial Infarction. <i>Clinical Chemistry</i> , 2018 , 64, 1347-1360	5.5	66
502	Indications and practical approach to non-invasive ventilation in acute heart failure. <i>European Heart Journal</i> , 2018 , 39, 17-25	9.5	65
501	Comparison of conventional and high-sensitivity troponin in patients with chest pain: a collaborative meta-analysis. <i>American Heart Journal</i> , 2015 , 169, 6-16.e6	4.9	64
500	Outcome of Applying the ESC 0/1-hour Algorithm in Patients With Suspected Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 2019 , 74, 483-494	15.1	64
499	Pathogenesis of cardiorenal syndrome type 1 in acute decompensated heart failure: workgroup statements from the eleventh consensus conference of the Acute Dialysis Quality Initiative (ADQI). <i>Contributions To Nephrology</i> , 2013 , 182, 99-116	1.6	64

498	Characterization of the observe zone of the ESC 2015 high-sensitivity cardiac troponin 0h/1h-algorithm for the early diagnosis of acute myocardial infarction. <i>International Journal of Cardiology</i> , 2016 , 207, 238-45	3.2	63
497	A randomized comparison of clopidogrel and aspirin versus ticlopidine and aspirin after the placement of coronary artery stents. <i>Journal of the American College of Cardiology</i> , 2003 , 41, 969-73	15.1	63
496	Midterm results after atherectomy-assisted angioplasty of below-knee arteries with use of the Silverhawk device. <i>Journal of Vascular and Interventional Radiology</i> , 2004 , 15, 1391-7	2.4	62
495	Role of serum biomarkers in cancer patients receiving cardiotoxic cancer therapies: a position statement from the Cardio-Oncology Study Group of the Heart Failure Association and the Cardio-Oncology Council of the European Society of Cardiology. <i>European Journal of Heart Failure</i> , 2020 , 22, 1966-1983	12.3	61
494	Clinical Effect of Sex-Specific Cutoff Values of High-Sensitivity Cardiac Troponin T in Suspected Myocardial Infarction. <i>JAMA Cardiology</i> , 2016 , 1, 912-920	16.2	58
493	Neutrophil Gelatinase-Associated Lipocalin for Acute Kidney Injury During Acute Heart Failure Hospitalizations: The AKINESIS Study. <i>Journal of the American College of Cardiology</i> , 2016 , 68, 1420-1431 ^{15.1}	15.1	57
492	Heart failure therapy-induced early ST2 changes may offer long-term therapy guidance. <i>Journal of Cardiac Failure</i> , 2013 , 19, 821-8	3.3	57
491	Acute and long-term outcome of endovascular therapy for aortoiliac occlusive lesions stratified according to the TASC classification: a single-center experience. <i>Journal of Endovascular Therapy</i> , 2008 , 15, 408-16	2.5	57
490	Evolocumab for Early Reduction of LDL Cholesterol Levels in Patients With Acute Coronary Syndromes (EVOPACS). <i>Journal of the American College of Cardiology</i> , 2019 , 74, 2452-2462	15.1	56
489	Sodium-glucose co-transporter 2 inhibitors in heart failure: beyond glycaemic control. A position paper of the Heart Failure Association of the European Society of Cardiology. <i>European Journal of Heart Failure</i> , 2020 , 22, 1495-1503	12.3	56
488	Short-term mortality risk in emergency department acute heart failure. <i>Academic Emergency Medicine</i> , 2011 , 18, 947-58	3.4	56
487	Diagnostic and prognostic impact of copeptin and high-sensitivity cardiac troponin T in patients with pre-existing coronary artery disease and suspected acute myocardial infarction. <i>Heart</i> , 2012 , 98, 558-65	5.1	56
486	The integration of BNP and NT-proBNP into clinical medicine. <i>Swiss Medical Weekly</i> , 2007 , 137, 4-12	3.1	56
485	Comparison of the performances of cardiac troponins, including sensitive assays, and copeptin in the diagnostic of acute myocardial infarction and long-term prognosis between women and men. <i>American Heart Journal</i> , 2013 , 166, 30-7	4.9	55
484	Risk stratification in patients with unstable angina using absolute serial changes of 3 high-sensitive troponin assays. <i>American Heart Journal</i> , 2013 , 165, 371-8.e3	4.9	55
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