

Raphael Twerenbold

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.

185
papers

8,007
citations

47
h-index

86
g-index

198
ext. papers

9,892
ext. citations

6.8
avg, IF

5.53
L-index

#	Paper	IF	Citations
185	Soluble urokinase plasminogen activator receptor and functionally relevant coronary artery disease: a prospective cohort study.. <i>Biomarkers</i> , 2022 , 1-25	2.6	
184	Multi-organ assessment in mainly non-hospitalized individuals after SARS-CoV-2 infection: The Hamburg City Health Study COVID programme.. <i>European Heart Journal</i> , 2022 ,	9.5	21
183	Gut microbiota-dependent metabolite trimethylamine N-oxide (TMAO) and cardiovascular risk in patients with suspected functionally relevant coronary artery disease (fCAD).. <i>Clinical Research in Cardiology</i> , 2022 , 1	6.1	1
182	Association of Age and Structural Brain Changes With Functional Connectivity and Executive Function in a Middle-Aged to Older Population-Based Cohort.. <i>Frontiers in Aging Neuroscience</i> , 2022 , 14, 782738	5.3	0
181	Characteristics and Outcomes of Type 2 Myocardial Infarction.. <i>JAMA Cardiology</i> , 2022 ,	16.2	2
180	Attentive follow-up to counter alarmism.. <i>European Heart Journal</i> , 2022 ,	9.5	1
179	Clinical utility of inflammatory biomarkers in COVID-19 in direct comparison to other respiratory infections: a prospective cohort study. <i>PLoS ONE</i> , 2022 , 17, e0269005	3.7	1
178	Clinical presentation of patients with prior coronary artery bypass grafting and suspected acute myocardial infarction. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2021 , 10, 746-755	4.3	0
177	Performance of the European Society of Cardiology 0/1-Hour, 0/2-Hour, and 0/3-Hour Algorithms for Rapid Triage of Acute Myocardial Infarction : An International Collaborative Meta-analysis. <i>Annals of Internal Medicine</i> , 2021 ,	8	5
176	Influence of Antihypertensive Treatment on RAAS Peptides in Newly Diagnosed Hypertensive Patients. <i>Cells</i> , 2021 , 10,	7.9	2
175	Worldwide Survey of COVID-19-Associated Arrhythmias. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2021 , 14, e009458	6.4	54
174	Prevalence and outcome of dysnatremia in patients with COVID-19 compared to controls. <i>European Journal of Endocrinology</i> , 2021 , 184, 409-418	6.5	13
173	External Validation and Extension of a Clinical Score for the Discrimination of Type 2 Myocardial Infarction. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	1
172	Characterisation of cardiac pathology in 23 autopsies of lethal COVID-19. <i>Journal of Pathology: Clinical Research</i> , 2021 , 7, 326-337	5.3	15
171	External validation of the clinical chemistry score. <i>Clinical Biochemistry</i> , 2021 , 91, 16-25	3.5	1
170	Coronary and structural heart interventions in Switzerland 2019. <i>Swiss Medical Weekly</i> , 2021 , 151, w204951	3.1	0
169	FC 047 COMPARISON OF THE CHARACTERISTICS AND MORTALITY OF ACUTE KIDNEY INJURY IN PATIENTS WITH COVID-19 AND OTHER RESPIRATORY INFECTIONS: A PROSPECTIVE COHORT STUDY. <i>Nephrology Dialysis Transplantation</i> , 2021 , 36,	4.3	78

168	External Validation of the No Objective Testing Rules in Acute Chest Pain. <i>Journal of the American Heart Association</i> , 2021 , 10, e020031	6	1
167	Direct Comparison of Clinical Characteristics, Outcomes, and Risk Prediction in Patients with COVID-19 and Controls-A Prospective Cohort Study. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	3
166	Early kinetics of cardiac troponin in suspected acute myocardial infarction. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2021 , 74, 502-509	0.7	1
165	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> , 2021 , 117, 1248-1256	9.9	1
164	Serum Neurofilament Light Chain Levels in the Intensive Care Unit: Comparison between Severely Ill Patients with and without Coronavirus Disease 2019. <i>Annals of Neurology</i> , 2021 , 89, 610-616	9.4	29
163	Prediction of Patient Management in COVID-19 Using Deep Learning-Based Fully Automated Extraction of Cardiothoracic CT Metrics and Laboratory Findings. <i>Korean Journal of Radiology</i> , 2021 , 22, 994-1004	6.9	5
162	Effect of COVID-19 on acute treatment of ST-segment elevation and Non-ST-segment elevation acute coronary syndrome in northwestern Switzerland. <i>IJC Heart and Vasculature</i> , 2021 , 32, 100686	2.4	3
161	Cardiovascular Biomarkers in the Early Discrimination of Type 2 Myocardial Infarction. <i>JAMA Cardiology</i> , 2021 , 6, 771-780	16.2	6
160	Direct comparison of high-sensitivity cardiac troponin T and I in the early differentiation of type 1 vs. type 2 myocardial infarction. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2021 ,	4.3	3
159	Novel Criteria for the Observe-Zone of the ESC 0/1h-hs-cTnT Algorithm. <i>Circulation</i> , 2021 , 144, 773-787	16.7	2
158	Utility of Echocardiography in Patients With Suspected Acute Myocardial Infarction and Left Bundle-Branch Block. <i>Journal of the American Heart Association</i> , 2021 , 10, e021262	6	0
157	Performance of the ESC 0/2h-algorithm using high-sensitivity cardiac troponin I in the early diagnosis of myocardial infarction. <i>American Heart Journal</i> , 2021 , 242, 132-137	4.9	0
156	Validation of the Novel European Society of Cardiology 0/2-hour Algorithm Using Hs-cTnT in the Early Diagnosis of Myocardial Infarction. <i>American Journal of Cardiology</i> , 2021 , 154, 128-130	3	0
155	Association of Previous Myocardial Infarction and Time to Presentation With Suspected Acute Myocardial Infarction. <i>Journal of the American Heart Association</i> , 2021 , 10, e017829	6	2
154	Characterization of a Pan-Immunoglobulin Assay Quantifying Antibodies Directed against the Receptor Binding Domain of the SARS-CoV-2 S1-Subunit of the Spike Protein: A Population-Based Study. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	25
153	Procedural volume and outcomes in patients undergoing VA-ECMO support. <i>Critical Care</i> , 2020 , 24, 291	10.8	8
152	Early Diagnosis of Myocardial Infarction With Point-of-Care High-Sensitivity Cardiac Troponin I. <i>Journal of the American College of Cardiology</i> , 2020 , 75, 1111-1124	15.1	41
151	SARS-CoV2: should inhibitors of the renin-angiotensin system be withdrawn in patients with COVID-19?. <i>European Heart Journal</i> , 2020 , 41, 1801-1803	9.5	276

150	Diagnostic and prognostic value of ST-segment deviation scores in suspected acute myocardial infarction. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2020 , 9, 857-868	4.3	1
149	Drug-coated balloon versus drug-eluting stent in small coronary artery lesions: angiographic analysis from the BASKET-SMALL 2 trial. <i>Clinical Research in Cardiology</i> , 2020 , 109, 1114-1124	6.1	9
148	Clinical risk assessment of biotin interference with a high-sensitivity cardiac troponin T assay. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 58, 1931-1940	5.9	7
147	Coronary and structural heart interventions in Switzerland 2018. <i>Swiss Medical Weekly</i> , 2020 , 150, w202001	3.0	1
146	Risk prediction of in-hospital mortality in patients with venoarterial extracorporeal membrane oxygenation for cardiopulmonary support: The ECMO-ACCEPTS score. <i>Journal of Critical Care</i> , 2020 , 56, 100-105	4	12
145	Performance of the ESC 0/1-h and 0/3-h Algorithm for the Rapid Identification of Myocardial Infarction Without ST-Elevation in Patients With Diabetes. <i>Diabetes Care</i> , 2020 , 43, 460-467	14.6	8
144	Incidence, characteristics, determinants, and prognostic impact of recurrent syncope. <i>Europace</i> , 2020 , 22, 1885-1895	3.9	1
143	Long-Term Results After Drug-Eluting Versus Bare-Metal Stent Implantation in Saphenous Vein Grafts: Randomized Controlled Trial. <i>Journal of the American Heart Association</i> , 2020 , 9, e017434	6	5
142	Effect of a Proposed Modification of the Type 1 and Type 2 Myocardial Infarction Definition on Incidence and Prognosis. <i>Circulation</i> , 2020 , 142, 2083-2085	16.7	5
141	Development and clinical implementation of tailored image analysis tools for COVID-19 in the midst of the pandemic: The synergetic effect of an open, clinically embedded software development platform and machine learning. <i>European Journal of Radiology</i> , 2020 , 131, 109233	4.7	16
140	Using High-Sensitivity Cardiac Troponin for the Exclusion of Inducible Myocardial Ischemia in Symptomatic Patients: A Cohort Study. <i>Annals of Internal Medicine</i> , 2020 , 172, 175-185	8	9
139	Incremental value of high-frequency QRS analysis for diagnosis and prognosis in suspected exercise-induced myocardial ischaemia. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2020 , 9, 836-847	4.7	2
138	Predicting Acute Myocardial Infarction with a Single Blood Draw. <i>Clinical Chemistry</i> , 2019 , 65, 437-450	5.5	5
137	Clinical Use of a New High-Sensitivity Cardiac Troponin I Assay in Patients with Suspected Myocardial Infarction. <i>Clinical Chemistry</i> , 2019 , 65, 1426-1436	5.5	30
136	Two-Hour Algorithm for Rapid Triage of Suspected Acute Myocardial Infarction Using a High-Sensitivity Cardiac Troponin I Assay. <i>Clinical Chemistry</i> , 2019 , 65, 1437-1447	5.5	20
135	Growth differentiation factor-15 and all-cause mortality in patients with suspected myocardial infarction. <i>International Journal of Cardiology</i> , 2019 , 292, 241-245	3.2	3
134	Diagnosis of acute myocardial infarction in the presence of left bundle branch block. <i>Heart</i> , 2019 , 105, 1559-1567	5.1	13
133	Diagnostic Accuracy of a High-Sensitivity Cardiac Troponin Assay with a Single Serum Test in the Emergency Department. <i>Clinical Chemistry</i> , 2019 , 65, 1006-1014	5.5	10

132	Prospective validation of current quantitative electrocardiographic criteria for ST-elevation myocardial infarction. <i>International Journal of Cardiology</i> , 2019 , 292, 1-12	3.2	14
131	High-Sensitivity Cardiac Troponin I Assay for Early Diagnosis of Acute Myocardial Infarction. <i>Clinical Chemistry</i> , 2019 , 65, 893-904	5.5	36
130	Incidence and outcomes of unstable angina compared with non-ST-elevation myocardial infarction. <i>Heart</i> , 2019 , 105, 1423-1431	5.1	20
129	Prospective validation of N-terminal pro B-type natriuretic peptide cut-off concentrations for the diagnosis of acute heart failure. <i>European Journal of Heart Failure</i> , 2019 , 21, 813-815	12.3	3
128	Relative hypochromia and mortality in acute heart failure. <i>International Journal of Cardiology</i> , 2019 , 286, 104-110	3.2	6
127	Prevalence and determinants of exercise-induced left ventricular dysfunction in patients with coronary artery disease. <i>European Journal of Clinical Investigation</i> , 2019 , 49, e13112	4.6	
126	B-Type Natriuretic Peptides and Cardiac Troponins for Diagnosis and Risk-Stratification of Syncope. <i>Circulation</i> , 2019 ,	16.7	24
125	Circadian, weekly, seasonal, and temperature-dependent patterns of syncope aetiology in patients at increased risk of cardiac syncope. <i>Europace</i> , 2019 , 21, 511-521	3.9	3
124	Predicting Major Adverse Events in Patients With Acute Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 2019 , 74, 842-854	15.1	13
123	Prevalence of Pulmonary Embolism in Patients With Syncope. <i>Journal of the American College of Cardiology</i> , 2019 , 74, 744-754	15.1	17
122	Early Diagnosis of Myocardial Infarction in Patients With a History of Coronary Artery Bypass Grafting. <i>Journal of the American College of Cardiology</i> , 2019 , 74, 587-589	15.1	5
121	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
120	Application of High-Sensitivity Troponin in Suspected Myocardial Infarction. <i>New England Journal of Medicine</i> , 2019 , 380, 2529-2540	59.2	134
119	Clinical Utility of Procalcitonin in the Diagnosis of Pneumonia. <i>Clinical Chemistry</i> , 2019 , 65, 1532-1542	5.5	18
118	Biomarkers in cardiovascular medicine: towards precision medicine. <i>Swiss Medical Weekly</i> , 2019 , 149, w20125	3.1	7
117	Proenkephalin and prognosis in heart failure with preserved ejection fraction: a GREAT network study. <i>Clinical Research in Cardiology</i> , 2019 , 108, 940-949	6.1	9
116	External Validation of the MEESI Acute Heart Failure Risk Score: A Cohort Study. <i>Annals of Internal Medicine</i> , 2019 , 170, 248-256	8	19
115	Early Diagnosis of Myocardial Infarction with Sensitive Cardiac Troponin Assays. <i>Clinical Chemistry</i> , 2019 , 65, 490-491	5.5	12

114	Impact of Food and Drug Administration Regulatory Approach on the 0/2-Hour Algorithm for Rapid Triage of Suspected Myocardial Infarction. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2019 , 12, e005188	5.8	1
113	Clinical utility of circulating interleukin-6 concentrations in the detection of functionally relevant coronary artery disease. <i>International Journal of Cardiology</i> , 2019 , 275, 20-25	3.2	7
112	Comparison of fourteen rule-out strategies for acute myocardial infarction. <i>International Journal of Cardiology</i> , 2019 , 283, 41-47	3.2	19
111	Daytime variation of perioperative myocardial injury in non-cardiac surgery and effect on outcome. <i>Heart</i> , 2019 , 105, 826-833	5.1	6
110	Incremental diagnostic and prognostic value of the QRS-T angle, a 12-lead ECG marker quantifying heterogeneity of depolarization and repolarization, in patients with suspected non-ST-elevation myocardial infarction. <i>International Journal of Cardiology</i> , 2019 , 277, 8-15	3.2	7
109	Diagnostic value of the cardiac electrical biomarker, a novel ECG marker indicating myocardial injury, in patients with symptoms suggestive of non-ST-elevation myocardial infarction. <i>Annals of Noninvasive Electrocardiology</i> , 2018 , 23, e12538	1.5	5
108	Impact of the US Food and Drug Administration-Approved Sex-Specific Cutoff Values for High-Sensitivity Cardiac Troponin T to Diagnose Myocardial Infarction. <i>Circulation</i> , 2018 , 137, 1867-1869	16.7	15
107	Combining High-Sensitivity Cardiac Troponin I and Cardiac Troponin T in the Early Diagnosis of Acute Myocardial Infarction. <i>Circulation</i> , 2018 , 138, 989-999	16.7	34
106	Reassessment of cardiovascular parameters and comorbidities in implantable cardioverter-defibrillator patients at the time of first replacement. <i>Clinical Cardiology</i> , 2018 , 41, 57-62	3.3	4
105	Automatically computed ECG algorithm for the quantification of myocardial scar and the prediction of mortality. <i>Clinical Research in Cardiology</i> , 2018 , 107, 824-835	6.1	2
104	Effect of Acute Coronary Syndrome Probability on Diagnostic and Prognostic Performance of High-Sensitivity Cardiac Troponin. <i>Clinical Chemistry</i> , 2018 , 64, 515-525	5.5	4
103	How to best use high-sensitivity cardiac troponin in patients with suspected myocardial infarction. <i>Clinical Biochemistry</i> , 2018 , 53, 143-155	3.5	10
102	Complement activation products in acute heart failure: Potential role in pathophysiology, responses to treatment and impacts on long-term survival. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2018 , 7, 348-357	4.3	5
101	Prospective Validation of a Biomarker-Based Rule Out Strategy for Functionally Relevant Coronary Artery Disease. <i>Clinical Chemistry</i> , 2018 , 64, 386-395	5.5	20
100	Amyloid- β (1-40) and Mortality in Patients With Non-ST-Segment Elevation Acute Coronary Syndrome: A Cohort Study. <i>Annals of Internal Medicine</i> , 2018 , 168, 855-865	8	15
99	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
98	Prospective validation of prognostic and diagnostic syncope scores in the emergency department. <i>International Journal of Cardiology</i> , 2018 , 269, 114-121	3.2	11
97	Proenkephalin for the early detection of acute kidney injury in hospitalized patients with chronic kidney disease. <i>European Journal of Clinical Investigation</i> , 2018 , 48, e12999	4.6	1

96	Comparison of high-sensitivity cardiac troponin I and T for the prediction of cardiac complications after non-cardiac surgery. <i>American Heart Journal</i> , 2018 , 203, 67-73	4.9	14
95	Direct Comparison of Cardiac Troponin T and I Using a Uniform and a Sex-Specific Approach in the Detection of Functionally Relevant Coronary Artery Disease. <i>Clinical Chemistry</i> , 2018 , 64, 1596-1606	5.5	11
94	Direct Comparison of the 0/1h and 0/3h Algorithms for Early Rule-Out of Acute Myocardial Infarction. <i>Circulation</i> , 2018 , 137, 2536-2538	16.7	29
93	0/1-Hour Triage Algorithm for Myocardial Infarction in Patients With Renal Dysfunction. <i>Circulation</i> , 2018 , 137, 436-451	16.7	66
92	Combining high-sensitivity cardiac troponin and B-type natriuretic peptide in the detection of inducible myocardial ischemia. <i>Clinical Biochemistry</i> , 2018 , 52, 33-40	3.5	11
91	Response by Kaier et al to Letter Regarding Article, "Direct Comparison of Cardiac Myosin-Binding Protein C With Cardiac Troponins for the Early Diagnosis of Acute Myocardial Infarction". <i>Circulation</i> , 2018 , 138, 544-545	16.7	2
90	Rhabdomyolysis: A Noncardiac Source of Increased Circulating Concentrations of Cardiac Troponin T?. <i>Journal of the American College of Cardiology</i> , 2018 , 72, 2936-2937	15.1	9
89	Impact of age on the performance of the ESC 0/1h-algorithms for early diagnosis of myocardial infarction. <i>European Heart Journal</i> , 2018 , 39, 3780-3794	9.5	43
88	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
87	Diagnostic and Prognostic Value of Lead aVR During Exercise Testing in Patients Suspected of Having Myocardial Ischemia. <i>American Journal of Cardiology</i> , 2017 , 119, 959-966	3	8
86	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
85	Early diagnosis of acute myocardial infarction in patients with mild elevations of cardiac troponin. <i>Clinical Research in Cardiology</i> , 2017 , 106, 457-467	6.1	26
84	Diagnostic and prognostic values of the V-index, a novel ECG marker quantifying spatial heterogeneity of ventricular repolarization, in patients with symptoms suggestive of non-ST-elevation myocardial infarction. <i>International Journal of Cardiology</i> , 2017 , 236, 23-29	3.2	11
83	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
82	Direct Comparison of 2 Rule-Out Strategies for Acute Myocardial Infarction: 2-h Accelerated Diagnostic Protocol vs 2-h Algorithm. <i>Clinical Chemistry</i> , 2017 , 63, 1227-1236	5.5	25
81	Diagnostic value of ST-segment deviations during cardiac exercise stress testing: Systematic comparison of different ECG leads and time-points. <i>International Journal of Cardiology</i> , 2017 , 238, 166-172	3.2	6
80	Letter to the Editor: "High sensitive cardiac troponin T: Testing the test". <i>International Journal of Cardiology</i> , 2017 , 234, 126	3.2	
79	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

78	Proenkephalin, Renal Dysfunction, and Prognosis in Patients With Acute Heart Failure: A GREAT Network Study. <i>Journal of the American College of Cardiology</i> , 2017 , 69, 56-69	15.1	47
77	An algorithm for rule-in and rule-out of acute myocardial infarction using a novel troponin I assay. <i>Heart</i> , 2017 , 103, 125-131	5.1	14
76	Direct Comparison of Cardiac Myosin-Binding Protein C With Cardiac Troponins for the Early Diagnosis of Acute Myocardial Infarction. <i>Circulation</i> , 2017 , 136, 1495-1508	16.7	40
75	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
74	Effect of the FDA Regulatory Approach on the 0/1-h Algorithm for Rapid Diagnosis of MI. <i>Journal of the American College of Cardiology</i> , 2017 , 70, 1532-1534	15.1	10
73	Diagnostic and prognostic value of cystatin C in acute heart failure. <i>Clinical Biochemistry</i> , 2017 , 50, 1007-1013	10.13	18
72	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
71	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
70	Gender-specific uncertainties in the diagnosis of acute coronary syndrome. <i>Clinical Research in Cardiology</i> , 2017 , 106, 28-37	6.1	12
69	Impact of haemoconcentration during acute heart failure therapy on mortality and its relationship with worsening renal function. <i>European Journal of Heart Failure</i> , 2017 , 19, 226-236	12.3	48
68	Prohormones in the Early Diagnosis of Cardiac Syncope. <i>Journal of the American Heart Association</i> , 2017 , 6,	6	11
67	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
66	Inter-lead correlation analysis for automated detection of cable reversals in 12/16-lead ECG. <i>Computer Methods and Programs in Biomedicine</i> , 2016 , 134, 31-41	6.9	7
65	Diagnostic and Prognostic Utility of Circulating Cytochrome c in Acute Myocardial Infarction. <i>Circulation Research</i> , 2016 , 119, 1339-1346	15.7	11
64	Measurement of cardiac troponin for exclusion of myocardial infarction. <i>Lancet, The</i> , 2016 , 387, 2288	40	5
63	Incremental value of heart-type fatty acid-binding protein in suspected acute myocardial infarction early after symptom onset. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2016 , 5, 185-92	4.3	16
62	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
61	Incidence and Predictors of Cardiomyocyte Injury in Elective Coronary Angiography. <i>American Journal of Medicine</i> , 2016 , 129, 537.e1-8	2.4	3

60	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
59	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
58	Clinical benefit of high-sensitivity cardiac troponin I in the detection of exercise-induced myocardial ischemia. <i>American Heart Journal</i> , 2016 , 173, 8-17	4.9	37
57	Direct comparison of cardiac troponin I and cardiac troponin T in the detection of exercise-induced myocardial ischemia. <i>Clinical Biochemistry</i> , 2016 , 49, 421-432	3.5	17
56	Advanced ECG in 2016: is there more than just a tracing?. <i>Swiss Medical Weekly</i> , 2016 , 146, w14303	3.1	5
55	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
54	Diurnal Rhythm of Cardiac Troponin: Consequences for the Diagnosis of Acute Myocardial Infarction. <i>Clinical Chemistry</i> , 2016 , 62, 1602-1611	5.5	53
53	Incremental value of copeptin in suspected acute myocardial infarction very early after symptom onset. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2016 , 5, 407-15	4.3	14
52	Clinical impact of the 2010-2012 low-end shift of high-sensitivity cardiac troponin T. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2016 , 5, 399-408	4.3	16
51	Safety and efficacy of the 0 h/3 h protocol for rapid rule out of myocardial infarction. <i>American Heart Journal</i> , 2016 , 181, 16-25	4.9	52
50	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
49	Intersubject variability and intrasubject reproducibility of 12-lead ECG metrics: Implications for human verification. <i>Journal of Electrocardiology</i> , 2016 , 49, 784-789	1.4	13
48	Incremental value of a single high-sensitivity cardiac troponin I measurement to rule out myocardial ischemia. <i>American Journal of Medicine</i> , 2015 , 128, 638-46	2.4	25
47	Cardiomyocyte injury induced by hemodynamic cardiac stress: Differential release of cardiac biomarkers. <i>Clinical Biochemistry</i> , 2015 , 48, 1225-9	3.5	5
46	B-type natriuretic peptide secretion without change in intra-cardiac pressure. <i>Clinical Biochemistry</i> , 2015 , 48, 318-21	3.5	1
45	Incremental value of copeptin to highly sensitive cardiac Troponin I for rapid rule-out of myocardial infarction. <i>International Journal of Cardiology</i> , 2015 , 190, 170-6	3.2	31
44	Effects of hemolysis on the diagnostic accuracy of cardiac troponin I for the diagnosis of myocardial infarction. <i>International Journal of Cardiology</i> , 2015 , 187, 313-5	3.2	5
43	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

42	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
41	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
40	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
39	Prediction of mortality using quantification of renal function in acute heart failure. <i>International Journal of Cardiology</i> , 2015 , 201, 650-7	3.2	20
38	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
37	Incidence and timing of serious arrhythmias after early revascularization in non ST-elevation myocardial infarction. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2015 , 4, 359-64	4.3	3
36	How acute changes in cardiac troponin concentrations help to handle the challenges posed by troponin elevations in non-ACS-patients. <i>Clinical Biochemistry</i> , 2015 , 48, 218-22	3.5	17
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