Evangelos Giannitsis

List of Publications by Year
in descending order

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183	9,262	57631	42291
papers	citations	44 h-index	92 g-index

190	190	190	9055
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Analytical Validation of a High-Sensitivity Cardiac Troponin T Assay. Clinical Chemistry, 2010, 56, 254-261.	1.5	926
2	How to use high-sensitivity cardiac troponins in acute cardiac care. European Heart Journal, 2012, 33, 2252-2257.	1.0	666
3	Recommendations for the use of cardiac troponin measurement in acute cardiac care. European Heart Journal, 2010, 31, 2197-2204.	1.0	533
4	Independent Prognostic Value of Cardiac Troponin T in Patients With Confirmed Pulmonary Embolism. Circulation, 2000, 102, 211-217.	1.6	456
5	High-Sensitivity Cardiac Troponin T for Early Prediction of Evolving Nonâ€“ST-Segment Elevation Myocardial Infarction in Patients with Suspected Acute Coronary Syndrome and Negative Troponin Results on Admission. Clinical Chemistry, 2010, 56, 642-650.	1.5	303
6	Multicenter Evaluation of a 0-Hour/1-Hour Algorithm in the Diagnosis of Myocardial Infarction With High-Sensitivity Cardiac Troponin T. Annals of Emergency Medicine, 2016, 68, 76-87.e4.	0.3	294
7	Longitudinal Left Ventricular Function for Prediction of Survival in Systemic Light-Chain Amyloidosis. Journal of the American College of Cardiology, 2012, 60, 1067-1076.	1.2	253
8	Application of High-Sensitivity Troponin in Suspected Myocardial Infarction. New England Journal of Medicine, 2019, 380, 2529-2540.	13.9	230
9	T1 mapping in dilated cardiomyopathy with cardiac magnetic resonance: quantification of diffuse myocardial fibrosis and comparison with endomyocardial biopsy. European Heart Journal Cardiovascular Imaging, 2015, 16, 210-216.	0.5	217
10	Absolute and Relative Kinetic Changes of High-Sensitivity Cardiac Troponin T in Acute Coronary Syndrome and in Patients with Increased Troponin in the Absence of Acute Coronary Syndrome. Clinical Chemistry, 2012, 58, 209-218.	1.5	215
11	Assessment of myocardial deformation with cardiac magnetic resonance strain imaging improves risk stratification in patients with dilated cardiomyopathy. European Heart Journal Cardiovascular Imaging, 2015, 16, 307-315.	0.5	211
12	Cardiac troponin level elevations not related to acute coronary syndromes. Nature Reviews Cardiology, 2013, 10, 623-634.	6.1	188
13	Early discharge using single cardiac troponin and copeptin testing in patients with suspected acute coronary syndrome (ACS): a randomized, controlled clinical process study. European Heart Journal, 2015, 36, 369-376.	1.0	182
14	How is cardiac troponin released from injured myocardium?. European Heart Journal: Acute Cardiovascular Care, 2018, 7, 553-560.	0.4	179
15	Determinants of troponin release in patients with stable coronary artery disease: insights from CT angiography characteristics of atherosclerotic plaque. Heart, 2011, 97, 823-831.	1.2	166
16	Cardiac Magnetic Resonance Imaging Study for Quantification of Infarct Size Comparing Directly Serial Versus Single Time-Point Measurements of Cardiac Troponin T. Journal of the American College of Cardiology, 2008, 51, 307-314.	1.2	162
17	Age- and gender-related normal left ventricular deformation assessed by cardiovascular magnetic resonance feature tracking. Journal of Cardiovascular Magnetic Resonance, 2015, 17, 25.	1.6	162
18	Cardiac Troponin T at 96 Hours After Acute Myocardial Infarction Correlates With Infarct Size and Cardiac Function. Journal of the American College of Cardiology, 2006, 48, 2192-2194.	1.2	130

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19	Cardiac Troponin T for Prediction of Short- and Long-Term Morbidity and Mortality after Elective Open Heart Surgery. Clinical Chemistry, 2004, 50, 1560-1567.	1.5	122
20	A Systematic Review and Collaborative Meta-Analysis to Determine the Incremental Value of Copeptin for Rapid Rule-Out of Acute Myocardial Infarction. American Journal of Cardiology, 2014, 113, 1581-1591.	0.7	118
21	Diagnostic and prognostic implications using age- and gender-specific cut-offs for high-sensitivity cardiac troponin T â€" Sub-analysis from the TRAPID-AMI study. International Journal of Cardiology, 2016, 209, 26-33.	0.8	101
22	High-sensitive troponin T: a novel biomarker for prognosis and disease severity in patients with pulmonary arterial hypertension. Clinical Science, 2010, 119, 207-213.	1.8	90
23	Combined Testing of High-Sensitivity Troponin T and Copeptin on Presentation at Prespecified Cutoffs Improves Rapid Rule-Out of Nonâ€"ST-Segment Elevation Myocardial Infarction. Clinical Chemistry, 2011, 57, 1452-1455.	1.5	88
24	Influence of the Confounding Factors Age and Sex on MicroRNA Profiles from Peripheral Blood. Clinical Chemistry, 2014, 60, 1200-1208.	1.5	84
25	Prevalence of Different Gadolinium Enhancement Patterns in Patients After Heart Transplantation. Journal of the American College of Cardiology, 2008, 52, 1160-1167.	1.2	83
26	Strain-Encoded CMR for the Detection of Inducible Ischemia During Intermediate Stress. JACC: Cardiovascular Imaging, 2010, 3, 361-371.	2.3	73
27	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. Clinical Research in Cardiology, 2011, 100, 209-215.	1.5	72
28	Strainâ€encoded (SENC) magnetic resonance imaging to evaluate regional heterogeneity of myocardial strain in healthy volunteers: Comparison with conventional tagging. Journal of Magnetic Resonance Imaging, 2009, 29, 99-105.	1.9	71
29	Determination of Clopidogrel Resistance by Whole Blood Platelet Aggregometry and Inhibitors of the P2Y12 Receptor. Clinical Chemistry, 2006, 52, 383-388.	1.5	67
30	Strain-Encoded MRI for Evaluation of Left Ventricular Function and Transmurality in Acute Myocardial Infarction. Circulation: Cardiovascular Imaging, 2009, 2, 116-122.	1.3	67
31	S100A1 is released from ischemic cardiomyocytes and signals myocardial damage via Tollâ€like receptor 4. EMBO Molecular Medicine, 2014, 6, 778-794.	3.3	66
32	What to do when you question cardiac troponin values. European Heart Journal: Acute Cardiovascular Care, 2018, 7, 577-586.	0.4	66
33	Determination of Aspirin Responsiveness by Use of Whole Blood Platelet Aggregometry. Clinical Chemistry, 2007, 53, 614-619.	1.5	64
34	Prognostic Utility of a Modified HEART Score in Chest Pain Patients in the Emergency Department. Circulation: Cardiovascular Quality and Outcomes, 2017, 10, .	0.9	64
35	RAPID-CPU: a prospective study on implementation of the ESC 0/1-hour algorithm and safety of discharge after rule-out of myocardial infarction. European Heart Journal: Acute Cardiovascular Care, 2020, 9, 39-51.	0.4	63
36	Effect of older age on diagnostic and prognostic performance of high-sensitivity troponin T in patients presenting to an emergency department. American Heart Journal, 2012, 164, 698-705.e4.	1.2	62

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37	Prediction of functional recovery by cardiac magnetic resonance feature tracking imaging in first time ST-elevation myocardial infarction. Comparison to infarct size and transmurality by late gadolinium enhancement. International Journal of Cardiology, 2015, 183, 162-170.	0.8	58
38	Diagnostic Evaluation of a High-Sensitivity Troponin I Point-of-Care Assay. Clinical Chemistry, 2019, 65, 1592-1601.	1.5	56
39	Strain-Encoded Cardiac Magnetic Resonance During High-Dose Dobutamine Stress Testing for the Estimation of Cardiac Outcomes. Journal of the American College of Cardiology, 2011, 58, 1140-1149.	1.2	55
40	Noninvasive Risk Stratification of Patients With Transthyretin Amyloidosis. JACC: Cardiovascular Imaging, 2014, 7, 502-510.	2.3	54
41	Strain-Encoded Cardiac MRI as an Adjunct for Dobutamine Stress Testing. Circulation: Cardiovascular Imaging, 2009, 2, 132-140.	1.3	52
42	Refining Diagnostic MicroRNA Signatures by Whole-miRNome Kinetic Analysis in Acute Myocardial Infarction. Clinical Chemistry, 2013, 59, 410-418.	1.5	52
43	Cardiac Troponin T. Circulation Journal, 2013, 77, 1653-1661.	0.7	50
44	Economic evaluation of the one-hour rule-out and rule-in algorithm for acute myocardial infarction using the high-sensitivity cardiac troponin T assay in the emergency department. PLoS ONE, 2017, 12, e0187662.	1.1	48
45	Impact of Systolic and Diastolic Deformation Indexes Assessed by Strain-Encoded Imaging to Predict Persistent Severe Myocardial Dysfunction in Patients After Acute Myocardial Infarction at Follow-Up. Journal of the American College of Cardiology, 2010, 56, 1056-1062.	1.2	45
46	Fast assessment of long axis strain with standard cardiovascular magnetic resonance: a validation study of a novel parameter with reference values. Journal of Cardiovascular Magnetic Resonance, 2015, 17, 69.	1.6	45
47	Analytically false or true positive elevations of high sensitivity cardiac troponin: a systematic approach. Heart, 2014, 100, 508-514.	1.2	42
48	Criteria of the German Society of Cardiology for the establishment of chest pain units: update 2014. Clinical Research in Cardiology, 2015, 104, 918-928.	1.5	40
49	Diagnostic and Prognostic Value of Long-Axis Strain and Myocardial Contraction Fraction Using Standard Cardiovascular MR Imaging in Patients with Nonischemic Dilated Cardiomyopathies. Radiology, 2017, 283, 681-691.	3.6	38
50	Gender-specific reference values for high-sensitivity cardiac troponin T and I in well-phenotyped healthy individuals and validity of high-sensitivity assay designation. Clinical Biochemistry, 2020, 78, 18-24.	0.8	38
51	Quantitative analysis of left ventricular strain using cardiac computed tomography. European Journal of Radiology, 2014, 83, e123-e130.	1.2	37
52	Classification of diastolic function with phase-contrast cardiac magnetic resonance imaging: validation with echocardiography and age-related reference values. Clinical Research in Cardiology, 2014, 103, 441-450.	1.5	35
53	An Automated Assay for Growth Differentiation Factor 15. journal of applied laboratory medicine, The, 2017, 1, 510-521.	0.6	35
54	Age-adjusted high-sensitivity troponin T cut-off value for risk stratification of pulmonary embolism. European Respiratory Journal, 2015, 45, 1323-1331.	3.1	34

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55	Serial Sampling of High-Sensitivity Cardiac Troponin T May Not Be Required for Prediction of Acute Myocardial Infarction Diagnosis in Chest Pain Patients with Highly Abnormal Concentrations at Presentation. Clinical Chemistry, 2017, 63, 542-551.	1.5	33
56	Late gadolinium enhancement assessed by cardiac magnetic resonance imaging in heart transplant recipients with different stages of cardiac allograft vasculopathy. European Heart Journal Cardiovascular Imaging, 2014, 15, 1125-1132.	0.5	32
57	Myocardial contraction fraction derived from cardiovascular magnetic resonance cine imagesâ€"reference values and performance in patients with heart failure and left ventricular hypertrophy. European Heart Journal Cardiovascular Imaging, 2017, 18, 1414-1422.	0.5	32
58	Cardiac iron concentration in relation to systemic iron status and disease severity in nonâ€ischaemic heart failure with reduced ejection fraction. European Journal of Heart Failure, 2020, 22, 2038-2046.	2.9	32
59	Safety and efficacy of the European Society of Cardiology 0/1-hour algorithm for diagnosis of myocardial infarction: systematic review and meta-analysis. Heart, 2020, 106, 985-991.	1.2	32
60	Very early cardiac magnetic resonance imaging for quantification of myocardial tissue perfusion in patients receiving tirofiban before percutaneous coronary intervention for ST-elevation myocardial infarction. American Heart Journal, 2005, 149, 564.e1-564.e7.	1.2	31
61	Effect of stress-induced reversible ischemia on serum concentrations of ischemia-modified albumin, natriuretic peptides and placental growth factor. Clinical Research in Cardiology, 2007, 96, 152-159.	1.5	31
62	Incremental value of cardiac deformation analysis in acute myocarditis: a cardiovascular magnetic resonance imaging study. International Journal of Cardiovascular Imaging, 2016, 32, 1093-1101.	0.7	31
63	Counterpoint: Potential Concerns Regarding the Use of Sex-Specific Cutpoints for High-Sensitivity Troponin Assays. Clinical Chemistry, 2017, 63, 264-266.	1.5	31
64	Amyloid-Î² (1-40) and Mortality in Patients With Nonâ€"ST-Segment Elevation Acute Coronary Syndrome. Annals of Internal Medicine, 2018, 168, 855.	2.0	29
65	Nâ€terminal pro brain natriuretic peptide in the management of patients in the medical emergency department (PROMPT): correlation with disease severity, utilization of hospital resources, and prognosis in a large, prospective, randomized multicentre trial. European Journal of Heart Failure, 2012, 14, 259-267.	2.9	27
66	Prognostic value of elevated high-sensitivity cardiac troponin T levels in a low risk outpatient population with cardiovascular disease. European Heart Journal: Acute Cardiovascular Care, 2016, 5, 409-418.	0.4	27
67	Guideline-adherence and perspectives in the acute management of unstable angina â€" Initial results from the German chest pain unit registry. Journal of Cardiology, 2015, 66, 108-113.	0.8	26
68	Biomarkers and Coronary Lesions Predict Outcomes after Revascularization in Nonâ€"ST-Elevation Acute Coronary Syndrome. Clinical Chemistry, 2017, 63, 573-584.	1.5	26
69	Biomarkers for Clinical Decision-Making in the Management of Pulmonary Embolism. Clinical Chemistry, 2017, 63, 91-100.	1.5	26
70	Glucagon-like peptide 1 levels predict cardiovascular risk in patients with acute myocardial infarction. European Heart Journal, 2020, 41, 882-889.	1.0	25
71	Combined testing of copeptin and high-sensitivity cardiac troponin T at presentation in comparison to other algorithms for rapid rule-out of acute myocardial infarction. International Journal of Cardiology, 2019, 276, 261-267.	0.8	25
72	Novel Criteria for the Observe-Zone of the ESC 0/1h-hs-cTnT Algorithm. Circulation, 2021, 144, 773-787.	1.6	25

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73	Epicardial Adipose Tissue Is Associated with Plaque Burden and Composition and Provides Incremental Value for the Prediction of Cardiac Outcome. A Clinical Cardiac Computed Tomography Angiography Study. PLoS ONE, 2016, 11, e0155120.	1.1	24
74	Cardiovascular magnetic resonance of cardiac morphology and function: impact of different strategies of contour drawing and indexing. Clinical Research in Cardiology, 2019, 108, 411-429.	1.5	23
75	Comparison of cardiac troponin T and troponin I assays--implications of analytical and biochemical differences on clinical performance. Clinical Laboratory, 2004, 50, 521-8.	0.2	23
76	Equal clinical performance of a novel point-of-care cardiac troponin I (cTnI) assay with a commonly used high-sensitivity cTnI assay. Clinica Chimica Acta, 2017, 469, 119-125.	0.5	22
77	Combined Assessment of High-Sensitivity Troponin T and Noninvasive Coronary Plaque Composition for the Prediction of Cardiac Outcomes. Radiology, 2015, 276, 73-81.	3.6	21
78	Comparative accuracy of NTâ€proBNP and MRâ€proANP for the diagnosis of acute heart failure in dyspnoeic patients. ESC Heart Failure, 2017, 4, 232-240.	1.4	21
79	The need for dedicated advanced heart failure units to optimize heart failure care: impact of optimized advanced heart failure unit care on heart transplant outcome in highâ€risk patients. ESC Heart Failure, 2018, 5, 1108-1117.	1.4	21
80	Multicentre cross-sectional observational registry to monitor the safety of early discharge after rule-out of acute myocardial infarction by copeptin and troponin: the Pro-Core registry. BMJ Open, 2019, 9, e028311.	0.8	21
81	N-Terminal Proâ€“B-Type Natriuretic Peptide Concentrations Predict the Risk of Cardiovascular Adverse Events from Antiinflammatory Drugs: A Pilot Trial. Clinical Chemistry, 2008, 54, 1149-1157.	1.5	20
82	A comprehensive analysis of cardiac valve plane displacement in healthy adults: age-stratified normal values by cardiac magnetic resonance. International Journal of Cardiovascular Imaging, 2017, 33, 721-729.	0.7	20
83	Myocardial mechanics in dilated cardiomyopathy: prognostic value of left ventricular torsion and strain. Journal of Cardiovascular Magnetic Resonance, 2021, 23, 136.	1.6	20
84	Efficacy of enteral ticagrelor in hypothermic patients after out-of-hospital cardiac arrest. Clinical Research in Cardiology, 2016, 105, 332-340.	1.5	19
85	Sex-specific troponin measures for diagnosis of acute coronary syndrome. Heart, 2016, 102, 91-92.	1.2	19
86	A Novel Lipid Biomarker Panel for the Detection of Heart Failure with Reduced Ejection Fraction. Clinical Chemistry, 2017, 63, 267-277.	1.5	19
87	Highâ€sensitivity cardiac troponin T determines allâ€cause mortality in cancer patients: a singleâ€centre cohort study. ESC Heart Failure, 2021, 8, 3709-3719.	1.4	19
88	Cardiac Biomarkers in Haemodialysis Patients: The Prognostic Value of Amino-Terminal Pro-B-Type Natriuretic Peptide and Cardiac Troponin T. Nephron Clinical Practice, 2007, 107, c77-c81.	2.3	18
89	Troponins and High-Sensitivity Troponins as Markers of Necrosis in CAD and Heart Failure. Herz, 2009, 34, 600-606.	0.4	18
90	Point-of-care testing with high-sensitivity cardiac troponin assays: the challenges and opportunities. Emergency Medicine Journal, 2022, 39, 861-866.	0.4	18

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91	Addition of copeptin improves diagnostic performance of point-of-care testing (POCT) for cardiac troponin T in early rule-out of myocardial infarction â€" A pilot study. International Journal of Cardiology, 2015, 198, 26-30.	0.8	17
92	Outcomes after planned invasive or conservative treatment strategy in patients with non-ST-elevation acute coronary syndrome and a normal value of high sensitivity troponin at randomisation: A Platelet Inhibition and Patient Outcomes (PLATO) trial biomarker substudy. European Heart Journal: Acute Cardiovascular Care, 2017, 6, 500-510.	0.4	17
93	Invasive treatment of NSTEMI patients in German Chest Pain Units â€" Evidence for a treatment paradox. International Journal of Cardiology, 2018, 255, 15-19.	0.8	17
94	Prognostic value of elevated high-sensitivity cardiac troponin T in patients admitted to an emergency department with atrial fibrillation. Europace, 2018, 20, 582-588.	0.7	17
95	Skeletal myopathies as a non-cardiac cause of elevations of cardiac troponin concentrations. Diagnosis, 2019, 6, 189-201.	1.2	17
96	Management and outcomes of patients with unstable angina with undetectable, normal, or intermediate hsTnT levels. Clinical Research in Cardiology, 2020, 109, 476-487.	1.5	17
97	Novel biomarkers for risk stratification in pulmonary arterial hypertension. ERJ Open Research, 2015, 1, 00008-2015.	1.1	16
98	On versus off-hour care of patients with acute coronary syndrome and persistent ST-segment elevation in certified German chest pain units. European Heart Journal: Acute Cardiovascular Care, 2017, 6, 3-9.	0.4	16
99	Cost analysis of early discharge using combined copeptin/cardiac troponin testing versus serial cardiac troponin testing in patients with suspected acute coronary syndrome. PLoS ONE, 2018, 13, e0202133.	1.1	15
100	Frontline Science: Low regulatory T cells predict perioperative major adverse cardiovascular and cerebrovascular events after noncardiac surgery. Journal of Leukocyte Biology, 2020, 107, 717-730.	1.5	15
101	High-sensitivity cardiac troponin T as an independent predictor of stroke in patients admitted to an emergency department with atrial fibrillation. PLoS ONE, 2019, 14, e0212278.	1.1	14
102	Guideline-adherence regarding critical time intervals in the German Chest Pain Unit registry. European Heart Journal: Acute Cardiovascular Care, 2020, 9, 52-61.	0.4	14
103	Fibroblast growth factor 23 (FGF-23) is an early predictor of mortality in patients with cardiac arrest. Resuscitation, 2016, 98, 91-96.	1.3	13
104	The Asia-Pacific Society of Cardiology (APSC) Expert Committee Consensus Recommendations for Assessment of Suspected Acute Coronary Syndrome Using High-Sensitivity Cardiac Troponin T in the Emergency Department. Circulation Journal, 2020, 84, 136-143.	0.7	13
105	Tirofiban optimizes platelet inhibition for immediate percutaneous coronary intervention in high-risk acute coronary syndromes. Thrombosis and Haemostasis, 2008, 100, 648-654.	1.8	12
106	Pros and cons of high-sensitivity assays for cardiac troponin. Nature Reviews Cardiology, 2012, 9, 616-618.	6.1	12
107	When Do We Really Need Coronary Calcium Scoring Prior to Contrast-Enhanced Coronary Computed Tomography Angiography? Analysis by Age, Gender and Coronary Risk Factors. PLoS ONE, 2014, 9, e92396.	1.1	11
108	Highly sensitive troponins knocking at the door of primary prevention. European Heart Journal, 2014, 35, 268-270.	1.0	11

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109	Dobutamine stress cardiac magnetic resonance versus echocardiography for the assessment of outcome in patients with suspected or known coronary artery disease. Are the two imaging modalities comparable?. International Journal of Cardiology, 2014, 171, 153-160.	0.8	11
110	Impact of Leading Presenting Symptoms on the Diagnostic Performance of High-Sensitivity Cardiac Troponin T and on Outcomes in Patients with Suspected Acute Coronary Syndrome. Clinical Chemistry, 2015, 61, 744-751.	1.5	11
111	Identification of novel antigens contributing to autoimmunity in cardiovascular diseases. Clinical Immunology, 2016, 173, 64-75.	1.4	11
112	Prognostic Value of High-Sensitivity Cardiac Troponin T Compared with Risk Scores in Stable Cardiovascular Disease. American Journal of Medicine, 2017, 130, 572-582.	0.6	11
113	Copeptin combined with either non-high sensitivity or high sensitivity cardiac troponin for instant rule-out of suspected non-ST segment elevation myocardial infarction. Biomarkers, 2020, 25, 649-658.	0.9	11
114	German chest pain unit registry: data review after the first decade of certification. Herz, 2021, 46, 24-32.	0.4	11
115	Comparison of the analytical performance of the PATHFAST high sensitivity cardiac troponin I using fresh whole blood vs. fresh plasma samples. Clinical Chemistry and Laboratory Medicine, 2021, 59, 1579-1584.	1.4	11
116	Challenging Interpretation of Elevated Cardiac Troponin T in a Complex Case With Rhabdomyolysis. Journal of the American College of Cardiology, 2012, 60, 1027-1028.	1.2	10
117	Biomarkers for infarct diagnosis and rapid rule-out/rule-in of acute myocardial infarction. Herz, 2020, 45, 509-519.	0.4	10
118	Capacity changes in GermanÂcertified chest pain units during COVID-19 outbreak response. Clinical Research in Cardiology, 2020, 109, 1469-1475.	1.5	10
119	The effects of facilitated primary PCI by guide wire on procedural and clinical outcomes in acute ST-segment elevation myocardial infarction. Clinical Research in Cardiology, 2007, 96, 557-565.	1.5	9
120	Prognostic performance of kinetic changes of high-sensitivity troponin T in acute coronary syndrome and in patients with increased troponin without acute coronary syndrome. International Journal of Cardiology, 2014, 174, 524-529.	0.8	9
121	Characterization and referral patterns of ST-elevation myocardial infarction patients admitted to chest pain units rather than directly to catherization laboratories. Data from the German Chest Pain Unit Registry. International Journal of Cardiology, 2017, 231, 31-35.	0.8	9
122	High sensitivity cardiac troponin T in patients not having an acute coronary syndrome: results from the TRAPID-AMI study. Biomarkers, 2017, 22, 709-714.	0.9	9
123	Variability of cardiovascular magnetic resonance (CMR) T1 mapping parameters in healthy volunteers during long-term follow-up. Open Heart, 2018, 5, e000717.	0.9	9
124	Effects of crowding in the emergency department on the diagnosis and management of suspected acute coronary syndrome using rapid algorithms: an observational study. BMJ Open, 2020, 10, e041757.	0.8	9
125	Instant rule-out of suspected non-ST-segment elevation myocardial infarction using high-sensitivity cardiac troponin T with Copeptin versus a single low high-sensitivity cardiac troponin T: findings from a large pooled individual data analysis on 10,329 patients. Clinical Research in Cardiology, 2021, 110, 194-199.	1.5	9
126	Unidimensional Longitudinal Strain: A Simple Approach for the Assessment of Longitudinal Myocardial Deformation by Echocardiography. Journal of the American Society of Echocardiography, 2018, 31, 733-742.	1.2	8

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127	Prognostic Value of Elevated Copeptin and High-Sensitivity Cardiac Troponin T in Patients with and without Acute Coronary Syndrome: The ConTrACS Study. Journal of Clinical Medicine, 2020, 9, 3627.	1.0	8
128	Critical appraisal of the 2020 ESC guideline recommendations on diagnosis and risk assessment in patients with suspected non-ST-segment elevation acute coronary syndrome. Clinical Research in Cardiology, 2021, 110, 1353-1368.	1.5	8
129	Rationale for testing the cardiovascular risk for patients with COX-2 inhibitors on the basis of biomarker NT-proBNP. Clinical Laboratory, 2005, 51, 63-83.	0.2	8
130	Two rare cases of left and right atrial congenital heart disease: cor triatriatum dexter and sinister. Clinical Research in Cardiology, 2007, 96, 122-124.	1.5	7
131	Contrast-enhanced magnetic resonance imaging reveals early decrease of transmural extent of reperfused acute myocardial infarction. Clinical Research in Cardiology, 2008, 97, 913-916.	1.5	7
132	Pathophysiological background and prognostic implication of systolic aortic root motion in non-ischemic dilated cardiomyopathy. Scientific Reports, 2019, 9, 3866.	1.6	7
133	Long-term biological variation of high-sensitivity cardiac troponin T using minimal important differences and reference change values in stable outpatients with cardiovascular disease. Clinical Biochemistry, 2019, 67, 7-11.	0.8	7
134	Symptoms Predictive of Acute Myocardial Infarction in the Troponin Era: Analysis From the TRAPID-AMI Study. Critical Pathways in Cardiology, 2019, 18, 10-15.	0.2	7
135	Feasibility of fast cardiovascular magnetic resonance strain imaging in patients presenting with acute chest pain. PLoS ONE, 2021, 16, e0251040.	1.1	7
136	Do we need to consider age and gender for accurate diagnosis of myocardial infarction?. Diagnosis, 2016, 3, 175-181.	1.2	6
137	Rationale and design of the IMPACT EU-trial: improve management of heart failure with procalcitonin biomarkers in cardiology (BIC)-18. Biomarkers, 2018, 23, 97-103.	0.9	6
138	Platelet function monitoring for stent thrombosis in critically Ill patients with an acute Coronary syndrome. Journal of Interventional Cardiology, 2018, 31, 277-283.	0.5	6
139	Anomalous right coronary artery arising next to the left coronary ostium. International Journal of Cardiology, 2010, 145, e50-e53.	0.8	5
140	Gender Differences in Patients Admitted to a Certified German Chest Pain Unit: Results from the German Chest Pain Unit Registry. Cardiology, 2020, 145, 562-569.	0.6	5
141	Peptide YY (PYY) Is Associated with Cardiovascular Risk in Patients with Acute Myocardial Infarction. Journal of Clinical Medicine, 2020, 9, 3952.	1.0	5
142	The impact of Wilson disease on myocardial tissue and function: a cardiovascular magnetic resonance study. Journal of Cardiovascular Magnetic Resonance, 2021, 23, 84.	1.6	5
143	Age- and gender-related reference values of cardiac morphology and function in cardiovascular magnetic resonance. International Journal of Cardiovascular Imaging, 2021, 37, 2011-2023.	0.7	5
144	Analysis of Symptoms of COVID-19 Positive Patients and Potential Effects on Initial Assessment . Open Access Emergency Medicine, 2020, Volume 12, 451-457.	0.6	5

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145	Dynamic Handgrip Exercise: Feasibility and Physiologic Stress Response of a Potential Needle-Free Cardiac Magnetic Resonance Stress Test. Frontiers in Cardiovascular Medicine, 2021, 8, 755759.	1.1	5
146	Tirofiban optimizes platelet inhibition for immediate percutaneous coronary intervention in high-risk acute coronary syndromes. Thrombosis and Haemostasis, 2008, 100, 648-54.	1.8	5
147	Diagnostic performance and predictive value of D-dimer testing in patients referred to the emergency department for suspected myocardial infarction. Clinical Biochemistry, 2022, 104, 22-29.	0.8	5
148	Prognostic performance of high-sensitivity cardiac troponin T kinetic changes adjusted for elevated admission values and the GRACE score in an unselected emergency department population. Clinica Chimica Acta, 2014, 435, 29-35.	0.5	4
149	Diagnostic and prognostic value of sex- and age-specific cutpoints for high-sensitivity Troponin T in non-ST-elevation acute coronary syndrome. International Journal of Cardiology, 2019, 275, 13-19.	0.8	4
150	Identification of patients at higher risk for myocardial injury following elective coronary artery intervention. Catheterization and Cardiovascular Interventions, 2020, 96, 578-585.	0.7	4
151	Validation of two severity scores as predictors for outcome in Coronavirus Disease 2019 (COVID-19). PLoS ONE, 2021, 16, e0247488.	1.1	4
152	Interpretation of myocardial injury subtypes in COVID-19 disease per fourth version of Universal Definition of Myocardial Infarction. Biomarkers, 2021, 26, 401-409.	0.9	4
153	Relationship between markers of inflammation and hemodynamic stress and death in patients with out-of-hospital cardiac arrest. Scientific Reports, 2021, 11, 9954.	1.6	4
154	Prognostic value of circulating microRNAs compared to high-sensitivity troponin T in patients presenting with suspected acute coronary syndrome to the emergency department. Clinical Biochemistry, 2022, 99, 9-16.	0.8	4
155	Prognostic value of changes in high-sensitivity cardiac troponin T beyond biological variation in stable outpatients with cardiovascular disease: a validation study. Clinical Research in Cardiology, 2022, 111, 333-342.	1.5	4
156	OUP accepted manuscript. European Heart Journal, 2022, , .	1.0	4
157	Multimarker strategy in acute coronary syndromeâ€"proâ€multimarker. Acute Cardiac Care, 2007, 9, 6-9.	0.2	3
158	Off limits: highly sensitive troponin in the general population. European Heart Journal, 2016, 37, 2438-2440.	1.0	3
159	Aptamer-based proteomic profiling for prognostication in pulmonary arterial hypertension. Lancet Respiratory Medicine,the, 2017, 5, 671-672.	5.2	3
160	Concerns About the Stability of hsTnI Assay After 20 Years of Storage. Journal of the American College of Cardiology, 2017, 69, 2772-2773.	1.2	3
161	Management of Pulmonary Embolism: Results from the German Chest Pain Unit Registry. Cardiology, 2021, 146, 304-310.	0.6	3
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