Nicholas L Mills

List of Publications by Year
in descending order

194 papers	18,654 citations	15880 67 h-index	14386 132 g-index
213 all docs	213 docs citations	213 times ranked	20044 citing authors

#	Article	IF	Citations
1	Global association of air pollution and heart failure: a systematic review and meta-analysis. Lancet, The, 2013, 382, 1039-1048.	6.3	929
2	Coronary CT Angiography and 5-Year Risk of Myocardial Infarction. New England Journal of Medicine, 2018, 379, 924-933.	13.9	898
3	18F-fluoride positron emission tomography for identification of ruptured and high-risk coronary atherosclerotic plaques: a prospective clinical trial. Lancet, The, 2014, 383, 705-713.	6.3	804
4	Combustion-derived nanoparticles: a review of their toxicology following inhalation exposure. Particle and Fibre Toxicology, 2005, 2, 10.	2.8	713
5	Expert position paper on air pollution and cardiovascular disease. European Heart Journal, 2015, 36, 83-93.	1.0	646
6	Adverse cardiovascular effects of air pollution. Nature Clinical Practice Cardiovascular Medicine, 2009, 6, 36-44.	3.3	619
7	Ischemic and Thrombotic Effects of Dilute Diesel-Exhaust Inhalation in Men with Coronary Heart Disease. New England Journal of Medicine, 2007, 357, 1075-1082.	13.9	578
8	Short term exposure to air pollution and stroke: systematic review and meta-analysis. BMJ, The, 2015, 350, h1295.	3.0	558
9	Diesel Exhaust Inhalation Causes Vascular Dysfunction and Impaired Endogenous Fibrinolysis. Circulation, 2005, 112, 3930-3936.	1.6	549
10	Inhaled Nanoparticles Accumulate at Sites of Vascular Disease. ACS Nano, 2017, 11, 4542-4552.	7.3	437
11	High-sensitivity cardiac troponin I at presentation in patients with suspected acute coronary syndrome: a cohort study. Lancet, The, 2015, 386, 2481-2488.	6.3	422
12	Risks of myocarditis, pericarditis, and cardiac arrhythmias associated with COVID-19 vaccination or SARS-CoV-2 infection. Nature Medicine, 2022, 28, 410-422.	15.2	392
13	Low-Attenuation Noncalcified Plaque on Coronary Computed Tomography Angiography Predicts Myocardial Infarction. Circulation, 2020, 141, 1452-1462.	1.6	348
14	High sensitivity cardiac troponin and the under-diagnosis of myocardial infarction in women: prospective cohort study. BMJ, The, 2015, 350, g7873.	3.0	338
15	Persistent Endothelial Dysfunction in Humans after Diesel Exhaust Inhalation. American Journal of Respiratory and Critical Care Medicine, 2007, 176, 395-400.	2.5	334
16	Do Inhaled Carbon Nanoparticles Translocate Directly into the Circulation in Humans?. American Journal of Respiratory and Critical Care Medicine, 2006, 173, 426-431.	2.5	289
17	Nanomaterials Versus Ambient Ultrafine Particles: An Opportunity to Exchange Toxicology Knowledge. Environmental Health Perspectives, 2017, 125, 106002.	2.8	274
18	Diesel exhaust inhalation increases thrombus formation in man. European Heart Journal, 2008, 29, 3043-3051.	1.0	271

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19	Implementation of a Sensitive Troponin I Assay and Risk of Recurrent Myocardial Infarction and Death in Patients With Suspected Acute Coronary Syndrome. JAMA - Journal of the American Medical Association, 2011, 305, 1210.	3.8	270
20	High-sensitivity troponin in the evaluation of patients with suspected acute coronary syndrome: a stepped-wedge, cluster-randomised controlled trial. Lancet, The, 2018, 392, 919-928.	6.3	263
21	Arterial Stiffness Is Independently Associated with Emphysema Severity in Patients with Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2007, 176, 1208-1214.	2.5	252
22	Long-Term Outcomes in Patients With Type 2 Myocardial Infarction and Myocardial Injury. Circulation, 2018, 137, 1236-1245.	1.6	250
23	Adverse health effects associated with household air pollution: a systematic review, meta-analysis, and burden estimation study. The Lancet Global Health, 2020, 8, e1427-e1434.	2.9	234
24	Reducing Personal Exposure to Particulate Air Pollution Improves Cardiovascular Health in Patients with Coronary Heart Disease. Environmental Health Perspectives, 2012, 120, 367-372.	2.8	231
25	Application of High-Sensitivity Troponin in Suspected Myocardial Infarction. New England Journal of Medicine, 2019, 380, 2529-2540.	13.9	230
26	Assessment and Treatment of Patients With Type 2 Myocardial Infarction and Acute Nonischemic Myocardial Injury. Circulation, 2019, 140, 1661-1678.	1.6	207
27	Assessment and classification of patients with myocardial injury and infarction in clinical practice. Heart, 2017, 103, 10-18.	1.2	205
28	Cardiac Troponin T and Troponin I in the General Population. Circulation, 2019, 139, 2754-2764.	1.6	200
29	High-Sensitivity Cardiac Troponin, StatinÂTherapy, and Risk of CoronaryÂHeartÂDisease. Journal of the American College of Cardiology, 2016, 68, 2719-2728.	1.2	199
30	High-sensitivity troponin I concentrations are a marker of an advanced hypertrophic response and adverse outcomes in patients with aortic stenosis. European Heart Journal, 2014, 35, 2312-2321.	1.0	193
31	Association of High-Sensitivity Cardiac Troponin I Concentration With Cardiac Outcomes in Patients With Suspected Acute Coronary Syndrome. JAMA - Journal of the American Medical Association, 2017, 318, 1913.	3.8	188
32	Beneficial cardiovascular effects of reducing exposure to particulate air pollution with a simple facemask. Particle and Fibre Toxicology, 2009, 6, 8.	2.8	178
33	Particle Traps Prevent Adverse Vascular and Prothrombotic Effects of Diesel Engine Exhaust Inhalation in Men. Circulation, 2011, 123, 1721-1728.	1.6	178
34	Combustion-derived nanoparticulate induces the adverse vascular effects of diesel exhaust inhalation. European Heart Journal, 2011, 32, 2660-2671.	1.0	172
35	Vascular Dysfunction in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2009, 180, 513-520.	2.5	161
36	Comparison of the Efficacy and Safety of Early Rule-Out Pathways for Acute Myocardial Infarction. Circulation, 2017, 135, 1586-1596.	1.6	153

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37	High-Sensitivity Cardiac Troponin Can Be an Ally in the Fight Against COVID-19. Circulation, 2020, 141, 1733-1735.	1.6	147
38	Sensitive Troponin Assay and the Classification of Myocardial Infarction. American Journal of Medicine, 2015, 128, 493-501.e3.	0.6	134
39	Machine Learning to Predict the Likelihood of Acute Myocardial Infarction. Circulation, 2019, 140, 899-909.	1.6	128
40	Role of inflammation in cardiopulmonary health effects of PM. Toxicology and Applied Pharmacology, 2005, 207, 483-488.	1.3	125
41	High-Sensitivity Cardiac Troponin and the Universal Definition of Myocardial Infarction. Circulation, 2020, 141, 161-171.	1.6	124
42	Experimental exposure to diesel exhaust increases arterial stiffness in man. Particle and Fibre Toxicology, 2009, 6, 7.	2.8	122
43	Left Ventricular Hypertrophy With Strain and Aortic Stenosis. Circulation, 2014, 130, 1607-1616.	1.6	116
44	Direct Impairment of Vascular Function by Diesel Exhaust Particulate through Reduced Bioavailability of Endothelium-Derived Nitric Oxide Induced by Superoxide Free Radicals. Environmental Health Perspectives, 2009, 117, 611-616.	2.8	114
45	Exposure to diesel exhaust induces changes in EEG in human volunteers. Particle and Fibre Toxicology, 2008, 5, 4.	2.8	111
46	Exposure to Concentrated Ambient Particles Does Not Affect Vascular Function in Patients with Coronary Heart Disease. Environmental Health Perspectives, 2008, 116, 709-715.	2.8	106
47	Diesel exhaust particulate increases the size and complexity of lesions in atherosclerotic mice. Particle and Fibre Toxicology, 2013, 10, 61.	2.8	103
48	Comparison between High-Sensitivity Cardiac Troponin T and Cardiac Troponin I in a Large General Population Cohort. Clinical Chemistry, 2018, 64, 1607-1616.	1.5	101
49	Impaired vascular function after exposure to diesel exhaust generated at urban transient running conditions. Particle and Fibre Toxicology, 2010, 7, 19.	2.8	99
50	Exposure to wood smoke increases arterial stiffness and decreases heart rate variability in humans. Particle and Fibre Toxicology, 2013, 10, 20.	2.8	99
51	Guiding Therapy by Coronary CT Angiography Improves Outcomes in Patients With StableÂChest Pain. Journal of the American College of Cardiology, 2019, 74, 2058-2070.	1.2	99
52	Patient selection for high sensitivity cardiac troponin testing and diagnosis of myocardial infarction: prospective cohort study. BMJ: British Medical Journal, 2017, 359, j4788.	2.4	92
53	High-Sensitivity Cardiac Troponin I and Clinical Risk Scores in Patients With Suspected Acute Coronary Syndrome. Circulation, 2018, 138, 1654-1665.	1.6	92
54	Nanoparticles and the cardiovascular system: a critical review. Nanomedicine, 2013, 8, 403-423.	1.7	91

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55	Implications of lowering threshold of plasma troponin concentration in diagnosis of myocardial infarction: cohort study. BMJ: British Medical Journal, 2012, 344, e1533-e1533.	2.4	90
56	A clinical risk score of myocardial fibrosis predicts adverse outcomes in aortic stenosis. European Heart Journal, 2016, 37, 713-723.	1.0	90
57	Monitoring indirect impact of COVID-19 pandemic on services for cardiovascular diseases in the UK. Heart, 2020, 106, 1890-1897.	1.2	90
58	Incidence, Microbiology, and Outcomes in Patients Hospitalized With Infective Endocarditis. Circulation, 2020, 141, 2067-2077.	1.6	90
59	Air Pollution and Atherothrombosis. Inhalation Toxicology, 2007, 19, 81-89.	0.8	87
60	Myocardial Injury in the Era of High-Sensitivity Cardiac Troponin Assays. JAMA Cardiology, 2019, 4, 1034.	3.0	84
61	Sex-Specific Thresholds of High-Sensitivity Troponin in Patients With Suspected Acute Coronary Syndrome. Journal of the American College of Cardiology, 2019, 74, 2032-2043.	1.2	84
62	Nanoparticles-A Thoracic Toxicology Perspective. Yonsei Medical Journal, 2007, 48, 561.	0.9	81
63	Presenting Symptoms in Men and Women Diagnosed With Myocardial Infarction Using Sexâ€Specific Criteria. Journal of the American Heart Association, 2019, 8, e012307.	1.6	81
64	High-Sensitivity Cardiac Troponin on Presentation to Rule Out Myocardial Infarction: A Stepped-Wedge Cluster Randomized Controlled Trial. Circulation, 2021, 143, 2214-2224.	1.6	80
65	High-Sensitivity Troponin and the Application of Risk Stratification Thresholds in Patients With Suspected Acute Coronary Syndrome. Circulation, 2019, 140, 1557-1568.	1.6	79
66	Global Adoption of High-Sensitivity Cardiac Troponins and the Universal Definition of Myocardial Infarction. Clinical Chemistry, 2019, 65, 484-489.	1.5	76
67	High-Sensitivity Cardiac Troponin and the Risk Stratification of Patients With Renal Impairment Presenting With Suspected Acute Coronary Syndrome. Circulation, 2018, 137, 425-435.	1.6	74
68	Rationale and design of the randomized, controlled Early Valve Replacement Guided by Biomarkers of Left Ventricular Decompensation in Asymptomatic Patients with Severe Aortic Stenosis (EVOLVED) trial. American Heart Journal, 2019, 212, 91-100.	1.2	74
69	High-Sensitivity Troponin I after Cardiac Surgery and 30-Day Mortality. New England Journal of Medicine, 2022, 386, 827-836.	13.9	69
70	Diesel exhaust inhalation does not affect heart rhythm or heart rate variability. Heart, 2011, 97, 544-550.	1.2	66
71	Surface Derivatization State of Polystyrene Latex Nanoparticles Determines both Their Potency and Their Mechanism of Causing Human Platelet Aggregation In Vitro. Toxicological Sciences, 2011, 119, 359-368.	1.4	63
72	Fire Simulation and Cardiovascular Health in Firefighters. Circulation, 2017, 135, 1284-1295.	1.6	62

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73	Altered Nitric Oxide Bioavailability Contributes to Diesel Exhaust Inhalationâ€Induced Cardiovascular Dysfunction in Man. Journal of the American Heart Association, 2013, 2, e004309.	1.6	59
74	Exposure to nitrogen dioxide is not associated with vascular dysfunction in man. Inhalation Toxicology, 2010, 22, 192-198.	0.8	55
75	Contemporary point of care cardiac troponin testing in suspected acute coronary syndrome. Heart, 2019, 105, 740-741.	1.2	53
76	Role of multidetector computed tomography in the diagnosis and management of patients attending the rapid access chest pain clinic, The Scottish computed tomography of the heart (SCOT-HEART) trial: study protocol for randomized controlled trial. Trials, 2012, 13, 184.	0.7	52
77	Contribution of Endothelin 1 to the Vascular Effects of Diesel Exhaust Inhalation in Humans. Hypertension, 2009, 54, 910-915.	1.3	51
78	Early diagnosis of acute coronary syndrome. European Heart Journal, 2017, 38, 3049-3055.	1.0	50
79	Cardiac Troponin I and Cardiovascular Risk in Patients With Chronic Obstructive PulmonaryÂDisease. Journal of the American College of Cardiology, 2018, 72, 1126-1137.	1.2	48
80	Sodium channel current loss of function in induced pluripotent stem cell-derived cardiomyocytes from a Brugada syndrome patient. Journal of Molecular and Cellular Cardiology, 2018, 114, 10-19.	0.9	47
81	Rapid Rule-Out of Acute Myocardial Injury Using a Single High-Sensitivity Cardiac Troponin I Measurement. Clinical Chemistry, 2017, 63, 369-376.	1.5	45
82	Performance of the GRACE 2.0 score in patients with type 1 and type 2 myocardial infarction. European Heart Journal, 2021, 42, 2552-2561.	1.0	45
83	Cardiovascular biomarkers in patients with COVID-19. European Heart Journal: Acute Cardiovascular Care, 2021, 10, 310-319.	0.4	44
84	Prevalence, Determinants, and Clinical Associations of High-Sensitivity Cardiac Troponin in Patients Attending Emergency Departments. American Journal of Medicine, 2019, 132, 110.e8-110.e21.	0.6	42
85	Short-Term Exposure to Ozone Does Not Impair Vascular Function or Affect Heart Rate Variability in Healthy Young Men. Toxicological Sciences, 2013, 135, 292-299.	1.4	41
86	High-Sensitivity Cardiac Troponin I and the Diagnosis of Coronary Artery Disease in Patients With Suspected Angina Pectoris. Circulation: Cardiovascular Quality and Outcomes, 2018, 11, e004227.	0.9	41
87	Cardiac Troponin Thresholds and Kinetics to Differentiate Myocardial Injury and Myocardial Infarction. Circulation, 2021, 144, 528-538.	1.6	39
88	Novel high-sensitivity cardiac troponin I assay in patients with suspected acute coronary syndrome. Heart, 2019, 105, heartjnl-2018-314093.	1.2	38
89	Circulating endothelial progenitor cells are not affected by acute systemic inflammation. American Journal of Physiology - Heart and Circulatory Physiology, 2010, 298, H2054-H2061.	1.5	37
90	Controlled Exposures to Air Pollutants and Risk of Cardiac Arrhythmia. Environmental Health Perspectives, 2014, 122, 747-753.	2.8	35

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91	A Proposal for Modest Revision of the Definition of Type 1 and Type 2 Myocardial Infarction. Circulation, 2019, 140, 1773-1775.	1.6	35
92	Early Rule-Out and Rule-In Strategies for Myocardial Infarction. Clinical Chemistry, 2017, 63, 129-139.	1.5	33
93	Risk factors for type 1 and type 2 myocardial infarction. European Heart Journal, 2022, 43, 127-135.	1.0	33
94	Coronary Artery and Cardiac Disease in Patients With Type 2 Myocardial Infarction: A Prospective Cohort Study. Circulation, 2022, 145, 1188-1200.	1.6	32
95	Endothelial progenitor cells, atheroma burden and clinical outcome in patients with coronary artery disease. Heart, 2013, 99, 791-798.	1.2	31
96	Diesel exhaust but not ozone increases fraction of exhaled nitric oxide in a randomized controlled experimental exposure study of healthy human subjects. Environmental Health, 2013, 12, 36.	1.7	30
97	Validation of European Society of Cardiology pre-test probabilities for obstructive coronary artery disease in suspected stable angina. European Heart Journal Quality of Care & Clinical Outcomes, 2020, 6, 293-300.	1.8	30
98	Sex Differences in Cardiac Troponin I and T and the Prediction of Cardiovascular Events in the General Population. Clinical Chemistry, 2021, 67, 1351-1360.	1.5	30
99	Myocardial inflammation, injury and infarction during on-pump coronary artery bypass graft surgery. Journal of Cardiothoracic Surgery, 2017, 12, 115.	0.4	29
100	Effect of wood smoke exposure on vascular function and thrombus formation in healthy fire fighters. Particle and Fibre Toxicology, 2014, 11, 62.	2.8	28
101	High-sensitivity cardiac troponin I and risk of heart failure in patients with suspected acute coronary syndrome: a cohort study. European Heart Journal Quality of Care & Clinical Outcomes, 2018, 4, 36-42.	1.8	28
102	Experimental Models of Brugada syndrome. International Journal of Molecular Sciences, 2019, 20, 2123.	1.8	28
103	Cardiac Biomarkers and the Diagnosis of Myocardial Infarction in Women. Current Cardiology Reports, 2017, 19, 40.	1.3	27
104	Should the 1h algorithm for rule in and rule out of acute myocardial infarction be used universally?Sometimes earlier may not be betterBackground, fundamental concepts, and scientific evidence of the high-sensitivity cardiac troponin 0h/1h-algorithm for early rule-out or rule-in of acute myocardial infarction. European Heart Journal, 2016, 37, 3316-3323.	1.0	26
105	Ticagrelor to Reduce Myocardial Injury inÂPatients With High-Risk Coronary Artery Plaque. JACC: Cardiovascular Imaging, 2020, 13, 1549-1560.	2.3	26
106	Effect of Exercise Intensity and Duration on Cardiac Troponin Release. Circulation, 2020, 141, 83-85.	1.6	26
107	High sensitivity cardiac troponin in patients with chest pain. BMJ, The, 2013, 347, f4222-f4222.	3.0	25
108	Point: The Use of Sex-Specific Cutpoints for High-Sensitivity Cardiac Troponin Assays. Clinical Chemistry, 2017, 63, 261-263.	1.5	23

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109	High-Sensitivity Cardiac Troponin Concentrations at Presentation in Patients With ST-Segment Elevation Myocardial Infarction. JAMA Cardiology, 2020, 5, 1302.	3.0	23
110	ESC Study Group on Cardiac Biomarkers of the Association for Acute CardioVascular Care: A fond farewell at the retirement of CKMB. European Heart Journal, 2021, 42, 2260-2264.	1.0	23
111	Determinants and prognostic value of echocardiographic first-phase ejection fraction in aortic stenosis. Heart, 2020, 106, 1236-1243.	1.2	22
112	Association of coronary artery calcium score with qualitatively and quantitatively assessed adverse plaque on coronary CT angiography in the SCOT-HEART trial. European Heart Journal Cardiovascular Imaging, 2022, 23, 1210-1221.	0.5	21
113	Troponin-Guided Coronary Computed Tomographic Angiography After Exclusion of Myocardial Infarction. Journal of the American College of Cardiology, 2021, 78, 1407-1417.	1.2	21
114	A single-particle characterization of a mobile Versatile Aerosol Concentration Enrichment System for exposure studies. Particle and Fibre Toxicology, 2006, 3, 8.	2.8	20
115	Cardiometabolic effects of a novel SIRT1 activator, SRT2104, in people with type 2 diabetes mellitus. Open Heart, 2017, 4, e000647.	0.9	19
116	Clinical endpoint adjudication. Lancet, The, 2020, 395, 1878-1882.	6.3	18
117	MINOCA: a heterogenous group of conditions associated with myocardial damage. Heart, 2021, 107, 1458-1464.	1.2	18
118	Clinical burden, risk factor impact and outcomes following myocardial infarction and stroke: A 25-year individual patient level linkage study. Lancet Regional Health - Europe, The, 2021, 7, 100141.	3.0	18
119	Validation of the myocardial-ischaemic-injury-index machine learning algorithm to guide the diagnosis of myocardial infarction in a heterogenous population: a prespecified exploratory analysis. The Lancet Digital Health, 2022, 4, e300-e308.	5.9	18
120	Optimizing the Use of High-Sensitivity Troponin Assays for the Early Rule-out of Myocardial Infarction in Patients Presenting with Chest Pain: A Systematic Review. Clinical Chemistry, 2021, 67, 237-244.	1.5	17
121	Fibrin clot structure remains unaffected in young, healthy individuals after transient exposure to diesel exhaust. Particle and Fibre Toxicology, 2010, 7, 17.	2.8	16
122	Air pollution and mortality in Europe. Lancet, The, 2014, 383, 758-760.	6.3	16
123	Risk Stratification Using High-Sensitivity Cardiac Troponin T in Patients With Suspected Acute Coronary Syndrome. Journal of the American College of Cardiology, 2020, 75, 985-987.	1.2	15
124	Optical coherence tomography versus intravascular ultrasound to evaluate stent implantation in patients with calcific coronary artery disease. Open Heart, 2015, 2, e000225.	0.9	14
125	High-sensitivity troponin and novel biomarkers for the early diagnosis of non-ST-segment elevation myocardial infarction in patients with atrial fibrillation. European Heart Journal: Acute Cardiovascular Care, 2016, 5, 419-427.	0.4	14
126	The Ambulance Cardiac Chest Pain Evaluation in Scotland Study (ACCESS): A Prospective Cohort Study. Annals of Emergency Medicine, 2021, 77, 575-588.	0.3	14

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127	EACVI survey on investigations and imaging modalities in chronic coronary syndromes. European Heart Journal Cardiovascular Imaging, 2021, 22, 1-7.	0.5	13
128	Rapid Cardiac Troponin Release After Transient Ischemia. Circulation, 2021, 143, 1105-1108.	1.6	13
129	Chest pain presentations to hospital during the COVID-19 lockdown: Lessons for public health media campaigns. PLoS ONE, 2021, 16, e0249389.	1.1	13
130	High-sensitivity cardiac troponin and the early rule out of myocardial infarction: time for action. Heart, 2020, 106, 955-957.	1.2	12
131	Acute cardiovascular effects of controlled exposure to dilute Petrodiesel and biodiesel exhaust in healthy volunteers: a crossover study. Particle and Fibre Toxicology, 2021, 18, 22.	2.8	12
132	Impaired vascular function and repair in patients with premature coronary artery disease. European Journal of Preventive Cardiology, 2015, 22, 1557-1566.	0.8	11
133	High-Sensitivity Troponin I Is Associated WithÂHigh-Risk Plaque and MACE in StableÂCoronary Artery Disease. JACC: Cardiovascular Imaging, 2017, 10, 1200-1203.	2.3	11
134	Convalescent troponin and cardiovascular death following acute coronary syndrome. Heart, 2019, 105, 1717-1724.	1.2	11
135	High-Sensitivity Cardiac Troponinâ€"Optimizing the Diagnosis of Acute Myocardial Infarction/Injury in Women (CODE-MI): Rationale and design for a multicenter, stepped-wedge, cluster-randomized trial. American Heart Journal, 2020, 229, 18-28.	1.2	11
136	Unrecognised myocardial infarction and its relationship to outcome in critically ill patients with cardiovascular disease. Intensive Care Medicine, 2018, 44, 2059-2069.	3.9	10
137	Cardiac Troponin to Guide the Use of Noninvasive Testing in Patients Ruled Out for Myocardial Infarction. Circulation, 2019, 139, 1655-1657.	1.6	10
138	Exploring Patient Experience of Chest Pain BeforeÂand After Implementation of an Early Rule-Out Pathway for Myocardial Infarction: AÂQualitative Study. Annals of Emergency Medicine, 2020, 75, 502-513.	0.3	10
139	Sex differences in investigations and outcomes among patients with type 2 myocardial infarction. Heart, 2021, 107, 1480-1486.	1.2	9
140	Use of High-Sensitivity Cardiac Troponin in Patients With Kidney Impairment. JAMA Internal Medicine, 2021, 181, 1237.	2.6	9
141	High-sensitivity cardiac troponin and the diagnosis of myocardial infarction in patients with kidney impairment. Kidney International, 2022, 102, 149-159.	2.6	9
142	Implementing an early rule-out pathway for acute myocardial infarction in clinical practice. Heart, 2021, 107, 1912-1919.	1.2	8
143	Differences in relative and absolute effectiveness of oral P2Y_{₁₂} inhibition in men and women: a meta-analysis and modelling study. Heart, 2018, 104, 657-664.	1.2	7
144	Diagnosis, Investigation and Management of Patients with Acute and Chronic Myocardial Injury. Journal of Clinical Medicine, 2021, 10, 2331.	1.0	7

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145	Mechanisms of Myocardial Injury in COVID-19. Clinical Chemistry, 2021, 67, 1044-1046.	1.5	7
146	Implementation of an early rule-out pathway for myocardial infarction using a high-sensitivity cardiac troponin T assay. Open Heart, 2021, 8, e001769.	0.9	7
147	Combustion-derived air pollution and cardiovascular disease. British Journal of Hospital Medicine (London, England: 2005), 2012, 73, 492-497.	0.2	6
148	Measurement of cardiac troponin for exclusion of myocardial infarction â€“ Authors' reply. Lancet, The, 2016, 387, 2289-2291.	6.3	6
149	High-sensitivity Cardiac Troponin Is Not Associated With Acute Cellular Rejection After Heart Transplantation. Transplantation, 2022, 106, 1024-1030.	0.5	6
150	OUP accepted manuscript. European Heart Journal: Acute Cardiovascular Care, 2021, 10, 963-965.	0.4	6
151	Hepatosteatosis and Atherosclerotic Plaque at Coronary CT Angiography. Radiology: Cardiothoracic Imaging, 2022, 4, e210260.	0.9	6
152	Assessment of Oxygen Supply-Demand Imbalance and Outcomes Among Patients With Type 2 Myocardial Infarction. JAMA Network Open, 2022, 5, e2220162.	2.8	6
153	Percutaneous coronary intervention causes a rapid but transient mobilisation of CD34+CD45â^'cells. Open Heart, 2014, 1, e000047.	0.9	5
154	Diagnosis of myocardial infarction: Cardiac troponin I or troponin T?. Clinical Biochemistry, 2014, 47, 319-320.	0.8	5
155	A single blood test to rule out acute coronary syndrome. Heart, 2018, 104, 632-633.	1.2	5
156	Generation of a Novel In Vitro Model to Study Endothelial Dysfunction from Atherothrombotic Specimens. Cardiovascular Drugs and Therapy, 2021, 35, 1281-1290.	1.3	5
157	Population Screening With Coronary Computed Tomography Angiography and the Prevention of Coronary Events. Circulation, 2021, 144, 930-933.	1.6	5
158	Infective Endocarditis Hospitalizations and Outcomes in Patients With Endâ€Stage Kidney Disease: A Nationwide Dataâ€Linkage Study. Journal of the American Heart Association, 2021, 10, e022002.	1.6	5
159	Reducing Exposure to Airborne Particles. American Journal of Respiratory and Critical Care Medicine, 2008, 177, 366-367.	2.5	4
160	Road Repairs. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 2266-2268.	1.1	4
161	Clinical determinants of plasma cardiac biomarkers in patients with stable chest pain. Heart, 2019, 105, 1748-1754.	1.2	4
162	Heart failure and healthcare informatics. PLoS Medicine, 2019, 16, e1002806.	3.9	4

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163	Response by Wereski et al to Letter Regarding Article, â€œHigh-Sensitivity Cardiac Troponin and the Universal Definition of Myocardial Infarctionâ€• Circulation, 2020, 141, e882-e883.	1.6	4
164	Cardiac biomarkers of prognostic importance in chronic obstructive pulmonary disease. Respiratory Research, 2020, 21, 162.	1.4	4
165	The origin and future of cardiac troponin testing. European Heart Journal: Acute Cardiovascular Care, 2022, 11, e1-e2.	0.4	4
166	High-sensitivity troponin assays and the early rule-out of acute myocardial infarction. Heart, 2013, 99, 1549-1550.	1.2	3
167	High-sensitivity troponin: a barometer for cardiac health. Cardiovascular Research, 2018, 114, e36-e38.	1.8	3
168	Cardiovascular biomarkers in COVID-19. European Heart Journal: Acute Cardiovascular Care, 2021, 10, 473-474.	0.4	3
169	The clinical approach to diagnosing peri-procedural myocardial infarction after percutaneous coronary interventions according to the fourth universal definition of myocardial infarction â€“ from the study group on biomarkers of the European Society of Cardiology (ESC) Association for Acute CardioVascular Care (ACVC). Biomarkers, 2022, 27, 407-417.	0.9	3
170	High-sensitivity cardiac troponin I assays in the diagnosis of acute myocardial infarction. Heart Asia, 2017, 9, 88-89.	1.1	2
171	Response to Letter Regarding Article, â€œLong-Term Outcomes in Patients With Type 2 Myocardial Infarction and Myocardial Injuryâ€• Circulation, 2018, 138, 1178-1179.	1.6	2
172	High-Sensitivity Troponin and the Selection of Patients for Cardiac Imaging in the Outpatient Clinic. Clinical Chemistry, 2018, 64, 1555-1557.	1.5	2
173	Early rule-out pathways for myocardial infarction: is observational data enough?. Heart, 2020, 106, 1545-1546.	1.2	2
174	The 2020 European Society of Cardiology non-ST-segment elevation acute coronary syndromes guideline: the good, the bad and the ugly. Heart, 2021, 107, 444-446.	1.2	2
175	Presentation cardiac troponin and early computed tomography coronary angiography in patients with suspected acute coronary syndrome: a pre-specified secondary analysis of the RAPID-CTCA trial. European Heart Journal: Acute Cardiovascular Care, 2022, 11, 570-579.	0.4	2
176	Periprocedural type IVa myocardial infarction and the importance of platelet inhibition. Heart, 2013, 99, 1225-1226.	1.2	1
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