

Anoop S V Shah

List of Publications by Year in descending order

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Version: 2024-02-01

241
papers

18,271
citations

15001

68
h-index

17891

125
g-index

264
all docs

264
docs citations

264
times ranked

24872
citing authors

#	ARTICLE	IF	CITATIONS
1	Global association of air pollution and heart failure: a systematic review and meta-analysis. <i>Lancet, The</i> , 2013, 382, 1039-1048.	6.3	929
2	Coronary CT Angiography and 5-Year Risk of Myocardial Infarction. <i>New England Journal of Medicine</i> , 2018, 379, 924-933.	13.9	898
3	¹⁸ F-fluoride positron emission tomography for identification of ruptured and high-risk coronary atherosclerotic plaques: a prospective clinical trial. <i>Lancet, The</i> , 2014, 383, 705-713.	6.3	804
4	Hypoxia induces heart regeneration in adult mice. <i>Nature</i> , 2017, 541, 222-227.	13.7	566
5	Short term exposure to air pollution and stroke: systematic review and meta-analysis. <i>BMJ, The</i> , 2015, 350, h1295.	3.0	558
6	Global Burden of Atherosclerotic Cardiovascular Disease in People Living With HIV. <i>Circulation</i> , 2018, 138, 1100-1112.	1.6	541
7	High-sensitivity cardiac troponin I at presentation in patients with suspected acute coronary syndrome: a cohort study. <i>Lancet, The</i> , 2015, 386, 2481-2488.	6.3	422
8	Physical, cognitive, and mental health impacts of COVID-19 after hospitalisation (PHOSP-COVID): a UK multicentre, prospective cohort study. <i>Lancet Respiratory Medicine</i> , 2021, 9, 1275-1287.	5.2	394
9	Coronary Artery Plaque Characteristics Associated With Adverse Outcomes in the SCOT-HEART Study. <i>Journal of the American College of Cardiology</i> , 2019, 73, 291-301.	1.2	367
10	Low-Attenuation Noncalcified Plaque on Coronary Computed Tomography Angiography Predicts Myocardial Infarction. <i>Circulation</i> , 2020, 141, 1452-1462.	1.6	348
11	High sensitivity cardiac troponin and the under-diagnosis of myocardial infarction in women: prospective cohort study. <i>BMJ, The</i> , 2015, 350, g7873.	3.0	338
12	Estimates of the global burden of cervical cancer associated with HIV. <i>The Lancet Global Health</i> , 2021, 9, e161-e169.	2.9	319
13	Drugs that inhibit TMEM16 proteins block SARS-CoV-2 spike-induced syncytia. <i>Nature</i> , 2021, 594, 88-93.	13.7	293
14	Use of Coronary Computed Tomographic Angiography to Guide Management of Patients With Coronary Disease. <i>Journal of the American College of Cardiology</i> , 2016, 67, 1759-1768.	1.2	274
15	Implementation of a Sensitive Troponin I Assay and Risk of Recurrent Myocardial Infarction and Death in Patients With Suspected Acute Coronary Syndrome. <i>JAMA - Journal of the American Medical Association</i> , 2011, 305, 1210.	3.8	270
16	High-sensitivity troponin in the evaluation of patients with suspected acute coronary syndrome: a stepped-wedge, cluster-randomised controlled trial. <i>Lancet, The</i> , 2018, 392, 919-928.	6.3	263
17	Cardiac monocytes and macrophages after myocardial infarction. <i>Cardiovascular Research</i> , 2020, 116, 1101-1112.	1.8	263
18	Risk of hospital admission with coronavirus disease 2019 in healthcare workers and their households: nationwide linkage cohort study. <i>BMJ, The</i> , 2020, 371, m3582.	3.0	261

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19	Long-Term Outcomes in Patients With Type 2 Myocardial Infarction and Myocardial Injury. <i>Circulation</i> , 2018, 137, 1236-1245.	1.6	250
20	Acute heart failure. <i>Nature Reviews Disease Primers</i> , 2020, 6, 16.	18.1	237
21	Adverse health effects associated with household air pollution: a systematic review, meta-analysis, and burden estimation study. <i>The Lancet Global Health</i> , 2020, 8, e1427-e1434.	2.9	234
22	Application of High-Sensitivity Troponin in Suspected Myocardial Infarction. <i>New England Journal of Medicine</i> , 2019, 380, 2529-2540.	13.9	230
23	Cardiac Troponin T and Troponin I in the General Population. <i>Circulation</i> , 2019, 139, 2754-2764.	1.6	200
24	High-Sensitivity Cardiac Troponin, Statin Therapy, and Risk of Coronary Heart Disease. <i>Journal of the American College of Cardiology</i> , 2016, 68, 2719-2728.	1.2	199
25	The continuous heart failure spectrum: moving beyond an ejection fraction classification. <i>European Heart Journal</i> , 2019, 40, 2155-2163.	1.0	195
26	High-sensitivity troponin I concentrations are a marker of an advanced hypertrophic response and adverse outcomes in patients with aortic stenosis. <i>European Heart Journal</i> , 2014, 35, 2312-2321.	1.0	193
27	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.	3.8	188
28	A clinical risk score to identify patients with COVID-19 at high risk of critical care admission or death: An observational cohort study. <i>Journal of Infection</i> , 2020, 81, 282-288.	1.7	179
29	Cardiac contractile impairment associated with increased phosphorylation of troponin I in endotoxemic rats. <i>FASEB Journal</i> , 2001, 15, 294-296.	0.2	168
30	Angiotensin-converting enzyme inhibitors and angiotensin II receptor blockers are not associated with severe COVID-19 infection in a multi-site UK acute hospital trust. <i>European Journal of Heart Failure</i> , 2020, 22, 967-974.	2.9	163
31	The impact of COVID-19 on heart failure hospitalization and management: report from a Heart Failure Unit in London during the peak of the pandemic. <i>European Journal of Heart Failure</i> , 2020, 22, 978-984.	2.9	156
32	Comparison of the Efficacy and Safety of Early Rule-Out Pathways for Acute Myocardial Infarction. <i>Circulation</i> , 2017, 135, 1586-1596.	1.6	153
33	Effect of Vaccination on Transmission of SARS-CoV-2. <i>New England Journal of Medicine</i> , 2021, 385, 1718-1720.	13.9	150
34	Single-cell transcriptome analyses reveal novel targets modulating cardiac neovascularization by resident endothelial cells following myocardial infarction. <i>European Heart Journal</i> , 2019, 40, 2507-2520.	1.0	149
35	Ultrasmall Superparamagnetic Particles of Iron Oxide in Patients With Acute Myocardial Infarction. <i>Circulation: Cardiovascular Imaging</i> , 2012, 5, 559-565.	1.3	148
36	Pkm2 Regulates Cardiomyocyte Cell Cycle and Promotes Cardiac Regeneration. <i>Circulation</i> , 2020, 141, 1249-1265.	1.6	147

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37	Air Pollution and Stroke. <i>Journal of Stroke</i> , 2018, 20, 2-11.	1.4	139
38	Sensitive Troponin Assay and the Classification of Myocardial Infarction. <i>American Journal of Medicine</i> , 2015, 128, 493-501.e3.	0.6	134
39	Mutual Regulation of Epicardial Adipose Tissue and Myocardial Redox State by PPAR- γ /Adiponectin Signalling. <i>Circulation Research</i> , 2016, 118, 842-855.	2.0	132
40	Machine Learning to Predict the Likelihood of Acute Myocardial Infarction. <i>Circulation</i> , 2019, 140, 899-909.	1.6	128
41	High-Sensitivity Cardiac Troponin and the Universal Definition of Myocardial Infarction. <i>Circulation</i> , 2020, 141, 161-171.	1.6	124
42	Aortic Wall Inflammation Predicts Abdominal Aortic Aneurysm Expansion, Rupture, and Need for Surgical Repair. <i>Circulation</i> , 2017, 136, 787-797.	1.6	122
43	^{18}F -Sodium Fluoride Uptake in Abdominal Aortic Aneurysms. <i>Journal of the American College of Cardiology</i> , 2018, 71, 513-523.	1.2	122
44	SARS-CoV-2 RNAemia and proteomic trajectories inform prognostication in COVID-19 patients admitted to intensive care. <i>Nature Communications</i> , 2021, 12, 3406.	5.8	122
45	Left Ventricular Hypertrophy With Strain and Aortic Stenosis. <i>Circulation</i> , 2014, 130, 1607-1616.	1.6	116
46	Drug treatment effects on outcomes in heart failure with preserved ejection fraction: a systematic review and meta-analysis. <i>Heart</i> , 2018, 104, 407-415.	1.2	107
47	Nitrate and nitrite contamination in drinking water and cancer risk: A systematic review with meta-analysis. <i>Environmental Research</i> , 2022, 210, 112988.	3.7	107
48	Effect of Iron Isomaltoside on Skeletal Muscle Energetics in Patients With Chronic Heart Failure and Iron Deficiency. <i>Circulation</i> , 2019, 139, 2386-2398.	1.6	106
49	Comparison between High-Sensitivity Cardiac Troponin T and Cardiac Troponin I in a Large General Population Cohort. <i>Clinical Chemistry</i> , 2018, 64, 1607-1616.	1.5	101
50	Guiding Therapy by Coronary CT Angiography Improves Outcomes in Patients With Stable Chest Pain. <i>Journal of the American College of Cardiology</i> , 2019, 74, 2058-2070.	1.2	99
51	Cardioprotective Effect of the Mitochondrial Unfolded Protein Response During Chronic Pressure Overload. <i>Journal of the American College of Cardiology</i> , 2019, 73, 1795-1806.	1.2	97
52	Excess deaths in people with cardiovascular diseases during the COVID-19 pandemic. <i>European Journal of Preventive Cardiology</i> , 2021, 28, 1599-1609.	0.8	93
53	Patient selection for high sensitivity cardiac troponin testing and diagnosis of myocardial infarction: prospective cohort study. <i>BMJ: British Medical Journal</i> , 2017, 359, j4788.	2.4	92
54	High-Sensitivity Cardiac Troponin I and Clinical Risk Scores in Patients With Suspected Acute Coronary Syndrome. <i>Circulation</i> , 2018, 138, 1654-1665.	1.6	92

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55	Nanoparticles and the cardiovascular system: a critical review. <i>Nanomedicine</i> , 2013, 8, 403-423.	1.7	91
56	A clinical risk score of myocardial fibrosis predicts adverse outcomes in aortic stenosis. <i>European Heart Journal</i> , 2016, 37, 713-723.	1.0	90
57	Monitoring indirect impact of COVID-19 pandemic on services for cardiovascular diseases in the UK. <i>Heart</i> , 2020, 106, 1890-1897.	1.2	90
58	Incidence, Microbiology, and Outcomes in Patients Hospitalized With Infective Endocarditis. <i>Circulation</i> , 2020, 141, 2067-2077.	1.6	90
59	Molecular imaging of cardiac remodelling after myocardial infarction. <i>Basic Research in Cardiology</i> , 2018, 113, 10.	2.5	88
60	Temporal trends in decompensated heart failure and outcomes during COVID-19: a multisite report from heart failure referral centres in London. <i>European Journal of Heart Failure</i> , 2020, 22, 2219-2224.	2.9	86
61	COVID-19 “exploring the implications of long-term condition type and extent of multimorbidity on years of life lost: a modelling study. <i>Wellcome Open Research</i> , 2020, 5, 75.	0.9	85
62	Sex-Specific Thresholds of High-Sensitivity Troponin in Patients With Suspected Acute Coronary Syndrome. <i>Journal of the American College of Cardiology</i> , 2019, 74, 2032-2043.	1.2	84
63	A Novel \pm -Calcitonin Gene-Related Peptide Analogue Protects Against End-Organ Damage in Experimental Hypertension, Cardiac Hypertrophy, and Heart Failure. <i>Circulation</i> , 2017, 136, 367-383.	1.6	83
64	Presenting Symptoms in Men and Women Diagnosed With Myocardial Infarction Using Sex-Specific Criteria. <i>Journal of the American Heart Association</i> , 2019, 8, e012307.	1.6	81
65	Evaluation and improvement of the National Early Warning Score (NEWS2) for COVID-19: a multi-hospital study. <i>BMC Medicine</i> , 2021, 19, 23.	2.3	80
66	High-Sensitivity Cardiac Troponin on Presentation to Rule Out Myocardial Infarction: A Stepped-Wedge Cluster Randomized Controlled Trial. <i>Circulation</i> , 2021, 143, 2214-2224.	1.6	80
67	Systematic review and meta-analysis of out-of-hospital cardiac arrest and race or ethnicity: black US populations fare worse. <i>European Journal of Preventive Cardiology</i> , 2014, 21, 619-638.	0.8	79
68	High-Sensitivity Troponin and the Application of Risk Stratification Thresholds in Patients With Suspected Acute Coronary Syndrome. <i>Circulation</i> , 2019, 140, 1557-1568.	1.6	79
69	Global Adoption of High-Sensitivity Cardiac Troponins and the Universal Definition of Myocardial Infarction. <i>Clinical Chemistry</i> , 2019, 65, 484-489.	1.5	76
70	High-Sensitivity Cardiac Troponin and the Risk Stratification of Patients With Renal Impairment Presenting With Suspected Acute Coronary Syndrome. <i>Circulation</i> , 2018, 137, 425-435.	1.6	74
71	A practical risk score for early prediction of neurological outcome after out-of-hospital cardiac arrest: MIRACLE2. <i>European Heart Journal</i> , 2020, 41, 4508-4517.	1.0	74
72	Systemic Atherosclerotic Inflammation Following Acute Myocardial Infarction: Myocardial Infarction Begets Myocardial Infarction. <i>Journal of the American Heart Association</i> , 2015, 4, e001956.	1.6	69

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73	Risk of Cardiovascular Disease Due to Chronic Hepatitis C Infection: A Review. <i>Journal of Clinical and Translational Hepatology</i> , 2017, 5, 1-20.	0.7	68
74	Global burden of atherosclerotic cardiovascular disease in people with hepatitis C virus infection: a systematic review, meta-analysis, and modelling study. <i>The Lancet Gastroenterology and Hepatology</i> , 2019, 4, 794-804.	3.7	68
75	Invasive versus non-invasive management of older patients with non-ST elevation myocardial infarction (SENIOR-NSTEMI): a cohort study based on routine clinical data. <i>Lancet, The</i> , 2020, 396, 623-634.	6.3	65
76	Fire Simulation and Cardiovascular Health in Firefighters. <i>Circulation</i> , 2017, 135, 1284-1295.	1.6	62
77	Iron derived from autophagy-mediated ferritin degradation induces cardiomyocyte death and heart failure in mice. <i>ELife</i> , 2021, 10, .	2.8	60
78	Blood Pressure—Lowering by the Antioxidant Resveratrol Is Counterintuitively Mediated by Oxidation of cGMP-Dependent Protein Kinase. <i>Circulation</i> , 2019, 140, 126-137.	1.6	57
79	Reduced First-Phase Ejection Fraction and Sustained Myocardial Wall Stress in Hypertensive Patients With Diastolic Dysfunction. <i>Hypertension</i> , 2017, 69, 633-640.	1.3	51
80	Association of cardiometabolic microRNAs with COVID-19 severity and mortality. <i>Cardiovascular Research</i> , 2022, 118, 461-474.	1.8	51
81	Distinct Regulatory Effects of Myeloid Cell and Endothelial Cell NADPH Oxidase 2 on Blood Pressure. <i>Circulation</i> , 2017, 135, 2163-2177.	1.6	49
82	A machine learning approach for the prediction of pulmonary hypertension. <i>PLoS ONE</i> , 2019, 14, e0224453.	1.1	49
83	Nox4 regulates InsP ₃ receptor-dependent Ca ²⁺ release into mitochondria to promote cell survival. <i>EMBO Journal</i> , 2020, 39, e103530.	3.5	49
84	A case-control and cohort study to determine the relationship between ethnic background and severe COVID-19. <i>EClinicalMedicine</i> , 2020, 28, 100574.	3.2	48
85	COVID-19 — exploring the implications of long-term condition type and extent of multimorbidity on years of life lost: a modelling study. <i>Wellcome Open Research</i> , 2020, 5, 75.	0.9	46
86	Nox2 in regulatory T cells promotes angiotensin II-induced cardiovascular remodeling. <i>Journal of Clinical Investigation</i> , 2018, 128, 3088-3101.	3.9	46
87	Pericoronary Adipose Tissue Attenuation, Low-Attenuation Plaque Burden, and 5-Year Risk of Myocardial Infarction. <i>JACC: Cardiovascular Imaging</i> , 2022, 15, 1078-1088.	2.3	46
88	Rapid Rule-Out of Acute Myocardial Injury Using a Single High-Sensitivity Cardiac Troponin I Measurement. <i>Clinical Chemistry</i> , 2017, 63, 369-376.	1.5	45
89	Association of troponin level and age with mortality in 250,000 patients: cohort study across five UK acute care centres. <i>BMJ, The</i> , 2019, 367, l6055.	3.0	45
90	Performance of the GRACE 2.0 score in patients with type 1 and type 2 myocardial infarction. <i>European Heart Journal</i> , 2021, 42, 2552-2561.	1.0	45

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91	Myocardial NADPH oxidase-4 regulates the physiological response to acute exercise. <i>ELife</i> , 2018, 7, .	2.8	44
92	Glycoproteomics Reveals Decorin Peptides With Anti-Myostatin Activity in Human Atrial Fibrillation. <i>Circulation</i> , 2016, 134, 817-832.	1.6	43
93	Coronary ¹⁸ F-Fluoride Uptake and Progression of Coronary Artery Calcification. <i>Circulation: Cardiovascular Imaging</i> , 2020, 13, e011438.	1.3	43
94	Incidence and outcomes of unstable angina compared with non-ST-elevation myocardial infarction. <i>Heart</i> , 2019, 105, 1423-1431.	1.2	42
95	Prevalence, Determinants, and Clinical Associations of High-Sensitivity Cardiac Troponin in Patients Attending Emergency Departments. <i>American Journal of Medicine</i> , 2019, 132, 110.e8-110.e21.	0.6	42
96	High-Sensitivity Cardiac Troponin I and the Diagnosis of Coronary Artery Disease in Patients With Suspected Angina Pectoris. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2018, 11, e004227.	0.9	41
97	Diagnostic and prognostic benefits of computed tomography coronary angiography using the 2016 National Institute for Health and Care Excellence guidance within a randomised trial. <i>Heart</i> , 2018, 104, 207-214.	1.2	41
98	Symptoms and quality of life in patients with suspected angina undergoing CT coronary angiography: a randomised controlled trial. <i>Heart</i> , 2017, 103, 995-1001.	1.2	40
99	Short-term exposure to carbon monoxide and myocardial infarction: A systematic review and meta-analysis. <i>Environment International</i> , 2020, 143, 105901.	4.8	39
100	CYBB/NOX2 in conventional DCs controls T cell encephalitogenicity during neuroinflammation. <i>Autophagy</i> , 2021, 17, 1244-1258.	4.3	39
101	Untangling the pathophysiologic link between coronary microvascular dysfunction and heart failure with preserved ejection fraction. <i>European Heart Journal</i> , 2021, 42, 4431-4441.	1.0	39
102	Redox Imaging Using Cardiac Myocyte-Specific Transgenic Biosensor Mice. <i>Circulation Research</i> , 2016, 119, 1004-1016.	2.0	38
103	Novel high-sensitivity cardiac troponin I assay in patients with suspected acute coronary syndrome. <i>Heart</i> , 2019, 105, heartjnl-2018-314093.	1.2	38
104	Enriched conditioning expands the regenerative ability of sensory neurons after spinal cord injury via neuronal intrinsic redox signaling. <i>Nature Communications</i> , 2020, 11, 6425.	5.8	37
105	Molecular Coronary Plaque Imaging Using ¹⁸ F-Fluoride. <i>Circulation: Cardiovascular Imaging</i> , 2019, 12, e008574.	1.3	36
106	Sharing a household with children and risk of COVID-19: a study of over 300 000 adults living in healthcare worker households in Scotland. <i>Archives of Disease in Childhood</i> , 2021, 106, 1212-1217.	1.0	36
107	Impact of the COVID-19 pandemic on in-hospital mortality in cardiovascular disease: a meta-analysis. <i>European Journal of Preventive Cardiology</i> , 2022, 29, 1266-1274.	0.8	36
108	Controlled Exposures to Air Pollutants and Risk of Cardiac Arrhythmia. <i>Environmental Health Perspectives</i> , 2014, 122, 747-753.	2.8	35

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109	FKBP8 protects the heart from hemodynamic stress by preventing the accumulation of misfolded proteins and endoplasmic reticulum-associated apoptosis in mice. <i>Journal of Molecular and Cellular Cardiology</i> , 2018, 114, 93-104.	0.9	35
110	Assessment of Myocardial Remodeling Using an Elastin/Tropoelastin Specific Agent with High Field Magnetic Resonance Imaging (MRI). <i>Journal of the American Heart Association</i> , 2015, 4, e001851.	1.6	34
111	Selective Enhancement of Insulin Sensitivity in the Endothelium In Vivo Reveals a Novel Proatherosclerotic Signaling Loop. <i>Circulation Research</i> , 2017, 120, 784-798.	2.0	33
112	Beyond bacterial killing: NADPH oxidase 2 is an immunomodulator. <i>Immunology Letters</i> , 2020, 221, 39-48.	1.1	32
113	Blood Pressure in Healthy Humans Is Regulated by Neuronal NO Synthase. <i>Hypertension</i> , 2017, 69, 970-976.	1.3	31
114	Standardized reporting systems for computed tomography coronary angiography and calcium scoring: A real-world validation of CAD-RADS and CAC-DRS in patients with stable chest pain. <i>Journal of Cardiovascular Computed Tomography</i> , 2020, 14, 3-11.	0.7	31
115	Celastrol Alleviates Aortic Valve Calcification Via Inhibition of NADPH Oxidase 2 in Valvular Interstitial Cells. <i>JACC Basic To Translational Science</i> , 2020, 5, 35-49.	1.9	31
116	Simultaneous Assessment of Cardiac Inflammation and Extracellular Matrix Remodeling After Myocardial Infarction. <i>Circulation: Cardiovascular Imaging</i> , 2018, 11, .	1.3	30
117	Sex Differences in Cardiac Troponin I and T and the Prediction of Cardiovascular Events in the General Population. <i>Clinical Chemistry</i> , 2021, 67, 1351-1360.	1.5	30
118	Myocardial inflammation, injury and infarction during on-pump coronary artery bypass graft surgery. <i>Journal of Cardiothoracic Surgery</i> , 2017, 12, 115.	0.4	29
119	Effect of wood smoke exposure on vascular function and thrombus formation in healthy fire fighters. <i>Particle and Fibre Toxicology</i> , 2014, 11, 62.	2.8	28
120	High-sensitivity cardiac troponin I and risk of heart failure in patients with suspected acute coronary syndrome: a cohort study. <i>European Heart Journal Quality of Care & Clinical Outcomes</i> , 2018, 4, 36-42.	1.8	28
121	High-Sensitivity Cardiac Troponin I Levels in Normal and Hypertensive Pregnancy. <i>American Journal of Medicine</i> , 2019, 132, 362-366.	0.6	28
122	Sex associations and computed tomography coronary angiography-guided management in patients with stable chest pain. <i>European Heart Journal</i> , 2020, 41, 1337-1345.	1.0	28
123	Sex-Specific Computed Tomography Coronary Plaque Characterization and Risk of Myocardial Infarction. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 1804-1814.	2.3	28
124	Prelamin A mediates myocardial inflammation in dilated and HIV-associated cardiomyopathies. <i>JCI Insight</i> , 2019, 4, .	2.3	28
125	Cardiac Biomarkers and the Diagnosis of Myocardial Infarction in Women. <i>Current Cardiology Reports</i> , 2017, 19, 40.	1.3	27
126	Ticagrelor to Reduce Myocardial Injury in Patients With High-Risk Coronary Artery Plaque. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 1549-1560.	2.3	26

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127	Effect of Exercise Intensity and Duration on Cardiac Troponin Release. <i>Circulation</i> , 2020, 141, 83-85.	1.6	26
128	Cytokine mRNA Degradation in Cardiomyocytes Restrains Sterile Inflammation in Pressure-Overloaded Hearts. <i>Circulation</i> , 2020, 141, 667-677.	1.6	26
129	High sensitivity cardiac troponin in patients with chest pain. <i>BMJ</i> , The, 2013, 347, f4222-f4222.	3.0	25
130	Divergent Biological Actions of Coronary Endothelial Nitric Oxide During Progression of Cardiac Hypertrophy. <i>Hypertension</i> , 2001, 38, 267-273.	1.3	24
131	Fibroblast Nox2 (NADPH Oxidase-2) Regulates ANG II (Angiotensin II)-Induced Vascular Remodeling and Hypertension via Paracrine Signaling to Vascular Smooth Muscle Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 698-710.	1.1	24
132	NADPH oxidase-4 promotes eccentric cardiac hypertrophy in response to volume overload. <i>Cardiovascular Research</i> , 2021, 117, 178-187.	1.8	24
133	Pulmonary Haemodynamics in Sickle Cell Disease Are Driven Predominantly by a High-Output State Rather Than Elevated Pulmonary Vascular Resistance: A Prospective 3-Dimensional Echocardiography/Doppler Study. <i>PLoS ONE</i> , 2015, 10, e0135472.	1.1	24
134	Adverse prognosis associated with asymmetric myocardial thickening in aortic stenosis. <i>European Heart Journal Cardiovascular Imaging</i> , 2018, 19, 347-356.	0.5	23
135	In vivo [¹³ C]glucose labeling to assess heart metabolism in murine models of pressure and volume overload. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020, 319, H422-H431.	1.5	22
136	Pre-existing cardiovascular disease rather than cardiovascular risk factors drives mortality in COVID-19. <i>BMC Cardiovascular Disorders</i> , 2021, 21, 327.	0.7	22
137	Association of coronary artery calcium score with qualitatively and quantitatively assessed adverse plaque on coronary CT angiography in the SCOT-HEART trial. <i>European Heart Journal Cardiovascular Imaging</i> , 2022, 23, 1210-1221.	0.5	21
138	NADPH oxidase 4 and its role in the cardiovascular system. <i>Vascular Biology (Bristol, England)</i> , 2019, 1, H59-H66.	1.2	21
139	Mortality risk prediction of high-sensitivity C-reactive protein in suspected acute coronary syndrome: A cohort study. <i>PLoS Medicine</i> , 2022, 19, e1003911.	3.9	21
140	MIRACLE2 Score and SCAI Grade to Identify Patients With Out-of-Hospital Cardiac Arrest for Immediate Coronary Angiography. <i>JACC: Cardiovascular Interventions</i> , 2022, 15, 1074-1084.	1.1	21
141	Klotho regulation by albuminuria is dependent on ATF3 and endoplasmic reticulum stress. <i>FASEB Journal</i> , 2020, 34, 2087-2104.	0.2	19
142	Prevalence and clinical implications of valvular calcification on coronary computed tomography angiography. <i>European Heart Journal Cardiovascular Imaging</i> , 2021, 22, 262-270.	0.5	19
143	Inflammatory and cardiovascular diseases biomarkers in chronic hepatitis C virus infection: A review. <i>Clinical Cardiology</i> , 2020, 43, 222-234.	0.7	18
144	Inducibility, but not stability, of atrial fibrillation is increased by NOX2 overexpression in mice. <i>Cardiovascular Research</i> , 2021, 117, 2354-2364.	1.8	18

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145	Clinical burden, risk factor impact and outcomes following myocardial infarction and stroke: A 25-year individual patient level linkage study. <i>Lancet Regional Health - Europe</i> , 2021, 7, 100141.	3.0	18
146	Validation of the myocardial-ischæmic-injury-index machine learning algorithm to guide the diagnosis of myocardial infarction in a heterogenous population: a prespecified exploratory analysis. <i>The Lancet Digital Health</i> , 2022, 4, e300-e308.	5.9	18
147	Prognostic significance of troponin level in 3121 patients presenting with atrial fibrillation (The NIHR) Tj ETQq1 1 0.784314 rgBT /Over e013684.	1.6	16
148	A roadmap for the characterization of energy metabolism in human cardiomyocytes derived from induced pluripotent stem cells. <i>Journal of Molecular and Cellular Cardiology</i> , 2022, 164, 136-147.	0.9	16
149	Temporal Relationship between Cardiac Myosin-Binding Protein C and Cardiac Troponin I in Type 1 Myocardial Infarction. <i>Clinical Chemistry</i> , 2016, 62, 1153-1155.	1.5	15
150	Cardiac myosin-binding protein C is a novel marker of myocardial injury and fibrosis in aortic stenosis. <i>Heart</i> , 2018, 104, 1101-1108.	1.2	15
151	Ex vivo 18F-fluoride uptake and hydroxyapatite deposition in human coronary atherosclerosis. <i>Scientific Reports</i> , 2020, 10, 20172.	1.6	15
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