

Anoop S V Shah

List of Publications by Citations

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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.

216
papers

10,005
citations

53
h-index

95
g-index

264
ext. papers

14,666
ext. citations

9.8
avg, IF

6.33
L-index

#	Paper	IF	Citations
216	Global association of air pollution and heart failure: a systematic review and meta-analysis. <i>Lancet, The</i> , 2013 , 382, 1039-48	40	687
215	18F-fluoride positron emission tomography for identification of ruptured and high-risk coronary atherosclerotic plaques: a prospective clinical trial. <i>Lancet, The</i> , 2014 , 383, 705-13	40	581
214	Coronary CT Angiography and 5-Year Risk of Myocardial Infarction. <i>New England Journal of Medicine</i> , 2018 , 379, 924-933	59.2	471
213	Short term exposure to air pollution and stroke: systematic review and meta-analysis. <i>BMJ, The</i> , 2015 , 350, h1295	5.9	391
212	Hypoxia induces heart regeneration in adult mice. <i>Nature</i> , 2017 , 541, 222-227	50.4	378
211	High-sensitivity cardiac troponin I at presentation in patients with suspected acute coronary syndrome: a cohort study. <i>Lancet, The</i> , 2015 , 386, 2481-8	40	293
210	High sensitivity cardiac troponin and the under-diagnosis of myocardial infarction in women: prospective cohort study. <i>BMJ, The</i> , 2015 , 350, g7873	5.9	256
209	Global Burden of Atherosclerotic Cardiovascular Disease in People Living With HIV: Systematic Review and Meta-Analysis. <i>Circulation</i> , 2018 , 138, 1100-1112	16.7	248
208	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, 1210-6	27.4	201
207	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	15.1	198
206	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	15.1	175
205	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	5.9	153
204	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, 2312-21	9.5	147
203	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	40	144
202	Long-Term Outcomes in Patients With Type 2 Myocardial Infarction and Myocardial Injury. <i>Circulation</i> , 2018 , 137, 1236-1245	16.7	144
201	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	15.1	135
200	Application of High-Sensitivity Troponin in Suspected Myocardial Infarction. <i>New England Journal of Medicine</i> , 2019 , 380, 2529-2540	59.2	134

199	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	12.3	127
198	Ultrasound superparamagnetic particles of iron oxide in patients with acute myocardial infarction: early clinical experience. <i>Circulation: Cardiovascular Imaging</i> , 2012 , 5, 559-65	3.9	127
197	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
196	Cardiac contractile impairment associated with increased phosphorylation of troponin I in endotoxemic rats. <i>FASEB Journal</i> , 2001 , 15, 294-6	0.9	117
195	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	18.9	115
194	The continuous heart failure spectrum: moving beyond an ejection fraction classification. <i>European Heart Journal</i> , 2019 , 40, 2155-2163	9.5	107
193	Low-Attenuation Noncalcified Plaque on Coronary Computed Tomography Angiography Predicts Myocardial Infarction: Results From the Multicenter SCOT-HEART Trial (Scottish Computed Tomography of the HEART). <i>Circulation</i> , 2020 , 141, 1452-1462	16.7	105
192	Drugs that inhibit TMEM16 proteins block SARS-CoV-2 spike-induced syncytia. <i>Nature</i> , 2021 , 594, 88-93	50.4	103
191	Sensitive troponin assay and the classification of myocardial infarction. <i>American Journal of Medicine</i> , 2015 , 128, 493-501.e3	2.4	102
190	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
189	Mutual Regulation of Epicardial Adipose Tissue and Myocardial Redox State by PPAR- γ /Adiponectin Signalling. <i>Circulation Research</i> , 2016 , 118, 842-55	15.7	92
188	Cardiac monocytes and macrophages after myocardial infarction. <i>Cardiovascular Research</i> , 2020 , 116, 1101-1112	9.9	91
187	Cardiac Troponin T and Troponin I in the General Population. <i>Circulation</i> , 2019 , 139, 2754-2764	16.7	90
186	Left ventricular hypertrophy with strain and aortic stenosis. <i>Circulation</i> , 2014 , 130, 1607-16	16.7	89
185	Aortic Wall Inflammation Predicts Abdominal Aortic Aneurysm Expansion, Rupture, and Need for Surgical Repair. <i>Circulation</i> , 2017 , 136, 787-797	16.7	85
184	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	12.3	84
183	Air Pollution and Stroke. <i>Journal of Stroke</i> , 2018 , 20, 2-11	5.6	82
182	Estimates of the global burden of cervical cancer associated with HIV. <i>The Lancet Global Health</i> , 2021 , 9, e161-e169	13.6	82

181	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	13.6	80
180	F-Sodium Fluoride Uptake in Abdominal Aortic Aneurysms: The SoFIA Study. <i>Journal of the American College of Cardiology</i> , 2018 , 71, 513-523	15.1	79
179	Nanoparticles and the cardiovascular system: a critical review. <i>Nanomedicine</i> , 2013 , 8, 403-23	5.6	76
178	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	5.1	75
177	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	9.5	71
176	Acute heart failure. <i>Nature Reviews Disease Primers</i> , 2020 , 6, 16	51.1	70
175	A clinical risk score of myocardial fibrosis predicts adverse outcomes in aortic stenosis. <i>European Heart Journal</i> , 2016 , 37, 713-23	9.5	69
174	A Novel 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	16.7	63
173	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	5.5	61
172	High-Sensitivity Cardiac Troponin and the Universal Definition of Myocardial Infarction. <i>Circulation</i> , 2020 , 141, 161-171	16.7	61
171	Patient selection for high sensitivity cardiac troponin testing and diagnosis of myocardial infarction: prospective cohort study. <i>BMJ, The</i> , 2017 , 359, j4788	5.9	60
170	Systemic Atherosclerotic Inflammation Following Acute Myocardial Infarction: Myocardial Infarction Begets Myocardial Infarction. <i>Journal of the American Heart Association</i> , 2015 , 4, e001956	6	58
169	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	4.8	58
168	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	35.1	58
167	Effect of Iron Isomaltoside on Skeletal Muscle Energetics in Patients With Chronic Heart Failure and Iron Deficiency. <i>Circulation</i> , 2019 , 139, 2386-2398	16.7	58
166	Molecular imaging of cardiac remodelling after myocardial infarction. <i>Basic Research in Cardiology</i> , 2018 , 113, 10	11.8	55
165	High-Sensitivity Cardiac Troponin I and Clinical Risk Scores in Patients With Suspected Acute Coronary Syndrome. <i>Circulation</i> , 2018 , 138, 1654-1665	16.7	55
164	Effect of Vaccination on Transmission of SARS-CoV-2. <i>New England Journal of Medicine</i> , 2021 , 385, 1718-1720	37.20	54

163	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	15.1	52
162	Pkm2 Regulates Cardiomyocyte Cell Cycle and Promotes Cardiac Regeneration. <i>Circulation</i> , 2020 , 141, 1249-1265	16.7	52
161	Machine Learning to Predict the Likelihood of Acute Myocardial Infarction. <i>Circulation</i> , 2019 ,	16.7	52
160	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	15.1	48
159	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, 619-38	3.9	48
158	High-Sensitivity Troponin and the Application of Risk Stratification Thresholds in Patients With Suspected Acute Coronary Syndrome. <i>Circulation</i> , 2019 , 140, 1557-1568	16.7	46
157	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	12.3	46
156	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	16.7	45
155	Risk of Cardiovascular Disease Due to Chronic Hepatitis C Infection: A Review. <i>Journal of Clinical and Translational Hepatology</i> , 2017 , 5, 343-362	5.2	44
154	SARS-CoV-2 RNAemia and proteomic trajectories inform prognostication in COVID-19 patients admitted to intensive care. <i>Nature Communications</i> , 2021 , 12, 3406	17.4	41
153	Global Adoption of High-Sensitivity Cardiac Troponins and the Universal Definition of Myocardial Infarction. <i>Clinical Chemistry</i> , 2019 , 65, 484-489	5.5	38
152	Fire Simulation and Cardiovascular Health in Firefighters. <i>Circulation</i> , 2017 , 135, 1284-1295	16.7	37
151	Blood Pressure-Lowering by the Antioxidant Resveratrol Is Counterintuitively Mediated by Oxidation of cGMP-Dependent Protein Kinase. <i>Circulation</i> , 2019 , 140, 126-137	16.7	36
150	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	6	36
149	Distinct Regulatory Effects of Myeloid Cell and Endothelial Cell NAPDH Oxidase 2 on Blood Pressure. <i>Circulation</i> , 2017 , 135, 2163-2177	16.7	35
148	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	18.8	35
147	Rapid Rule-Out of Acute Myocardial Injury Using a Single High-Sensitivity Cardiac Troponin I Measurement. <i>Clinical Chemistry</i> , 2017 , 63, 369-376	5.5	34
146	Glycoproteomics Reveals Decorin Peptides With Anti-Myostatin Activity in Human Atrial Fibrillation. <i>Circulation</i> , 2016 , 134, 817-32	16.7	34

145	Monitoring indirect impact of COVID-19 pandemic on services for cardiovascular diseases in the UK. <i>Heart</i> , 2020 , 106, 1890-1897	5.1	33
144	Redox Imaging Using Cardiac Myocyte-Specific Transgenic Biosensor Mice. <i>Circulation Research</i> , 2016 , 119, 1004-1016	15.7	32
143	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	5.1	31
142	Incidence, Microbiology, and Outcomes in Patients Hospitalized With Infective Endocarditis. <i>Circulation</i> , 2020 , 141, 2067-2077	16.7	31
141	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	15.1	31
140	Evaluation and improvement of the National Early Warning Score (NEWS2) for COVID-19: a multi-hospital study. <i>BMC Medicine</i> , 2021 , 19, 23	11.4	31
139	Reduced First-Phase Ejection Fraction and Sustained Myocardial Wall Stress in Hypertensive Patients With Diastolic Dysfunction: A Manifestation of Impaired Shortening Deactivation That Links Systolic to Diastolic Dysfunction and Preserves Systolic Ejection Fraction. <i>Hypertension</i> , 2017 , 69, 633-640	8.5	30
138	Nox4 regulates InsP receptor-dependent Ca release into mitochondria to promote cell survival. <i>EMBO Journal</i> , 2020 , 39, e103530	13	29
137	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	6	28
136	Excess deaths in people with cardiovascular diseases during the COVID-19 pandemic. <i>European Journal of Preventive Cardiology</i> , 2021 ,	3.9	28
135	Myocardial NADPH oxidase-4 regulates the physiological response to acute exercise. <i>ELife</i> , 2018 , 7,	8.9	27
134	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	10	27
133	A case-control and cohort study to determine the relationship between ethnic background and severe COVID-19. <i>EClinicalMedicine</i> , 2020 , 28, 100574	11.3	26
132	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	5.1	26
131	Controlled exposures to air pollutants and risk of cardiac arrhythmia. <i>Environmental Health Perspectives</i> , 2014 , 122, 747-53	8.4	26
130	Selective Enhancement of Insulin Sensitivity in the Endothelium In Vivo Reveals a Novel Proatherosclerotic Signaling Loop. <i>Circulation Research</i> , 2017 , 120, 784-798	15.7	25
129	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	5.8	25
128	Nox2 in regulatory T cells promotes angiotensin II-induced cardiovascular remodeling. <i>Journal of Clinical Investigation</i> , 2018 , 128, 3088-3101	15.9	25

127	Molecular Coronary Plaque Imaging Using F-Fluoride. <i>Circulation: Cardiovascular Imaging</i> , 2019 , 12, e008574	4.8	24
126	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	4.8	24
125	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	2.4	24
124	Simultaneous Assessment of Cardiac Inflammation and Extracellular Matrix Remodeling after Myocardial Infarction. <i>Circulation: Cardiovascular Imaging</i> , 2018 , 11,	3.9	24
123	Effect of wood smoke exposure on vascular function and thrombus formation in healthy fire fighters. <i>Particle and Fibre Toxicology</i> , 2014 , 11, 62	8.4	23
122	Blood Pressure in Healthy Humans Is Regulated by Neuronal NO Synthase. <i>Hypertension</i> , 2017 , 69, 970-986	9.6	22
121	Cardiac Biomarkers and the Diagnosis of Myocardial Infarction in Women. <i>Current Cardiology Reports</i> , 2017 , 19, 40	4.2	22
120	High sensitivity cardiac troponin in patients with chest pain. <i>BMJ, The</i> , 2013 , 347, f4222	5.9	22
119	Divergent biological actions of coronary endothelial nitric oxide during progression of cardiac hypertrophy. <i>Hypertension</i> , 2001 , 38, 267-73	8.5	22
118	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	5.8	22
117	Myocardial inflammation, injury and infarction during on-pump coronary artery bypass graft surgery. <i>Journal of Cardiothoracic Surgery</i> , 2017 , 12, 115	1.6	21
116	Effect of vaccination on transmission of COVID-19: an observational study in healthcare workers and their households		21
115	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	5.9	21
114	Incidence and outcomes of unstable angina compared with non-ST-elevation myocardial infarction. <i>Heart</i> , 2019 , 105, 1423-1431	5.1	20
113	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	4.6	20
112	Short-term exposure to carbon monoxide and myocardial infarction: A systematic review and meta-analysis. <i>Environment International</i> , 2020 , 143, 105901	12.9	19
111	Iron derived from autophagy-mediated ferritin degradation induces cardiomyocyte death and heart failure in mice. <i>ELife</i> , 2021 , 10,	8.9	19
110	Novel high-sensitivity cardiac troponin I assay in patients with suspected acute coronary syndrome. <i>Heart</i> , 2019 , 105, 616-622	5.1	19

109	Cytokine mRNA Degradation in Cardiomyocytes Restrains Sterile Inflammation in Pressure-Overloaded Hearts. <i>Circulation</i> , 2020 , 141, 667-677	16.7	18
108	A machine learning approach for the prediction of pulmonary hypertension. <i>PLoS ONE</i> , 2019 , 14, e0224453	3.7	18
107	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	3.7	18
106	Ticagrelor to Reduce Myocardial Injury in Patients With High-Risk Coronary Artery Plaque. <i>JACC: Cardiovascular Imaging</i> , 2020 , 13, 1549-1560	8.4	18
105	CYBB/NOX2 in conventional DCs controls T cell encephalitogenicity during neuroinflammation. <i>Autophagy</i> , 2021 , 17, 1244-1258	10.2	17
104	Adverse prognosis associated with asymmetric myocardial thickening in aortic stenosis. <i>European Heart Journal Cardiovascular Imaging</i> , 2018 , 19, 347-356	4.1	16
103	Prelamin A mediates myocardial inflammation in dilated and HIV-associated cardiomyopathies. <i>JCI Insight</i> , 2019 , 4,	9.9	16
102	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	9.5	15
101	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	9.5	15
100	NADPH oxidase-4 promotes eccentric cardiac hypertrophy in response to volume overload. <i>Cardiovascular Research</i> , 2021 , 117, 178-187	9.9	15
99	Effect of Exercise Intensity and Duration on Cardiac Troponin Release. <i>Circulation</i> , 2020 , 141, 83-85	16.7	14
98	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	16.7	14
97	High-sensitivity troponin and novel biomarkers for the early diagnosis of non-ST-segment elevation myocardial infarction in patients with atrial fibrillation. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2016 , 5, 419-427	4.3	13
96	Beyond bacterial killing: NADPH oxidase 2 is an immunomodulator. <i>Immunology Letters</i> , 2020 , 221, 39-48	4.1	13
95	Sex associations and computed tomography coronary angiography-guided management in patients with stable chest pain. <i>European Heart Journal</i> , 2020 , 41, 1337-1345	9.5	13
94	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	2.8	13
93	Coronary F-Fluoride Uptake and Progression of Coronary Artery Calcification. <i>Circulation: Cardiovascular Imaging</i> , 2020 , 13, e011438	3.9	12
92	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	8.7	12

91	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	2.2	12
90	High-Sensitivity Cardiac Troponin I Levels in Normal and Hypertensive Pregnancy. <i>American Journal of Medicine</i> , 2019 , 132, 362-366	2.4	12
89	Temporal Relationship between Cardiac Myosin-Binding Protein C and Cardiac Troponin I in Type 1 Myocardial Infarction. <i>Clinical Chemistry</i> , 2016 , 62, 1153-5	5.5	11
88	Paracrine Mechanisms of Redox Signalling for Postmitotic Cell and Tissue Regeneration. <i>Trends in Cell Biology</i> , 2019 , 29, 514-530	18.3	11
87	Left Ventricular Thrombus After Primary PCI for ST-Elevation Myocardial Infarction: 1-Year Clinical Outcomes. <i>American Journal of Medicine</i> , 2019 , 132, 964-969	2.4	10
86	Exploring Patient Experience of Chest Pain Before and After Implementation of an Early Rule-Out Pathway for Myocardial Infarction: A Qualitative Study. <i>Annals of Emergency Medicine</i> , 2020 , 75, 502-513 ^{2.1}	2.1	10
85	Cardiac myosin-binding protein C is a novel marker of myocardial injury and fibrosis in aortic stenosis. <i>Heart</i> , 2018 , 104, 1101-1108	5.1	10
84	High-Sensitivity Troponin I Is Associated With High-Risk Plaque and MACE in Stable Coronary Artery Disease. <i>JACC: Cardiovascular Imaging</i> , 2017 , 10, 1200-1203	8.4	9
83	Klotho regulation by albuminuria is dependent on ATF3 and endoplasmic reticulum stress. <i>FASEB Journal</i> , 2020 , 34, 2087-2104	0.9	9
82	Inflammatory and cardiovascular diseases biomarkers in chronic hepatitis C virus infection: A review. <i>Clinical Cardiology</i> , 2020 , 43, 222-234	3.3	9
81	Oxidation of PKG1 β mediates an endogenous adaptation to pulmonary hypertension. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 13016-13025	11.5	8
80	Prognostic significance of troponin level in 3121 patients presenting with atrial fibrillation (The NIH Health Informatics Collaborative TROP-AF study). <i>Journal of the American Heart Association</i> , 2020 , 9, e013684	6	8
79	In vivo [U-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	5.2	8
78	Nitrate and nitrite contamination in drinking water and cancer risk: A systematic review with meta-analysis. <i>Environmental Research</i> , 2022 , 210, 112988	7.9	8
77	Appropriate Use of High-Sensitivity Cardiac Troponin Levels in Patients With Suspected Acute Myocardial Infarction. <i>JAMA Cardiology</i> , 2017 , 2, 228	16.2	7
76	Risk Stratification Using High-Sensitivity Cardiac Troponin T in Patients With Suspected Acute Coronary Syndrome. <i>Journal of the American College of Cardiology</i> , 2020 , 75, 985-987	15.1	7
75	Coronary angiitis and cardiac arrest in antineutrophil cytoplasmic-antibody associated systemic vasculitis. <i>Circulation</i> , 2011 , 123, e230-1	16.7	7
74	Cardiovascular disease, heart failure and COVID-19. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2020 , 21, 1470320320926903	3	7

73	Sharing a household with children and risk of COVID-19: a study of over 300,000 adults living in healthcare worker households in Scotland		7
72	Convalescent troponin and cardiovascular death following acute coronary syndrome. <i>Heart</i> , 2019 , 105, 1717-1724	5.1	7
71	Untangling the pathophysiologic link between coronary microvascular dysfunction and heart failure with preserved ejection fraction. <i>European Heart Journal</i> , 2021 , 42, 4431-4441	9.5	7
70	Sex-Specific Computed Tomography Coronary Plaque Characterization and Risk of Myocardial Infarction. <i>JACC: Cardiovascular Imaging</i> , 2021 , 14, 1804-1814	8.4	7
69	Impaired vascular function and repair in patients with premature coronary artery disease. <i>European Journal of Preventive Cardiology</i> , 2015 , 22, 1557-66	3.9	6
68	Association of cardiometabolic microRNAs with COVID-19 severity and mortality. <i>Cardiovascular Research</i> , 2021 ,	9.9	6
67	Prevalence and clinical implications of valvular calcification on coronary computed tomography angiography. <i>European Heart Journal Cardiovascular Imaging</i> , 2021 , 22, 262-270	4.1	6
66	Endothelial NADPH oxidase 4 protects against angiotensin II-induced cardiac fibrosis and inflammation. <i>ESC Heart Failure</i> , 2021 , 8, 1427-1437	3.7	6
65	The Ambulance Cardiac Chest Pain Evaluation in Scotland Study (ACCESS): A Prospective Cohort Study. <i>Annals of Emergency Medicine</i> , 2021 , 77, 575-588	2.1	5
64	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	9.4	5
63	Impact of the COVID-19 pandemic on in-hospital mortality in cardiovascular disease: a meta-analysis. <i>European Journal of Preventive Cardiology</i> , 2021 ,	3.9	5
62	Systemic inflammation and oxidative stress contribute to acute kidney injury after transcatheter aortic valve implantation. <i>Cardiology Journal</i> , 2020 ,	1.4	4
61	A histone deacetylase 7-derived peptide promotes vascular regeneration via facilitating 14-3-3 σ phosphorylation. <i>Stem Cells</i> , 2020 , 38, 556-573	5.8	4
60	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	17.4	4
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