

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 | The regulation of cardiac intermediary metabolism by NADPH oxidases. Cardiovascular Research, 2023, 118, 3305-3319. | 1.8 | 11 |
| 2 | Neuronal nitric oxide synthase regulates regional brain perfusion in healthy humans. Cardiovascular Research, 2022, 118, 1321-1329. | 1.8 | 11 |
| 3 | Impact of the COVID-19 pandemic on in-hospital mortality in cardiovascular disease: a meta-analysis. European Journal of Preventive Cardiology, 2022, 29, 1266-1274. | 0.8 | 36 |
| 4 | 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 |
| 5 | The nexus between redox state and intermediary metabolism. FEBS Journal, 2022, 289, 5440-5462. | 2.2 | 7 |
| 6 | Systemic inflammation and oxidative stress contribute to acute kidney injury after transcatheter aortic valve implantation. Cardiology Journal, 2022, 29, 824-835. | 0.5 | 8 |
| 7 | Association of cardiometabolic microRNAs with COVID-19 severity and mortality. Cardiovascular Research, 2022, 118, 461-474. | 1.8 | 51 |
| 8 | A roadmap for the characterization of energy metabolism in human cardiomyocytes derived from induced pluripotent stem cells. Journal of Molecular and Cellular Cardiology, 2022, 164, 136-147. | 0.9 | 16 |
| 9 | Exposure to Elevated Nitrogen Dioxide Concentrations and Cardiac Remodeling in Patients With Dilated Cardiomyopathy. Journal of Cardiac Failure, 2022, 28, 924-934. | 0.7 | 6 |
| 10 | Overexpression of NOX2 Exacerbates AngII-Mediated Cardiac Dysfunction and Metabolic Remodelling. Antioxidants, 2022, 11, 143. | 2.2 | 2 |
| 11 | Nox2 underpins microvascular inflammation and vascular contributions to cognitive decline. Journal of Cerebral Blood Flow and Metabolism, 2022, 42, 1176-1191. | 2.4 | 5 |
| 12 | Unscheduled care pathways in patients with myocardial infarction in Scotland. Heart, 2022, , heartjnl-2021-320614. | 1.2 | 2 |
| 13 | Cardiac energetics in patients with chronic heart failure and iron deficiency: an <i>in vivo</i> ³¹ P magnetic resonance spectroscopy study. European Journal of Heart Failure, 2022, 24, 716-723. | 2.9 | 14 |
| 14 | ¹⁸ F-Sodium Fluoride Positron Emission Tomography and Computed Tomography in Acute Aortic Syndrome. JACC: Cardiovascular Imaging, 2022, 15, 1291-1304. | 2.3 | 7 |
| 15 | Prognostic Significance of Ventricular Arrhythmias in 13,444 Patients With Acute Coronary Syndrome: A Retrospective Cohort Study Based on Routine Clinical Data (NIHR Health Informatics Collaborative) <i>TJ</i> ETQq1 1 0.784314 rgBT /Over | | |
| 16 | High-sensitivity cardiac troponin and the diagnosis of myocardial infarction in patients with kidney impairment. Kidney International, 2022, 102, 149-159. | 2.6 | 9 |
| 17 | The pathological maelstrom of COVID-19 and cardiovascular disease. , 2022, 1, 200-210. | | 14 |
| 18 | Comparing the longer-term effectiveness of a single dose of the Pfizer-BioNTech and Oxford-AstraZeneca COVID-19 vaccines across the age spectrum. EClinicalMedicine, 2022, 46, 101344. | 3.2 | 7 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Nrf2 attenuates the innate immune response after experimental myocardial infarction. <i>Biochemical and Biophysical Research Communications</i> , 2022, 606, 10-16. | 1.0 | 4 |
| 20 | 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 |
| 21 | Cardiovascular outcomes associated with treatment of type 2 diabetes in patients with ischaemic heart failure. <i>ESC Heart Failure</i> , 2022, , . | 1.4 | 2 |
| 22 | 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 |
| 23 | Validation of the myocardial- <i>ischaemic-injury-index</i> machine learning algorithm to guide the diagnosis of myocardial infarction in a heterogeneous population: a prespecified exploratory analysis. <i>The Lancet Digital Health</i> , 2022, 4, e300-e308. | 5.9 | 18 |
| 24 | 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 |
| 25 | Implications of elevated troponin on time-to-surgery in non-ST elevation myocardial infarction (NIHR) Tj ETQq1 1 0.784314 rgBT /Over | 0.8 | 1 |
| 26 | Hepatosteatosis and Atherosclerotic Plaque at Coronary CT Angiography. <i>Radiology: Cardiothoracic Imaging</i> , 2022, 4, e210260. | 0.9 | 6 |
| 27 | 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 |
| 28 | Interaction Between Race, Ethnicity, Severe Mental Illness, and Cardiovascular Disease. <i>Journal of the American Heart Association</i> , 2022, 11, . | 1.6 | 6 |
| 29 | Cardiovascular risk factors and markers of myocardial injury and inflammation in people living with HIV in Nairobi, Kenya: a pilot cross-sectional study. <i>BMJ Open</i> , 2022, 12, e062352. | 0.8 | 2 |
| 30 | Assessment of Oxygen Supply-Demand Imbalance and Outcomes Among Patients With Type 2 Myocardial Infarction. <i>JAMA Network Open</i> , 2022, 5, e2220162. | 2.8 | 6 |
| 31 | 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 |
| 32 | CYBB/NOX2 in conventional DCs controls T cell encephalitogenicity during neuroinflammation. <i>Autophagy</i> , 2021, 17, 1244-1258. | 4.3 | 39 |
| 33 | 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 |
| 34 | Ten Years of High-Sensitivity Cardiac Troponin Testing: Impact on the Diagnosis of Myocardial Infarction. <i>Clinical Chemistry</i> , 2021, 67, 324-326. | 1.5 | 1 |
| 35 | Estimates of the global burden of cervical cancer associated with HIV. <i>The Lancet Global Health</i> , 2021, 9, e161-e169. | 2.9 | 319 |
| 36 | A Proteomics-Based Assessment of Inflammation Signatures in Endotoxemia. <i>Molecular and Cellular Proteomics</i> , 2021, 20, 100021. | 2.5 | 5 |

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|----|--|------|-----------|
| 37 | NADPH oxidase-4 promotes eccentric cardiac hypertrophy in response to volume overload. <i>Cardiovascular Research</i> , 2021, 117, 178-187. | 1.8 | 24 |
| 38 | 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 |
| 39 | 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 |
| 40 | Endothelial NADPH oxidase 4 protects against angiotensin II-induced cardiac fibrosis and inflammation. <i>ESC Heart Failure</i> , 2021, 8, 1427-1437. | 1.4 | 12 |
| 41 | An update on the roles of immune system-derived microRNAs in cardiovascular diseases. <i>Cardiovascular Research</i> , 2021, 117, 2434-2449. | 1.8 | 7 |
| 42 | X-box binding protein 1-mediated COL4A1s secretion regulates communication between vascular smooth muscle and stem/progenitor cells. <i>Journal of Biological Chemistry</i> , 2021, 296, 100541. | 1.6 | 10 |
| 43 | 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 |
| 44 | Iron derived from autophagy-mediated ferritin degradation induces cardiomyocyte death and heart failure in mice. <i>ELife</i> , 2021, 10, . | 2.8 | 60 |
| 45 | 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 |
| 46 | Drugs that inhibit TMEM16 proteins block SARS-CoV-2 spike-induced syncytia. <i>Nature</i> , 2021, 594, 88-93. | 13.7 | 293 |
| 47 | Biological responses to COVID-19: Insights from physiological and blood biomarker profiles. <i>Current Research in Translational Medicine</i> , 2021, 69, 103276. | 1.2 | 7 |
| 48 | CardiOvaScular Mechanisms In Covid-19: methodology of a prospective observational multimodality imaging study (COSMIC-19 study). <i>BMC Cardiovascular Disorders</i> , 2021, 21, 234. | 0.7 | 9 |
| 49 | The Ambulance Cardiac Chest Pain Evaluation in Scotland Study (ACCESS): A Prospective Cohort Study. <i>Annals of Emergency Medicine</i> , 2021, 77, 575-588. | 0.3 | 14 |
| 50 | 182...Tissue doppler E ^o ™ velocity and E/e ^o ™ predict 19-year cardiovascular mortality in hypertension. , 2021, , . | | 0 |
| 51 | 155...Pericoronary adipose tissue attenuation, low attenuation plaque burden and 5-year risk of myocardial infarction. , 2021, , . | | 0 |
| 52 | 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 |
| 53 | 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 |
| 54 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 55 | Observed and expected serious adverse event rates in randomised clinical trials for hypertension: an observational study comparing trials that do and do not focus on older people. <i>The Lancet Healthy Longevity</i> , 2021, 2, e398-e406. | 2.0 | 11 |
| 56 | Duration of dual antiplatelet therapy and stability of coronary heart disease: a 60 000-patient meta-analysis of randomised controlled trials. <i>Open Heart</i> , 2021, 8, e001707. | 0.9 | 4 |
| 57 | 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 |
| 58 | Direct cardiac versus systemic effects of inorganic nitrite on human left ventricular function. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021, 321, H175-H184. | 1.5 | 2 |
| 59 | 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> , The, 2021, 7, 100141. | 3.0 | 18 |
| 60 | Effect of Vaccination on Transmission of SARS-CoV-2. <i>New England Journal of Medicine</i> , 2021, 385, 1718-1720. | 13.9 | 150 |
| 61 | Nox2-deficient Tregs improve heart transplant outcomes via their increased graft recruitment and enhanced potency. <i>JCI Insight</i> , 2021, 6, . | 2.3 | 6 |
| 62 | 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 |
| 63 | Use of High-Sensitivity Cardiac Troponin in Patients With Kidney Impairment. <i>JAMA Internal Medicine</i> , 2021, 181, 1237. | 2.6 | 9 |
| 64 | Sex-Specific Computed Tomography Coronary Plaque Characterization and Risk of Myocardial Infarction. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 1804-1814. | 2.3 | 28 |
| 65 | Effect of Percutaneous Left Ventricular Unloading on Coronary Flow and Cardiac Coronary Coupling in Patients Undergoing High-Risk Percutaneous Coronary Intervention. <i>Circulation: Cardiovascular Interventions</i> , 2021, 14, e010454. | 1.4 | 2 |
| 66 | The hydrogen-peroxide producing NADPH oxidase 4 does not limit neointima development after vascular injury in mice. <i>Redox Biology</i> , 2021, 45, 102050. | 3.9 | 7 |
| 67 | Infective Endocarditis Hospitalizations and Outcomes in Patients With End-Stage Kidney Disease: A Nationwide Data-Linkage Study. <i>Journal of the American Heart Association</i> , 2021, 10, e022002. | 1.6 | 5 |
| 68 | Long-term outcomes after heart failure hospitalization during the COVID-19 pandemic: a multisite report from heart failure referral centers in London. <i>ESC Heart Failure</i> , 2021, 8, 4701-4704. | 1.4 | 14 |
| 69 | The Impact of Vendor-Specific Ultrasound Beam-Forming and Processing Techniques on the Visualization of In-Vitro Experimental "Scar": Implications for Myocardial Scar Imaging Using Two-Dimensional and Three-Dimensional Echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2021, 34, 1095-1105.e6. | 1.2 | 2 |
| 70 | 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 |
| 71 | Targeted deletion of nicotinamide adenine dinucleotide phosphate oxidase 4 from proximal tubules is dispensable for diabetic kidney disease development. <i>Nephrology Dialysis Transplantation</i> , 2021, 36, 988-997. | 0.4 | 9 |
| 72 | Association of social containment on ST-segment elevation myocardial infarction presentations during the COVID-19 pandemic. <i>Coronary Artery Disease</i> , 2021, 32, 1-3. | 0.3 | 2 |

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|----|---|-----|-----------|
| 73 | A sex-specific prediction model is not enough to achieve equality for women in preventative cardiovascular medicine. <i>European Heart Journal</i> , 2021, , . | 1.0 | 2 |
| 74 | NF- κ B activation in cardiac fibroblasts results in the recruitment of inflammatory Ly6C ^{hi} monocytes in pressure-overloaded hearts. <i>Science Signaling</i> , 2021, 14, eabe4932. | 1.6 | 13 |
| 75 | 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 |
| 76 | Endothelial Nox2 Limits Systemic Inflammation and Hypotension in Endotoxemia by Controlling Expression of Toll-Like Receptor 4. <i>Shock</i> , 2021, 56, 268-277. | 1.0 | 4 |
| 77 | Serial troponin measurements to monitor risk and response to endothelin A antagonism in chronic kidney disease. <i>Nephrology Dialysis Transplantation</i> , 2021, 36, 375-377. | 0.4 | 1 |
| 78 | Implementation of an early rule-out pathway for myocardial infarction using a high-sensitivity cardiac troponin T assay. <i>Open Heart</i> , 2021, 8, e001769. | 0.9 | 7 |
| 79 | Cardiovascular health and risk of hospitalization with COVID-19: A Mendelian Randomization study. <i>JRSM Cardiovascular Disease</i> , 2021, 10, 204800402110593. | 0.4 | 5 |
| 80 | Clinical Significance of Early Echocardiographic Changes after Resuscitated Out-of-Hospital Cardiac Arrest. <i>Resuscitation</i> , 2021, , . | 1.3 | 5 |
| 81 | High-sensitivity cardiac troponin: a double-edged sword. <i>European Heart Journal Quality of Care & Clinical Outcomes</i> , 2020, 6, 3-4. | 1.8 | 2 |
| 82 | High-Sensitivity Cardiac Troponin and the Universal Definition of Myocardial Infarction. <i>Circulation</i> , 2020, 141, 161-171. | 1.6 | 124 |
| 83 | 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 |
| 84 | 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 |
| 85 | A histone deacetylase 7-derived peptide promotes vascular regeneration via facilitating 14-3-3 ³ phosphorylation. <i>Stem Cells</i> , 2020, 38, 556-573. | 1.4 | 10 |
| 86 | Klotho regulation by albuminuria is dependent on ATF3 and endoplasmic reticulum stress. <i>FASEB Journal</i> , 2020, 34, 2087-2104. | 0.2 | 19 |
| 87 | 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 |
| 88 | 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 |
| 89 | Cardiac monocytes and macrophages after myocardial infarction. <i>Cardiovascular Research</i> , 2020, 116, 1101-1112. | 1.8 | 263 |
| 90 | Inflammatory and cardiovascular diseases biomarkers in chronic hepatitis C virus infection: A review. <i>Clinical Cardiology</i> , 2020, 43, 222-234. | 0.7 | 18 |

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|-----|--|-----|-----------|
| 91 | Effect of Exercise Intensity and Duration on Cardiac Troponin Release. <i>Circulation</i> , 2020, 141, 83-85. | 1.6 | 26 |
| 92 | 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 |
| 93 | Tissue Doppler-Derived Left Ventricular Systolic Velocity Is Associated with Lethal Arrhythmias in Cardiac Device Recipients Irrespective of Left Ventricular Ejection Fraction. <i>Journal of the American Society of Echocardiography</i> , 2020, 33, 1509-1516. | 1.2 | 1 |
| 94 | 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 |
| 95 | 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 |
| 96 | 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 |
| 97 | Risk of hospital admission with coronavirus disease 2019 in healthcare workers and their households: nationwide linkage cohort study. <i>BMJ</i> , The, 2020, 371, m3582. | 3.0 | 261 |
| 98 | Walking the tightrope: cardiovascular risk prediction in patients after acute coronary syndrome. <i>Heart</i> , 2020, 106, 484-486. | 1.2 | 0 |
| 99 | Do age, period or cohort effects explain circulatory disease mortality trends, Scotland 1974-2015?. <i>Heart</i> , 2020, 106, 584-589. | 1.2 | 4 |
| 100 | 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 |
| 101 | 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</i> , The, 2020, 396, 623-634. | 6.3 | 65 |
| 102 | Nitric Oxide Synthase Inhibitors into the Clinic at Last. <i>Handbook of Experimental Pharmacology</i> , 2020, 264, 169-204. | 0.9 | 10 |
| 103 | Ex vivo ¹⁸ F-fluoride uptake and hydroxyapatite deposition in human coronary atherosclerosis. <i>Scientific Reports</i> , 2020, 10, 20172. | 1.6 | 15 |
| 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 | 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. | 0.3 | 10 |
| 106 | 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 |
| 107 | Coronary ¹⁸ F-Fluoride Uptake and Progression of Coronary Artery Calcification. <i>Circulation: Cardiovascular Imaging</i> , 2020, 13, e011438. | 1.3 | 43 |
| 108 | We all breathe the same air – and we are all mortal. <i>Cardiovascular Research</i> , 2020, 116, 1797-1799. | 1.8 | 14 |

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|-----|--|------|-----------|
| 109 | 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 |
| 110 | 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 |
| 111 | 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 |
| 112 | Incidence, Microbiology, and Outcomes in Patients Hospitalized With Infective Endocarditis. <i>Circulation</i> , 2020, 141, 2067-2077. | 1.6 | 90 |
| 113 | Nitric oxide fine-tunes NHE1 to control cardiomyocyte pH. <i>Cardiovascular Research</i> , 2020, 116, 1925-1926. | 1.8 | 0 |
| 114 | Low-Attenuation Noncalcified Plaque on Coronary Computed Tomography Angiography Predicts Myocardial Infarction. <i>Circulation</i> , 2020, 141, 1452-1462. | 1.6 | 348 |
| 115 | Prognostic significance of troponin level in 3121 patients presenting with atrial fibrillation (The NIHR) Tj ETQq1 1 0.784314 rgBT /Overl e013684. | 1.6 | 16 |
| 116 | Acute heart failure. <i>Nature Reviews Disease Primers</i> , 2020, 6, 16. | 18.1 | 237 |
| 117 | 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 |
| 118 | NADPH Oxidase 2 Mediates Myocardial Oxygen Wasting in Obesity. <i>Antioxidants</i> , 2020, 9, 171. | 2.2 | 10 |
| 119 | Pkm2 Regulates Cardiomyocyte Cell Cycle and Promotes Cardiac Regeneration. <i>Circulation</i> , 2020, 141, 1249-1265. | 1.6 | 147 |
| 120 | Beyond bacterial killing: NADPH oxidase 2 is an immunomodulator. <i>Immunology Letters</i> , 2020, 221, 39-48. | 1.1 | 32 |
| 121 | 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. | 1.2 | 15 |
| 122 | Cytokine mRNA Degradation in Cardiomyocytes Restrains Sterile Inflammation in Pressure-Overloaded Hearts. <i>Circulation</i> , 2020, 141, 667-677. | 1.6 | 26 |
| 123 | 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 |
| 124 | Cardiovascular disease, heart failure and COVID-19. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2020, 21, 147032032092690. | 1.0 | 8 |
| 125 | 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 |
| 126 | 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 |

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|-----|--|------|-----------|
| 127 | 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 |
| 128 | Molecular Coronary Plaque Imaging Using ¹⁸ F-Fluoride. <i>Circulation: Cardiovascular Imaging</i> , 2019, 12, e008574. | 1.3 | 36 |
| 129 | Machine Learning to Predict the Likelihood of Acute Myocardial Infarction. <i>Circulation</i> , 2019, 140, 899-909. | 1.6 | 128 |
| 130 | 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 |
| 131 | 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 |
| 132 | Assessing the role of extracellular signal-regulated kinases 1 and 2 in volume overload-induced cardiac remodelling. <i>ESC Heart Failure</i> , 2019, 6, 1015-1026. | 1.4 | 5 |
| 133 | Application of High-Sensitivity Troponin in Suspected Myocardial Infarction. <i>New England Journal of Medicine</i> , 2019, 380, 2529-2540. | 13.9 | 230 |
| 134 | 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 |
| 135 | A machine learning approach for the prediction of pulmonary hypertension. <i>PLoS ONE</i> , 2019, 14, e0224453. | 1.1 | 49 |
| 136 | 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 |
| 137 | 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 |
| 138 | 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 |
| 139 | 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 |
| 140 | Clinical determinants of plasma cardiac biomarkers in patients with stable chest pain. <i>Heart</i> , 2019, 105, 1748-1754. | 1.2 | 4 |
| 141 | Oxidation of PKG 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. | 3.3 | 12 |
| 142 | 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 |
| 143 | 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. | 0.6 | 14 |
| 144 | Cardiac Troponin T and Troponin I in the General Population. <i>Circulation</i> , 2019, 139, 2754-2764. | 1.6 | 200 |

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