

Colin Berry MBChB

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.

245
papers

10,374
citations

49
h-index

96
g-index

290
ext. papers

14,598
ext. citations

7.1
avg, IF

6.3
L-index

| # | Paper | IF | Citations |
|-----|--|------|-----------|
| 245 | Efficacy and Safety of Low-Dose Colchicine after Myocardial Infarction. <i>New England Journal of Medicine</i> , 2019 , 381, 2497-2505 | 59.2 | 861 |
| 244 | COVID-19 and the cardiovascular system: implications for risk assessment, diagnosis, and treatment options. <i>Cardiovascular Research</i> , 2020 , 116, 1666-1687 | 9.9 | 714 |
| 243 | Randomized trial of preventive angioplasty in myocardial infarction. <i>New England Journal of Medicine</i> , 2013 , 369, 1115-23 | 59.2 | 657 |
| 242 | Coronary CT Angiography and 5-Year Risk of Myocardial Infarction. <i>New England Journal of Medicine</i> , 2018 , 379, 924-933 | 59.2 | 471 |
| 241 | Investigation into the sources of superoxide in human blood vessels: angiotensin II increases superoxide production in human internal mammary arteries. <i>Circulation</i> , 2000 , 101, 2206-12 | 16.7 | 266 |
| 240 | Multicenter core laboratory comparison of the instantaneous wave-free ratio and resting Pd/Pa with fractional flow reserve: the RESOLVE study. <i>Journal of the American College of Cardiology</i> , 2014 , 63, 1253-1261 | 15.1 | 229 |
| 239 | Prognostic value of the Index of Microcirculatory Resistance measured after primary percutaneous coronary intervention. <i>Circulation</i> , 2013 , 127, 2436-41 | 16.7 | 215 |
| 238 | Stratified Medical Therapy Using Invasive Coronary Function Testing in Angina: The CorMicA Trial. <i>Journal of the American College of Cardiology</i> , 2018 , 72, 2841-2855 | 15.1 | 208 |
| 237 | 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 |
| 236 | Magnetic Resonance Perfusion or Fractional Flow Reserve in Coronary Disease. <i>New England Journal of Medicine</i> , 2019 , 380, 2418-2428 | 59.2 | 184 |
| 235 | Fractional flow reserve vs. angiography in guiding management to optimize outcomes in non-ST-segment elevation myocardial infarction: the British Heart Foundation FAMOUS-NSTEMI randomized trial. <i>European Heart Journal</i> , 2015 , 36, 100-11 | 9.5 | 174 |
| 234 | VERIFY (VERification of Instantaneous Wave-Free Ratio and Fractional Flow Reserve for the Assessment of Coronary Artery Stenosis Severity in EverydaY Practice): a multicenter study in consecutive patients. <i>Journal of the American College of Cardiology</i> , 2013 , 61, 1421-7 | 15.1 | 160 |
| 233 | Adenosine: physiology, pharmacology, and clinical applications. <i>JACC: Cardiovascular Interventions</i> , 2014 , 7, 581-91 | 5 | 155 |
| 232 | A randomized trial of deferred stenting versus immediate stenting to prevent no- or slow-reflow in acute ST-segment elevation myocardial infarction (DEFER-STEMI). <i>Journal of the American College of Cardiology</i> , 2014 , 63, 2088-2098 | 15.1 | 146 |
| 231 | 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 |
| 230 | Effect of Care Guided by Cardiovascular Magnetic Resonance, Myocardial Perfusion Scintigraphy, or NICE Guidelines on Subsequent Unnecessary Angiography Rates: The CE-MARC 2 Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2016 , 316, 1051-60 | 27.4 | 138 |
| 229 | The index of microcirculatory resistance measured acutely predicts the extent and severity of myocardial infarction in patients with ST-segment elevation myocardial infarction. <i>JACC: Cardiovascular Interventions</i> , 2010 , 3, 715-22 | 5 | 132 |

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| 228 | Coronary heart disease in patients with diabetes: part I: recent advances in prevention and noninvasive management. <i>Journal of the American College of Cardiology</i> , 2007 , 49, 631-42 | 15.1 | 112 |
| 227 | Myocardial Hemorrhage After Acute Reperfused ST-Segment-Elevation Myocardial Infarction: Relation to Microvascular Obstruction and Prognostic Significance. <i>Circulation: Cardiovascular Imaging</i> , 2016 , 9, e004148 | 3.9 | 111 |
| 226 | Coronary heart disease in patients with diabetes: part II: recent advances in coronary revascularization. <i>Journal of the American College of Cardiology</i> , 2007 , 49, 643-56 | 15.1 | 108 |
| 225 | An EAPCI Expert Consensus Document on Ischaemia with Non-Obstructive Coronary Arteries in Collaboration with European Society of Cardiology Working Group on Coronary Pathophysiology & Microcirculation Endorsed by Coronary Vasomotor Disorders International Study Group. <i>European Heart Journal</i> , 2020 , 41, 3504-3520 | 9.5 | 106 |
| 224 | Cardiac MRI Endpoints in Myocardial Infarction Experimental and Clinical Trials: JACC Scientific Expert Panel. <i>Journal of the American College of Cardiology</i> , 2019 , 74, 238-256 | 15.1 | 102 |
| 223 | Importance of collateral circulation in coronary heart disease. <i>European Heart Journal</i> , 2007 , 28, 278-91 | 9.5 | 102 |
| 222 | Comparison of Different Diastolic Resting Indexes to iFR: Are They All Equal?. <i>Journal of the American College of Cardiology</i> , 2017 , 70, 3088-3096 | 15.1 | 101 |
| 221 | Magnetic resonance imaging delineates the ischemic area at risk and myocardial salvage in patients with acute myocardial infarction. <i>Circulation: Cardiovascular Imaging</i> , 2010 , 3, 527-35 | 3.9 | 97 |
| 220 | Continuum of Vasodilator Stress From Rest to Contrast Medium to Adenosine Hyperemia for Fractional Flow Reserve Assessment. <i>JACC: Cardiovascular Interventions</i> , 2016 , 9, 757-767 | 5 | 96 |
| 219 | Comparison of intravascular ultrasound and quantitative coronary angiography for the assessment of coronary artery disease progression. <i>Circulation</i> , 2007 , 115, 1851-7 | 16.7 | 92 |
| 218 | Comparative Prognostic Utility of Indexes of Microvascular Function Alone or in Combination in Patients With an Acute ST-Segment-Elevation Myocardial Infarction. <i>Circulation</i> , 2016 , 134, 1833-1847 | 16.7 | 89 |
| 217 | Bright-blood T2-weighted MRI has higher diagnostic accuracy than dark-blood short tau inversion recovery MRI for detection of acute myocardial infarction and for assessment of the ischemic area at risk and myocardial salvage. <i>Circulation: Cardiovascular Imaging</i> , 2011 , 4, 210-9 | 3.9 | 88 |
| 216 | Pathophysiology of LV Remodeling in Survivors of STEMI: Inflammation, Remote Myocardium, and Prognosis. <i>JACC: Cardiovascular Imaging</i> , 2015 , 8, 779-89 | 8.4 | 85 |
| 215 | Effect of Empagliflozin on Left Ventricular Volumes in Patients With Type 2 Diabetes, or Prediabetes, and Heart Failure With Reduced Ejection Fraction (SUGAR-DM-HF). <i>Circulation</i> , 2021 , 143, 516-525 | 16.7 | 85 |
| 214 | Effects of urotensin II in human arteries and veins of varying caliber. <i>Circulation</i> , 2001 , 103, 1378-81 | 16.7 | 83 |
| 213 | Systemic microvascular dysfunction in microvascular and vasospastic angina. <i>European Heart Journal</i> , 2018 , 39, 4086-4097 | 9.5 | 83 |
| 212 | Prognostic significance of infarct core pathology revealed by quantitative non-contrast in comparison with contrast cardiac magnetic resonance imaging in reperfused ST-elevation myocardial infarction survivors. <i>European Heart Journal</i> , 2016 , 37, 1044-59 | 9.5 | 81 |
| 211 | Vasodilatory capacity of the coronary microcirculation is preserved in selected patients with non-ST-segment-elevation myocardial infarction. <i>Circulation: Cardiovascular Interventions</i> , 2013 , 6, 231-6 ⁶ | | 77 |

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|-----|---|------|----|
| 210 | Cardiovascular Magnetic Resonance in Acute ST-Segment-Elevation Myocardial Infarction: Recent Advances, Controversies, and Future Directions. <i>Circulation</i> , 2018 , 137, 1949-1964 | 16.7 | 74 |
| 209 | Temporal Evolution of Myocardial Hemorrhage and Edema in Patients After Acute ST-Segment Elevation Myocardial Infarction: Pathophysiological Insights and Clinical Implications. <i>Journal of the American Heart Association</i> , 2016 , 5, | 6 | 72 |
| 208 | Defining myocardial tissue abnormalities in end-stage renal failure with cardiac magnetic resonance imaging using native T1 mapping. <i>Kidney International</i> , 2016 , 90, 845-52 | 9.9 | 70 |
| 207 | Repeatability of Fractional Flow Reserve Despite Variations in Systemic and Coronary Hemodynamics. <i>JACC: Cardiovascular Interventions</i> , 2015 , 8, 1018-1027 | 5 | 64 |
| 206 | Optimized Treatment of ST-Elevation Myocardial Infarction. <i>Circulation Research</i> , 2019 , 125, 245-258 | 15.7 | 62 |
| 205 | Stable coronary syndromes: pathophysiology, diagnostic advances and therapeutic need. <i>Heart</i> , 2018 , 104, 284-292 | 5.1 | 61 |
| 204 | High-Sensitivity Cardiac Troponin and the Universal Definition of Myocardial Infarction. <i>Circulation</i> , 2020 , 141, 161-171 | 16.7 | 61 |
| 203 | Society for Cardiovascular Magnetic Resonance (SCMR) expert consensus for CMR imaging endpoints in clinical research: part I - analytical validation and clinical qualification. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2018 , 20, 67 | 6.9 | 61 |
| 202 | 1-Year Outcomes of Angina Management Guided by Invasive Coronary Function Testing (CorMicA). <i>JACC: Cardiovascular Interventions</i> , 2020 , 13, 33-45 | 5 | 55 |
| 201 | The Influence of Lesion Location on the Diagnostic Accuracy of Adenosine-Free Coronary Pressure Wire Measurements. <i>JACC: Cardiovascular Interventions</i> , 2016 , 9, 2390-2399 | 5 | 54 |
| 200 | Effect of Low-Dose Intracoronary Alteplase During Primary Percutaneous Coronary Intervention on Microvascular Obstruction in Patients With Acute Myocardial Infarction: A Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2019 , 321, 56-68 | 27.4 | 54 |
| 199 | Treatment of coronary microvascular dysfunction. <i>Cardiovascular Research</i> , 2020 , 116, 856-870 | 9.9 | 51 |
| 198 | Mechanisms and diagnostic evaluation of persistent or recurrent angina following percutaneous coronary revascularization. <i>European Heart Journal</i> , 2019 , 40, 2455-2462 | 9.5 | 50 |
| 197 | Comparison of exercise testing and CMR measured myocardial perfusion reserve for predicting outcome in asymptomatic aortic stenosis: the PRognostic Importance of Microvascular Dysfunction in Aortic Stenosis (PRIMID AS) Study. <i>European Heart Journal</i> , 2017 , 38, 1222-1229 | 9.5 | 49 |
| 196 | Bright-blood T(2)-weighted MRI has high diagnostic accuracy for myocardial hemorrhage in myocardial infarction: a preclinical validation study in swine. <i>Circulation: Cardiovascular Imaging</i> , 2011 , 4, 738-45 | 3.9 | 49 |
| 195 | BMI and future risk for COVID-19 infection and death across sex, age and ethnicity: Preliminary findings from UK biobank. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , 2020 , 14, 1149-1151 | 8.9 | 49 |
| 194 | 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 |
| 193 | Discordance Between Resting and Hyperemic Indices of Coronary Stenosis Severity: The VERIFY 2 Study (A Comparative Study of Resting Coronary Pressure Gradient, Instantaneous Wave-Free Ratio and Fractional Flow Reserve in an Unselected Population Referred for Invasive Angiography). <i>Circulation: Cardiovascular Interventions</i> , 2016 , 9, | 6 | 47 |

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| 192 | 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 |
| 191 | Native T1 mapping: inter-study, inter-observer and inter-center reproducibility in hemodialysis patients. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2017 , 19, 21 | 6.9 | 45 |
| 190 | Fractional flow reserve-guided management in stable coronary disease and acute myocardial infarction: recent developments. <i>European Heart Journal</i> , 2015 , 36, 3155-64 | 9.5 | 45 |
| 189 | Modifiable and non-modifiable risk factors for COVID-19, and comparison to risk factors for influenza and pneumonia: results from a UK Biobank prospective cohort study. <i>BMJ Open</i> , 2020 , 10, e0402402 | 4.0 | 45 |
| 188 | ISHLT Primary Graft Dysfunction Incidence, Risk Factors, and Outcome: A UK National Study. <i>Transplantation</i> , 2019 , 103, 336-343 | 1.8 | 43 |
| 187 | Long Covid in adults discharged from UK hospitals after Covid-19: A prospective, multicentre cohort study using the ISARIC WHO Clinical Characterisation Protocol. <i>Lancet Regional Health - Europe</i> , 2021 , 8, 100186 | | 43 |
| 186 | Cardiovascular magnetic resonance activity in the United Kingdom: a survey on behalf of the British Society of Cardiovascular Magnetic Resonance. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2011 , 13, 57 | 6.9 | 42 |
| 185 | Quasi-static image-based immersed boundary-finite element model of left ventricle under diastolic loading. <i>International Journal for Numerical Methods in Biomedical Engineering</i> , 2014 , 30, 1199-222 | 2.6 | 40 |
| 184 | Patients with prior coronary artery bypass grafting have a poor outcome after myocardial infarction: an analysis of the VALsartan in acute myocardial infarction trial (VALIANT). <i>European Heart Journal</i> , 2009 , 30, 1450-6 | 9.5 | 40 |
| 183 | Native myocardial longitudinal (T1) relaxation time: Regional, age, and sex associations in the healthy adult heart. <i>Journal of Magnetic Resonance Imaging</i> , 2016 , 44, 541-8 | 5.6 | 39 |
| 182 | A coupled mitral valve-left ventricle model with fluid-structure interaction. <i>Medical Engineering and Physics</i> , 2017 , 47, 128-136 | 2.4 | 39 |
| 181 | Ischemia and No Obstructive Coronary Artery Disease: Prevalence and Correlates of Coronary Vasomotion Disorders. <i>Circulation: Cardiovascular Interventions</i> , 2019 , 12, e008126 | 6 | 39 |
| 180 | Dynamic finite-strain modelling of the human left ventricle in health and disease using an immersed boundary-finite element method. <i>IMA Journal of Applied Mathematics</i> , 2014 , 79, 978-1010 | 1 | 38 |
| 179 | Assessment of Vascular Dysfunction in Patients Without Obstructive Coronary Artery Disease: Why, How, and When. <i>JACC: Cardiovascular Interventions</i> , 2020 , 13, 1847-1864 | 5 | 37 |
| 178 | Remote Zone Extracellular Volume and Left Ventricular Remodeling in Survivors of ST-Elevation Myocardial Infarction. <i>Hypertension</i> , 2016 , 68, 385-91 | 8.5 | 37 |
| 177 | Pathophysiology and diagnosis of coronary microvascular dysfunction in ST-elevation myocardial infarction. <i>Cardiovascular Research</i> , 2020 , 116, 787-805 | 9.9 | 36 |
| 176 | Fatal ischemic stroke related to nonpermissive peripheral artery access for percutaneous aortic valve replacement. <i>Catheterization and Cardiovascular Interventions</i> , 2007 , 69, 56-63 | 2.7 | 34 |
| 175 | An EAPCI Expert Consensus Document on Ischaemia with Non-Obstructive Coronary Arteries in Collaboration with European Society of Cardiology Working Group on Coronary Pathophysiology & Microcirculation Endorsed by Coronary Vasomotor Disorders International Study Group. <i>EuroIntervention</i> , 2021 , 16, 1049-1069 | 3.1 | 34 |

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|-----|--|------|----|
| 174 | 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 |
| 173 | The changing course of aortic valve disease in Scotland: temporal trends in hospitalizations and mortality and prognostic importance of aortic stenosis. <i>European Heart Journal</i> , 2013 , 34, 1538-47 | 9.5 | 32 |
| 172 | Influence of access site choice for cardiac catheterization on risk of adverse neurological events: A systematic review and meta-analysis. <i>American Heart Journal</i> , 2016 , 181, 107-119 | 4.9 | 32 |
| 171 | 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 |
| 170 | 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 |
| 169 | Changes and classification in myocardial contractile function in the left ventricle following acute myocardial infarction. <i>Journal of the Royal Society Interface</i> , 2017 , 14, | 4.1 | 31 |
| 168 | Microvascular resistance of the culprit coronary artery in acute ST-elevation myocardial infarction. <i>JCI Insight</i> , 2016 , 1, e85768 | 9.9 | 31 |
| 167 | Primary graft dysfunction after heart transplantation: a thorn amongst the roses. <i>Heart Failure Reviews</i> , 2019 , 24, 805-820 | 5 | 30 |
| 166 | Single- Versus 2-Stent Strategies for Coronary Bifurcation Lesions: A Systematic Review and Meta-Analysis of Randomized Trials With Long-Term Follow-up. <i>Journal of the American Heart Association</i> , 2018 , 7, | 6 | 30 |
| 165 | Agreement of the Resting Distal to Aortic Coronary Pressure With the Instantaneous Wave-Free Ratio. <i>Journal of the American College of Cardiology</i> , 2017 , 70, 2105-2113 | 15.1 | 29 |
| 164 | Genetic dysregulation of endothelin-1 is implicated in coronary microvascular dysfunction. <i>European Heart Journal</i> , 2020 , 41, 3239-3252 | 9.5 | 29 |
| 163 | Diagnosis of patients with angina and non-obstructive coronary disease in the catheter laboratory. <i>Heart</i> , 2019 , 105, 1536-1542 | 5.1 | 29 |
| 162 | Magnetic Resonance Imaging of Myocardial Strain After Acute ST-Segment-Elevation Myocardial Infarction: A Systematic Review. <i>Circulation: Cardiovascular Imaging</i> , 2017 , 10, | 3.9 | 29 |
| 161 | Physiological Predictors of Acute Coronary Syndromes: Emerging Insights From the Plaque to the Vulnerable Patient. <i>JACC: Cardiovascular Interventions</i> , 2017 , 10, 2539-2547 | 5 | 28 |
| 160 | Advances in computational modelling for personalised medicine after myocardial infarction. <i>Heart</i> , 2018 , 104, 550-557 | 5.1 | 27 |
| 159 | How to Diagnose and Manage Angina Without Obstructive Coronary Artery Disease: Lessons from the British Heart Foundation CorMicA Trial. <i>Interventional Cardiology Review</i> , 2019 , 14, 76-82 | 4.2 | 26 |
| 158 | Comprehensive dobutamine stress CMR versus echocardiography in LBBB and suspected coronary artery disease. <i>JACC: Cardiovascular Imaging</i> , 2014 , 7, 490-8 | 8.4 | 26 |
| 157 | COVID-19 and its cardiovascular effects: a systematic review of prevalence studies. <i>The Cochrane Library</i> , 2021 , 3, CD013879 | 5.2 | 26 |

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|-----|--|------|----|
| 156 | Persistent Iron Within the Infarct Core After ST-Segment Elevation Myocardial Infarction: Implications for Left Ventricular Remodeling and Health Outcomes. <i>JACC: Cardiovascular Imaging</i> , 2018 , 11, 1248-1256 | 8.4 | 26 |
| 155 | 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 |
| 154 | International Prospective Registry of Acute Coronary Syndromes in Patients With COVID-19. <i>Journal of the American College of Cardiology</i> , 2021 , 77, 2466-2476 | 15.1 | 25 |
| 153 | Modelling mitral valvular dynamics-current trend and future directions. <i>International Journal for Numerical Methods in Biomedical Engineering</i> , 2017 , 33, e2858 | 2.6 | 24 |
| 152 | Predictive factors of discordance between the instantaneous wave-free ratio and fractional flow reserve. <i>Catheterization and Cardiovascular Interventions</i> , 2019 , 94, 356-363 | 2.7 | 24 |
| 151 | Left ventricular strain and its pattern estimated from cine CMR and validation with DENSE. <i>Physics in Medicine and Biology</i> , 2014 , 59, 3637-56 | 3.8 | 24 |
| 150 | Myocardial strain in healthy adults across a broad age range as revealed by cardiac magnetic resonance imaging at 1.5 and 3.0T: Associations of myocardial strain with myocardial region, age, and sex. <i>Journal of Magnetic Resonance Imaging</i> , 2016 , 44, 1197-1205 | 5.6 | 23 |
| 149 | Computed tomography versus invasive coronary angiography: design and methods of the pragmatic randomised multicentre DISCHARGE trial. <i>European Radiology</i> , 2017 , 27, 2957-2968 | 8 | 23 |
| 148 | Cardiovascular changes occurring with occlusion of a mature arteriovenous fistula. <i>Journal of Vascular Access</i> , 2015 , 16, 459-66 | 1.8 | 23 |
| 147 | Impact of Incomplete Percutaneous Revascularization in Patients With Multivessel Coronary Artery Disease: A Systematic Review and Meta-Analysis. <i>Journal of the American Heart Association</i> , 2016 , 5, | 6 | 23 |
| 146 | Coronary microvascular dysfunction in patients with stable coronary artery disease: The CE-MARC 2 coronary physiology sub-study. <i>International Journal of Cardiology</i> , 2018 , 266, 7-14 | 3.2 | 22 |
| 145 | Meta-Analysis of Death and Myocardial Infarction in the DEFINE-FLAIR and iFR-SWEDEHEART Trials. <i>Circulation</i> , 2017 , 136, 2389-2391 | 16.7 | 21 |
| 144 | Diastolic pressure ratio: new approach and validation vs. the instantaneous wave-free ratio. <i>European Heart Journal</i> , 2019 , 40, 2585-2594 | 9.5 | 21 |
| 143 | A Novel Method for Estimating Myocardial Strain: Assessment of Deformation Tracking Against Reference Magnetic Resonance Methods in Healthy Volunteers. <i>Scientific Reports</i> , 2016 , 6, 38774 | 4.9 | 21 |
| 142 | Feature-tracking myocardial strain in healthy adults- a magnetic resonance study at 3.0 tesla. <i>Scientific Reports</i> , 2019 , 9, 3239 | 4.9 | 20 |
| 141 | Current Smoking and Prognosis After Acute ST-Segment Elevation Myocardial Infarction: New Pathophysiological Insights. <i>JACC: Cardiovascular Imaging</i> , 2019 , 12, 993-1003 | 8.4 | 20 |
| 140 | LGE and NT-proBNP identify low risk of death or arrhythmic events in patients with primary prevention ICDs. <i>JACC: Cardiovascular Imaging</i> , 2014 , 7, 561-9 | 8.4 | 20 |
| 139 | Stable Coronary Syndromes: The Case for Consolidating the Nomenclature of Stable Ischemic Heart Disease. <i>Circulation</i> , 2017 , 136, 437-439 | 16.7 | 19 |

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| 138 | Prognostic Value of the Residual SYNTAX Score After Functionally Complete Revascularization in ACS. <i>Journal of the American College of Cardiology</i> , 2018 , 72, 1321-1329 | 15.1 | 19 |
| 137 | Cangrelor versus Ticagrelor in Patients Treated with Primary Percutaneous Coronary Intervention: Impact on Platelet Activity, Myocardial Microvascular Function and Infarct Size: A Randomized Controlled Trial. <i>Thrombosis and Haemostasis</i> , 2019 , 119, 1171-1181 | 7 | 17 |
| 136 | Assessment of Fractional Flow Reserve in Patients With Recent Non-ST-Segment-Elevation Myocardial Infarction: Comparative Study With 3-T Stress Perfusion Cardiac Magnetic Resonance Imaging. <i>Circulation: Cardiovascular Interventions</i> , 2015 , 8, e002207 | 6 | 17 |
| 135 | Safety of guidewire-based measurement of fractional flow reserve and the index of microvascular resistance using intravenous adenosine in patients with acute or recent myocardial infarction. <i>International Journal of Cardiology</i> , 2016 , 202, 305-10 | 3.2 | 17 |
| 134 | Rationale and design of the Clinical Evaluation of Magnetic Resonance Imaging in Coronary heart disease 2 trial (CE-MARC 2): a prospective, multicenter, randomized trial of diagnostic strategies in suspected coronary heart disease. <i>American Heart Journal</i> , 2015 , 169, 17-24.e1 | 4.9 | 17 |
| 133 | Clinical characteristics and prognosis of patients with microvascular angina: an international and prospective cohort study by the Coronary Vasomotor Disorders International Study (COVADIS) Group. <i>European Heart Journal</i> , 2021 , 42, 4592-4600 | 9.5 | 17 |
| 132 | Circumferential Strain Predicts Major Adverse Cardiovascular Events Following an Acute ST-Segment-Elevation Myocardial Infarction. <i>Radiology</i> , 2019 , 290, 329-337 | 20.5 | 17 |
| 131 | Urine proteomics in the diagnosis of stable angina. <i>BMC Cardiovascular Disorders</i> , 2016 , 16, 70 | 2.3 | 16 |
| 130 | The Potential Use of the Index of Microcirculatory Resistance to Guide Stratification of Patients for Adjunctive Therapy in Acute Myocardial Infarction. <i>JACC: Cardiovascular Interventions</i> , 2019 , 12, 951-966 ⁵ | | 15 |
| 129 | Risk stratification in non-ST elevation acute coronary syndromes: Risk scores, biomarkers and clinical judgment. <i>IJC Heart and Vasculature</i> , 2015 , 8, 131-137 | 2.4 | 15 |
| 128 | Outcomes of Percutaneous Coronary Intervention Performed at Offsite Versus Onsite Surgical Centers in the United Kingdom. <i>Journal of the American College of Cardiology</i> , 2015 , 66, 363-72 | 15.1 | 15 |
| 127 | Rationale and design of the British Heart Foundation (BHF) Coronary Microvascular Function and CT Coronary Angiogram (CorCTCA) study. <i>American Heart Journal</i> , 2020 , 221, 48-59 | 4.9 | 15 |
| 126 | Chronic infarct size after spontaneous coronary artery dissection: implications for pathophysiology and clinical management. <i>European Heart Journal</i> , 2020 , 41, 2197-2205 | 9.5 | 15 |
| 125 | Post-stenting fractional flow reserve vs coronary angiography for optimization of percutaneous coronary intervention (TARGET-FFR). <i>European Heart Journal</i> , 2021 , 42, 4656-4668 | 9.5 | 15 |
| 124 | What is the recovery rate and risk of long-term consequences following a diagnosis of COVID-19? A harmonised, global longitudinal observational study protocol. <i>BMJ Open</i> , 2021 , 11, e043887 | 3 | 15 |
| 123 | Assessment of the relationships between myocardial contractility and infarct tissue revealed by serial magnetic resonance imaging in patients with acute myocardial infarction. <i>International Journal of Cardiovascular Imaging</i> , 2015 , 31, 1201-9 | 2.5 | 14 |
| 122 | Rationale and design of the British Heart Foundation (BHF) Coronary Microvascular Angina (CorMicA) stratified medicine clinical trial. <i>American Heart Journal</i> , 2018 , 201, 86-94 | 4.9 | 14 |
| 121 | Hypertension, Microvascular Pathology, and Prognosis After an Acute Myocardial Infarction. <i>Hypertension</i> , 2018 , 72, 720-730 | 8.5 | 14 |

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|-----|--|------|----|
| 120 | 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 |
| 119 | Comparative Significance of Invasive Measures of Microvascular Injury in Acute Myocardial Infarction. <i>Circulation: Cardiovascular Interventions</i> , 2020 , 13, e008505 | 6 | 13 |
| 118 | Prognostic importance of myocardial infarct characteristics. <i>European Heart Journal Cardiovascular Imaging</i> , 2013 , 14, 313-5 | 4.1 | 13 |
| 117 | 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 |
| 116 | The Chief Scientist Office Cardiovascular and Pulmonary Imaging in SARS Coronavirus disease-19 (CISCO-19) study. <i>Cardiovascular Research</i> , 2020 , 116, 2185-2196 | 9.9 | 13 |
| 115 | Fractional flow reserve: a clinical perspective. <i>International Journal of Cardiovascular Imaging</i> , 2017 , 33, 961-974 | 2.5 | 12 |
| 114 | Rationale and design of the Medical Research Council's Precision Medicine with Zibotentan in Microvascular Angina (PRIZE) trial. <i>American Heart Journal</i> , 2020 , 229, 70-80 | 4.9 | 12 |
| 113 | Fractional flow reserve derived from computed tomography coronary angiography in the assessment and management of stable chest pain: the FORECAST randomized trial. <i>European Heart Journal</i> , 2021 , 42, 3844-3852 | 9.5 | 12 |
| 112 | Sex differences in procedural and clinical outcomes following rotational atherectomy. <i>Catheterization and Cardiovascular Interventions</i> , 2020 , 95, 232-241 | 2.7 | 12 |
| 111 | The relationship between oxidised LDL, endothelial progenitor cells and coronary endothelial function in patients with CHD. <i>Open Heart</i> , 2016 , 3, e000342 | 3 | 11 |
| 110 | Invasive Versus Medical Management in Patients With Prior Coronary Artery Bypass Surgery With a Non-ST Segment Elevation Acute Coronary Syndrome. <i>Circulation: Cardiovascular Interventions</i> , 2019 , 12, e007830 | 6 | 11 |
| 109 | Gaussian process emulation to accelerate parameter estimation in a mechanical model of the left ventricle: a critical step towards clinical end-user relevance. <i>Journal of the Royal Society Interface</i> , 2019 , 16, 20190114 | 4.1 | 11 |
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