

Colin Berry MBChB

List of Publications by Year in Descending Order

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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	A Noncontrast CMR Risk Score for Long-Term Risk Stratification in Reperfused ST-Segment Elevation Myocardial Infarction.. <i>JACC: Cardiovascular Imaging</i> , 2022 , 15, 431-440	8.4	0
244	Coronary Arterial Function and Disease in Women With No Obstructive Coronary Arteries.. <i>Circulation Research</i> , 2022 , 130, 529-551	15.7	1
243	CT or Invasive Coronary Angiography in Stable Chest Pain.. <i>New England Journal of Medicine</i> , 2022 ,	59.2	7
242	Mechanistic study of the effect of Endothelin SNPs in microvascular angina - Protocol of the PRIZE Endothelin Sub-Study.. <i>IJC Heart and Vasculature</i> , 2022 , 39, 100980	2.4	0
241	Prevalence of Coronary Microvascular Disease and Coronary Vasospasm in Patients With Nonobstructive Coronary Artery Disease: Systematic Review and Meta-Analysis.. <i>Journal of the American Heart Association</i> , 2022 , e023207	6	4
240	The British Cardiovascular Society and clinical studies in ischaemic heart disease: from RITA to ORBITA, and beyond.. <i>Heart</i> , 2022 , 108, 800-806	5.1	
239	Very early invasive angiography versus standard of care in higher-risk non-ST elevation myocardial infarction: study protocol for the prospective multicentre randomised controlled RAPID N-STEMI trial.. <i>BMJ Open</i> , 2022 , 12, e055878	3	0
238	Risk Stratification Guided by the Index of Microcirculatory Resistance and Left Ventricular End-Diastolic Pressure in Acute Myocardial Infarction. <i>Circulation: Cardiovascular Interventions</i> , 2021 , 14, e009529	6	3
237	Invasive versus medically managed acute coronary syndromes with prior bypass (CABG-ACS): insights into the registry versus randomised trial populations. <i>Open Heart</i> , 2021 , 8,	3	1
236	Invasive versus medically managed acute coronary syndromes with prior bypass (CABG-ACS): insights into the registry versus randomised trial populations. <i>Open Heart</i> , 2021 , 8, e001453	3	1
235	Myocardial changes on 3T cardiovascular magnetic resonance imaging in response to haemodialysis with fluid removal. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2021 , 23, 125	6.9	0
234	Cardiovascular outcomes of glucose lowering therapy in chronic kidney disease patients: a systematic review with meta-analysis.. <i>Reviews in Cardiovascular Medicine</i> , 2021 , 22, 1479-1490	3.9	
233	Clinical Characteristics, Management Strategies, and Outcomes of Non-ST-Segment-Elevation Myocardial Infarction Patients With and Without Prior Coronary Artery Bypass Grafting. <i>Journal of the American Heart Association</i> , 2021 , 10, e018823	6	0
232	Strengths and limitations of meta-analyses. <i>European Heart Journal</i> , 2021 ,	9.5	1
231	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
230	COVID-19 and its cardiovascular effects: a systematic review of prevalence studies. <i>The Cochrane Library</i> , 2021 , 3, CD013879	5.2	26
229	Pharmacogenomics of the Efficacy and Safety of Colchicine in COLCOT. <i>Circulation Genomic and Precision Medicine</i> , 2021 , 14, e003183	5.2	2

228	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
227	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
226	What Is the Role of Assessing Ischemia to Optimize Therapy and Outcomes for Patients with Stable Angina and Non-obstructed Coronary Arteries?. <i>Cardiovascular Drugs and Therapy</i> , 2021 , 1	3.9	1
225	Demographic, multi-morbidity and genetic impact on myocardial involvement and its recovery from COVID-19: protocol design of COVID-HEART-a UK, multicentre, observational study. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2021 , 23, 77	6.9	6
224	Thermodilution-derived temperature recovery time: a novel predictor of microvascular reperfusion and prognosis after myocardial infarction. <i>EuroIntervention</i> , 2021 , 17, 220-228	3.1	3
223	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
222	Cardiovascular and Renal Risk Factors and Complications Associated With COVID-19. <i>CJC Open</i> , 2021 , 3, 1257-1272	2	3
221	Type 2 myocardial infarction and myocardial injury: eligibility for novel medical therapy to derisk clinical trials. <i>Open Heart</i> , 2021 , 8,	3	1
220	Meta-analyses of moving targets. <i>European Heart Journal</i> , 2021 , 42, 2655-2656	9.5	4
219	What an Interventionalist Needs to Know About MI with Non-obstructive Coronary Arteries. <i>Interventional Cardiology Review</i> , 2021 , 16, e10	4.2	2
218	Remote history of VTE is associated with severe COVID-19 in middle and older age: UK Biobank cohort study. <i>Journal of Thrombosis and Haemostasis</i> , 2021 , 19, 2533-2538	15.4	1
217	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
216	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
215	Vascular effects of serelaxin in patients with stable coronary artery disease: a randomized placebo-controlled trial. <i>Cardiovascular Research</i> , 2021 , 117, 320-329	9.9	0
214	Cost-effectiveness of cardiovascular imaging for stable coronary heart disease. <i>Heart</i> , 2021 , 107, 381-388.	8.1	4
213	Clinical significance of coronavirus disease 2019 in hospitalized patients with myocardial injury. <i>Clinical Cardiology</i> , 2021 , 44, 332-339	3.3	4
212	Automated Segmental Analysis of Fully Quantitative Myocardial Blood Flow Maps by First-Pass Perfusion Cardiovascular Magnetic Resonance. <i>IEEE Access</i> , 2021 , 9, 52796-52811	3.5	2
211	Effect of coronary flow on intracoronary alteplase: a prespecified analysis from a randomised trial. <i>Heart</i> , 2021 ,	5.1	2

210	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
209	Apparent growth tensor of left ventricular post myocardial infarction - In human first natural history study. <i>Computers in Biology and Medicine</i> , 2021 , 129, 104168	7	2
208	Global longitudinal strain by feature-tracking cardiovascular magnetic resonance imaging predicts mortality in patients with end-stage kidney disease. <i>CKJ: Clinical Kidney Journal</i> , 2021 , 14, 2187-2196	4.5	0
207	A poroelastic immersed finite element framework for modelling cardiac perfusion and fluid-structure interaction. <i>International Journal for Numerical Methods in Biomedical Engineering</i> , 2021 , 37, e3446	2.6	2
206	Percutaneous coronary intervention and 30-day unplanned readmission with chest pain in the United States (Nationwide Readmissions Database). <i>Clinical Cardiology</i> , 2021 , 44, 291-306	3.3	0
205	Predictors of Microvascular Reperfusion After Myocardial Infarction. <i>Current Cardiology Reports</i> , 2021 , 23, 21	4.2	1
204	Regional variation in cardiovascular magnetic resonance service delivery across the UK. <i>Heart</i> , 2021 , 107, 1974-1979	5.1	2
203	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
202	The role of a comprehensive two-step diagnostic evaluation to unravel the pathophysiology of MINOCA: A review. <i>International Journal of Cardiology</i> , 2021 , 336, 1-7	3.2	2
201	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
200	Neural network-based left ventricle geometry prediction from CMR images with application in biomechanics. <i>Artificial Intelligence in Medicine</i> , 2021 , 119, 102140	7.4	2
199	Safety of Selective Intracoronary Hypothermia During Primary Percutaneous Coronary Intervention in Patients With Anterior STEMI. <i>JACC: Cardiovascular Interventions</i> , 2021 , 14, 2047-2055	5	1
198	Thromboembolic Risk in Hospitalized and Nonhospitalized COVID-19 Patients: A Self-Controlled Case Series Analysis of a Nationwide Cohort. <i>Mayo Clinic Proceedings</i> , 2021 , 96, 2587-2597	6.4	9
197	The Full Revasc (Ffr-guidance for complete non-culprit REVASCularization) Registry-based randomized clinical trial. <i>American Heart Journal</i> , 2021 , 241, 92-100	4.9	1
196	Study protocol for COVID-RV: a multicentre prospective observational cohort study of right ventricular dysfunction in ventilated patients with COVID-19. <i>BMJ Open</i> , 2021 , 11, e042098	3	1
195	What an Interventionalist Needs to Know About INOCA.. <i>Interventional Cardiology Review</i> , 2021 , 16, e324.2	4.2	1
194	Effect of the 2017 European Guidelines on Reclassification of Severe Aortic Stenosis and Its Influence on Management Decisions for Initially Asymptomatic Aortic Stenosis. <i>Circulation: Cardiovascular Imaging</i> , 2020 , 13, e011763	3.9	2
193	Cardiotoxicity and myocardial hypoperfusion associated with anti-vascular endothelial growth factor therapies: prospective cardiac magnetic resonance imaging in patients with cancer. <i>European Journal of Heart Failure</i> , 2020 , 22, 1276-1277	12.3	6

192	Comparative Significance of Invasive Measures of Microvascular Injury in Acute Myocardial Infarction. <i>Circulation: Cardiovascular Interventions</i> , 2020 , 13, e008505	6	13
191	Low-Dose Alteplase During Primary Percutaneous Coronary Intervention According to Ischemic Time. <i>Journal of the American College of Cardiology</i> , 2020 , 75, 1406-1421	15.1	8
190	A global registry of fractional flow reserve (FFR)-guided management during routine care: Study design, baseline characteristics and outcomes of invasive management. <i>Catheterization and Cardiovascular Interventions</i> , 2020 , 96, E423-E431	2.7	2
189	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
188	A randomized controlled trial of a physiology-guided percutaneous coronary intervention optimization strategy: Rationale and design of the TARGET FFR study. <i>Clinical Cardiology</i> , 2020 , 43, 414-422	2.2	7
187	Commentary - The ISCHEMIA trial. <i>International Journal of Cardiology</i> , 2020 , 304, 1-4	3.2	4
186	One-Year Outcomes After Low-Dose Intracoronary Alteplase During Primary Percutaneous Coronary Intervention: The T-TIME Randomized Trial. <i>Circulation: Cardiovascular Interventions</i> , 2020 , 13, e008855	6	3
185	Treatment of coronary microvascular dysfunction. <i>Cardiovascular Research</i> , 2020 , 116, 856-870	9.9	51
184	Angina: contemporary diagnosis and management. <i>Heart</i> , 2020 , 106, 387-398	5.1	8
183	Genetic dysregulation of endothelin-1 is implicated in coronary microvascular dysfunction. <i>European Heart Journal</i> , 2020 , 41, 3239-3252	9.5	29
182	Effects of Intracoronary Alteplase on Microvascular Function in Acute Myocardial Infarction. <i>Journal of the American Heart Association</i> , 2020 , 9, e014066	6	7
181	Immediate vs Delayed Stenting in ST-Elevation Myocardial Infarction: Rationale and Design of the International PRIMACY Bayesian Randomized Controlled Trial. <i>Canadian Journal of Cardiology</i> , 2020 , 36, 1805-1814	3.8	3
180	ISCHEMIA: new questions from a landmark trial. <i>Cardiovascular Research</i> , 2020 , 116, e23-e25	9.9	3
179	Coronary microvascular dysfunction in Cardiovascular Research: Time to turn on the spotlight!. <i>European Heart Journal</i> , 2020 , 41, 612-613	9.5	1
178	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
177	Analysis of Cardiac Amyloidosis Progression Using Model-Based Markers. <i>Frontiers in Physiology</i> , 2020 , 11, 324	4.6	2
176	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, e040402	3.4	45
175	Low-dose intracoronary alteplase during primary percutaneous coronary intervention in patients with acute myocardial infarction: the T-TIME three-arm RCT. <i>Efficacy and Mechanism Evaluation</i> , 2020 , 7, 1-86	1.7	

174	International prospective cohort study of microvascular angina - Rationale and design. <i>IJC Heart and Vasculature</i> , 2020 , 31, 100630	2.4	2
173	1-Year Outcomes of Angina Management Guided by Invasive Coronary Function Testing (CorMicA). <i>JACC: Cardiovascular Interventions</i> , 2020 , 13, 33-45	5	55
172	Pathophysiology and diagnosis of coronary microvascular dysfunction in ST-elevation myocardial infarction. <i>Cardiovascular Research</i> , 2020 , 116, 787-805	9.9	36
171	Fractional Flow Reserve Derived from Computed Tomography Coronary Angiography in the Assessment and Management of Stable Chest Pain: Rationale and Design of the FORECAST Trial. <i>Cardiovascular Revascularization Medicine</i> , 2020 , 21, 890-896	1.6	7
170	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
169	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
168	Pilot study of the multicentre DISCHARGE Trial: image quality and protocol adherence results of computed tomography and invasive coronary angiography. <i>European Radiology</i> , 2020 , 30, 1997-2009	8	2
167	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
166	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
165	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
164	Bias and Loss to Follow-Up in Cardiovascular Randomized Trials: A Systematic Review. <i>Journal of the American Heart Association</i> , 2020 , 9, e015361	6	2
163	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
162	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
161	Chest pain without obstructive coronary artery disease: a case series. <i>European Heart Journal - Case Reports</i> , 2020 , 4, 1-6	0.9	1
160	Cardiac Imaging in the Post-ISCHEMIA Trial Era: A Multisociety Viewpoint. <i>JACC: Cardiovascular Imaging</i> , 2020 , 13, 1815-1833	8.4	10
159	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
158	Redefining Adverse and Reverse Left Ventricular Remodeling by Cardiovascular Magnetic Resonance Following ST-Segment-Elevation Myocardial Infarction and Their Implications on Long-Term Prognosis. <i>Circulation: Cardiovascular Imaging</i> , 2020 , 13, e009937	3.9	5
157	Displacement Encoding With Stimulated Echoes Enables the Identification of Infarct Transmurality Early Postmyocardial Infarction. <i>Journal of Magnetic Resonance Imaging</i> , 2020 , 52, 1722-1731	5.6	1

156	Pooled Analysis of Bleeding, Major Adverse Cardiovascular Events, and All-Cause Mortality in Clinical Trials of Time-Constrained Dual-Antiplatelet Therapy After Percutaneous Coronary Intervention. <i>Journal of the American Heart Association</i> , 2020 , 9, e017109	6	6
155	The European Heart Journal: leading the fight to reduce the global burden of cardiovascular disease. <i>European Heart Journal</i> , 2020 , 41, 3113-3116	9.5	2
154	High-Sensitivity Cardiac Troponin and the Universal Definition of Myocardial Infarction. <i>Circulation</i> , 2020 , 141, 161-171	16.7	61
153	Sex differences in procedural and clinical outcomes following rotational atherectomy. <i>Catheterization and Cardiovascular Interventions</i> , 2020 , 95, 232-241	2.7	12
152	Healthcare disparities for women hospitalized with myocardial infarction and angina. <i>European Heart Journal Quality of Care & Clinical Outcomes</i> , 2020 , 6, 156-165	4.6	7
151	Percutaneous coronary intervention versus medical therapy in patients with angina and grey-zone fractional flow reserve values: a randomised clinical trial. <i>Heart</i> , 2020 , 106, 758-764	5.1	4
150	Acute micro-coronary syndrome: detailed coronary physiology in a patient with Takotsubo cardiomyopathy. <i>BMJ Case Reports</i> , 2019 , 12,	0.9	2
149	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
148	Scientific Business Abstracts of the 113th Annual Meeting of the Association of Physicians of Great Britain and Ireland. <i>QJM - Monthly Journal of the Association of Physicians</i> , 2019 , 112, 724-729	2.7	1
147	Predictors of segmental myocardial functional recovery in patients after an acute ST-Elevation myocardial infarction. <i>European Journal of Radiology</i> , 2019 , 112, 121-129	4.7	10
146	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
145	Magnetic Resonance Perfusion or Fractional Flow Reserve in Coronary Disease. <i>New England Journal of Medicine</i> , 2019 , 380, 2418-2428	59.2	184
144	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
143	Sex-based associations with microvascular injury and outcomes after ST-segment elevation myocardial infarction. <i>Open Heart</i> , 2019 , 6, e000979	3	5
142	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
141	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	5	15
140	Cardiovascular health technology assessment: recommendations to improve the quality of evidence. <i>Open Heart</i> , 2019 , 6, e000930	3	1
139	Primary graft dysfunction after heart transplantation: a thorn amongst the roses. <i>Heart Failure Reviews</i> , 2019 , 24, 805-820	5	30

138	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
137	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
136	Mechanical circulatory support for refractory cardiogenic shock post-acute myocardial infarction-a decade of lessons. <i>Journal of Thoracic Disease</i> , 2019 , 11, 542-548	2.6	2
135	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
134	ISHLT Primary Graft Dysfunction Incidence, Risk Factors, and Outcome: A UK National Study. <i>Transplantation</i> , 2019 , 103, 336-343	1.8	43
133	Cessation of dual antiplatelet therapy and cardiovascular events following acute coronary syndrome. <i>Heart</i> , 2019 , 105, 67-74	5.1	4
132	Diagnosis of patients with angina and non-obstructive coronary disease in the catheter laboratory. <i>Heart</i> , 2019 , 105, 1536-1542	5.1	29
131	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
130	PREDICTA: A Model to Predict Primary Graft Dysfunction After Adult Heart Transplantation in the United Kingdom. <i>Journal of Cardiac Failure</i> , 2019 , 25, 971-977	3.3	8
129	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
128	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
127	Optimized Treatment of ST-Elevation Myocardial Infarction. <i>Circulation Research</i> , 2019 , 125, 245-258	15.7	62
126	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
125	Fast parameter inference in a biomechanical model of the left ventricle by using statistical emulation. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2019 , 68, 1555-1576	1.5	8
124	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
123	Failed myocardial reperfusion during primary PCI: an unmet therapeutic need. <i>EuroIntervention</i> , 2019 , 14, 1628-1630	3.1	4
122	Post-operative myocardial infarction following aortic root surgery with coronary reimplantation: a case series treated with percutaneous coronary intervention. <i>European Heart Journal - Case Reports</i> , 2019 , 3, 1-6	0.9	0
121	Efficacy and Safety of Low-Dose Colchicine after Myocardial Infarction. <i>New England Journal of Medicine</i> , 2019 , 381, 2497-2505	59.2	861

120	Ischemia and No Obstructive Coronary Artery Disease: Prevalence and Correlates of Coronary Vasomotion Disorders. <i>Circulation: Cardiovascular Interventions</i> , 2019 , 12, e008126	6	39
119	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
118	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
117	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
116	MINOCA: Requirement for Definitive Diagnostic Work-Up. <i>Heart Lung and Circulation</i> , 2019 , 28, e4-e6	1.8	1
115	Linking hospital patient records for suspected or established acute coronary syndrome in a complex secondary care system: a proof-of-concept e-registry in National Health Service Scotland. <i>European Heart Journal Quality of Care & Clinical Outcomes</i> , 2018 , 4, 155-167	4.6	7
114	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
113	Intravascular ultrasound assessment of the effects of rotational atherectomy in calcified coronary artery lesions. <i>International Journal of Cardiovascular Imaging</i> , 2018 , 34, 1365-1371	2.5	9
112	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
111	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
110	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
109	Arterial Access for Invasive Coronary Angiography: The Left Backhanders. <i>Heart Lung and Circulation</i> , 2018 , 27, e98-e99	1.8	1
108	Coronary Microvascular Dysfunction: Assessment of Both Structure and Function. <i>Journal of the American College of Cardiology</i> , 2018 , 72, 584-586	15.1	9
107	Sex Differences in Adenosine-Free Coronary Pressure Indexes: A CONTRAST Substudy. <i>JACC: Cardiovascular Interventions</i> , 2018 , 11, 1454-1463	5	5
106	Prevention of Coronary Microvascular Obstruction by Addressing Distal Embolization 2018 , 237-253		
105	Hypertension, Microvascular Pathology, and Prognosis After an Acute Myocardial Infarction. <i>Hypertension</i> , 2018 , 72, 720-730	8.5	14
104	Coronary CT Angiography and 5-Year Risk of Myocardial Infarction. <i>New England Journal of Medicine</i> , 2018 , 379, 924-933	59.2	471
103	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

102	Stable coronary syndromes: pathophysiology, diagnostic advances and therapeutic need. <i>Heart</i> , 2018 , 104, 284-292	5.1	61
101	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
100	Advances in computational modelling for personalised medicine after myocardial infarction. <i>Heart</i> , 2018 , 104, 550-557	5.1	27
99	Is it important to differentiate between peri-procedural myocardial injury and persistent myocardial scar?. <i>Journal of Thoracic Disease</i> , 2018 , 10, E830-E831	2.6	
98	Rationale and design of the Coronary Microvascular Angina Cardiac Magnetic Resonance Imaging (CorCMR) diagnostic study: the CorMicA CMR sub-study. <i>Open Heart</i> , 2018 , 5, e000924	3	9
97	Systemic microvascular dysfunction in microvascular and vasospastic angina. <i>European Heart Journal</i> , 2018 , 39, 4086-4097	9.5	83
96	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
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