Colin Berry MBChB

List of Publications by Year
in descending order

280 papers	17,894 citations	13865 67 h-index	16183 124 g-index
290 all docs	290 docs citations	290 times ranked	17594 citing authors

#	Article	IF	Citations
1	Invasive coronary physiology in patients with angina and non-obstructive coronary artery disease: a consensus document from the coronary microvascular dysfunction workstream of the British Heart Foundation/National Institute for Health Research Partnership. Heart, 2023, 109, 88-95.	2.9	26
2	COVID-19 and its cardiovascular effects: a systematic review of prevalence studies. The Cochrane Library, 2022, 2022, CD013879.	2.8	66
3	What Is the Role of Assessing Ischemia to Optimize Therapy and Outcomes for Patients with Stable Angina and Non-obstructed Coronary Arteries?. Cardiovascular Drugs and Therapy, 2022, 36, 1027-1038.	2.6	2
4	Inhibition of myocardial cathepsin-L release during reperfusion following myocardial infarction improves cardiac function and reduces infarct size. Cardiovascular Research, 2022, 118, 1535-1547.	3.8	6
5	Intramyocardial Hemorrhage. Journal of the American College of Cardiology, 2022, 79, 49-51.	2.8	5
6	A Noncontrast CMR Risk Score for Long-Term Risk Stratification in Reperfused ST-Segment Elevation Myocardial Infarction. JACC: Cardiovascular Imaging, 2022, 15, 431-440.	5.3	8
7	Post-COVID-19 illness trajectory in community patients: mostly reassuring results. European Heart Journal, 2022, 43, 1138-1140.	2.2	2
8	Is Platelet Reactivity a Therapeutic Target to Limit Microvascular Obstruction?. Journal of the American Heart Association, 2022, 11, e024930.	3.7	0
9	OUP accepted manuscript. European Heart Journal, 2022, , .	2.2	3
10	Coronary Arterial Function and Disease in Women With No Obstructive Coronary Arteries. Circulation Research, 2022, 130, 529-551.	4.5	29
11	Personalizing the Competing RisksÂforÂThrombotic and Bleeding EventsÂin Ischemia With NonobstructedÂCoronary Arteries. JACC: Cardiovascular Interventions, 2022, 15, 440-442.	2.9	0
12	Interventional Diagnostic Procedure: a Practical Guide for the Assessment of Coronary Vascular Function. Journal of Visualized Experiments, 2022, , .	0.3	0
13	CT or Invasive Coronary Angiography in Stable Chest Pain. New England Journal of Medicine, 2022, 386, 1591-1602.	27.0	144
14	High-sensitivity cardiac troponin and the diagnosis of myocardial infarction in patients with kidney impairment. Kidney International, 2022, 102, 149-159.	5.2	9
15	Mechanistic study of the effect of Endothelin SNPs in microvascular angina â€“ Protocol of the PRIZE Endothelin Sub-Study. IJC Heart and Vasculature, 2022, 39, 100980.	1.1	2
16	Prevalence of Coronary Microvascular Disease and Coronary Vasospasm in Patients With Nonobstructive Coronary Artery Disease: Systematic Review and Metaâ€Analysis. Journal of the American Heart Association, 2022, 11, e023207.	3.7	54
17	The British Cardiovascular Society and clinical studies in ischaemic heart disease: from RITA to ORBITA, and beyond. Heart, 2022, 108, 800-806.	2.9	0
18	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. BMJ Open, 2022, 12, e055878.	1.9	2

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19	Definition and epidemiology of coronary microvascular disease. Journal of Nuclear Cardiology, 2022, 29, 1763-1775.	2.1	15
20	A multisystem, cardio-renal investigation of post-COVID-19 illness. Nature Medicine, 2022, 28, 1303-1313.	30.7	39
21	Coronary physiological assessment in the catheter laboratory: haemodynamics, clinical assessment and future perspectives. Heart, 2022, 108, 1737-1746.	2.9	7
22	Microvascular Dysfunction in HeartÂFailure With Preserved EjectionÂFraction. JACC: Cardiovascular Imaging, 2022, 15, 1012-1014.	5.3	5
23	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). Circulation, 2021, 143, 516-525.	1.6	237
24	Vascular effects of serelaxin in patients with stable coronary artery disease: a randomized placebo-controlled trial. Cardiovascular Research, 2021, 117, 320-329.	3.8	3
25	Cost-effectiveness of cardiovascular imaging for stable coronary heart disease. Heart, 2021, 107, 381-388.	2.9	12
26	Clinical significance of coronavirus disease 2019 in hospitalized patients with myocardial injury. Clinical Cardiology, 2021, 44, 332-339.	1.8	8
27	Automated Segmental Analysis of Fully Quantitative Myocardial Blood Flow Maps by First-Pass Perfusion Cardiovascular Magnetic Resonance. IEEE Access, 2021, 9, 52796-52811.	4.2	11
28	Effect of coronary flow on intracoronary alteplase: a prespecified analysis from a randomised trial. Heart, 2021, 107, 299-312.	2.9	6
29	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. EuroIntervention, 2021, 16, 1049-1069.	3.2	90
30	Apparent growth tensor of left ventricular post myocardial infarction â€“ In human first natural history study. Computers in Biology and Medicine, 2021, 129, 104168.	7.0	7
31	Global longitudinal strain by feature-tracking cardiovascular magnetic resonance imagingÂpredicts mortality in patients with end-stage kidney disease. CKJ: Clinical Kidney Journal, 2021, 14, 2187-2196.	2.9	3
32	A poroelastic immersed finite element framework for modelling cardiac perfusion and fluidâ€“structure interaction. International Journal for Numerical Methods in Biomedical Engineering, 2021, 37, e3446.	2.1	5
33	Percutaneous coronary intervention and 30â€day unplanned readmission with chest pain in the United States (Nationwide Readmissions Database). Clinical Cardiology, 2021, 44, 291-306.	1.8	3
34	Predictors of Microvascular Reperfusion After Myocardial Infarction. Current Cardiology Reports, 2021, 23, 21.	2.9	5
35	Regional variation in cardiovascular magnetic resonance service delivery across the UK. Heart, 2021, 107, 1974-1979.	2.9	21
36	What is the recovery rate and risk of long-term consequences following a diagnosis of COVID-19? A harmonised, global longitudinal observational study protocol. BMJ Open, 2021, 11, e043887.	1.9	51

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37	Pharmacogenomics of the Efficacy and Safety of Colchicine in COLCOT. Circulation Genomic and Precision Medicine, 2021, 14, e003183.	3.6	7
38	The Health Economics of Ischemia With Nonobstructive Coronary Arteries. JACC: Cardiovascular Imaging, 2021, 14, 1380-1383.	5.3	2
39	International Prospective Registry of Acute Coronary Syndromes in Patients With COVID-19. Journal of the American College of Cardiology, 2021, 77, 2466-2476.	2.8	78
40	Clinical characteristics and prognosis of patients with microvascular angina: an international and prospective cohort study by the Coronary Vasomotor Disorders International Study (COVADIS) Group. European Heart Journal, 2021, 42, 4592-4600.	2.2	84
41	Cardiovascular Complications Are Uncommon in Healthcare WorkersÂWith Mild or Asymptomatic COVID-19 Infection. JACC: Cardiovascular Imaging, 2021, 14, 2167-2169.	5.3	4
42	Demographic, multi-morbidity and genetic impact on myocardial involvement and its recovery from COVID-19: protocol design of COVID-HEARTâ€"a UK, multicentre, observational study. Journal of Cardiovascular Magnetic Resonance, 2021, 23, 77.	3.3	14
43	Thermodilution-derived temperature recovery time: a novel predictor of microvascular reperfusion and prognosis after myocardial infarction. EuroIntervention, 2021, 17, 220-228.	3.2	6
44	High-Sensitivity Cardiac Troponin on Presentation to Rule Out Myocardial Infarction: A Stepped-Wedge Cluster Randomized Controlled Trial. Circulation, 2021, 143, 2214-2224.	1.6	80
45	Cardiovascular and Renal Risk Factors and Complications Associated With COVID-19. CJC Open, 2021, 3, 1257-1272.	1.5	18
46	Type 2 myocardial infarction and myocardial injury: eligibility for novel medical therapy to derisk clinical trials. Open Heart, 2021, 8, e001633.	2.3	1
47	Meta-analyses of moving targets. European Heart Journal, 2021, 42, 2655-2656.	2.2	4
48	What an Interventionalist Needs to Know About MI with Non-obstructive Coronary Arteries. Interventional Cardiology Review, 2021, 16, e10.	1.6	9
49	Remote history of VTE is associated with severe COVIDâ€19 in middle and older age: UK Biobank cohort study. Journal of Thrombosis and Haemostasis, 2021, 19, 2533-2538.	3.8	5
50	Post-stenting fractional flow reserve vs coronary angiography for optimization of percutaneous coronary intervention (TARGET-FFR). European Heart Journal, 2021, 42, 4656-4668.	2.2	79
51	Fractional flow reserve derived from computed tomography coronary angiography in the assessment and management of stable chest pain: the FORECAST randomized trial. European Heart Journal, 2021, 42, 3844-3852.	2.2	74
52	The role of a comprehensive two-step diagnostic evaluation to unravel the pathophysiology of MINOCA: A review. International Journal of Cardiology, 2021, 336, 1-7.	1.7	16
53	Long Covid in adults discharged from UK hospitals after Covid-19: A prospective, multicentre cohort study using the ISARIC WHO Clinical Characterisation Protocol. Lancet Regional Health - Europe, The, 2021, 8, 100186.	5.6	191
54	Neural network-based left ventricle geometry prediction from CMR images with application in biomechanics. Artificial Intelligence in Medicine, 2021, 119, 102140.	6.5	10

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55	Safety of Selective Intracoronary Hypothermia During Primary Percutaneous Coronary Intervention in Patients With Anterior STEMI. JACC: Cardiovascular Interventions, 2021, 14, 2047-2055.	2.9	15
56	Thromboembolic Risk in Hospitalized and Nonhospitalized COVID-19 Patients. Mayo Clinic Proceedings, 2021, 96, 2587-2597.	3.0	51
57	The Full Revasc (Ffr-gUidance for compLete non-cuLprit REVASCularization) Registry-based randomized clinical trial. American Heart Journal, 2021, 241, 92-100.	2.7	4
58	Study protocol for COVID-RV: a multicentre prospective observational cohort study of right ventricular dysfunction in ventilated patients with COVID-19. BMJ Open, 2021, 11, e042098.	1.9	10
59	Risk Stratification Guided by the Index of Microcirculatory Resistance and Left Ventricular End-Diastolic Pressure in Acute Myocardial Infarction. Circulation: Cardiovascular Interventions, 2021, 14, e009529.	3.9	8
60	Clinical Characteristics, Management Strategies, and Outcomes of Nonâ€“STâ€Šsegmentâ€“Elevation Myocardial Infarction Patients With and Without Prior Coronary Artery Bypass Grafting. Journal of the American Heart Association, 2021, 10, e018823.	3.7	6
61	Strengths and limitations of meta-analyses. European Heart Journal, 2021, , .	2.2	1
62	Invasive versus medically managed acute coronary syndromes with prior bypass (CABG-ACS): insights into the registry versus randomised trial populations. Open Heart, 2021, 8, .	2.3	1
63	Invasive versus medically managed acute coronary syndromes with prior bypass (CABG-ACS): insights into the registry versus randomised trial populations. Open Heart, 2021, 8, e001453.	2.3	2
64	Myocardial changes on 3T cardiovascular magnetic resonance imaging in response to haemodialysis with fluid removal. Journal of Cardiovascular Magnetic Resonance, 2021, 23, 125.	3.3	9
65	Cardiovascular outcomes of glucose lowering therapy in chronic kidney disease patients: a systematic review with meta-analysis. Reviews in Cardiovascular Medicine, 2021, 22, 1479.	1.4	1
66	What an Interventionalist Needs to Know About INOCA. Interventional Cardiology Review, 2021, 16, e32.	1.6	3
67	The Future of Cardiac Magnetic Resonance Clinical Trials. JACC: Cardiovascular Imaging, 2021, , .	5.3	6
68	High-Sensitivity Cardiac Troponin and the Universal Definition of Myocardial Infarction. Circulation, 2020, 141, 161-171.	1.6	124
69	Sex differences in procedural and clinical outcomes following rotational atherectomy. Catheterization and Cardiovascular Interventions, 2020, 95, 232-241.	1.7	24
70	Healthcare disparities for women hospitalized with myocardial infarction and angina. European Heart Journal Quality of Care & Clinical Outcomes, 2020, 6, 156-165.	4.0	16
71	1-Year Outcomes of Angina Management Guided by Invasive Coronary Function Testing (CorMicA). JACC: Cardiovascular Interventions, 2020, 13, 33-45.	2.9	141
72	Pathophysiology and diagnosis of coronary microvascular dysfunction in ST-elevation myocardial infarction. Cardiovascular Research, 2020, 116, 787-805.	3.8	119

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73	Human Microcirculation in Ischemic Heart Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, 11-13.	2.4	2
74	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. Cardiovascular Revascularization Medicine, 2020, 21, 890-896.	0.8	13
75	Sex associations and computed tomography coronary angiography-guided management in patients with stable chest pain. European Heart Journal, 2020, 41, 1337-1345.	2.2	28
76	Rationale and design of the British Heart Foundation (BHF) Coronary Microvascular Function and CT Coronary Angiogram (CorCTCA) study. American Heart Journal, 2020, 221, 48-59.	2.7	27
77	Pilot study of the multicentre DISCHARGE Trial: image quality and protocol adherence results of computed tomography and invasive coronary angiography. European Radiology, 2020, 30, 1997-2009.	4.5	3
78	Chronic infarct size after spontaneous coronary artery dissection: implications for pathophysiology and clinical management. European Heart Journal, 2020, 41, 2197-2205.	2.2	35
79	Monitoring indirect impact of COVID-19 pandemic on services for cardiovascular diseases in the UK. Heart, 2020, 106, 1890-1897.	2.9	90
80	Assessment of Vascular Dysfunction inÂPatients Without Obstructive CoronaryÂArtery Disease. JACC: Cardiovascular Interventions, 2020, 13, 1847-1864.	2.9	105
81	Bias and Loss to Followâ€Up in Cardiovascular Randomized Trials: A Systematic Review. Journal of the American Heart Association, 2020, 9, e015361.	3.7	7
82	BMI and future risk for COVID-19 infection and death across sex, age and ethnicity: Preliminary findings from UK biobank. Diabetes and Metabolic Syndrome: Clinical Research and Reviews, 2020, 14, 1149-1151.	3.6	83
83	Rationale and design of the Medical Research Council's Precision Medicine with Zibotentan in Microvascular Angina (PRIZE) trial. American Heart Journal, 2020, 229, 70-80.	2.7	40
84	Chest pain without obstructive coronary artery disease: a case series. European Heart Journal - Case Reports, 2020, 4, 1-6.	0.6	2
85	Cardiac Imaging in the Post-ISCHEMIA Trial Era. JACC: Cardiovascular Imaging, 2020, 13, 1815-1833.	5.3	21
86	The Chief Scientist Office Cardiovascular and Pulmonary Imaging in SARS Coronavirus disease-19 (CISCO-19) study. Cardiovascular Research, 2020, 116, 2185-2196.	3.8	31
87	Redefining Adverse and Reverse Left Ventricular Remodeling by Cardiovascular Magnetic Resonance Following ST-Segmentâ€“Elevation Myocardial Infarction and Their Implications on Long-Term Prognosis. Circulation: Cardiovascular Imaging, 2020, 13, e009937.	2.6	24
88	Displacement Encoding With Stimulated Echoes Enables the Identification of Infarct Transmurality Early Postmyocardial Infarction. Journal of Magnetic Resonance Imaging, 2020, 52, 1722-1731.	3.4	3
89	Pooled Analysis of Bleeding, Major Adverse Cardiovascular Events, and Allâ€Cause Mortality in Clinical Trials of Timeâ€Constrained Dualâ€Antiplatelet Therapy After Percutaneous Coronary Intervention. Journal of the American Heart Association, 2020, 9, e017109.	3.7	8
90	Time-to-treatment initiation of colchicine and cardiovascular outcomes after myocardial infarction in the Colchicine Cardiovascular Outcomes Trial (COLCOT). European Heart Journal, 2020, 41, 4092-4099.	2.2	174

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91	The European Heart Journal: leading the fight to reduce the global burden of cardiovascular disease. European Heart Journal, 2020, 41, 3113-3116.	2.2	6
92	Effect of the 2017 European Guidelines on Reclassification of Severe Aortic Stenosis and Its Influence on Management Decisions for Initially Asymptomatic Aortic Stenosis. Circulation: Cardiovascular Imaging, 2020, 13, e011763.	2.6	5
93	Cardiotoxicity and myocardial hypoperfusion associated with antiâ€vascular endothelial growth factor therapies: prospective cardiac magnetic resonance imaging in patients with cancer. European Journal of Heart Failure, 2020, 22, 1276-1277.	7.1	12
94	Comparative Significance of Invasive Measures of Microvascular Injury in Acute Myocardial Infarction. Circulation: Cardiovascular Interventions, 2020, 13, e008505.	3.9	37
95	Coronary microvascular disease: the next frontier for Cardiovascular Research. Cardiovascular Research, 2020, 116, 737-740.	3.8	13
96	Low-Dose Alteplase During Primary Percutaneous Coronary Intervention According to Ischemic Time. Journal of the American College of Cardiology, 2020, 75, 1406-1421.	2.8	16
97	A global registry of fractional flow reserve (FFR)â€“guided management during routine care: Study design, baseline characteristics and outcomes of invasive management. Catheterization and Cardiovascular Interventions, 2020, 96, E423-E431.	1.7	3
98	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. European Heart Journal, 2020, 41, 3504-3520.	2.2	385
99	A randomized controlled trial of a physiologyâ€guided percutaneous coronary intervention optimization strategy: Rationale and design of the TARGET FFR study. Clinical Cardiology, 2020, 43, 414-422.	1.8	13
100	Commentary - The ISCHEMIA trial. International Journal of Cardiology, 2020, 304, 1-4.	1.7	7
101	One-Year Outcomes After Low-Dose Intracoronary Alteplase During Primary Percutaneous Coronary Intervention. Circulation: Cardiovascular Interventions, 2020, 13, e008855.	3.9	5
102	Treatment of coronary microvascular dysfunction. Cardiovascular Research, 2020, 116, 856-870.	3.8	114
103	Angina: contemporary diagnosis and management. Heart, 2020, 106, 387-398.	2.9	29
104	Genetic dysregulation of endothelin-1 is implicated in coronary microvascular dysfunction. European Heart Journal, 2020, 41, 3239-3252.	2.2	73
105	Effects of Intracoronary Alteplase on Microvascular Function in Acute Myocardial Infarction. Journal of the American Heart Association, 2020, 9, e014066.	3.7	11
106	Immediate vs Delayed Stenting in ST-Elevation Myocardial Infarction: Rationale and Design of the International PRIMACY Bayesian Randomized Controlled Trial. Canadian Journal of Cardiology, 2020, 36, 1805-1814.	1.7	10
107	ISCHEMIA: new questions from a landmark trial. Cardiovascular Research, 2020, 116, e23-e25.	3.8	4
108	Coronary microvascular dysfunction in Cardiovascular Research: Time to turn on the spotlight!. European Heart Journal, 2020, 41, 612-613.	2.2	1

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109	COVID-19 and the cardiovascular system: implications for risk assessment, diagnosis, and treatment options. Cardiovascular Research, 2020, 116, 1666-1687.	3.8	1,074
110	Analysis of Cardiac Amyloidosis Progression Using Model-Based Markers. Frontiers in Physiology, 2020, 11, 324.	2.8	3
111	Percutaneous coronary intervention versus medical therapy in patients with angina and grey-zone fractional flow reserve values: a randomised clinical trial. Heart, 2020, 106, 758-764.	2.9	13
112	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. BMJ Open, 2020, 10, e040402.	1.9	108
113	International prospective cohort study of microvascular angina â€“ Rationale and design. IJC Heart and Vasculature, 2020, 31, 100630.	1.1	6
114	Low-dose intracoronary alteplase during primary percutaneous coronary intervention in patients with acute myocardial infarction: the T-TIME three-arm RCT. Efficacy and Mechanism Evaluation, 2020, 7, 1-86.	0.7	0
115	Redefining successful primary PCI. European Heart Journal Cardiovascular Imaging, 2019, 20, 133-135.	1.2	18
116	Current Smoking and Prognosis AfterÂAcute ST-Segment Elevation MyocardialÂInfarction. JACC: Cardiovascular Imaging, 2019, 12, 993-1003.	5.3	46
117	ISHLT Primary Graft Dysfunction Incidence, Risk Factors, and Outcome: A UK National Study. Transplantation, 2019, 103, 336-343.	1.0	73
118	Cessation of dual antiplatelet therapy and cardiovascular events following acute coronary syndrome. Heart, 2019, 105, 67-74.	2.9	6
119	Diagnosis of patients with angina and non-obstructive coronary disease in the catheter laboratory. Heart, 2019, 105, 1536-1542.	2.9	53
120	Cardiac MRI Endpoints in MyocardialÂInfarction Experimental andÂClinicalÂTrials. Journal of the American College of Cardiology, 2019, 74, 238-256.	2.8	235
121	PREDICTA: A Model to Predict Primary Graft Dysfunction After Adult Heart Transplantation in the United Kingdom. Journal of Cardiac Failure, 2019, 25, 971-977.	1.7	13
122	Invasive Versus Medical Management in Patients With Prior Coronary Artery Bypass Surgery With a Non-ST Segment Elevation Acute Coronary Syndrome. Circulation: Cardiovascular Interventions, 2019, 12, e007830.	3.9	17
123	Gaussian process emulation to accelerate parameter estimation in a mechanical model of the left ventricle: a critical step towards clinical end-user relevance. Journal of the Royal Society Interface, 2019, 16, 20190114.	3.4	22
124	Optimized Treatment of ST-Elevation Myocardial Infarction. Circulation Research, 2019, 125, 245-258.	4.5	140
125	Guiding Therapy by Coronary CT Angiography Improves Outcomes in Patients With StableÂChest Pain. Journal of the American College of Cardiology, 2019, 74, 2058-2070.	2.8	99
126	Fast Parameter Inference in a Biomechanical Model of the Left Ventricle by Using Statistical Emulation. Journal of the Royal Statistical Society Series C: Applied Statistics, 2019, 68, 1555-1576.	1.0	16

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127	Sex-Specific Thresholds of High-Sensitivity Troponin in Patients With Suspected Acute Coronary Syndrome. Journal of the American College of Cardiology, 2019, 74, 2032-2043.	2.8	84
128	â€˜Acute micro-coronary syndromeâ€™: detailed coronary physiology in a patient with Takotsubo cardiomyopathy. BMJ Case Reports, 2019, 12, e229618.	0.5	5
129	High-Sensitivity Troponin and the Application of Risk Stratification Thresholds in Patients With Suspected Acute Coronary Syndrome. Circulation, 2019, 140, 1557-1568.	1.6	79
130	Scientific Business Abstracts of the 113th Annual Meeting of the Association of Physicians of Great Britain and Ireland. QJM - Monthly Journal of the Association of Physicians, 2019, 112, 724-729.	0.5	1
131	Predictors of segmental myocardial functional recovery in patients after an acute ST-Elevation myocardial infarction. European Journal of Radiology, 2019, 112, 121-129.	2.6	16
132	Predictive factors of discordance between the instantaneous waveâ€free ratio and fractional flow reserve. Catheterization and Cardiovascular Interventions, 2019, 94, 356-363.	1.7	49
133	Magnetic Resonance Perfusion or Fractional Flow Reserve in Coronary Disease. New England Journal of Medicine, 2019, 380, 2418-2428.	27.0	326
134	Conversation in cardiology: Is there a need for clinical trials for the nonhyperemic pressure ratios?. Catheterization and Cardiovascular Interventions, 2019, 94, 227-232.	1.7	4
135	How to Diagnose and Manage Angina Without Obstructive Coronary Artery Disease: Lessons from the British Heart Foundation CorMicA Trial. Interventional Cardiology Review, 2019, 14, 76-82.	1.6	50
136	Sex-based associations with microvascular injury and outcomes after ST-segment elevation myocardial infarction. Open Heart, 2019, 6, e000979.	2.3	7
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. Thrombosis and Haemostasis, 2019, 119, 1171-1181.	3.4	31
138	The Potential Use of the Index of Microcirculatory Resistance to Guide Stratification of Patients for Adjunctive Therapy in Acute Myocardial Infarction. JACC: Cardiovascular Interventions, 2019, 12, 951-966.	2.9	25
139	Cardiovascular health technology assessment: recommendations to improve the quality of evidence. Open Heart, 2019, 6, e000930.	2.3	1
140	Treating Multivessel Coronary Artery Disease in ST-Segment Elevation Myocardial Infarction. JACC: Cardiovascular Interventions, 2019, 12, 731-733.	2.9	0
141	Primary graft dysfunction after heart transplantation: a thorn amongst the roses. Heart Failure Reviews, 2019, 24, 805-820.	3.9	68
142	Diastolic pressure ratio: new approach and validation vs. the instantaneous wave-free ratio. European Heart Journal, 2019, 40, 2585-2594.	2.2	44
143	Feature-tracking myocardial strain in healthy adults- a magnetic resonance study at 3.0 tesla. Scientific Reports, 2019, 9, 3239.	3.3	37
144	Mechanical circulatory support for refractory cardiogenic shock post-acute myocardial infarctionâ€”a decade of lessons. Journal of Thoracic Disease, 2019, 11, 542-548.	1.4	3

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145	Post-operative myocardial infarction following aortic root surgery with coronary reimplantation: a case series treated with percutaneous coronary intervention. European Heart Journal - Case Reports, 2019, 3, 1-6.	0.6	4
146	Efficacy and Safety of Low-Dose Colchicine after Myocardial Infarction. New England Journal of Medicine, 2019, 381, 2497-2505.	27.0	1,696
147	Ischemia and No Obstructive Coronary Artery Disease. Circulation: Cardiovascular Interventions, 2019, 12, e008126.	3.9	107
148	Circumferential Strain Predicts Major Adverse Cardiovascular Events Following an Acute ST-Segmentâ€“Elevation Myocardial Infarction. Radiology, 2019, 290, 329-337.	7.3	32
149	Mechanisms and diagnostic evaluation of persistent or recurrent angina following percutaneous coronary revascularization. European Heart Journal, 2019, 40, 2455-2462.	2.2	85
150	Effect of Low-Dose Intracoronary Alteplase During Primary Percutaneous Coronary Intervention on Microvascular Obstruction in Patients With Acute Myocardial Infarction. JAMA - Journal of the American Medical Association, 2019, 321, 56.	7.4	88
151	MINOCA: Requirement for Definitive Diagnostic Work-Up. Heart Lung and Circulation, 2019, 28, e4-e6.	0.4	3
152	Contrast fractional flow reserve: Attractive alternative to non-hyperaemic pressure ratios for coronary disease evaluation. International Journal of Cardiology, 2019, 275, 46-47.	1.7	0
153	Impaired coronary flow reserve: a pre-requisite for coronary revascularization. Cardiovascular Research, 2019, 115, 4-5.	3.8	0
154	Failed myocardial reperfusion during primary PCI: an unmet therapeutic need. EuroIntervention, 2019, 14, 1628-1630.	3.2	4
155	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. European Heart Journal Quality of Care & Clinical Outcomes, 2018, 4, 155-167.	4.0	9
156	High-Sensitivity Cardiac Troponin I and the Diagnosis of Coronary Artery Disease in Patients With Suspected Angina Pectoris. Circulation: Cardiovascular Quality and Outcomes, 2018, 11, e004227.	2.2	41
157	Intravascular ultrasound assessment of the effects of rotational atherectomy in calcified coronary artery lesions. International Journal of Cardiovascular Imaging, 2018, 34, 1365-1371.	1.5	17
158	Rationale and design of the British Heart Foundation (BHF) Coronary Microvascular Angina (CorMicA) stratified medicine clinical trial. American Heart Journal, 2018, 201, 86-94.	2.7	22
159	Coronary microvascular dysfunction in patients with stable coronary artery disease: The CE-MARC 2 coronary physiology sub-study. International Journal of Cardiology, 2018, 266, 7-14.	1.7	41
160	Cardiovascular Magnetic Resonance in Acute ST-Segmentâ€“Elevation Myocardial Infarction. Circulation, 2018, 137, 1949-1964.	1.6	128
161	Arterial Access for Invasive Coronary Angiography: The â€˜Left Backhanderâ€™. Heart Lung and Circulation, 2018, 27, e98-e99.	0.4	2
162	How to Mend a Broken Heart?. JACC: Cardiovascular Imaging, 2018, 11, 420-422.	5.3	0

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163	Persistent Iron Within the Infarct CoreÂAfter ST-Segment Elevation Myocardial Infarction. JACC: Cardiovascular Imaging, 2018, 11, 1248-1256.	5.3	43
164	Advances in computational modelling for personalised medicine after myocardial infarction. Heart, 2018, 104, 550-557.	2.9	39
165	Reference invasive tests of microvascular injury in myocardial infarction. Heart, 2018, 104, 90-92.	2.9	3
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