

# Colin Berry

## 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.

221  
papers

11,493  
citations

54  
h-index

103  
g-index

250  
ext. papers

15,485  
ext. citations

7.6  
avg, IF

6.2  
L-index

#	Paper	IF	Citations
221	Efficacy and Safety of Low-Dose Colchicine after Myocardial Infarction. <i>New England Journal of Medicine</i> , <b>2019</b> , 381, 2497-2505	59.2	861
220	COVID-19 and the cardiovascular system: implications for risk assessment, diagnosis, and treatment options. <i>Cardiovascular Research</i> , <b>2020</b> , 116, 1666-1687	9.9	714
219	Randomized trial of preventive angioplasty in myocardial infarction. <i>New England Journal of Medicine</i> , <b>2013</b> , 369, 1115-23	59.2	657
218	Effects of reconstituted high-density lipoprotein infusions on coronary atherosclerosis: a randomized controlled trial. <i>JAMA - Journal of the American Medical Association</i> , <b>2007</b> , 297, 1675-82	27.4	560
217	Coronary CT Angiography and 5-Year Risk of Myocardial Infarction. <i>New England Journal of Medicine</i> , <b>2018</b> , 379, 924-933	59.2	471
216	Investigation into the sources of superoxide in human blood vessels: angiotensin II increases superoxide production in human internal mammary arteries. <i>Circulation</i> , <b>2000</b> , 101, 2206-12	16.7	266
215	Economics of chronic heart failure. <i>European Journal of Heart Failure</i> , <b>2001</b> , 3, 283-91	12.3	254
214	TGF- $\beta$ signaling mediates endothelial-to-mesenchymal transition (EndMT) during vein graft remodeling. <i>Science Translational Medicine</i> , <b>2014</b> , 6, 227ra34	17.5	241
213	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> , <b>2014</b> , 63, 1253-1261	15.1	229
212	Prognostic value of the Index of Microcirculatory Resistance measured after primary percutaneous coronary intervention. <i>Circulation</i> , <b>2013</b> , 127, 2436-41	16.7	215
211	Stratified Medical Therapy Using Invasive Coronary Function Testing in Angina: The CorMicA Trial. <i>Journal of the American College of Cardiology</i> , <b>2018</b> , 72, 2841-2855	15.1	208
210	Use of Coronary Computed Tomographic Angiography to Guide Management of Patients With Coronary Disease. <i>Journal of the American College of Cardiology</i> , <b>2016</b> , 67, 1759-1768	15.1	198
209	Magnetic Resonance Perfusion or Fractional Flow Reserve in Coronary Disease. <i>New England Journal of Medicine</i> , <b>2019</b> , 380, 2418-2428	59.2	184
208	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> , <b>2015</b> , 36, 100-11	9.5	174
207	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> , <b>2013</b> , 61, 1421-7	15.1	160
206	Adenosine: physiology, pharmacology, and clinical applications. <i>JACC: Cardiovascular Interventions</i> , <b>2014</b> , 7, 581-91	5	155
205	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> , <b>2014</b> , 63, 2088-2098	15.1	146

204	High-sensitivity troponin in the evaluation of patients with suspected acute coronary syndrome: a stepped-wedge, cluster-randomised controlled trial. <i>Lancet, The</i> , <b>2018</b> , 392, 919-928	40	144
203	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> , <b>2016</b> , 316, 1051-60	27.4	138
202	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> , <b>2010</b> , 3, 715-22	5	132
201	Gender and survival in patients with heart failure: interactions with diabetes and aetiology. Results from the MAGGIC individual patient meta-analysis. <i>European Journal of Heart Failure</i> , <b>2012</b> , 14, 473-9	12.3	119
200	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> , <b>2007</b> , 49, 631-42	15.1	112
199	Myocardial Hemorrhage After Acute Reperfused ST-Segment-Elevation Myocardial Infarction: Relation to Microvascular Obstruction and Prognostic Significance. <i>Circulation: Cardiovascular Imaging</i> , <b>2016</b> , 9, e004148	3.9	111
198	Oxidative stress and vascular damage in hypertension. <i>Current Opinion in Nephrology and Hypertension</i> , <b>2001</b> , 10, 247-55	3.5	109
197	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> , <b>2020</b> , 41, 3504-3520	9.5	106
196	Cardiac MRI Endpoints in Myocardial Infarction Experimental and Clinical Trials: JACC Scientific Expert Panel. <i>Journal of the American College of Cardiology</i> , <b>2019</b> , 74, 238-256	15.1	102
195	Importance of collateral circulation in coronary heart disease. <i>European Heart Journal</i> , <b>2007</b> , 28, 278-91	9.5	102
194	Comparison of Different Diastolic Resting Indexes to iFR: Are They All Equal?. <i>Journal of the American College of Cardiology</i> , <b>2017</b> , 70, 3088-3096	15.1	101
193	The prognostic significance of heart failure with preserved left ventricular ejection fraction: a literature-based meta-analysis. <i>European Journal of Heart Failure</i> , <b>2009</b> , 11, 855-62	12.3	99
192	Magnetic resonance imaging delineates the ischemic area at risk and myocardial salvage in patients with acute myocardial infarction. <i>Circulation: Cardiovascular Imaging</i> , <b>2010</b> , 3, 527-35	3.9	97
191	Continuum of Vasodilator Stress From Rest to Contrast Medium to Adenosine Hyperemia for Fractional Flow Reserve Assessment. <i>JACC: Cardiovascular Interventions</i> , <b>2016</b> , 9, 757-767	5	96
190	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> , <b>2016</b> , 134, 1833-1847	16.7	89
189	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> , <b>2011</b> , 4, 210-9	3.9	88
188	Validation of a novel non-hyperaemic index of coronary artery stenosis severity: the Resting Full-cycle Ratio (VALIDATE RFR) study. <i>EuroIntervention</i> , <b>2018</b> , 14, 806-814	3.1	88
187	Pathophysiology of LV Remodeling in Survivors of STEMI: Inflammation, Remote Myocardium, and Prognosis. <i>JACC: Cardiovascular Imaging</i> , <b>2015</b> , 8, 779-89	8.4	85

186	Aortic Wall Inflammation Predicts Abdominal Aortic Aneurysm Expansion, Rupture, and Need for Surgical Repair. <i>Circulation</i> , <b>2017</b> , 136, 787-797	16.7	85
185	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> , <b>2021</b> , 143, 516-525	16.7	85
184	Effects of urotensin II in human arteries and veins of varying caliber. <i>Circulation</i> , <b>2001</b> , 103, 1378-81	16.7	83
183	Systemic microvascular dysfunction in microvascular and vasospastic angina. <i>European Heart Journal</i> , <b>2018</b> , 39, 4086-4097	9.5	83
182	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> , <b>2016</b> , 37, 1044-59	9.5	81
181	Vasodilatory capacity of the coronary microcirculation is preserved in selected patients with non-ST-segment-elevation myocardial infarction. <i>Circulation: Cardiovascular Interventions</i> , <b>2013</b> , 6, 231-6 <sup>6</sup>		77
180	Cardiovascular Magnetic Resonance in Acute ST-Segment-Elevation Myocardial Infarction: Recent Advances, Controversies, and Future Directions. <i>Circulation</i> , <b>2018</b> , 137, 1949-1964	16.7	74
179	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> , <b>2016</b> , 5,	6	72
178	Defining myocardial tissue abnormalities in end-stage renal failure with cardiac magnetic resonance imaging using native T1 mapping. <i>Kidney International</i> , <b>2016</b> , 90, 845-52	9.9	70
177	Microvascular Resistance Predicts Myocardial Salvage and Infarct Characteristics in ST-Elevation Myocardial Infarction. <i>Journal of the American Heart Association</i> , <b>2012</b> , 1, e002246	6	66
176	Repeatability of Fractional Flow Reserve Despite Variations in Systemic and Coronary Hemodynamics. <i>JACC: Cardiovascular Interventions</i> , <b>2015</b> , 8, 1018-1027	5	64
175	Optimized Treatment of ST-Elevation Myocardial Infarction. <i>Circulation Research</i> , <b>2019</b> , 125, 245-258	15.7	62
174	Stable coronary syndromes: pathophysiology, diagnostic advances and therapeutic need. <i>Heart</i> , <b>2018</b> , 104, 284-292	5.1	61
173	High-Sensitivity Cardiac Troponin and the Universal Definition of Myocardial Infarction. <i>Circulation</i> , <b>2020</b> , 141, 161-171	16.7	61
172	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> , <b>2018</b> , 20, 67	6.9	61
171	Comparison of femoral bleeding complications after coronary angiography versus percutaneous coronary intervention. <i>American Journal of Cardiology</i> , <b>2004</b> , 94, 361-3	3	55
170	1-Year Outcomes of Angina Management Guided by Invasive Coronary Function Testing (CorMicA). <i>JACC: Cardiovascular Interventions</i> , <b>2020</b> , 13, 33-45	5	55
169	The Influence of Lesion Location on the Diagnostic Accuracy of Adenosine-Free Coronary Pressure Wire Measurements. <i>JACC: Cardiovascular Interventions</i> , <b>2016</b> , 9, 2390-2399	5	54

168	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> , <b>2019</b> , 321, 56-68	27.4	54
167	Surgical aspects of endovascular retrograde implantation of the aortic CoreValve bioprosthesis in high-risk older patients with severe symptomatic aortic stenosis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2007</b> , 134, 1150-6	1.5	52
166	Treatment of coronary microvascular dysfunction. <i>Cardiovascular Research</i> , <b>2020</b> , 116, 856-870	9.9	51
165	Novel therapeutic aspects of percutaneous aortic valve replacement with the 21F CoreValve Revalving System. <i>Catheterization and Cardiovascular Interventions</i> , <b>2007</b> , 70, 610-6	2.7	51
164	Mechanisms and diagnostic evaluation of persistent or recurrent angina following percutaneous coronary revascularization. <i>European Heart Journal</i> , <b>2019</b> , 40, 2455-2462	9.5	50
163	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> , <b>2011</b> , 4, 738-45	3.9	49
162	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> , <b>2020</b> , 14, 1149-1151	8.9	49
161	Guiding Therapy by Coronary CT Angiography Improves Outcomes in Patients With Stable Chest Pain. <i>Journal of the American College of Cardiology</i> , <b>2019</b> , 74, 2058-2070	15.1	48
160	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> , <b>2016</b> , 9,	6	47
159	Effects of aldosterone receptor blockade in patients with mild-moderate heart failure taking a beta-blocker. <i>European Journal of Heart Failure</i> , <b>2007</b> , 9, 429-34	12.3	47
158	High-Sensitivity Troponin and the Application of Risk Stratification Thresholds in Patients With Suspected Acute Coronary Syndrome. <i>Circulation</i> , <b>2019</b> , 140, 1557-1568	16.7	46
157	The prevalence, nature, and importance of hematologic abnormalities in heart failure. <i>American Heart Journal</i> , <b>2006</b> , 151, 1313-21	4.9	46
156	Native T1 mapping: inter-study, inter-observer and inter-center reproducibility in hemodialysis patients. <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2017</b> , 19, 21	6.9	45
155	Fractional flow reserve-guided management in stable coronary disease and acute myocardial infarction: recent developments. <i>European Heart Journal</i> , <b>2015</b> , 36, 3155-64	9.5	45
154	Role of multidetector computed tomography in the diagnosis and management of patients attending the rapid access chest pain clinic, The Scottish computed tomography of the heart (SCOT-HEART) trial: study protocol for randomized controlled trial. <i>Trials</i> , <b>2012</b> , 13, 184	2.8	45
153	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> , <b>2020</b> , 10, e0402	4.0	45
152	Clinical outcomes following radial versus femoral artery access in primary or rescue percutaneous coronary intervention in Scotland: retrospective cohort study of 4534 patients. <i>Heart</i> , <b>2012</b> , 98, 552-7	5.1	42
151	Native myocardial longitudinal (T1) relaxation time: Regional, age, and sex associations in the healthy adult heart. <i>Journal of Magnetic Resonance Imaging</i> , <b>2016</b> , 44, 541-8	5.6	39

150	Ischemia and No Obstructive Coronary Artery Disease: Prevalence and Correlates of Coronary Vasomotion Disorders. <i>Circulation: Cardiovascular Interventions</i> , <b>2019</b> , 12, e008126	6	39
149	Small-Vessel Disease in the Heart and Brain: Current Knowledge, Unmet Therapeutic Need, and Future Directions. <i>Journal of the American Heart Association</i> , <b>2019</b> , 8, e011104	6	37
148	MRI using ultrasmall superparamagnetic particles of iron oxide in patients under surveillance for abdominal aortic aneurysms to predict rupture or surgical repair: MRI for abdominal aortic aneurysms to predict rupture or surgery-the MA(3)RS study. <i>Open Heart</i> , <b>2015</b> , 2, e000190	3	37
147	Assessment of Vascular Dysfunction in Patients Without Obstructive Coronary Artery Disease: Why, How, and When. <i>JACC: Cardiovascular Interventions</i> , <b>2020</b> , 13, 1847-1864	5	37
146	Remote Zone Extracellular Volume and Left Ventricular Remodeling in Survivors of ST-Elevation Myocardial Infarction. <i>Hypertension</i> , <b>2016</b> , 68, 385-91	8.5	37
145	Pathophysiology and diagnosis of coronary microvascular dysfunction in ST-elevation myocardial infarction. <i>Cardiovascular Research</i> , <b>2020</b> , 116, 787-805	9.9	36
144	Fatal ischemic stroke related to nonpermissive peripheral artery access for percutaneous aortic valve replacement. <i>Catheterization and Cardiovascular Interventions</i> , <b>2007</b> , 69, 56-63	2.7	34
143	Role of transesophageal echocardiography in percutaneous aortic valve replacement with the CoreValve Revalving system. <i>Echocardiography</i> , <b>2008</b> , 25, 840-8	1.5	34
142	Monitoring indirect impact of COVID-19 pandemic on services for cardiovascular diseases in the UK. <i>Heart</i> , <b>2020</b> , 106, 1890-1897	5.1	33
141	Symptoms and quality of life in patients with suspected angina undergoing CT coronary angiography: a randomised controlled trial. <i>Heart</i> , <b>2017</b> , 103, 995-1001	5.1	31
140	Sex-Specific Thresholds of High-Sensitivity Troponin in Patients With Suspected Acute Coronary Syndrome. <i>Journal of the American College of Cardiology</i> , <b>2019</b> , 74, 2032-2043	15.1	31
139	Changes and classification in myocardial contractile function in the left ventricle following acute myocardial infarction. <i>Journal of the Royal Society Interface</i> , <b>2017</b> , 14,	4.1	31
138	Microvascular resistance of the culprit coronary artery in acute ST-elevation myocardial infarction. <i>JCI Insight</i> , <b>2016</b> , 1, e85768	9.9	31
137	Agreement of the Resting Distal to Aortic Coronary Pressure With the Instantaneous Wave-Free Ratio. <i>Journal of the American College of Cardiology</i> , <b>2017</b> , 70, 2105-2113	15.1	29
136	Genetic dysregulation of endothelin-1 is implicated in coronary microvascular dysfunction. <i>European Heart Journal</i> , <b>2020</b> , 41, 3239-3252	9.5	29
135	Diagnosis of patients with angina and non-obstructive coronary disease in the catheter laboratory. <i>Heart</i> , <b>2019</b> , 105, 1536-1542	5.1	29
134	Effects of neutral endopeptidase (neprilysin) inhibition on the response to other vasoactive peptides in small human resistance arteries: studies with thiorphan and omapatrilat. <i>Cardiovascular Therapeutics</i> , <b>2014</b> , 32, 13-8	3.3	28
133	How to Diagnose and Manage Angina Without Obstructive Coronary Artery Disease: Lessons from the British Heart Foundation CorMicA Trial. <i>Interventional Cardiology Review</i> , <b>2019</b> , 14, 76-82	4.2	26

132	Diagnostic and prognostic benefits of computed tomography coronary angiography using the 2016 National Institute for Health and Care Excellence guidance within a randomised trial. <i>Heart</i> , <b>2018</b> , 104, 207-214	5.1	26
131	Comprehensive dobutamine stress CMR versus echocardiography in LBBB and suspected coronary artery disease. <i>JACC: Cardiovascular Imaging</i> , <b>2014</b> , 7, 490-8	8.4	26
130	The role of cardiac magnetic resonance imaging (MRI) in acute myocardial infarction (AMI). <i>Heart Lung and Circulation</i> , <b>2013</b> , 22, 243-55	1.8	26
129	Prevalence of Coronary Artery Disease and Coronary Microvascular Dysfunction in Patients With Heart Failure With Preserved Ejection Fraction. <i>JAMA Cardiology</i> , <b>2021</b> , 6, 1130-1143	16.2	26
128	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> , <b>2018</b> , 11, 1248-1256	8.4	26
127	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> , <b>2018</b> , 11, e004227	5.8	25
126	Observer variability in the assessment of CT coronary angiography and coronary artery calcium score: substudy of the Scottish COmputed Tomography of the HEART (SCOT-HEART) trial. <i>Open Heart</i> , <b>2015</b> , 2, e000234	3	25
125	Predictive factors of discordance between the instantaneous wave-free ratio and fractional flow reserve. <i>Catheterization and Cardiovascular Interventions</i> , <b>2019</b> , 94, 356-363	2.7	24
124	Left ventricular strain and its pattern estimated from cine CMR and validation with DENSE. <i>Physics in Medicine and Biology</i> , <b>2014</b> , 59, 3637-56	3.8	24
123	Computed tomography versus invasive coronary angiography: design and methods of the pragmatic randomised multicentre DISCHARGE trial. <i>European Radiology</i> , <b>2017</b> , 27, 2957-2968	8	23
122	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> , <b>2016</b> , 5,	6	23
121	Coronary microvascular dysfunction in patients with stable coronary artery disease: The CE-MARC 2 coronary physiology sub-study. <i>International Journal of Cardiology</i> , <b>2018</b> , 266, 7-14	3.2	22
120	Known and missing left ventricular ejection fraction and survival in patients with heart failure: a MAGGIC meta-analysis report. <i>European Journal of Heart Failure</i> , <b>2013</b> , 15, 1220-7	12.3	22
119	Meta-Analysis of Death and Myocardial Infarction in the DEFINE-FLAIR and iFR-SWEDEHEART Trials. <i>Circulation</i> , <b>2017</b> , 136, 2389-2391	16.7	21
118	Diastolic pressure ratio: new approach and validation vs. the instantaneous wave-free ratio. <i>European Heart Journal</i> , <b>2019</b> , 40, 2585-2594	9.5	21
117	Feature-tracking myocardial strain in healthy adults- a magnetic resonance study at 3.0 tesla. <i>Scientific Reports</i> , <b>2019</b> , 9, 3239	4.9	20
116	Current Smoking and Prognosis After Acute ST-Segment Elevation Myocardial Infarction: New Pathophysiological Insights. <i>JACC: Cardiovascular Imaging</i> , <b>2019</b> , 12, 993-1003	8.4	20
115	LGE and NT-proBNP identify low risk of death or arrhythmic events in patients with primary prevention ICDs. <i>JACC: Cardiovascular Imaging</i> , <b>2014</b> , 7, 561-9	8.4	20

114	Usefulness of fractional flow reserve to improve diagnostic efficiency in patients with non-ST elevation myocardial infarction. <i>American Journal of Cardiology</i> , <b>2013</b> , 111, 45-50	3	20
113	Prognostic Value of the Residual SYNTAX Score After Functionally Complete Revascularization in ACS. <i>Journal of the American College of Cardiology</i> , <b>2018</b> , 72, 1321-1329	15.1	19
112	Cost-effectiveness of low-dose colchicine after myocardial infarction in the Colchicine Cardiovascular Outcomes Trial (COLCOT). <i>European Heart Journal Quality of Care &amp; Clinical Outcomes</i> , <b>2021</b> , 7, 486-495	4.6	18
111	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> , <b>2019</b> , 119, 1171-1181	7	17
110	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> , <b>2015</b> , 8, e002207	6	17
109	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> , <b>2016</b> , 202, 305-10	3.2	17
108	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> , <b>2015</b> , 169, 17-24.e1	4.9	17
107	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> , <b>2021</b> , 42, 4592-4600	9.5	17
106	Circumferential Strain Predicts Major Adverse Cardiovascular Events Following an Acute ST-Segment-Elevation Myocardial Infarction. <i>Radiology</i> , <b>2019</b> , 290, 329-337	20.5	17
105	Implantation of the CoreValve percutaneous aortic valve. <i>Annals of Thoracic Surgery</i> , <b>2007</b> , 83, 284-7	2.7	16
104	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> , <b>2019</b> , 12, 951-966 <sup>5</sup>		15
103	Rationale and design of the British Heart Foundation (BHF) Coronary Microvascular Function and CT Coronary Angiogram (CorCTCA) study. <i>American Heart Journal</i> , <b>2020</b> , 221, 48-59	4.9	15
102	Chronic infarct size after spontaneous coronary artery dissection: implications for pathophysiology and clinical management. <i>European Heart Journal</i> , <b>2020</b> , 41, 2197-2205	9.5	15
101	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> , <b>2015</b> , 31, 1201-9	2.5	14
100	Rationale and design of the British Heart Foundation (BHF) Coronary Microvascular Angina (CorMicA) stratified medicine clinical trial. <i>American Heart Journal</i> , <b>2018</b> , 201, 86-94	4.9	14
99	Hypertension, Microvascular Pathology, and Prognosis After an Acute Myocardial Infarction. <i>Hypertension</i> , <b>2018</b> , 72, 720-730	8.5	14
98	High-Sensitivity Cardiac Troponin on Presentation to Rule Out Myocardial Infarction: A Stepped-Wedge Cluster Randomized Controlled Trial. <i>Circulation</i> , <b>2021</b> , 143, 2214-2224	16.7	14
97	Comparative Significance of Invasive Measures of Microvascular Injury in Acute Myocardial Infarction. <i>Circulation: Cardiovascular Interventions</i> , <b>2020</b> , 13, e008505	6	13

96	Prognostic importance of myocardial infarct characteristics. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2013</b> , 14, 313-5	4.1	13
95	Transcatheter closure of a ventricular septal defect resulting from knife stabbing using the Amplatzer muscular VSD occluder. <i>Catheterization and Cardiovascular Interventions</i> , <b>2006</b> , 68, 153-6	2.7	13
94	Sex associations and computed tomography coronary angiography-guided management in patients with stable chest pain. <i>European Heart Journal</i> , <b>2020</b> , 41, 1337-1345	9.5	13
93	The Chief Scientist Office Cardiovascular and Pulmonary Imaging in SARS Coronavirus disease-19 (CISCO-19) study. <i>Cardiovascular Research</i> , <b>2020</b> , 116, 2185-2196	9.9	13
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