Colin Berry

List of Publications by Year in descending order

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249	18,658	13099	13771
papers	citations	68 h-index	129 g-index

250	250	250	18657
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Efficacy and Safety of Low-Dose Colchicine after Myocardial Infarction. New England Journal of Medicine, 2019, 381, 2497-2505.	27.0	1,696
2	COVID-19 and the cardiovascular system: implications for risk assessment, diagnosis, and treatment options. Cardiovascular Research, 2020, 116, 1666-1687.	3.8	1,074
3	Coronary CT Angiography and 5-Year Risk of Myocardial Infarction. New England Journal of Medicine, 2018, 379, 924-933.	27.0	898
4	Randomized Trial of Preventive Angioplasty in Myocardial Infarction. New England Journal of Medicine, 2013, 369, 1115-1123.	27.0	871
5	Effects of Reconstituted High-Density Lipoprotein Infusions on Coronary Atherosclerosis<SUBTITLE>A Randomized Controlled Trial</SUBTITLE>. JAMA - Journal of the American Medical Association, 2007, 297, 1675.	7.4	652
6	Stratified Medical Therapy Using Invasive Coronary Function Testing in Angina. Journal of the American College of Cardiology, 2018, 72, 2841-2855.	2.8	436
7	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
8	Magnetic Resonance Perfusion or Fractional Flow Reserve in Coronary Disease. New England Journal of Medicine, 2019, 380, 2418-2428.	27.0	326
9	TGF-Î² Signaling Mediates Endothelial-to-Mesenchymal Transition (EndMT) During Vein Graft Remodeling. Science Translational Medicine, 2014, 6, 227ra34.	12.4	321
10	Prognostic Value of the Index of Microcirculatory Resistance Measured After Primary Percutaneous Coronary Intervention. Circulation, 2013, 127, 2436-2441.	1.6	316
11	Economics of chronic heart failure. European Journal of Heart Failure, 2001, 3, 283-291.	7.1	315
12	Multicenter Core Laboratory Comparison of the Instantaneous Wave-Free Ratio and Resting P /P With Fractional Flow Reserve. Journal of the American College of Cardiology, 2014, 63, 1253-1261.	2.8	301
13	Investigation Into the Sources of Superoxide in Human Blood Vessels. Circulation, 2000, 101, 2206-2212.	1.6	287
14	Use of Coronary Computed Tomographic Angiography to Guide Management of Patients With Coronary Disease. Journal of the American College of Cardiology, 2016, 67, 1759-1768.	2.8	274
15	High-sensitivity troponin in the evaluation of patients with suspected acute coronary syndrome: a stepped-wedge, cluster-randomised controlled trial. Lancet, The, 2018, 392, 919-928.	13.7	263
16	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. European Heart Journal, 2015, 36, 100-111.	2.2	241
17	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
18	Cardiac MRI Endpoints in MyocardialÂInfarction Experimental andÂClinicalÂTrials. Journal of the American College of Cardiology, 2019, 74, 238-256.	2.8	235

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19	Effect of Care Guided by Cardiovascular Magnetic Resonance, Myocardial Perfusion Scintigraphy, or NICE Guidelines on Subsequent Unnecessary Angiography Rates. JAMA - Journal of the American Medical Association, 2016, 316, 1051.	7.4	227
20	Adenosine. JACC: Cardiovascular Interventions, 2014, 7, 581-591.	2.9	214
21	A Randomized Trial of Deferred Stenting Versus Immediate Stenting to Prevent No- or Slow-Reflow in Acute ST-Segment Elevation Myocardial Infarction (DEFER-STEMI). Journal of the American College of Cardiology, 2014, 63, 2088-2098.	2.8	204
22	VERIFY (VERification of Instantaneous Wave-Free Ratio and Fractional Flow Reserve for the Assessment) Tj ETQq0 0 0 rgBT /Overlock 10 Cardiology, 2013, 61, 1421-1427.	2.8	197
23	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
24	Gender and survival in patients with heart failure: interactions with diabetes and aetiology. Results from the MAGGIC individual patient metaâ€•analysisâ€. European Journal of Heart Failure, 2012, 14, 473-479.	7.1	167
25	Comparison of Different Diastolic RestingÂIndexes to iFR. Journal of the American College of Cardiology, 2017, 70, 3088-3096.	2.8	163
26	The Index of Microcirculatory Resistance Measured Acutely Predicts the Extent and Severity of Myocardial Infarction in Patients With ST-Segment Elevation Myocardial Infarction. JACC: Cardiovascular Interventions, 2010, 3, 715-722.	2.9	161
27	Myocardial Hemorrhage After Acute Reperfused ST-Segmentâ€“Elevation Myocardial Infarction. Circulation: Cardiovascular Imaging, 2016, 9, e004148.	2.6	158
28	Validation of a novel non-hyperaemic index of coronary artery stenosis severity: the Resting Full-cycle Ratio (VALIDATE RFR) study. EuroIntervention, 2018, 14, 806-814.	3.2	157
29	1-Year Outcomes of Angina Management Guided by Invasive Coronary Function Testing (CorMicA). JACC: Cardiovascular Interventions, 2020, 13, 33-45.	2.9	141
30	Optimized Treatment of ST-Elevation Myocardial Infarction. Circulation Research, 2019, 125, 245-258.	4.5	140
31	Systemic microvascular dysfunction in microvascular and vasospastic angina. European Heart Journal, 2018, 39, 4086-4097.	2.2	139
32	Comparative Prognostic Utility of Indexes of Microvascular Function Alone or in Combination in Patients With an Acute ST-Segmentâ€“Elevation Myocardial Infarction. Circulation, 2016, 134, 1833-1847.	1.6	135
33	Coronary Heart Disease in Patients With Diabetes. Journal of the American College of Cardiology, 2007, 49, 631-642.	2.8	132
34	Continuum of Vasodilator Stress FromÂRest to Contrast Medium toÂAdenosine Hyperemia for FractionalÂFlow Reserve Assessment. JACC: Cardiovascular Interventions, 2016, 9, 757-767.	2.9	129
35	Cardiovascular Magnetic Resonance in Acute ST-Segmentâ€“Elevation Myocardial Infarction. Circulation, 2018, 137, 1949-1964.	1.6	128
36	High-Sensitivity Cardiac Troponin and the Universal Definition of Myocardial Infarction. Circulation, 2020, 141, 161-171.	1.6	124

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37	Oxidative stress and vascular damage in hypertension. Current Opinion in Nephrology and Hypertension, 2001, 10, 247-255.	2.0	123
38	Aortic Wall Inflammation Predicts Abdominal Aortic Aneurysm Expansion, Rupture, and Need for Surgical Repair. Circulation, 2017, 136, 787-797.	1.6	122
39	Pathophysiology and diagnosis of coronary microvascular dysfunction in ST-elevation myocardial infarction. Cardiovascular Research, 2020, 116, 787-805.	3.8	119
40	Importance of collateral circulation in coronary heart disease. European Heart Journal, 2007, 28, 278-291.	2.2	118
41	Pathophysiology of LV Remodeling inÂSurvivors of STEMI. JACC: Cardiovascular Imaging, 2015, 8, 779-789.	5.3	116
42	The prognostic significance of heart failure with preserved left ventricular ejection fraction: a literatureâ€based metaâ€analysis. European Journal of Heart Failure, 2009, 11, 855-862.	7.1	114
43	Magnetic Resonance Imaging Delineates the Ischemic Area at Risk and Myocardial Salvage in Patients With Acute Myocardial Infarction. Circulation: Cardiovascular Imaging, 2010, 3, 527-535.	2.6	114
44	Treatment of coronary microvascular dysfunction. Cardiovascular Research, 2020, 116, 856-870.	3.8	114
45	Prevalence of Coronary Artery Disease and Coronary Microvascular Dysfunction in Patients With Heart Failure With Preserved Ejection Fraction. JAMA Cardiology, 2021, 6, 1130.	6.1	114
46	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
47	Ischemia and No Obstructive Coronary Artery Disease. Circulation: Cardiovascular Interventions, 2019, 12, e008126.	3.9	107
48	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. European Heart Journal, 2016, 37, 1044-1059.	2.2	105
49	Assessment of Vascular Dysfunction inÂPatients Without Obstructive CoronaryÂArtery Disease. JACC: Cardiovascular Interventions, 2020, 13, 1847-1864.	2.9	105
50	Vasodilatory Capacity of the Coronary Microcirculation is Preserved in Selected Patients With Nonâ€“ST-Segmentâ€“Elevation Myocardial Infarction. Circulation: Cardiovascular Interventions, 2013, 6, 231-236.	3.9	103
51	Society for Cardiovascular Magnetic Resonance (SCMR) expert consensus for CMR imaging endpoints in clinical research: part I - analytical validation and clinical qualification. Journal of Cardiovascular Magnetic Resonance, 2018, 20, 67.	3.3	101
52	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. Circulation: Cardiovascular Imaging, 2011, 4, 210-219.	2.6	99
53	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
54	Temporal Evolution of Myocardial Hemorrhage and Edema in Patients After Acute STâ€Segment Elevation Myocardial Infarction: Pathophysiological Insights and Clinical Implications. Journal of the American Heart Association, 2016, 5, .	3.7	96

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55	Monitoring indirect impact of COVID-19 pandemic on services for cardiovascular diseases in the UK. Heart, 2020, 106, 1890-1897.	2.9	90
56	Defining myocardial tissue abnormalities in end-stage renal failure with cardiac magnetic resonance imaging using native T1 mapping. Kidney International, 2016, 90, 845-852.	5.2	88
57	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
58	Effects of Urotensin II in Human Arteries and Veins of Varying Caliber. Circulation, 2001, 103, 1378-1381.	1.6	87
59	Stable coronary syndromes: pathophysiology, diagnostic advances and therapeutic need. Heart, 2018, 104, 284-292.	2.9	86
60	Mechanisms and diagnostic evaluation of persistent or recurrent angina following percutaneous coronary revascularization. European Heart Journal, 2019, 40, 2455-2462.	2.2	85
61	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
62	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
63	Repeatability of Fractional Flow Reserve Despite Variations in Systemic andÂCoronaryÂHemodynamics. JACC: Cardiovascular Interventions, 2015, 8, 1018-1027.	2.9	83
64	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
65	The Influence of Lesion Location on the Diagnostic Accuracy of Adenosine-Free Coronary Pressure Wire Measurements. JACC: Cardiovascular Interventions, 2016, 9, 2390-2399.	2.9	81
66	Microvascular Resistance Predicts Myocardial Salvage and Infarct Characteristics in STâ€Elevation Myocardial Infarction. Journal of the American Heart Association, 2012, 1, e002246.	3.7	80
67	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
68	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
69	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
70	Genetic dysregulation of endothelin-1 is implicated in coronary microvascular dysfunction. European Heart Journal, 2020, 41, 3239-3252.	2.2	73
71	Smallâ€Vessel Disease in the Heart and Brain: Current Knowledge, Unmet Therapeutic Need, and Future Directions. Journal of the American Heart Association, 2019, 8, e011104.	3.7	71
72	Discordance Between Resting and Hyperemic Indices of Coronary Stenosis Severity. Circulation: Cardiovascular Interventions, 2016, 9, .	3.9	67

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73	Comparison of femoral bleeding complications after coronary angiography versus percutaneous coronary intervention. American Journal of Cardiology, 2004, 94, 361-363.	1.6	65
74	Native myocardial longitudinal (T₁) relaxation time: Regional, age, and sex associations in the healthy adult heart. Journal of Magnetic Resonance Imaging, 2016, 44, 541-548.	3.4	62
75	Surgical aspects of endovascular retrograde implantation of the aortic CoreValve bioprosthesis in high-risk older patients with severe symptomatic aortic stenosis. Journal of Thoracic and Cardiovascular Surgery, 2007, 134, 1150-1156.	0.8	58
76	Fractional flow reserve-guided management in stable coronary disease and acute myocardial infarction: recent developments. European Heart Journal, 2015, 36, 3155-3164.	2.2	58
77	Bright-Blood T ₂ -Weighted MRI Has High Diagnostic Accuracy for Myocardial Hemorrhage in Myocardial Infarction. Circulation: Cardiovascular Imaging, 2011, 4, 738-745.	2.6	57
78	The prevalence, nature, and importance of hematologic abnormalities in heart failure. American Heart Journal, 2006, 151, 1313-1321.	2.7	54
79	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
80	Novel therapeutic aspects of percutaneous aortic valve replacement with the 21F CoreValve Revalvingâ„¢ System. Catheterization and Cardiovascular Interventions, 2007, 70, 610-616.	1.7	53
81	Diagnosis of patients with angina and non-obstructive coronary disease in the catheter laboratory. Heart, 2019, 105, 1536-1542.	2.9	53
82	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. Trials, 2012, 13, 184.	1.6	52
83	Effects of aldosterone receptor blockade in patients with mild-moderate heart failure taking a beta-blocker. European Journal of Heart Failure, 2007, 9, 429-434.	7.1	50
84	Native T1 mapping: inter-study, inter-observer and inter-center reproducibility in hemodialysis patients. Journal of Cardiovascular Magnetic Resonance, 2016, 19, 21.	3.3	50
85	Changes and classification in myocardial contractile function in the left ventricle following acute myocardial infarction. Journal of the Royal Society Interface, 2017, 14, 20170203.	3.4	50
86	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
87	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
88	Current Smoking and Prognosis AfterÂAcute ST-Segment Elevation MyocardialÂInfarction. JACC: Cardiovascular Imaging, 2019, 12, 993-1003.	5.3	46
89	Clinical outcomes following radial versus femoral artery access in primary or rescue percutaneous coronary intervention in Scotland: retrospective cohort study of 4534 patients. Heart, 2012, 98, 552-557.	2.9	45
90	Remote Zone Extracellular Volume and Left Ventricular Remodeling in Survivors of ST-Elevation Myocardial Infarction. Hypertension, 2016, 68, 385-391.	2.7	44

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91	Diastolic pressure ratio: new approach and validation vs. the instantaneous wave-free ratio. European Heart Journal, 2019, 40, 2585-2594.	2.2	44
92	Cost-effectiveness of low-dose colchicine after myocardial infarction in the Colchicine Cardiovascular Outcomes Trial (COLCOT). European Heart Journal Quality of Care & Clinical Outcomes, 2021, 7, 486-495.	4.0	44
93	Agreement of the Resting Distal toÂAorticÂCoronary Pressure With theÂInstantaneous Wave-Free Ratio. Journal of the American College of Cardiology, 2017, 70, 2105-2113.	2.8	43
94	Persistent Iron Within the Infarct CoreÂAfter ST-Segment Elevation Myocardial Infarction. JACC: Cardiovascular Imaging, 2018, 11, 1248-1256.	5.3	43
95	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 surgeryâ€"the MA³RS study. Open Heart, 2015, 2, e000190.	2.3	41
96	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
97	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
98	Diagnostic and prognostic benefits of computed tomography coronary angiography using the 2016 National Institute for Health and Care Excellence guidance within a randomised trial. Heart, 2018, 104, 207-214.	2.9	41
99	Symptoms and quality of life in patients with suspected angina undergoing CT coronary angiography: a randomised controlled trial. Heart, 2017, 103, 995-1001.	2.9	40
100	Prognostic Value of the Residual SYNTAX Score After Functionally Complete Revascularization in ACS. Journal of the American College of Cardiology, 2018, 72, 1321-1329.	2.8	40
101	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
102	Microvascular resistance of the culprit coronary artery in acute ST-elevation myocardial infarction. JCI Insight, 2016, 1, e85768.	5.0	39
103	A multisystem, cardio-renal investigation of post-COVID-19 illness. Nature Medicine, 2022, 28, 1303-1313.	30.7	39
104	Fatal ischemic stroke related to nonpermissive peripheral artery access for percutaneous aortic valve replacement. Catheterization and Cardiovascular Interventions, 2007, 69, 56-63.	1.7	38
105	Effects of Neutral Endopeptidase (Neprilysin) Inhibition on the Response to Other Vasoactive Peptides in Small Human Resistance Arteries: Studies with Thiorphan and Omapatrilat. Cardiovascular Therapeutics, 2014, 32, 13-18.	2.5	38
106	Role of Transesophageal Echocardiography in Percutaneous Aortic Valve Replacement with the CoreValve Revalving System. Echocardiography, 2008, 25, 840-848.	0.9	37
107	Feature-tracking myocardial strain in healthy adults- a magnetic resonance study at 3.0 tesla. Scientific Reports, 2019, 9, 3239.	3.3	37
108	Comparative Significance of Invasive Measures of Microvascular Injury in Acute Myocardial Infarction. Circulation: Cardiovascular Interventions, 2020, 13, e008505.	3.9	37

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109	Impact of Incomplete Percutaneous Revascularization in Patients With Multivessel Coronary Artery Disease: A Systematic Review and Metaâ€Analysis. Journal of the American Heart Association, 2016, 5, .	3.7	36
110	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. Open Heart, 2015, 2, e000234.	2.3	35
111	Chronic infarct size after spontaneous coronary artery dissection: implications for pathophysiology and clinical management. European Heart Journal, 2020, 41, 2197-2205.	2.2	35
112	Computed tomography versus invasive coronary angiography: design and methods of the pragmatic randomised multicentre DISCHARGE trial. European Radiology, 2017, 27, 2957-2968.	4.5	33
113	Hypertension, Microvascular Pathology, and Prognosis After an Acute Myocardial Infarction. Hypertension, 2018, 72, 720-730.	2.7	33
114	Meta-Analysis of Death and Myocardial Infarction in the DEFINE-FLAIR and iFR-SWEDEHEART Trials. Circulation, 2017, 136, 2389-2391.	1.6	32
115	Circumferential Strain Predicts Major Adverse Cardiovascular Events Following an Acute ST-Segmentâ€“Elevation Myocardial Infarction. Radiology, 2019, 290, 329-337.	7.3	32
116	The Role of Cardiac Magnetic Resonance Imaging (MRI) in Acute Myocardial Infarction (AMI). Heart Lung and Circulation, 2013, 22, 243-255.	0.4	31
117	Left ventricular strain and its pattern estimated from cine CMR and validation with DENSE. Physics in Medicine and Biology, 2014, 59, 3637-3656.	3.0	31
118	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
119	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
120	Comprehensive Dobutamine Stress CMR Versus Echocardiography in LBBB and Suspected Coronary Artery Disease. JACC: Cardiovascular Imaging, 2014, 7, 490-498.	5.3	30
121	Angina: contemporary diagnosis and management. Heart, 2020, 106, 387-398.	2.9	29
122	Coronary Arterial Function and Disease in Women With No Obstructive Coronary Arteries. Circulation Research, 2022, 130, 529-551.	4.5	29
123	Known and missing left ventricular ejection fraction and survival in patients with heart failure: a MAGGIC metaâ€analysis report. European Journal of Heart Failure, 2013, 15, 1220-1227.	7.1	28
124	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
125	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
126	LGE and NT-proBNP Identify LowÂRisk of Death or Arrhythmic Events inÂPatients With Primary Prevention ICDs. JACC: Cardiovascular Imaging, 2014, 7, 561-569.	5.3	26

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127	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
128	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. American Heart Journal, 2015, 169, 17-24.e1.	2.7	25
129	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
130	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
131	Assessment of the relationships between myocardial contractility and infarct tissue revealed by serial magnetic resonance imaging in patients with acute myocardial infarction. International Journal of Cardiovascular Imaging, 2015, 31, 1201-1209.	1.5	23
132	Estimating prognosis in patients with acute myocardial infarction using personalized computational heart models. Scientific Reports, 2017, 7, 13527.	3.3	22
133	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
134	Usefulness of Fractional Flow Reserve to Improve Diagnostic Efficiency in Patients With Non-ST Elevation Myocardial Infarction. American Journal of Cardiology, 2013, 111, 45-50.	1.6	21
135	Cardiac Imaging in the Post-ISCHEMIA Trial Era. JACC: Cardiovascular Imaging, 2020, 13, 1815-1833.	5.3	21
136	Implantation of the CoreValve Percutaneous Aortic Valve. Annals of Thoracic Surgery, 2007, 83, 284-287.	1.3	20
137	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. International Journal of Cardiology, 2016, 202, 305-310.	1.7	20
138	Fractional flow reserve: a clinical perspective. International Journal of Cardiovascular Imaging, 2017, 33, 961-974.	1.5	19
139	Redefining successful primary PCI. European Heart Journal Cardiovascular Imaging, 2019, 20, 133-135.	1.2	18
140	Cardiovascular and Renal Risk Factors and Complications Associated With COVID-19. CJC Open, 2021, 3, 1257-1272.	1.5	18
141	Validation of the myocardial-ischaemic-injury-index machine learning algorithm to guide the diagnosis of myocardial infarction in a heterogenous population: a prespecified exploratory analysis. The Lancet Digital Health, 2022, 4, e300-e308.	12.3	18
142	Assessment of Fractional Flow Reserve in Patients With Recent Nonâ€“ST-Segmentâ€“Elevation Myocardial Infarction. Circulation: Cardiovascular Interventions, 2015, 8, e002207.	3.9	17
143	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
144	Transcatheter closure of a ventricular septal defect resulting from knife stabbing using the Amplatzer muscular VSD occluder. Catheterization and Cardiovascular Interventions, 2006, 68, 153-156.	1.7	16

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145	Persistence of Infarct Zone T2 Hyperintensity at 6 Months After Acute ST-Segmentâ€“Elevation Myocardial Infarction. Circulation: Cardiovascular Imaging, 2017, 10, .	2.6	16
146	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
147	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
148	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
149	Diagnostic Accuracy of 3.0â€T Magnetic Resonance T1 and T2 Mapping and T2â€Weighted Darkâ€Blood Imaging for the Infarctâ€Related Coronary Artery in Nonâ€“STâ€Segment Elevation Myocardial Infarction. Journal of the American Heart Association, 2017, 6, .	3.7	15
150	Definition and epidemiology of coronary microvascular disease. Journal of Nuclear Cardiology, 2022, 29, 1763-1775.	2.1	15
151	Fractional flow reserve (FFR) versus angiography in guiding management to optimise outcomes in non-ST segment elevation myocardial infarction (FAMOUS-NSTEMI) developmental trial: cost-effectiveness using a mixed trial- and model-based methods. Cost Effectiveness and Resource Allocation, 2015, 13, 19.	1.5	14
152	New perspectives on the role of cardiac magnetic resonance imaging to evaluate myocardial salvage and myocardial hemorrhage after acute reperfused ST-elevation myocardial infarction. Expert Review of Cardiovascular Therapy, 2016, 14, 843-854.	1.5	14
153	Prognostic importance of myocardial infarct characteristics. European Heart Journal Cardiovascular Imaging, 2013, 14, 313-315.	1.2	13
154	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
155	Coronary microvascular disease: the next frontier for Cardiovascular Research. Cardiovascular Research, 2020, 116, 737-740.	3.8	13
156	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
157	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
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