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List of Publications by Year
in descending order

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280	17,894	13854 67	16164 124
papers	citations	h-index	g-index

290	290	290	17594
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.	13.9	1,696
2	COVID-19 and the cardiovascular system: implications for risk assessment, diagnosis, and treatment options. Cardiovascular Research, 2020, 116, 1666-1687.	1.8	1,074
3	Coronary CT Angiography and 5-Year Risk of Myocardial Infarction. New England Journal of Medicine, 2018, 379, 924-933.	13.9	898
4	Randomized Trial of Preventive Angioplasty in Myocardial Infarction. New England Journal of Medicine, 2013, 369, 1115-1123.	13.9	871
5	Stratified Medical Therapy Using Invasive Coronary Function Testing in Angina. Journal of the American College of Cardiology, 2018, 72, 2841-2855.	1.2	436
6	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.	1.0	385
7	Magnetic Resonance Perfusion or Fractional Flow Reserve in Coronary Disease. New England Journal of Medicine, 2019, 380, 2418-2428.	13.9	326
8	Prognostic Value of the Index of Microcirculatory Resistance Measured After Primary Percutaneous Coronary Intervention. Circulation, 2013, 127, 2436-2441.	1.6	316
9	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.	1.2	301
10	Investigation Into the Sources of Superoxide in Human Blood Vessels. Circulation, 2000, 101, 2206-2212.	1.6	287
11	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.	1.2	274
12	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.	6.3	263
13	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.	1.0	241
14	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
15	Cardiac MRI Endpoints in MyocardialÂInfarction Experimental andÂClinicalÂTrials. Journal of the American College of Cardiology, 2019, 74, 238-256.	1.2	235
16	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.	3.8	227
17	Adenosine. JACC: Cardiovascular Interventions, 2014, 7, 581-591.	1.1	214
18	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.	1.2	204

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19	VERIFY (VERification of Instantaneous Wave-Free Ratio and Fractional Flow Reserve for the Assessment) Tj ETQq1 1 0.784314 rgBT /Cv Cardiology, 2013, 61, 1421-1427.	1.2	197
20	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.	3.0	191
21	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.	1.0	174
22	Comparison of Different Diastolic RestingÂIndexes to iFR. Journal of the American College of Cardiology, 2017, 70, 3088-3096.	1.2	163
23	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.	1.1	161
24	Myocardial Hemorrhage After Acute Reperfused ST-Segmentâ€“Elevation Myocardial Infarction. Circulation: Cardiovascular Imaging, 2016, 9, e004148.	1.3	158
25	CT or Invasive Coronary Angiography in Stable Chest Pain. New England Journal of Medicine, 2022, 386, 1591-1602.	13.9	144
26	1-Year Outcomes of Angina Management Guided by Invasive Coronary Function Testing (CorMicA). JACC: Cardiovascular Interventions, 2020, 13, 33-45.	1.1	141
27	Optimized Treatment of ST-Elevation Myocardial Infarction. Circulation Research, 2019, 125, 245-258.	2.0	140
28	Systemic microvascular dysfunction in microvascular and vasospastic angina. European Heart Journal, 2018, 39, 4086-4097.	1.0	139
29	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
30	Coronary Heart Disease in Patients With Diabetes. Journal of the American College of Cardiology, 2007, 49, 631-642.	1.2	132
31	Continuum of Vasodilator Stress FromÂRest to Contrast Medium toÂAdenosine Hyperemia for FractionalÂFlow Reserve Assessment. JACC: Cardiovascular Interventions, 2016, 9, 757-767.	1.1	129
32	Cardiovascular Magnetic Resonance in Acute ST-Segmentâ€“Elevation Myocardial Infarction. Circulation, 2018, 137, 1949-1964.	1.6	128
33	Coronary Heart Disease in Patients With Diabetes. Journal of the American College of Cardiology, 2007, 49, 643-656.	1.2	127
34	High-Sensitivity Cardiac Troponin and the Universal Definition of Myocardial Infarction. Circulation, 2020, 141, 161-171.	1.6	124
35	Pathophysiology and diagnosis of coronary microvascular dysfunction in ST-elevation myocardial infarction. Cardiovascular Research, 2020, 116, 787-805.	1.8	119
36	Importance of collateral circulation in coronary heart disease. European Heart Journal, 2007, 28, 278-291.	1.0	118

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37	Pathophysiology of LV Remodeling inÂSurvivors of STEMI. JACC: Cardiovascular Imaging, 2015, 8, 779-789.	2.3	116
38	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.	1.3	114
39	Treatment of coronary microvascular dysfunction. Cardiovascular Research, 2020, 116, 856-870.	1.8	114
40	Comparison of Intravascular Ultrasound and Quantitative Coronary Angiography for the Assessment of Coronary Artery Disease Progression. Circulation, 2007, 115, 1851-1857.	1.6	111
41	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.	0.8	108
42	Ischemia and No Obstructive Coronary Artery Disease. Circulation: Cardiovascular Interventions, 2019, 12, e008126.	1.4	107
43	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.	1.0	105
44	Assessment of Vascular Dysfunction inÂPatients Without Obstructive CoronaryÂArtery Disease. JACC: Cardiovascular Interventions, 2020, 13, 1847-1864.	1.1	105
45	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.	1.4	103
46	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.	1.6	101
47	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.	1.3	99
48	Guiding Therapy by Coronary CT Angiography Improves Outcomes in Patients With StableÂChest Pain. Journal of the American College of Cardiology, 2019, 74, 2058-2070.	1.2	99
49	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, .	1.6	96
50	Monitoring indirect impact of COVID-19 pandemic on services for cardiovascular diseases in the UK. Heart, 2020, 106, 1890-1897.	1.2	90
51	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.	1.4	90
52	Defining myocardial tissue abnormalities in end-stage renal failure with cardiac magnetic resonance imaging using native T1 mapping. Kidney International, 2016, 90, 845-852.	2.6	88
53	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.	3.8	88
54	Effects of Urotensin II in Human Arteries and Veins of Varying Caliber. Circulation, 2001, 103, 1378-1381.	1.6	87

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55	Stable coronary syndromes: pathophysiology, diagnostic advances and therapeutic need. Heart, 2018, 104, 284-292.	1.2	86
56	Mechanisms and diagnostic evaluation of persistent or recurrent angina following percutaneous coronary revascularization. European Heart Journal, 2019, 40, 2455-2462.	1.0	85
57	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.	1.2	84
58	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.	1.0	84
59	Repeatability of Fractional Flow Reserve Despite Variations in Systemic andÂCoronaryÂHemodynamics. JACC: Cardiovascular Interventions, 2015, 8, 1018-1027.	1.1	83
60	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.	1.8	83
61	The Influence of Lesion Location on the Diagnostic Accuracy of Adenosine-Free Coronary Pressure Wire Measurements. JACC: Cardiovascular Interventions, 2016, 9, 2390-2399.	1.1	81
62	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
63	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
64	Post-stenting fractional flow reserve vs coronary angiography for optimization of percutaneous coronary intervention (TARGET-FFR). European Heart Journal, 2021, 42, 4656-4668.	1.0	79
65	International Prospective Registry of Acute Coronary Syndromes in Patients With COVID-19. Journal of the American College of Cardiology, 2021, 77, 2466-2476.	1.2	78
66	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.	1.0	74
67	ISHLT Primary Graft Dysfunction Incidence, Risk Factors, and Outcome: A UK National Study. Transplantation, 2019, 103, 336-343.	0.5	73
68	Genetic dysregulation of endothelin-1 is implicated in coronary microvascular dysfunction. European Heart Journal, 2020, 41, 3239-3252.	1.0	73
69	Comparison of exercise testing and CMR measured myocardial perfusion reserve for predicting outcome in asymptomatic aortic stenosis: the PRognostic Importance of MIcrovascular Dysfunction in Aortic Stenosis (PRIMID AS) Study. European Heart Journal, 2017, 38, 1222-1229.	1.0	72
70	Primary graft dysfunction after heart transplantation: a thorn amongst the roses. Heart Failure Reviews, 2019, 24, 805-820.	1.7	68
71	Discordance Between Resting and Hyperemic Indices of Coronary Stenosis Severity. Circulation: Cardiovascular Interventions, 2016, 9, .	1.4	67
72	COVID-19 and its cardiovascular effects: a systematic review of prevalence studies. The Cochrane Library, 2022, 2022, CD013879.	1.5	66

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73	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.	1.9	62
74	Fractional flow reserve-guided management in stable coronary disease and acute myocardial infarction: recent developments. European Heart Journal, 2015, 36, 3155-3164.	1.0	58
75	Bright-Blood T ₂ -Weighted MRI Has High Diagnostic Accuracy for Myocardial Hemorrhage in Myocardial Infarction. Circulation: Cardiovascular Imaging, 2011, 4, 738-745.	1.3	57
76	A coupled mitral valveâ€"left ventricle model with fluidâ€"structure interaction. Medical Engineering and Physics, 2017, 47, 128-136.	0.8	55
77	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.	1.6	54
78	Singleâ€•Versus 2â€Stent Strategies for Coronary Bifurcation Lesions: A Systematic Review and Metaâ€Analysis of Randomized Trials With Longâ€Term Followâ€up. Journal of the American Heart Association, 2018, 7, .	1.6	53
79	Diagnosis of patients with angina and non-obstructive coronary disease in the catheter laboratory. Heart, 2019, 105, 1536-1542.	1.2	53
80	Quasiâ€static imageâ€based immersed boundaryâ€finite element model of left ventricle under diastolic loading. International Journal for Numerical Methods in Biomedical Engineering, 2014, 30, 1199-1222.	1.0	51
81	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.	0.8	51
82	Thromboembolic Risk in Hospitalized and Nonhospitalized COVID-19 Patients. Mayo Clinic Proceedings, 2021, 96, 2587-2597.	1.4	51
83	The changing course of aortic valve disease in Scotland: temporal trends in hospitalizations and mortality and prognostic importance of aortic stenosis. European Heart Journal, 2013, 34, 1538-1547.	1.0	50
84	Native T1 mapping: inter-study, inter-observer and inter-center reproducibility in hemodialysis patients. Journal of Cardiovascular Magnetic Resonance, 2016, 19, 21.	1.6	50
85	Magnetic Resonance Imaging of Myocardial Strain After Acute ST-Segmentâ€"Elevation Myocardial Infarction. Circulation: Cardiovascular Imaging, 2017, 10, .	1.3	50
86	Changes and classification in myocardial contractile function in the left ventricle following acute myocardial infarction. Journal of the Royal Society Interface, 2017, 14, 20170203.	1.5	50
87	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.	0.7	50
88	Predictive factors of discordance between the instantaneous waveâ€free ratio and fractional flow reserve. Catheterization and Cardiovascular Interventions, 2019, 94, 356-363.	0.7	49
89	Cardiovascular magnetic resonance activity in the United Kingdom: a survey on behalf of the british society of cardiovascular magnetic resonance. Journal of Cardiovascular Magnetic Resonance, 2011, 13, 57.	1.6	48
90	Patients with prior coronary artery bypass grafting have a poor outcome after myocardial infarction: an analysis of the VALsartan in acute myocardial iNfarcTion trial (VALIANT). European Heart Journal, 2009, 30, 1450-1456.	1.0	47

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91	Dynamic finite-strain modelling of the human left ventricle in health and disease using an immersed boundary-finite element method. IMA Journal of Applied Mathematics, 2014, 79, 978-1010.	0.8	46
92	Current Smoking and Prognosis AfterÂAcute ST-Segment Elevation MyocardialÂInfarction. JACC: Cardiovascular Imaging, 2019, 12, 993-1003.	2.3	46
93	Remote Zone Extracellular Volume and Left Ventricular Remodeling in Survivors of ST-Elevation Myocardial Infarction. Hypertension, 2016, 68, 385-391.	1.3	44
94	Diastolic pressure ratio: new approach and validation vs. the instantaneous wave-free ratio. European Heart Journal, 2019, 40, 2585-2594.	1.0	44
95	Agreement of the Resting Distal toÂAorticÂCoronary Pressure With theÂInstantaneous Wave-Free Ratio. Journal of the American College of Cardiology, 2017, 70, 2105-2113.	1.2	43
96	Persistent Iron Within the Infarct CoreÂAfter ST-Segment Elevation Myocardial Infarction. JACC: Cardiovascular Imaging, 2018, 11, 1248-1256.	2.3	43
97	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.	0.9	41
98	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.	0.8	41
99	Influence of access site choice for cardiac catheterization on risk of adverse neurological events: A systematic review and meta-analysis. American Heart Journal, 2016, 181, 107-119.	1.2	40
100	Symptoms and quality of life in patients with suspected angina undergoing CT coronary angiography: a randomised controlled trial. Heart, 2017, 103, 995-1001.	1.2	40
101	Prognostic Value of the Residual SYNTAX Score After Functionally Complete Revascularization in ACS. Journal of the American College of Cardiology, 2018, 72, 1321-1329.	1.2	40
102	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.	1.2	40
103	Advances in computational modelling for personalised medicine after myocardial infarction. Heart, 2018, 104, 550-557.	1.2	39
104	Microvascular resistance of the culprit coronary artery in acute ST-elevation myocardial infarction. JCI Insight, 2016, 1, e85768.	2.3	39
105	A multisystem, cardio-renal investigation of post-COVID-19 illness. Nature Medicine, 2022, 28, 1303-1313.	15.2	39
106	Fatal ischemic stroke related to nonpermissive peripheral artery access for percutaneous aortic valve replacement. Catheterization and Cardiovascular Interventions, 2007, 69, 56-63.	0.7	38
107	Physiological Predictors of AcuteÂCoronaryÂSyndromes. JACC: Cardiovascular Interventions, 2017, 10, 2539-2547.	1.1	38
108	Feature-tracking myocardial strain in healthy adults- a magnetic resonance study at 3.0 tesla. Scientific Reports, 2019, 9, 3239.	1.6	37

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109	Comparative Significance of Invasive Measures of Microvascular Injury in Acute Myocardial Infarction. Circulation: Cardiovascular Interventions, 2020, 13, e008505.	1.4	37
110	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, .	1.6	36
111	Chronic infarct size after spontaneous coronary artery dissection: implications for pathophysiology and clinical management. European Heart Journal, 2020, 41, 2197-2205.	1.0	35
112	Computed tomography versus invasive coronary angiography: design and methods of the pragmatic randomised multicentre DISCHARGE trial. European Radiology, 2017, 27, 2957-2968.	2.3	33
113	Hypertension, Microvascular Pathology, and Prognosis After an Acute Myocardial Infarction. Hypertension, 2018, 72, 720-730.	1.3	33
114	Cardiovascular changes occurring with occlusion of a mature arteriovenous fistula. Journal of Vascular Access, 2015, 16, 459-466.	0.5	32
115	Meta-Analysis of Death and Myocardial Infarction in the DEFINE-FLAIR and iFR-SWEDEHEART Trials. Circulation, 2017, 136, 2389-2391.	1.6	32
116	Circumferential Strain Predicts Major Adverse Cardiovascular Events Following an Acute ST-Segmentâ€“Elevation Myocardial Infarction. Radiology, 2019, 290, 329-337.	3.6	32
117	Left ventricular strain and its pattern estimated from cine CMR and validation with DENSE. Physics in Medicine and Biology, 2014, 59, 3637-3656.	1.6	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.	1.8	31
119	The Chief Scientist Office Cardiovascular and Pulmonary Imaging in SARS Coronavirus disease-19 (CISCO-19) study. Cardiovascular Research, 2020, 116, 2185-2196.	1.8	31
120	Comprehensive Dobutamine Stress CMR Versus Echocardiography in LBBB and Suspected Coronary Artery Disease. JACC: Cardiovascular Imaging, 2014, 7, 490-498.	2.3	30
121	Modelling mitral valvular dynamicsâ€“current trend and future directions. International Journal for Numerical Methods in Biomedical Engineering, 2017, 33, e2858.	1.0	30
122	Angina: contemporary diagnosis and management. Heart, 2020, 106, 387-398.	1.2	29
123	Coronary Arterial Function and Disease in Women With No Obstructive Coronary Arteries. Circulation Research, 2022, 130, 529-551.	2.0	29
124	Myocardial strain in healthy adults across a broad age range as revealed by cardiac magnetic resonance imaging at 1.5 and 3.0T: Associations of myocardial strain with myocardial region, age, and sex. Journal of Magnetic Resonance Imaging, 2016, 44, 1197-1205.	1.9	28
125	Sex associations and computed tomography coronary angiography-guided management in patients with stable chest pain. European Heart Journal, 2020, 41, 1337-1345.	1.0	28
126	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.	1.2	27

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127	LGE and NT-proBNP Identify LowÂRisk of Death or Arrhythmic Events inÂPatients With Primary Prevention ICDs. JACC: Cardiovascular Imaging, 2014, 7, 561-569.	2.3	26
128	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.	1.2	26
129	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.	1.2	25
130	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.	1.1	25
131	A Novel Method for Estimating Myocardial Strain: Assessment of Deformation Tracking Against Reference Magnetic Resonance Methods in Healthy Volunteers. Scientific Reports, 2016, 6, 38774.	1.6	24
132	Stable Coronary Syndromes: The Case for Consolidating the Nomenclature of Stable Ischemic Heart Disease. Circulation, 2017, 136, 437-439.	1.6	24
133	Sex differences in procedural and clinical outcomes following rotational atherectomy. Catheterization and Cardiovascular Interventions, 2020, 95, 232-241.	0.7	24
134	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.	1.3	24
135	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.	0.7	23
136	Outcomes of Percutaneous Coronary Intervention Performed at Offsite VersusÂOnsite Surgical Centers inÂtheÂUnited Kingdom. Journal of the American College of Cardiology, 2015, 66, 363-372.	1.2	22
137	Estimating prognosis in patients with acute myocardial infarction using personalized computational heart models. Scientific Reports, 2017, 7, 13527.	1.6	22
138	Rationale and design of the British Heart Foundation (BHF) Coronary Microvascular Angina (CorMicA) stratified medicine clinical trial. American Heart Journal, 2018, 201, 86-94.	1.2	22
139	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.	1.5	22
140	Risk stratification in non-ST elevation acute coronary syndromes: Risk scores, biomarkers and clinical judgment. IJC Heart and Vasculature, 2015, 8, 131-137.	0.6	21
141	Cardiac Imaging in the Post-ISCHEMIA Trial Era. JACC: Cardiovascular Imaging, 2020, 13, 1815-1833.	2.3	21
142	Regional variation in cardiovascular magnetic resonance service delivery across the UK. Heart, 2021, 107, 1974-1979.	1.2	21
143	Urine proteomics in the diagnosis of stable angina. BMC Cardiovascular Disorders, 2016, 16, 70.	0.7	20
144	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.	0.8	20

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145	Fractional flow reserve: a clinical perspective. International Journal of Cardiovascular Imaging, 2017, 33, 961-974.	0.7	19
146	Redefining successful primary PCI. European Heart Journal Cardiovascular Imaging, 2019, 20, 133-135.	0.5	18
147	Cardiovascular and Renal Risk Factors and Complications Associated With COVID-19. CJC Open, 2021, 3, 1257-1272.	0.7	18
148	Assessment of Fractional Flow Reserve in Patients With Recent Nonâ€“ST-Segmentâ€“Elevation Myocardial Infarction. Circulation: Cardiovascular Interventions, 2015, 8, e002207.	1.4	17
149	Intravascular ultrasound assessment of the effects of rotational atherectomy in calcified coronary artery lesions. International Journal of Cardiovascular Imaging, 2018, 34, 1365-1371.	0.7	17
150	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.	1.4	17
151	Persistence of Infarct Zone T2 Hyperintensity at 6 Months After Acute ST-Segmentâ€“Elevation Myocardial Infarction. Circulation: Cardiovascular Imaging, 2017, 10, .	1.3	16
152	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.	0.5	16
153	Predictors of segmental myocardial functional recovery in patients after an acute ST-Elevation myocardial infarction. European Journal of Radiology, 2019, 112, 121-129.	1.2	16
154	Healthcare disparities for women hospitalized with myocardial infarction and angina. European Heart Journal Quality of Care & Clinical Outcomes, 2020, 6, 156-165.	1.8	16
155	Low-Dose Alteplase During Primary Percutaneous Coronary Intervention According to Ischemic Time. Journal of the American College of Cardiology, 2020, 75, 1406-1421.	1.2	16
156	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.	0.8	16
157	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, .	1.6	15
158	Safety of Selective Intracoronary Hypothermia During Primary Percutaneous Coronary Intervention in Patients With Anterior STEMI. JACC: Cardiovascular Interventions, 2021, 14, 2047-2055.	1.1	15
159	Definition and epidemiology of coronary microvascular disease. Journal of Nuclear Cardiology, 2022, 29, 1763-1775.	1.4	15
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