

James C Moon

List of Publications by Year in descending order

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Version: 2024-02-01

560
papers

36,786
citations

4103

90
h-index

4511

177
g-index

587
all docs

587
docs citations

587
times ranked

26038
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence to support magnetic resonance conditional labelling of all pacemaker and defibrillator leads in patients with cardiac implantable electronic devices. <i>European Heart Journal</i> , 2022, 43, 2469-2478.	1.0	22
2	Hypertrophic cardiomyopathy: insights from extracellular volume mapping. <i>European Journal of Preventive Cardiology</i> , 2022, 28, e39-e41.	0.8	6
3	Non-invasive characterization of pleural and pericardial effusions using T1 mapping by magnetic resonance imaging. <i>European Heart Journal Cardiovascular Imaging</i> , 2022, 23, 1117-1126.	0.5	8
4	Inorganic nitrate attenuates cardiac dysfunction: roles for xanthine oxidoreductase and nitric oxide. <i>British Journal of Pharmacology</i> , 2022, 179, 4757-4777.	2.7	5
5	Addendum to ASNC/AHA/ASE/EANM/HFSA/ISA/SCMR/SNMMI Expert Consensus Recommendations for Multimodality Imaging in Cardiac Amyloidosis: Part 1 of 2 "Evidence Base and Standardized Methods of Imaging." <i>Journal of Cardiac Failure</i> , 2022, 28, e1-e4.	0.7	8
6	End-diastolic segmentation of intravascular ultrasound images enables more reproducible volumetric analysis of atheroma burden. <i>Catheterization and Cardiovascular Interventions</i> , 2022, 99, 706-713.	0.7	3
7	Clinical Importance of Left Atrial Infiltration in Cardiac Transthyretin Amyloidosis. <i>JACC: Cardiovascular Imaging</i> , 2022, 15, 17-29.	2.3	67
8	Impact of afterload and infiltration on coexisting aortic stenosis and transthyretin amyloidosis. <i>Heart</i> , 2022, 108, 67-72.	1.2	8
9	Predicting Survival in Repaired Tetralogy of Fallot. <i>JACC: Cardiovascular Imaging</i> , 2022, 15, 257-268.	2.3	37
10	Phenotyping hypertrophic cardiomyopathy using cardiac diffusion magnetic resonance imaging: the relationship between microvascular dysfunction and microstructural changes. <i>European Heart Journal Cardiovascular Imaging</i> , 2022, 23, 352-362.	0.5	12
11	Guidelines for the monitoring and management of iron overload in patients with haemoglobinopathies and rare anaemias. <i>British Journal of Haematology</i> , 2022, 196, 336-350.	1.2	11
12	Pre-existing polymerase-specific T cells expand in abortive seronegative SARS-CoV-2. <i>Nature</i> , 2022, 601, 110-117.	13.7	280
13	Detailed Assessment of Low-Voltage Zones Localization by Cardiac MRI in Patients With Implantable Devices. <i>JACC: Clinical Electrophysiology</i> , 2022, 8, 225-235.	1.3	4
14	Heterologous infection and vaccination shapes immunity against SARS-CoV-2 variants. <i>Science</i> , 2022, 375, 183-192.	6.0	91
15	Cardiac device implantation and device usage in Fabry and hypertrophic cardiomyopathy. <i>Orphanet Journal of Rare Diseases</i> , 2022, 17, 6.	1.2	3
16	Improving cardiovascular magnetic resonance access in low- and middle-income countries for cardiomyopathy assessment: rapid cardiovascular magnetic resonance. <i>European Heart Journal</i> , 2022, 43, 2496-2507.	1.0	12
17	Effective Study: Development and Application of a Question-Driven, Time-Effective Cardiac Magnetic Resonance Scanning Protocol. <i>Journal of the American Heart Association</i> , 2022, 11, e022605.	1.6	1
18	Subclinical Hypertrophic Cardiomyopathy in Elite Athletes. <i>JACC: Case Reports</i> , 2022, 4, 94-98.	0.3	0

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19	Futility in Transcatheter Aortic Valve Implantation: A Search for Clarity. <i>Interventional Cardiology Review</i> , 2022, 17, e01.	0.7	6
20	Automated In-line Artificial Intelligence Measured Global Longitudinal Shortening and Mitral Annular Plane Systolic Excursion: Reproducibility and Prognostic Significance. <i>Journal of the American Heart Association</i> , 2022, 11, e023849.	1.6	11
21	Quantitative Myocardial Perfusion Predicts Outcomes in Patients With Prior Surgical Revascularization. <i>Journal of the American College of Cardiology</i> , 2022, 79, 1141-1151.	1.2	10
22	Cardiac Computed Tomography: Application in Valvular Heart Disease. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 849540.	1.1	6
23	Rapid synchronous type 1 IFN and virus-specific T cell responses characterize first wave non-severe SARS-CoV-2 infections. <i>Cell Reports Medicine</i> , 2022, 3, 100557.	3.3	36
24	Precision measurement of cardiac structure and function in cardiovascular magnetic resonance using machine learning. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2022, 24, 16.	1.6	30
25	Myocardial Fibrosis Quantified by Cardiac CT Predicts Outcome in Severe Aortic Stenosis After Transcatheter Intervention. <i>JACC: Cardiovascular Imaging</i> , 2022, 15, 542-544.	2.3	9
26	HLA-DR polymorphism in SARS-CoV-2 infection and susceptibility to symptomatic COVID-19. <i>Immunology</i> , 2022, 166, 68-77.	2.0	18
27	Association of Myocardial Fibrosis and Stroke Volume by Cardiovascular Magnetic Resonance in Patients With Severe Aortic Stenosis With Outcome After Valve Replacement. <i>JAMA Cardiology</i> , 2022, 7, 513.	3.0	2
28	Study protocol: MyoFit46—the cardiac sub-study of the MRC National Survey of Health and Development. <i>BMC Cardiovascular Disorders</i> , 2022, 22, 140.	0.7	4
29	Declining Levels and Bioavailability of IGF-I in Cardiovascular Aging Associate With QT Prolongation—Results From the 1946 British Birth Cohort. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 863988.	1.1	1
30	Multimodality Imaging for Cardiotoxicity: State of the Art and Future Perspectives. <i>Journal of Cardiovascular Pharmacology</i> , 2022, 80, 547-561.	0.8	2
31	Preprocedural Prognostic Factors in Acute Decompensated Aortic Stenosis. <i>American Journal of Cardiology</i> , 2022, 174, 96-100.	0.7	3
32	Immune boosting by B.1.1.529 (Omicron) depends on previous SARS-CoV-2 exposure. <i>Science</i> , 2022, 377, .	6.0	241
33	Saturation-pulse prepared heart-rate independent inversion-recovery (SAPPHIRE) biventricular T1 mapping: inter-field strength, head-to-head comparison of diastolic, systolic and dark-blood measurements. <i>BMC Medical Imaging</i> , 2022, 22, .	1.4	0
34	Cardiovascular magnetic resonance in autoimmune rheumatic diseases: a clinical consensus document by the European Association of Cardiovascular Imaging. <i>European Heart Journal Cardiovascular Imaging</i> , 2022, 23, e308-e322.	0.5	21
35	Progression of echocardiographic parameters and prognosis in transthyretin cardiac amyloidosis. <i>European Journal of Heart Failure</i> , 2022, 24, 1700-1712.	2.9	26
36	Age matters: differences in exercise-induced cardiovascular remodelling in young and middle aged healthy sedentary individuals. <i>European Journal of Preventive Cardiology</i> , 2021, 28, 738-746.	0.8	10

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37	The myocardial phenotype of Fabry disease pre-hypertrophy and pre-detectable storage. <i>European Heart Journal Cardiovascular Imaging</i> , 2021, 22, 790-799.	0.5	35
38	Reduction in CMR Derived Extracellular Volume With Patisiran Indicates Cardiac Amyloid Regression. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 189-199.	2.3	113
39	Prevalence and Outcomes of Concomitant Aortic Stenosis and Cardiac Amyloidosis. <i>Journal of the American College of Cardiology</i> , 2021, 77, 128-139.	1.2	187
40	Top Cats Often Begin as Underdogs: The Ascent of Trabecular Fractal Analysis with Cardiac MRI. <i>Radiology</i> , 2021, 298, 80-81.	3.6	0
41	Diagnosis and risk stratification in hypertrophic cardiomyopathy using machine learning wall thickness measurement: a comparison with human test-retest performance. <i>The Lancet Digital Health</i> , 2021, 3, e20-e28.	5.9	57
42	Quantitative cardiovascular magnetic resonance myocardial perfusion mapping to assess hyperaemic response to adenosine stress. <i>European Heart Journal Cardiovascular Imaging</i> , 2021, 22, 273-281.	0.5	15
43	A Computationally Efficient Approach to Segmentation of the Aorta and Coronary Arteries Using Deep Learning. <i>IEEE Access</i> , 2021, 9, 108873-108888.	2.6	24
44	Measurement of T1 Mapping in Patients With Cardiac Devices: Off-Resonance Error Extends Beyond Visual Artifact but Can Be Quantified and Corrected. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 631366.	1.1	6
45	A deep learning methodology for the automated detection of end-diastolic frames in intravascular ultrasound images. <i>International Journal of Cardiovascular Imaging</i> , 2021, 37, 1825-1837.	0.7	11
46	Patterns of myocardial injury in recovered troponin-positive COVID-19 patients assessed by cardiovascular magnetic resonance. <i>European Heart Journal</i> , 2021, 42, 1866-1878.	1.0	274
47	Cardiac Involvement in Fabry Disease. <i>Journal of the American College of Cardiology</i> , 2021, 77, 922-936.	1.2	109
48	Antibody response to first BNT162b2 dose in previously SARS-CoV-2-infected individuals. <i>Lancet</i> , The, 2021, 397, 1057-1058.	6.3	360
49	A comparison of standard and high dose adenosine protocols in routine vasodilator stress cardiovascular magnetic resonance: dosage affects hyperaemic myocardial blood flow in patients with severe left ventricular systolic impairment. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2021, 23, 37.	1.6	11
50	Longitudinal birth cohort study finds that life-course frailty associates with later-life heart size and function. <i>Scientific Reports</i> , 2021, 11, 6272.	1.6	6
51	Time series analysis and mechanistic modelling of heterogeneity and sero-reversion in antibody responses to mild SARS-CoV-2 infection. <i>EBioMedicine</i> , 2021, 65, 103259.	2.7	61
52	Evaluating access to health and care services during lockdown by the COVID-19 survey in five UK national longitudinal studies. <i>BMJ Open</i> , 2021, 11, e045813.	0.8	57
53	Impact of lockdown on key workers: findings from the COVID-19 survey in four UK national longitudinal studies. <i>Journal of Epidemiology and Community Health</i> , 2021, 75, 955-962.	2.0	15
54	Longitudinal assessment of symptoms and risk of SARS-CoV-2 infection in healthcare workers across 5 hospitals to understand ethnic differences in infection risk. <i>EClinicalMedicine</i> , 2021, 34, 100835.	3.2	20

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55	Prior SARS-CoV-2 infection rescues B and T cell responses to variants after first vaccine dose. <i>Science</i> , 2021, 372, 1418-1423.	6.0	286
56	The Authors Reply. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 882-883.	2.3	0
57	Standardising clinical outcomes measures for adult clinical trials in Fabry disease: A global Delphi consensus. <i>Molecular Genetics and Metabolism</i> , 2021, 132, 234-243.	0.5	10
58	Cardiac Magnetic Resonanceâ€œDerived Extracellular Volume Mapping for the Quantification of Hepatic and Splenic Amyloid. <i>Circulation: Cardiovascular Imaging</i> , 2021, 14, CIRCIMAGING121012506.	1.3	19
59	Adenosine perfusion MR imaging â€œ a diagnostic aid for ectopic splenic tissue. <i>Polish Archives of Internal Medicine</i> , 2021, 131, 737-739.	0.3	0
60	Prognostic Value of Pulmonary Transit Time and Pulmonary Blood Volume Estimation Using Myocardial Perfusionâ€œCMR. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 2107-2119.	2.3	18
61	Noninvasive rapid cardiac magnetic resonance for the assessment of cardiomyopathies in low-middle income countries. <i>Expert Review of Cardiovascular Therapy</i> , 2021, 19, 387-398.	0.6	3
62	Prospective Case-Control Study of Cardiovascular Abnormalities 6MonthsFollowing Mild COVID-19 inHealthcare Workers. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 2155-2166.	2.3	111
63	Access to MRI for patients with cardiac pacemakers and implantable cardioverter defibrillators. <i>Open Heart</i> , 2021, 8, e001598.	0.9	12
64	93â€œ...Insulin resistance is associated with QT prolongation in the 1946 british birth cohort. , 2021, , .		0
65	Demographic, multi-morbidity and genetic impact on myocardial involvement and its recovery from COVID-19: protocol design of COVID-HEARTâ€œa UK, multicentre, observational study. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2021, 23, 77.	1.6	14
66	The evolution of cardiovascular COVID-19 research. <i>European Heart Journal</i> , 2021, 42, 2953-2954.	1.0	2
67	Use of quantitative cardiovascular magnetic resonance myocardial perfusion mapping for characterization of ischemia in patients with left internal mammary coronary artery bypass grafts. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2021, 23, 82.	1.6	6
68	190â€œ...Association between carotid distensibility and heart rate variability in older age. , 2021, , .		0
69	Maximal Wall Thickness Measurement in Hypertrophic Cardiomyopathy. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 2123-2134.	2.3	18
70	ASNC/AHA/ASE/EANM/HFSA/ISA/SCMR/SNMMI Expert Consensus Recommendations for Multimodality Imaging in Cardiac Amyloidosis: Part 1 of 2â€œEvidence Base and Standardized Methods of Imaging. <i>Circulation: Cardiovascular Imaging</i> , 2021, 14, e000029.	1.3	48
71	ASNC/AHA/ASE/EANM/HFSA/ISA/SCMR/SNMMI Expert Consensus Recommendations for Multimodality Imaging in Cardiac Amyloidosis: Part 2 of 2â€œDiagnostic Criteria and Appropriate Utilization. <i>Circulation: Cardiovascular Imaging</i> , 2021, 14, e000030.	1.3	16
72	Addendum to ASNC/AHA/ASE/EANM/HFSA/ISA/SCMR/SNMMI expert consensus recommendations for multimodality imaging in cardiac amyloidosis: Part 1 of 2â€œevidence base and standardized methods of imaging. <i>Journal of Nuclear Cardiology</i> , 2021, 28, 1769-1774.	1.4	34

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73	Markers of Myocardial Damage Predict Mortality in Patients With Aortic Stenosis. <i>Journal of the American College of Cardiology</i> , 2021, 78, 545-558.	1.2	41
74	Myocardial Perfusion Defects in Hypertrophic Cardiomyopathy Mutation Carriers. <i>Journal of the American Heart Association</i> , 2021, 10, e020227.	1.6	15
75	The Relationship Between Oxygen Uptake and the Rate of Myocardial Deformation During Exercise. <i>Bioengineered</i> , 2021, 10, 85-93.	1.4	0
76	Advanced deep learning methodology for accurate, real-time segmentation of high-resolution intravascular ultrasound images. <i>International Journal of Cardiology</i> , 2021, 339, 185-191.	0.8	14
77	The BYPASS-CTCA Study: the value of Computed Tomography Cardiac Angiography (CTCA) in improving patient-related outcomes in patients with previous bypass operation undergoing invasive coronary angiography: Study Protocol of a Randomised Controlled Trial. <i>Annals of Translational Medicine</i> , 2021, 9, 1395-1395.	0.7	6
78	Landmark Detection in Cardiac MRI by Using a Convolutional Neural Network. <i>Radiology: Artificial Intelligence</i> , 2021, 3, e200197.	3.0	24
79	Childhood Bradycardia Associates With Atrioventricular Conduction Defects in Older Age: A Longitudinal Birth Cohort Study. <i>Journal of the American Heart Association</i> , 2021, 10, e021877.	1.6	0
80	Looking for the Right Diagnosis? Cardiovascular Magnetic Resonance Imaging Can Help Differentiate Cardiomyopathies. <i>Heart Lung and Circulation</i> , 2021, 31, 7-16.	0.2	0
81	Blood transcriptional biomarkers of acute viral infection for detection of pre-symptomatic SARS-CoV-2 infection: a nested, case-control diagnostic accuracy study. <i>Lancet Microbe</i> , The, 2021, 2, e508-e517.	3.4	52
82	Prior infection with SARS-CoV-2 boosts and broadens Ad26.COV2.S immunogenicity in a variant-dependent manner. <i>Cell Host and Microbe</i> , 2021, 29, 1611-1619.e5.	5.1	106
83	Effect of remote ischaemic conditioning on infarct size and remodelling in ST-segment elevation myocardial infarction patients: the CONDI-2/ERIC-PPCI CMR substudy. <i>Basic Research in Cardiology</i> , 2021, 116, 59.	2.5	13
84	12â€Myocardial inflammation and diffuse fibrosis underpin the electrophysiological derangements of the ageing human heartâ€A CMR-ECGI study. , 2021, , .		0
85	20â€Apical ischaemia is ubiquitous in apical hypertrophic cardiomyopathy and occurs before overt hypertrophy. , 2021, , .		0
86	11â€A medical device-grade T2 phantom for quality assurance of inflammation imaging by CMR. , 2021, , .		0
87	Use of Rapid Cardiac Magnetic Resonance Imaging (rCMR) to guide chelation therapy in patients with transfusion-dependent thalassemia in India UMIMI Study. <i>European Heart Journal Quality of Care & Clinical Outcomes</i> , 2021, , .	1.8	0
88	Non-invasive Ischaemia Testing in Patients With Prior Coronary Artery Bypass Graft Surgery: Technical Challenges, Limitations, and Future Directions. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 795195.	1.1	3
89	Heterologous infection and vaccination shapes immunity against SARS-CoV-2 variants. <i>Science</i> , 2021, , eabm0811.	6.0	10
90	106â€fThe effective study: development and application of a question-driven, time-effective cardiac magnetic resonance scanning protocol. <i>European Heart Journal Supplements</i> , 2021, 23, .	0.0	0

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91	Myocardial Perfusion Imaging After Severe COVID-19 Infection Demonstrates Regional Ischemia Rather Than Global Blood Flow Reduction. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 764599.	1.1	9
92	Dilated cardiomyopathy and arrhythmogenic left ventricular cardiomyopathy: a comprehensive genotype-imaging phenotype study. <i>European Heart Journal Cardiovascular Imaging</i> , 2020, 21, 326-336.	0.5	90
93	Quantitative cardiac MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 51, 693-711.	1.9	35
94	Identification of a Multiplex Biomarker Panel for Hypertrophic Cardiomyopathy Using Quantitative Proteomics and Machine Learning. <i>Molecular and Cellular Proteomics</i> , 2020, 19, 114-127.	2.5	32
95	Extracellular Volume Associates With Outcomes More Strongly Than Native or Post-Contrast Myocardial T1. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 44-54.	2.3	68
96	Noncontrast Magnetic Resonance for the Diagnosis of Cardiac Amyloidosis. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 69-80.	2.3	125
97	ASNC/AHA/ASE/EANM/HFSA/ISA/SCMR/SNMMI expert consensus recommendations for multimodality imaging in cardiac amyloidosis: Part 2 of 2 Diagnostic criteria and appropriate utilization. <i>Journal of Nuclear Cardiology</i> , 2020, 27, 659-673.	1.4	97
98	Improvements in Skeletal Muscle Can Be Detected Using Broadband NIRS in First-Time Marathon Runners. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1232, 245-251.	0.8	2
99	Advanced Imaging Insights in Apical Hypertrophic Cardiomyopathy. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 624-630.	2.3	3
100	Training for a First-Time Marathon Reverses Age-Related Aortic Stiffening. <i>Journal of the American College of Cardiology</i> , 2020, 75, 60-71.	1.2	40
101	Making MRI available for patients with cardiac implantable electronic devices: growing need and barriers to change. <i>European Radiology</i> , 2020, 30, 1378-1384.	2.3	24
102	COVID-19. <i>Circulation</i> , 2020, 142, 1120-1122.	1.6	126
103	H3K27ac acetylation signatures reveal the epigenomic reorganization in remodeled non-failing human hearts. <i>Clinical Epigenetics</i> , 2020, 12, 106.	1.8	20
104	The Authors Reply. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 1294-1295.	2.3	1
105	Repeatability of Cardiac Magnetic Resonance Radiomics: A Multi-Centre Multi-Vendor Test-Retest Study. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 586236.	1.1	17
106	The Myocardium in Aortic Stenosis Revisited. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 2270-2273.	2.3	0
107	Identifying Cardiac Amyloid in Aortic Stenosis. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 2177-2189.	2.3	65
108	Clinical academic research in the time of Corona: A simulation study in England and a call for action. <i>PLoS ONE</i> , 2020, 15, e0237298.	1.1	8

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109	An unusual cause of polymorphic ventricular tachycardia: Acquired long QT syndrome from atypical variant of stress-induced cardiomyopathy. <i>SAGE Open Medical Case Reports</i> , 2020, 8, 2050313X2094430.	0.2	1
110	Myocardial Fibrosis in Heart Failure: Anti-Fibrotic Therapies and the Role of Cardiovascular Magnetic Resonance in Drug Trials. <i>Cardiology and Therapy</i> , 2020, 9, 363-376.	1.1	35
111	Myocardial fibrosis in asymptomatic and symptomatic chronic severe primary mitral regurgitation and relationship to tissue characterisation and left ventricular function on cardiovascular magnetic resonance. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2020, 22, 86.	1.6	13
112	Automated Inline Analysis of Myocardial Perfusion MRI with Deep Learning. <i>Radiology: Artificial Intelligence</i> , 2020, 2, e200009.	3.0	32
113	Early indicators of disease progression in Fabry disease that may indicate the need for disease-specific treatment initiation: findings from the opinion-based PREDICT-FD modified Delphi consensus initiative. <i>BMJ Open</i> , 2020, 10, e035182.	0.8	20
114	Asymptomatic health-care worker screening during the COVID-19 pandemic – Authors' reply. <i>Lancet, The</i> , 2020, 396, 1394-1395.	6.3	7
115	Recreational marathon running does not cause exercise-induced left ventricular hypertrabeculation. <i>International Journal of Cardiology</i> , 2020, 315, 67-71.	0.8	10
116	Automated detection of left ventricle in arterial input function images for inline perfusion mapping using deep learning: A study of 15,000 patients. <i>Magnetic Resonance in Medicine</i> , 2020, 84, 2788-2800.	1.9	19
117	DPD Quantification in Cardiac Amyloidosis. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 1353-1363.	2.3	61
118	COVID-19: PCR screening of asymptomatic health-care workers at London hospital. <i>Lancet, The</i> , 2020, 395, 1608-1610.	6.3	295
119	T1 mapping performance and measurement repeatability: results from the multi-national T1 mapping standardization phantom program (TIMES). <i>Journal of Cardiovascular Magnetic Resonance</i> , 2020, 22, 31.	1.6	23
120	Reply. <i>Journal of the American College of Cardiology</i> , 2020, 75, 2278-2279.	1.2	0
121	Inline perfusion mapping provides insights into the disease mechanism in hypertrophic cardiomyopathy. <i>Heart</i> , 2020, 106, 824-829.	1.2	26
122	Rapid Cardiac MRI Protocols: Feasibility and Potential Applications. <i>Current Radiology Reports</i> , 2020, 8, 1.	0.4	7
123	Myocardial Edema, Myocyte Injury, and Disease Severity in Fabry Disease. <i>Circulation: Cardiovascular Imaging</i> , 2020, 13, e010171.	1.3	35
124	Apical Hypertrophic Cardiomyopathy: The Variant Less Known. <i>Journal of the American Heart Association</i> , 2020, 9, e015294.	1.6	72
125	Improving the Generalizability of Convolutional Neural Network-Based Segmentation on CMR Images. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 105.	1.1	74
126	Randomised, double-blind, placebo-controlled clinical trial investigating the effects of inorganic nitrate in hypertension-induced target organ damage: protocol of the NITRATE-TOD study in the UK. <i>BMJ Open</i> , 2020, 10, e034399.	0.8	4

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127	Cardiac magnetic resonance in heart failure with preserved ejection fraction: myocyte, interstitium, microvascular, and metabolic abnormalities. <i>European Journal of Heart Failure</i> , 2020, 22, 1065-1075.	2.9	31
128	Is the immediate effect of marathon running on novice runners's knee joints sustained within 6 months after the run? A follow-up 3.0T MRI study. <i>Skeletal Radiology</i> , 2020, 49, 1221-1229.	1.2	10
129	Prevalence of abnormal findings in 230 knees of asymptomatic adults using 3.0T MRI. <i>Skeletal Radiology</i> , 2020, 49, 1099-1107.	1.2	30
130	The Prognostic Significance of Quantitative Myocardial Perfusion: An Artificial Intelligence Based Approach Using Perfusion Mapping. <i>Circulation</i> , 2020, 141, 1282-1291.	1.6	100
131	Extracellular Myocardial Volume in Patients With Aortic Stenosis. <i>Journal of the American College of Cardiology</i> , 2020, 75, 304-316.	1.2	141
132	Echocardiographic phenotype and prognosis in transthyretin cardiac amyloidosis. <i>European Heart Journal</i> , 2020, 41, 1439-1447.	1.0	108
133	Myocardial Inflammation and Edema in People Living With Human Immunodeficiency Virus. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 1278-1280.	2.3	9
134	Cardiovascular Remodeling Experienced by Real-World, Unsupervised, Young Novice Marathon Runners. <i>Frontiers in Physiology</i> , 2020, 11, 232.	1.3	12
135	Prevalence and outcome of dual aortic stenosis and cardiac amyloid pathology in patients referred for transcatheter aortic valve implantation. <i>European Heart Journal</i> , 2020, 41, 2759-2767.	1.0	128
136	Longitudinal Assessment of Cardiac Involvement in Fabry Disease Using Cardiovascular Magnetic Resonance Imaging. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 1850-1852.	2.3	5
137	Evaluation of the Efficacy of Computed Tomographic Coronary Angiography in Assessing Coronary Artery Morphology and Physiology: Rationale and Study Design. <i>Cardiology</i> , 2020, 145, 285-293.	0.6	9
138	Cardiovascular Magnetic Resonance and Sport Cardiology: a Growing Role in Clinical Dilemmas. <i>Journal of Cardiovascular Translational Research</i> , 2020, 13, 296-305.	1.1	20
139	Assessment of Multivessel Coronary Artery Disease Using Cardiovascular Magnetic Resonance Pixelwise Quantitative Perfusion Mapping. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 2546-2557.	2.3	30
140	Discordant neutralizing antibody and T cell responses in asymptomatic and mild SARS-CoV-2 infection. <i>Science Immunology</i> , 2020, 5, .	5.6	172
141	Healthcare Workers Bioresource: Study outline and baseline characteristics of a prospective healthcare worker cohort to study immune protection and pathogenesis in COVID-19. <i>Wellcome Open Research</i> , 2020, 5, 179.	0.9	10
142	Healthcare Workers Bioresource: Study outline and baseline characteristics of a prospective healthcare worker cohort to study immune protection and pathogenesis in COVID-19. <i>Wellcome Open Research</i> , 2020, 5, 179.	0.9	21
143	Computed tomography cardiac angiography for planning invasive angiographic procedures in patients with previous coronary artery bypass grafting. <i>EuroIntervention</i> , 2020, 15, e1351-e1357.	1.4	9
144	Diagnosis and treatment of the cardiovascular consequences of Fabry disease. <i>QJM - Monthly Journal of the Association of Physicians</i> , 2019, 112, 3-9.	0.2	10

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145	Proposed Stages of Myocardial Phenotype Development in Fabry Disease. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 1673-1683.	2.3	91
146	Advanced Imaging Modalities to Monitor for Cardiotoxicity. <i>Current Treatment Options in Oncology</i> , 2019, 20, 73.	1.3	33
147	Two-Minute k-Space and Time-accelerated Aortic Four-dimensional Flow MRI: Dual-Center Study of Feasibility and Impact on Velocity and Wall Shear Stress Quantification. <i>Radiology: Cardiothoracic Imaging</i> , 2019, 1, e180008.	0.9	10
148	Automated Quantitative Stress Perfusion in a Clinical Routine. <i>Magnetic Resonance Imaging Clinics of North America</i> , 2019, 27, 507-520.	0.6	4
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