James C Moon

List of Publications by Year
in descending order

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560 papers	36,786 citations	3525 90 h-index	3911 177 g-index
587 all docs	587 docs citations	587 times ranked	24423 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. European Heart Journal, 2022, 43, 2469-2478.	1.0	22
2	Hypertrophic cardiomyopathy: insights from extracellular volume mapping. European Journal of Preventive Cardiology, 2022, 28, e39-e41.	0.8	6
3	Non-invasive characterization of pleural and pericardial effusions using T1 mapping by magnetic resonance imaging. European Heart Journal Cardiovascular Imaging, 2022, 23, 1117-1126.	0.5	8
4	Inorganic nitrate attenuates cardiac dysfunction: roles for xanthine oxidoreductase and nitric oxide. British Journal of Pharmacology, 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 2â€"Evidence Base and Standardized Methods of Imaging. Journal of Cardiac Failure, 2022, 28, e1-e4.	0.7	8
6	Endâ€diastolic segmentation of intravascular ultrasound images enables more reproducible volumetric analysis of atheroma burden. Catheterization and Cardiovascular Interventions, 2022, 99, 706-713.	0.7	3
7	Clinical Importance of Left Atrial Infiltration in Cardiac TransthyretinÂAmyloidosis. JACC: Cardiovascular Imaging, 2022, 15, 17-29.	2.3	67
8	Impact of afterload and infiltration on coexisting aortic stenosis and transthyretin amyloidosis. Heart, 2022, 108, 67-72.	1.2	8
9	Predicting Survival in Repaired Tetralogy of Fallot. JACC: Cardiovascular Imaging, 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. European Heart Journal Cardiovascular Imaging, 2022, 23, 352-362.	0.5	12
11	Guidelines for the monitoring and management of iron overload in patients with haemoglobinopathies and rare anaemias. British Journal of Haematology, 2022, 196, 336-350.	1.2	11
12	Pre-existing polymerase-specific T cells expand in abortive seronegative SARS-CoV-2. Nature, 2022, 601, 110-117.	13.7	280
13	Detailed Assessment of Low-Voltage Zones Localization by Cardiac MRIÂinÂPatients With Implantable Devices. JACC: Clinical Electrophysiology, 2022, 8, 225-235.	1.3	4
14	Heterologous infection and vaccination shapes immunity against SARS-CoV-2 variants. Science, 2022, 375, 183-192.	6.0	91
15	Cardiac device implantation and device usage in Fabry and hypertrophic cardiomyopathy. Orphanet Journal of Rare Diseases, 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. European Heart Journal, 2022, 43, 2496-2507.	1.0	12
17	Effective Study: Development and Application of a Questionâ€Driven, Timeâ€Effective Cardiac Magnetic Resonance Scanning Protocol. Journal of the American Heart Association, 2022, 11, e022605.	1.6	1
18	Subclinical Hypertrophic Cardiomyopathy in Elite Athletes. JACC: Case Reports, 2022, 4, 94-98.	0.3	0

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19	Futility in Transcatheter Aortic Valve Implantation: A Search for Clarity. Interventional Cardiology Review, 2022, 17, e01.	0.7	6
20	Automated Inâ€Ľine Artificial Intelligence Measured Global Longitudinal Shortening and Mitral Annular Plane Systolic Excursion: Reproducibility and Prognostic Significance. Journal of the American Heart Association, 2022, 11, e023849.	1.6	11
21	Quantitative Myocardial Perfusion Predicts Outcomes in Patients With Prior SurgicalÂRevascularization. Journal of the American College of Cardiology, 2022, 79, 1141-1151.	1.2	10
22	Cardiac Computed Tomography: Application in Valvular Heart Disease. Frontiers in Cardiovascular Medicine, 2022, 9, 849540.	1.1	6
23	Rapid synchronous type 1 IFN and virus-specific TÂcell responses characterize first wave non-severe SARS-CoV-2 infections. Cell Reports Medicine, 2022, 3, 100557.	3.3	36
24	Precision measurement of cardiac structure and function in cardiovascular magnetic resonance using machine learning. Journal of Cardiovascular Magnetic Resonance, 2022, 24, 16.	1.6	30
25	Myocardial Fibrosis Quantified by Cardiac CT Predicts Outcome in Severe Aortic Stenosis After Transcatheter Intervention. JACC: Cardiovascular Imaging, 2022, 15, 542-544.	2.3	9
26	HLAâ€DR polymorphism in SARSâ€CoVâ€2 infection and susceptibility to symptomatic COVIDâ€19. Immunology, 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. JAMA Cardiology, 2022, 7, 513.	3.0	2
28	Study protocol: MyoFit46â€"the cardiac sub-study of the MRC National Survey of Health and Development. BMC Cardiovascular Disorders, 2022, 22, 140.	0.7	4
29	Declining Levels and Bioavailability of IGF-I in Cardiovascular Aging Associate With QT Prolongationâ€"Results From the 1946 British Birth Cohort. Frontiers in Cardiovascular Medicine, 2022, 9, 863988.	1.1	1
30	Multimodality Imaging for Cardiotoxicity: State of the Art and Future Perspectives. Journal of Cardiovascular Pharmacology, 2022, 80, 547-561.	0.8	2
31	Preprocedural Prognostic Factors in Acute Decompensated Aortic Stenosis. American Journal of Cardiology, 2022, 174, 96-100.	0.7	3
32	Immune boosting by B.1.1.529 (Omicron) depends on previous SARS-CoV-2 exposure. Science, 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. BMC Medical Imaging, 2022, 22, .	1.4	0
34	Cardiovascular magnetic resonance in autoimmune rheumatic diseases: a clinical consensus document by the European Association of Cardiovascular Imaging. European Heart Journal Cardiovascular Imaging, 2022, 23, e308-e322.	0.5	21
35	Progression of echocardiographic parameters and prognosis in transthyretin cardiac amyloidosis. European Journal of Heart Failure, 2022, 24, 1700-1712.	2.9	26
36	Age matters: differences in exercise-induced cardiovascular remodelling in young and middle aged healthy sedentary individuals. European Journal of Preventive Cardiology, 2021, 28, 738-746.	0.8	10

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37	The myocardial phenotype of Fabry disease pre-hypertrophy and pre-detectable storage. European Heart Journal Cardiovascular Imaging, 2021, 22, 790-799.	0.5	35
38	Reduction in CMR Derived Extracellular Volume With Patisiran Indicates Cardiac Amyloid Regression. JACC: Cardiovascular Imaging, 2021, 14, 189-199.	2.3	113
39	Prevalence and Outcomes of Concomitant Aortic Stenosis and CardiacÂAmyloidosis. Journal of the American College of Cardiology, 2021, 77, 128-139.	1.2	187
40	Top Cats Often Begin as Underdogs: The Ascent of Trabecular Fractal Analysis with Cardiac MRI. Radiology, 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. The Lancet Digital Health, 2021, 3, e20-e28.	5.9	57
42	Quantitative cardiovascular magnetic resonance myocardial perfusion mapping to assess hyperaemic response to adenosine stress. European Heart Journal Cardiovascular Imaging, 2021, 22, 273-281.	0.5	15
43	A Computationally Efficient Approach to Segmentation of the Aorta and Coronary Arteries Using Deep Learning. IEEE Access, 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. Frontiers in Cardiovascular Medicine, 2021, 8, 631366.	1.1	6
45	A deep learning methodology for the automated detection of end-diastolic frames in intravascular ultrasound images. International Journal of Cardiovascular Imaging, 2021, 37, 1825-1837.	0.7	11
46	Patterns of myocardial injury in recovered troponin-positive COVID-19 patients assessed by cardiovascular magnetic resonance. European Heart Journal, 2021, 42, 1866-1878.	1.0	274
47	Cardiac Involvement in Fabry Disease. Journal of the American College of Cardiology, 2021, 77, 922-936.	1.2	109
48	Antibody response to first BNT162b2 dose in previously SARS-CoV-2-infected individuals. Lancet, 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. Journal of Cardiovascular Magnetic Resonance, 2021, 23, 37.	1.6	11
50	Longitudinal birth cohort study finds that life-course frailty associates with later-life heart size and function. Scientific Reports, 2021, 11, 6272.	1.6	6
51	Time series analysis and mechanistic modelling of heterogeneity and sero-reversion in antibody responses to mild SARSâ€‘CoV-2 infection. EBioMedicine, 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. BMJ Open, 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. Journal of Epidemiology and Community Health, 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.. EClinicalMedicine, 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. Science, 2021, 372, 1418-1423.	6.0	286
56	The Authors Reply:. JACC: Cardiovascular Imaging, 2021, 14, 882-883.	2.3	0
57	Standardising clinical outcomes measures for adult clinical trials in Fabry disease: A global Delphi consensus. Molecular Genetics and Metabolism, 2021, 132, 234-243.	0.5	10
58	Cardiac Magnetic Resonanceâ€"Derived Extracellular Volume Mapping for the Quantification of Hepatic and Splenic Amyloid. Circulation: Cardiovascular Imaging, 2021, 14, CIRCIMAGING121012506.	1.3	19
59	Adenosine perfusion MR imaging â€" a diagnostic aid for ectopic splenic tissue. Polish Archives of Internal Medicine, 2021, 131, 737-739.	0.3	0
60	Prognostic Value of Pulmonary Transit Time and Pulmonary Blood Volume Estimation Using Myocardial PerfusionÂCMR. JACC: Cardiovascular Imaging, 2021, 14, 2107-2119.	2.3	18
61	Noninvasive rapid cardiac magnetic resonance for the assessment of cardiomyopathies in low-middle income countries. Expert Review of Cardiovascular Therapy, 2021, 19, 387-398.	0.6	3
62	Prospective Case-Control Study of Cardiovascular Abnormalities 6ÂMonthsÂFollowing Mild COVID-19 inÂHealthcare Workers. JACC: Cardiovascular Imaging, 2021, 14, 2155-2166.	2.3	111
63	Access to MRI for patients with cardiac pacemakers and implantable cardioverter defibrillators. Open Heart, 2021, 8, e001598.	0.9	12
64	93â€...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€"a UK, multicentre, observational study. Journal of Cardiovascular Magnetic Resonance, 2021, 23, 77.	1.6	14
66	The evolution of cardiovascular COVID-19 research. European Heart Journal, 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. Journal of Cardiovascular Magnetic Resonance, 2021, 23, 82.	1.6	6
68	190â€...Association between carotid distensibility and heart rate variability in older age. , 2021, , .		0
69	Maximal Wall Thickness Measurement in Hypertrophic Cardiomyopathy. JACC: Cardiovascular Imaging, 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€"Evidence Base and Standardized Methods of Imaging. Circulation: Cardiovascular Imaging, 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€"Diagnostic Criteria and Appropriate Utilization. Circulation: Cardiovascular Imaging, 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€"evidence base and standardized methods of imaging. Journal of Nuclear Cardiology, 2021, 28, 1769-1774.	1.4	34

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73	Markers of Myocardial Damage Predict Mortality in Patients With Aortic Stenosis. Journal of the American College of Cardiology, 2021, 78, 545-558.	1.2	41
74	Myocardial Perfusion Defects in Hypertrophic Cardiomyopathy Mutation Carriers. Journal of the American Heart Association, 2021, 10, e020227.	1.6	15
75	The Relationship Between Oxygen Uptake and the Rate of Myocardial Deformation During Exercise. Bioengineered, 2021, 10, 85-93.	1.4	0
76	Advanced deep learning methodology for accurate, real-time segmentation of high-resolution intravascular ultrasound images. International Journal of Cardiology, 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. Annals of Translational Medicine, 2021, 9, 1395-1395.	0.7	6
78	Landmark Detection in Cardiac MRI by Using a Convolutional Neural Network. Radiology: Artificial Intelligence, 2021, 3, e200197.	3.0	24
79	Childhood Bradycardia Associates With Atrioventricular Conduction Defects in Older Age: A Longitudinal Birth Cohort Study. Journal of the American Heart Association, 2021, 10, e021877.	1.6	0
80	Looking for the Right Diagnosis? Cardiovascular Magnetic Resonance Imaging Can Help Differentiate Cardiomyopathies. Heart Lung and Circulation, 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. Lancet Microbe, 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. Cell Host and Microbe, 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. Basic Research in Cardiology, 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. European Heart Journal Quality of Care & Clinical Outcomes, 2021, , .	1.8	0
88	Non-invasive Ischaemia Testing in Patients With Prior Coronary Artery Bypass Graft Surgery: Technical Challenges, Limitations, and Future Directions. Frontiers in Cardiovascular Medicine, 2021, 8, 795195.	1.1	3
89	Heterologous infection and vaccination shapes immunity against SARS-CoV-2 variants. Science, 2021, , eabm0811.	6.0	10
90	106â€ƒThe effective study: development and application of a question-driven, time-effective cardiac magnetic resonance scanning protocol. European Heart Journal Supplements, 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. Frontiers in Cardiovascular Medicine, 2021, 8, 764599.	1.1	9
92	Dilated cardiomyopathy and arrhythmogenic left ventricular cardiomyopathy: a comprehensive genotype-imaging phenotype study. European Heart Journal Cardiovascular Imaging, 2020, 21, 326-336.	0.5	90
93	Quantitative cardiac MRI. Journal of Magnetic Resonance Imaging, 2020, 51, 693-711.	1.9	35
94	Identification of a Multiplex Biomarker Panel for Hypertrophic Cardiomyopathy Using Quantitative Proteomics and Machine Learning. Molecular and Cellular Proteomics, 2020, 19, 114-127.	2.5	32
95	Extracellular Volume Associates WithÂOutcomes More Strongly Than Native or Post-Contrast Myocardial T1. JACC: Cardiovascular Imaging, 2020, 13, 44-54.	2.3	68
96	Noncontrast Magnetic Resonance for theÂDiagnosis of Cardiac Amyloidosis. JACC: Cardiovascular Imaging, 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 2â€"Diagnostic criteria and appropriate utilization. Journal of Nuclear Cardiology, 2020, 27, 659-673.	1.4	97
98	Improvements in Skeletal Muscle Can Be Detected Using Broadband NIRS in First-Time Marathon Runners. Advances in Experimental Medicine and Biology, 2020, 1232, 245-251.	0.8	2
99	Advanced Imaging Insights in ApicalÂHypertrophic Cardiomyopathy. JACC: Cardiovascular Imaging, 2020, 13, 624-630.	2.3	3
100	Training for a First-Time Marathon Reverses Age-Related Aortic Stiffening. Journal of the American College of Cardiology, 2020, 75, 60-71.	1.2	40
101	Making MRI available for patients with cardiac implantable electronic devices: growing need and barriers to change. European Radiology, 2020, 30, 1378-1384.	2.3	24
102	COVID-19. Circulation, 2020, 142, 1120-1122.	1.6	126
103	H3K27ac acetylome signatures reveal the epigenomic reorganization in remodeled non-failing human hearts. Clinical Epigenetics, 2020, 12, 106.	1.8	20
104	The Authors Reply:. JACC: Cardiovascular Imaging, 2020, 13, 1294-1295.	2.3	1
105	Repeatability of Cardiac Magnetic Resonance Radiomics: A Multi-Centre Multi-Vendor Test-Retest Study. Frontiers in Cardiovascular Medicine, 2020, 7, 586236.	1.1	17
106	The Myocardium in Aortic Stenosis Revisited. JACC: Cardiovascular Imaging, 2020, 13, 2270-2273.	2.3	0
107	Identifying Cardiac Amyloid in Aortic Stenosis. JACC: Cardiovascular Imaging, 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. PLoS ONE, 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. SAGE Open Medical Case Reports, 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. Cardiology and Therapy, 2020, 9, 363-376.	1.1	35
111	Myocardial fibrosis in asymptomatic and symptomatic chronic severeÂprimary mitral regurgitation and relationship to tissue characterisation and left ventricularÂfunction on cardiovascular magnetic resonance. Journal of Cardiovascular Magnetic Resonance, 2020, 22, 86.	1.6	13
112	Automated Inline Analysis of Myocardial Perfusion MRI with Deep Learning. Radiology: Artificial Intelligence, 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. BMJ Open, 2020, 10, e035182.	0.8	20
114	Asymptomatic health-care worker screening during the COVID-19 pandemic â€“ Authors' reply. Lancet, The, 2020, 396, 1394-1395.	6.3	7
115	Recreational marathon running does not cause exercise-induced left ventricular hypertrabeculation. International Journal of Cardiology, 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. Magnetic Resonance in Medicine, 2020, 84, 2788-2800.	1.9	19
117	DPD Quantification in CardiacÂAmyloidosis. JACC: Cardiovascular Imaging, 2020, 13, 1353-1363.	2.3	61
118	COVID-19: PCR screening of asymptomatic health-care workers at London hospital. Lancet, The, 2020, 395, 1608-1610.	6.3	295
119	T1 mapping performance and measurement repeatability: results from the multi-national T1 mapping standardization phantom program (T1MES). Journal of Cardiovascular Magnetic Resonance, 2020, 22, 31.	1.6	23
120	Reply. Journal of the American College of Cardiology, 2020, 75, 2278-2279.	1.2	0
121	Inline perfusion mapping provides insights into the disease mechanism in hypertrophic cardiomyopathy. Heart, 2020, 106, 824-829.	1.2	26
122	Rapid Cardiac MRI Protocols: Feasibility and Potential Applications. Current Radiology Reports, 2020, 8, 1.	0.4	7
123	Myocardial Edema, Myocyte Injury, and Disease Severity in Fabry Disease. Circulation: Cardiovascular Imaging, 2020, 13, e010171.	1.3	35
124	Apical Hypertrophic Cardiomyopathy: The Variant Less Known. Journal of the American Heart Association, 2020, 9, e015294.	1.6	72
125	Improving the Generalizability of Convolutional Neural Network-Based Segmentation on CMR Images. Frontiers in Cardiovascular Medicine, 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. BMJ Open, 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. European Journal of Heart Failure, 2020, 22, 1065-1075.	2.9	31
128	Is the immediate effect of marathon running on novice runnersâ€™ knee joints sustained within 6Âmonths after the run? A follow-up 3.0ÂT MRI study. Skeletal Radiology, 2020, 49, 1221-1229.	1.2	10
129	Prevalence of abnormal findings in 230 knees of asymptomatic adults using 3.0ÂT MRI. Skeletal Radiology, 2020, 49, 1099-1107.	1.2	30
130	The Prognostic Significance of Quantitative Myocardial Perfusion: An Artificial Intelligence Based Approach Using Perfusion Mapping. Circulation, 2020, 141, 1282-1291.	1.6	100
131	Extracellular Myocardial Volume in Patients With Aortic Stenosis. Journal of the American College of Cardiology, 2020, 75, 304-316.	1.2	141
132	Echocardiographic phenotype and prognosis in transthyretin cardiac amyloidosis. European Heart Journal, 2020, 41, 1439-1447.	1.0	108
133	Myocardial Inflammation and Edema in People Living With Human Immunodeficiency Virus. JACC: Cardiovascular Imaging, 2020, 13, 1278-1280.	2.3	9
134	Cardiovascular Remodeling Experienced by Real-World, Unsupervised, Young Novice Marathon Runners. Frontiers in Physiology, 2020, 11, 232.	1.3	12
135	Prevalence and outcome of dual aortic stenosis and cardiac amyloid pathologyÂin patients referred for transcatheter aortic valve implantation. European Heart Journal, 2020, 41, 2759-2767.	1.0	128
136	Longitudinal Assessment of CardiacÂInvolvement in Fabry Disease UsingÂCardiovascular Magnetic ResonanceÂImaging. JACC: Cardiovascular Imaging, 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. Cardiology, 2020, 145, 285-293.	0.6	9
138	Cardiovascular Magnetic Resonance and Sport Cardiology: a Growing Role in Clinical Dilemmas. Journal of Cardiovascular Translational Research, 2020, 13, 296-305.	1.1	20
139	Assessment of Multivessel Coronary Artery Disease Using Cardiovascular Magnetic Resonance Pixelwise Quantitative Perfusion Mapping. JACC: Cardiovascular Imaging, 2020, 13, 2546-2557.	2.3	30
140	Discordant neutralizing antibody and T cell responses in asymptomatic and mild SARS-CoV-2 infection. Science Immunology, 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. Wellcome Open Research, 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. Wellcome Open Research, 2020, 5, 179.	0.9	21
143	Computed tomography cardiac angiography for planning invasive angiographic procedures in patients with previous coronary artery bypass grafting. EuroIntervention, 2020, 15, e1351-e1357.	1.4	9
144	Diagnosis and treatment of the cardiovascular consequences of Fabry disease. QJM - Monthly Journal of the Association of Physicians, 2019, 112, 3-9.	0.2	10

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145	Proposed Stages of Myocardial Phenotype Development in FabryÂDisease. JACC: Cardiovascular Imaging, 2019, 12, 1673-1683.	2.3	91
146	Advanced Imaging Modalities to Monitor for Cardiotoxicity. Current Treatment Options in Oncology, 2019, 20, 73.	1.3	33
147	Two-Minute k-Space and Timeâ€"accelerated Aortic Four-dimensional Flow MRI: Dual-Center Study of Feasibility and Impact on Velocity and Wall Shear Stress Quantification. Radiology: Cardiothoracic Imaging, 2019, 1, e180008.	0.9	10
148	Automated Quantitative Stress Perfusion in a Clinical Routine. Magnetic Resonance Imaging Clinics of North America, 2019, 27, 507-520.	0.6	4
149	Multimodality Imaging Markers of Adverse Myocardial Remodeling in Aortic Stenosis. JACC: Cardiovascular Imaging, 2019, 12, 1532-1548.	2.3	30
150	Myocardial Amyloidosis. JACC: Cardiovascular Imaging, 2019, 12, 2345-2356.	2.3	74
151	Sex and regional differences in myocardial plasticity in aortic stenosis are revealed by 3D model machine learning. European Heart Journal Cardiovascular Imaging, 2019, 21, 417-427.	0.5	7
152	Myoarchitectural disarray of hypertrophic cardiomyopathy begins preâ€birth. Journal of Anatomy, 2019, 235, 962-976.	0.9	34
153	Measurement reproducibility of slice-interleaved T1 and T2 mapping sequences over 20 months: A single center study. PLoS ONE, 2019, 14, e0220190.	1.1	7
154	Quantitative Myocardial Perfusion in Fabry Disease. Circulation: Cardiovascular Imaging, 2019, 12, e008872.	1.3	32
155	Can marathon running improve knee damage of middle-aged adults? A prospective cohort study. BMJ Open Sport and Exercise Medicine, 2019, 5, e000586.	1.4	19
156	Hypertrophic cardiomyopathy deserves better â€" ditch the 16 segments. Experimental Physiology, 2019, 104, 1591-1592.	0.9	0
157	ASNC/AHA/ASE/EANM/HFSA/ISA/SCMR/SNMMI expert consensus recommendations for multimodality imaging in cardiac amyloidosis: Part 1 of 2â€"evidence base and standardized methods of imaging. Journal of Nuclear Cardiology, 2019, 26, 2065-2123.	1.4	230
158	ASNC/AHA/ASE/EANM/HFSA/ISA/SCMR/SNMMI Expert Consensus Recommendations for Multimodality Imaging in Cardiac Amyloidosis: Part 2 of 2â€"Diagnostic Criteria and Appropriate Utilization. Journal of Cardiac Failure, 2019, 25, 854-865.	0.7	70
159	ASNC/AHA/ASE/EANM/HFSA/ISA/SCMR/SNMMI Expert Consensus Recommendations for Multimodality Imaging in Cardiac Amyloidosis: Part 1 of 2â€"Evidence Base and Standardized Methods of Imaging. Journal of Cardiac Failure, 2019, 25, e1-e39.	0.7	107
160	Sex differences in left ventricular remodelling, myocardial fibrosis and mortality after aortic valve replacement. Heart, 2019, 105, 1818-1824.	1.2	30
161	New-onset heart failure: free-breathing motion-corrected late gadolinium enhancement rescues the endomyocardial fibrosis diagnosis. European Heart Journal, 2019, 40, 3951-3951.	1.0	0
162	A Multicenter, Scan-Rescan, Human and Machine Learning CMR Study to Test Generalizability and Precision in Imaging Biomarker Analysis. Circulation: Cardiovascular Imaging, 2019, 12, e009214.	1.3	75

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163	The Effect of Blood Composition on T1ÂMapping. JACC: Cardiovascular Imaging, 2019, 12, 1888-1890.	2.3	9
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