

James C Moon

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

487
papers

26,878
citations

78
h-index

153
g-index

586
ext. papers

34,128
ext. citations

6.8
avg, IF

6.95
L-index

| # | Paper | IF | Citations |
|-----|---|------|-----------|
| 487 | Heterologous infection and vaccination shapes immunity against SARS-CoV-2 variants. <i>Science</i> , 2022 , 375, 183-192 | 33.3 | 8 |
| 486 | Cardiac device implantation and device usage in Fabry and hypertrophic cardiomyopathy.. <i>Orphanet Journal of Rare Diseases</i> , 2022 , 17, 6 | 4.2 | 2 |
| 485 | Subclinical Hypertrophic Cardiomyopathy in Elite Athletes: Knowledge Gaps Persist.. <i>JACC: Case Reports</i> , 2022 , 4, 94-98 | 1.2 | |
| 484 | Futility in Transcatheter Aortic Valve Implantation: A Search for Clarity.. <i>Interventional Cardiology Review</i> , 2022 , 17, e01 | 4.2 | 1 |
| 483 | 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 | 6 | 0 |
| 482 | Detailed Assessment of Low-Voltage Zones Localization by Cardiac MRI in Patients With Implantable Devices.. <i>JACC: Clinical Electrophysiology</i> , 2022 , 8, 225-235 | 4.6 | 0 |
| 481 | Impact of afterload and infiltration on coexisting aortic stenosis and transthyretin amyloidosis. <i>Heart</i> , 2022 , 108, 67-72 | 5.1 | 0 |
| 480 | Looking for the Right Diagnosis? Cardiovascular Magnetic Resonance Imaging Can Help Differentiate Cardiomyopathies. <i>Heart Lung and Circulation</i> , 2022 , 31, 7-16 | 1.8 | |
| 479 | Quantitative Myocardial Perfusion Predicts Outcomes in Patients With Prior Surgical Revascularization.. <i>Journal of the American College of Cardiology</i> , 2022 , 79, 1141-1151 | 15.1 | 1 |
| 478 | Cardiac Computed Tomography: Application in Valvular Heart Disease.. <i>Frontiers in Cardiovascular Medicine</i> , 2022 , 9, 849540 | 5.4 | 1 |
| 477 | 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 | 18 | 1 |
| 476 | Precision measurement of cardiac structure and function in cardiovascular magnetic resonance using machine learning.. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2022 , 24, 16 | 6.9 | 2 |
| 475 | HLA-DR polymorphism in SARS-CoV-2 infection and susceptibility to symptomatic COVID-19.. <i>Immunology</i> , 2022 , | 7.8 | 4 |
| 474 | Study protocol: MyoFit46-the cardiac sub-study of the MRC National Survey of Health and Development.. <i>BMC Cardiovascular Disorders</i> , 2022 , 22, 140 | 2.3 | 0 |
| 473 | 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 | 5.4 | 0 |
| 472 | 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 | 3.9 | 2 |
| 471 | The myocardial phenotype of Fabry disease pre-hypertrophy and pre-detectable storage. <i>European Heart Journal Cardiovascular Imaging</i> , 2021 , 22, 790-799 | 4.1 | 7 |

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| 470 | Effective Study: Development and Application of a Question-Driven, Time-Effective Cardiac Magnetic Resonance Scanning Protocol.. <i>Journal of the American Heart Association</i> , 2021 , e022605 | 6 | 0 |
| 469 | 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 | 5.4 | |
| 468 | Pre-existing polymerase-specific T cells expand in abortive seronegative SARS-CoV-2. <i>Nature</i> , 2021 , | 50.4 | 49 |
| 467 | Predicting Survival in Repaired Tetralogy of Fallot: A Lesion-Specific and Personalized Approach. <i>JACC: Cardiovascular Imaging</i> , 2021 , 15, 257-257 | 8.4 | 3 |
| 466 | Prior infection with SARS-CoV-2 boosts and broadens Ad26.COVS.S immunogenicity in a variant-dependent manner. <i>Cell Host and Microbe</i> , 2021 , 29, 1611-1619.e5 | 23.4 | 38 |
| 465 | Guidelines for the monitoring and management of iron overload in patients with haemoglobinopathies and rare anaemias. <i>British Journal of Haematology</i> , 2021 , | 4.5 | 1 |
| 464 | 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 | 11.8 | 3 |
| 463 | Antibody response to first BNT162b2 dose in previously SARS-CoV-2-infected individuals. <i>Lancet, The</i> , 2021 , 397, 1057-1058 | 40 | 214 |
| 462 | 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 | 6.9 | 2 |
| 461 | Longitudinal birth cohort study finds that life-course frailty associates with later-life heart size and function. <i>Scientific Reports</i> , 2021 , 11, 6272 | 4.9 | 2 |
| 460 | 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 | 8.8 | 36 |
| 459 | 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 | 3 | 20 |
| 458 | 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 | 5.1 | 4 |
| 457 | 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 | 11.3 | 8 |
| 456 | Prior SARS-CoV-2 infection rescues B and T cell responses to variants after first vaccine dose. <i>Science</i> , 2021 , 372, | 33.3 | 136 |
| 455 | The Authors Reply. <i>JACC: Cardiovascular Imaging</i> , 2021 , 14, 882-883 | 8.4 | |
| 454 | 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 | 3.7 | 2 |
| 453 | Cardiac Magnetic Resonance-Derived Extracellular Volume Mapping for the Quantification of Hepatic and Splenic Amyloid. <i>Circulation: Cardiovascular Imaging</i> , 2021 , CIRCIMAGING121012506 | 3.9 | 7 |

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| 452 | Prognostic Value of Pulmonary Transit Time and Pulmonary Blood Volume Estimation Using Myocardial Perfusion CMR. <i>JACC: Cardiovascular Imaging</i> , 2021 , 14, 2107-2119 | 8.4 | 1 |
| 451 | 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 | 2.5 | 1 |
| 450 | Prospective Case-Control Study of Cardiovascular Abnormalities 6 Months Following Mild COVID-19 in Healthcare Workers. <i>JACC: Cardiovascular Imaging</i> , 2021 , 14, 2155-2166 | 8.4 | 34 |
| 449 | Access to MRI for patients with cardiac pacemakers and implantable cardioverter defibrillators. <i>Open Heart</i> , 2021 , 8, | 3 | 2 |
| 448 | Demographic, multi-morbidity and genetic impact on myocardial involvement and its recovery from COVID-19: protocol design of COVID-HEART-a UK, multicentre, observational study. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2021 , 23, 77 | 6.9 | 6 |
| 447 | The evolution of cardiovascular COVID-19 research. <i>European Heart Journal</i> , 2021 , 42, 2953-2954 | 9.5 | 1 |
| 446 | 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 | 6.9 | 3 |
| 445 | Maximal Wall Thickness Measurement in Hypertrophic Cardiomyopathy: Biomarker Variability and its Impact on Clinical Care. <i>JACC: Cardiovascular Imaging</i> , 2021 , 14, 2123-2134 | 8.4 | 2 |
| 444 | 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>Circulation: Cardiovascular Imaging</i> , 2021 , 14, e000029 | 3.9 | 12 |
| 443 | 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>Circulation: Cardiovascular Imaging</i> , 2021 , 14, e000030 | 3.9 | 6 |
| 442 | Reduction in CMR Derived Extracellular Volume With Patisiran Indicates Cardiac Amyloid Regression. <i>JACC: Cardiovascular Imaging</i> , 2021 , 14, 189-199 | 8.4 | 34 |
| 441 | Prevalence and Outcomes of Concomitant Aortic Stenosis and Cardiac Amyloidosis. <i>Journal of the American College of Cardiology</i> , 2021 , 77, 128-139 | 15.1 | 50 |
| 440 | 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 | 14.4 | 19 |
| 439 | 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 | 4.1 | 3 |
| 438 | A Computationally Efficient Approach to Segmentation of the Aorta and Coronary Arteries Using Deep Learning. <i>IEEE Access</i> , 2021 , 9, 108873-108888 | 3.5 | 2 |
| 437 | 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 | 5.4 | 1 |
| 436 | 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> , 2021 , | 9.5 | 3 |
| 435 | 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 | 2.5 | 3 |

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| 434 | 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 | 9.5 | 112 |
| 433 | Cardiac Involvement in Fabry Disease: JACC Review Topic of the Week. <i>Journal of the American College of Cardiology</i> , 2021 , 77, 922-936 | 15.1 | 26 |
| 432 | Hypertrophic cardiomyopathy: insights from extracellular volume mapping. <i>European Journal of Preventive Cardiology</i> , 2021 , | 3.9 | 2 |
| 431 | 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> , 2021 , | 3.3 | 1 |
| 430 | 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 Nuclear Cardiology</i> , 2021 , 28, 1769-1774 | 2.1 | 4 |
| 429 | Markers of Myocardial Damage Predict Mortality in Patients With Aortic Stenosis. <i>Journal of the American College of Cardiology</i> , 2021 , 78, 545-558 | 15.1 | 7 |
| 428 | Myocardial Perfusion Defects in Hypertrophic Cardiomyopathy Mutation Carriers. <i>Journal of the American Heart Association</i> , 2021 , 10, e020227 | 6 | 2 |
| 427 | Clinical Importance of Left Atrial Infiltration in Cardiac Transthyretin Amyloidosis. <i>JACC: Cardiovascular Imaging</i> , 2021 , | 8.4 | 12 |
| 426 | The Relationship Between Oxygen Uptake and the Rate of Myocardial Deformation During Exercise. <i>Bioengineered</i> , 2021 , 10, 85-93 | 5.7 | |
| 425 | 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 | 3.2 | 4 |
| 424 | 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 | 3.2 | 0 |
| 423 | Landmark Detection in Cardiac MRI by Using a Convolutional Neural Network. <i>Radiology: Artificial Intelligence</i> , 2021 , 3, e200197 | 8.7 | 4 |
| 422 | 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 | 6 | |
| 421 | 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> , 2021 , 2, e508-e517 | 22.2 | 9 |
| 420 | Heterologous infection and vaccination shapes immunity against SARS-CoV-2 variants. <i>Science</i> , 2021 , eabm0811 | 33.3 | 4 |
| 419 | Myocardial Fibrosis Quantified by Cardiac CT Predicts Outcome in Severe Aortic Stenosis After Transcatheter Intervention.. <i>JACC: Cardiovascular Imaging</i> , 2021 , 15, 542-542 | 8.4 | 1 |
| 418 | 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 | 5.4 | 1 |
| 417 | Automated Inline Analysis of Myocardial Perfusion MRI with Deep Learning. <i>Radiology: Artificial Intelligence</i> , 2020 , 2, e200009 | 8.7 | 11 |

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| 416 | 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 | 3 | 8 |
| 415 | Asymptomatic health-care worker screening during the COVID-19 pandemic - AuthorsPreply. <i>Lancet, The</i> , 2020 , 396, 1394-1395 | 40 | 6 |
| 414 | Recreational marathon running does not cause exercise-induced left ventricular hypertrabeculation. <i>International Journal of Cardiology</i> , 2020 , 315, 67-71 | 3.2 | 4 |
| 413 | 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 | 4.4 | 11 |
| 412 | DPD Quantification in Cardiac Amyloidosis: A Novel Imaging Biomarker. <i>JACC: Cardiovascular Imaging</i> , 2020 , 13, 1353-1363 | 8.4 | 21 |
| 411 | COVID-19: PCR screening of asymptomatic health-care workers at London hospital. <i>Lancet, The</i> , 2020 , 395, 1608-1610 | 40 | 219 |
| 410 | T mapping performance and measurement repeatability: results from the multi-national T mapping standardization phantom program (T1MES). <i>Journal of Cardiovascular Magnetic Resonance</i> , 2020 , 22, 31 | 6.9 | 10 |
| 409 | Reply: Rejuvenating Pheidippides and the Evergreen Benefits of Endurance Training. <i>Journal of the American College of Cardiology</i> , 2020 , 75, 2278-2279 | 15.1 | |
| 408 | Inline perfusion mapping provides insights into the disease mechanism in hypertrophic cardiomyopathy. <i>Heart</i> , 2020 , 106, 824-829 | 5.1 | 11 |
| 407 | Rapid Cardiac MRI Protocols: Feasibility and Potential Applications. <i>Current Radiology Reports</i> , 2020 , 8, 1 | 0.5 | 3 |
| 406 | Myocardial Edema, Myocyte Injury, and Disease Severity in Fabry Disease. <i>Circulation: Cardiovascular Imaging</i> , 2020 , 13, e010171 | 3.9 | 13 |
| 405 | Apical Hypertrophic Cardiomyopathy: The Variant Less Known. <i>Journal of the American Heart Association</i> , 2020 , 9, e015294 | 6 | 19 |
| 404 | Improving the Generalizability of Convolutional Neural Network-Based Segmentation on CMR Images. <i>Frontiers in Cardiovascular Medicine</i> , 2020 , 7, 105 | 5.4 | 40 |
| 403 | 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 | 3 | 3 |
| 402 | 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 | 12.3 | 17 |
| 401 | Is the immediate effect of marathon running on novice runners knee joints sustained within 6 months after the run? A follow-up 3.0 T MRI study. <i>Skeletal Radiology</i> , 2020 , 49, 1221-1229 | 2.7 | 6 |
| 400 | Prevalence of abnormal findings in 230 knees of asymptomatic adults using 3.0 T MRI. <i>Skeletal Radiology</i> , 2020 , 49, 1099-1107 | 2.7 | 10 |
| 399 | The Prognostic Significance of Quantitative Myocardial Perfusion: An Artificial Intelligence-Based Approach Using Perfusion Mapping. <i>Circulation</i> , 2020 , 141, 1282-1291 | 16.7 | 51 |

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|-----|--|------|----|
| 398 | Extracellular Myocardial Volume in Patients With Aortic Stenosis. <i>Journal of the American College of Cardiology</i> , 2020 , 75, 304-316 | 15.1 | 69 |
| 397 | Echocardiographic phenotype and prognosis in transthyretin cardiac amyloidosis. <i>European Heart Journal</i> , 2020 , 41, 1439-1447 | 9.5 | 50 |
| 396 | Myocardial Inflammation and Edema in People Living With Human Immunodeficiency Virus. <i>JACC: Cardiovascular Imaging</i> , 2020 , 13, 1278-1280 | 8.4 | 4 |
| 395 | Cardiovascular Remodeling Experienced by Real-World, Unsupervised, Young Novice Marathon Runners. <i>Frontiers in Physiology</i> , 2020 , 11, 232 | 4.6 | 6 |
| 394 | 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 | 9.5 | 52 |
| 393 | Dilated cardiomyopathy and arrhythmogenic left ventricular cardiomyopathy: a comprehensive genotype-imaging phenotype study. <i>European Heart Journal Cardiovascular Imaging</i> , 2020 , 21, 326-336 | 4.1 | 46 |
| 392 | Sex and regional differences in myocardial plasticity in aortic stenosis are revealed by 3D model machine learning. <i>European Heart Journal Cardiovascular Imaging</i> , 2020 , 21, 417-427 | 4.1 | 5 |
| 391 | Discordant neutralizing antibody and T cell responses in asymptomatic and mild SARS-CoV-2 infection. <i>Science Immunology</i> , 2020 , 5, | 2.8 | 98 |
| 390 | 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 | 4.8 | 10 |
| 389 | 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 | 4.8 | 16 |
| 388 | Computed tomography cardiac angiography for planning invasive angiographic procedures in patients with previous coronary artery bypass grafting. <i>EuroIntervention</i> , 2020 , 15, e1351-e1357 | 3.1 | 4 |
| 387 | Cardiovascular Magnetic Resonance and Sport Cardiology: a Growing Role in Clinical Dilemmas. <i>Journal of Cardiovascular Translational Research</i> , 2020 , 13, 296-305 | 3.3 | 8 |
| 386 | Assessment of Multivessel Coronary Artery Disease Using Cardiovascular Magnetic Resonance Pixelwise Quantitative Perfusion Mapping. <i>JACC: Cardiovascular Imaging</i> , 2020 , 13, 2546-2557 | 8.4 | 7 |
| 385 | 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 | 3.6 | 1 |
| 384 | Advanced Imaging Insights in Apical Hypertrophic Cardiomyopathy. <i>JACC: Cardiovascular Imaging</i> , 2020 , 13, 624-630 | 8.4 | 0 |
| 383 | Training for a First-Time Marathon Reverses Age-Related Aortic Stiffening. <i>Journal of the American College of Cardiology</i> , 2020 , 75, 60-71 | 15.1 | 22 |
| 382 | Making MRI available for patients with cardiac implantable electronic devices: growing need and barriers to change. <i>European Radiology</i> , 2020 , 30, 1378-1384 | 8 | 9 |
| 381 | COVID-19: Myocardial Injury in Survivors. <i>Circulation</i> , 2020 , 142, 1120-1122 | 16.7 | 75 |

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| 380 | H3K27ac acetylome signatures reveal the epigenomic reorganization in remodeled non-failing human hearts. <i>Clinical Epigenetics</i> , 2020 , 12, 106 | 7.7 | 9 |
| 379 | The Authors Reply. <i>JACC: Cardiovascular Imaging</i> , 2020 , 13, 1294-1295 | 8.4 | 0 |
| 378 | Repeatability of Cardiac Magnetic Resonance Radiomics: A Multi-Centre Multi-Vendor Test-Retest Study. <i>Frontiers in Cardiovascular Medicine</i> , 2020 , 7, 586236 | 5.4 | 4 |
| 377 | The Myocardium in Aortic Stenosis Revisited: More Complex Than Just Myocytes and Interstitial Diffuse Fibrosis. <i>JACC: Cardiovascular Imaging</i> , 2020 , 13, 2270-2273 | 8.4 | |
| 376 | Identifying Cardiac Amyloid in Aortic Stenosis: ECV Quantification by CT in TAVR Patients. <i>JACC: Cardiovascular Imaging</i> , 2020 , 13, 2177-2189 | 8.4 | 20 |
| 375 | 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 | 3.7 | 7 |
| 374 | 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, 2050313X20944307 | 0.7 | 1 |
| 373 | 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 | 2.8 | 19 |
| 372 | 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 | 6.9 | 4 |
| 371 | Quantitative cardiac MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2020 , 51, 693-711 | 5.6 | 12 |
| 370 | 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 | 7.6 | 18 |
| 369 | Extracellular Volume Associates With Outcomes More Strongly Than Native or Post-Contrast Myocardial T1. <i>JACC: Cardiovascular Imaging</i> , 2020 , 13, 44-54 | 8.4 | 35 |
| 368 | Noncontrast Magnetic Resonance for the Diagnosis of Cardiac Amyloidosis. <i>JACC: Cardiovascular Imaging</i> , 2020 , 13, 69-80 | 8.4 | 63 |
| 367 | Longitudinal Assessment of Cardiac Involvement in Fabry Disease Using Cardiovascular Magnetic Resonance Imaging. <i>JACC: Cardiovascular Imaging</i> , 2020 , 13, 1850-1852 | 8.4 | 1 |
| 366 | 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 | 1.6 | 2 |
| 365 | 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 Cardiac Failure</i> , 2019 , 25, 854-865 | 3.3 | 40 |
| 364 | 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> , 2019 , 25, e1-e39 | 3.3 | 56 |
| 363 | Sex differences in left ventricular remodelling, myocardial fibrosis and mortality after aortic valve replacement. <i>Heart</i> , 2019 , 105, 1818-1824 | 5.1 | 13 |

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|-----|--|------|----|
| 362 | New-onset heart failure: free-breathing motion-corrected late gadolinium enhancement rescues the endomyocardial fibrosis diagnosis. <i>European Heart Journal</i> , 2019 , 40, 3951 | 9.5 | |
| 361 | A Multicenter, Scan-Rescan, Human and Machine Learning CMR Study to Test Generalizability and Precision in Imaging Biomarker Analysis. <i>Circulation: Cardiovascular Imaging</i> , 2019 , 12, e009214 | 3.9 | 43 |
| 360 | The Effect of Blood Composition on T1 Mapping. <i>JACC: Cardiovascular Imaging</i> , 2019 , 12, 1888-1890 | 8.4 | 2 |
| 359 | Quantitative myocardial perfusion in coronary artery disease: A perfusion mapping study. <i>Journal of Magnetic Resonance Imaging</i> , 2019 , 50, 756-762 | 5.6 | 15 |
| 358 | Interrogation of the infarcted and salvaged myocardium using multi-parametric mapping cardiovascular magnetic resonance in reperfused ST-segment elevation myocardial infarction patients. <i>Scientific Reports</i> , 2019 , 9, 9056 | 4.9 | 1 |
| 357 | A randomised controlled trial evaluating arrhythmia burden, risk of sudden cardiac death and stroke in patients with Fabry disease: the role of implantable loop recorders (RaILRoAD) compared with current standard practice. <i>Trials</i> , 2019 , 20, 314 | 2.8 | 4 |
| 356 | Early effects of kidney transplantation on the heart - A cardiac magnetic resonance multi-parametric study. <i>International Journal of Cardiology</i> , 2019 , 293, 272-277 | 3.2 | 15 |
| 355 | Motion-corrected free-breathing LGE delivers high quality imaging and reduces scan time by half: an independent validation study. <i>International Journal of Cardiovascular Imaging</i> , 2019 , 35, 1893-1901 | 2.5 | 9 |
| 354 | Cardiac Rhythm Device Identification Using Neural Networks. <i>JACC: Clinical Electrophysiology</i> , 2019 , 5, 576-586 | 4.6 | 22 |
| 353 | MRI for patients with cardiac implantable electronic devices: simplifying complexity with a one-stop service model. <i>BMJ Quality and Safety</i> , 2019 , 28, 853-858 | 5.4 | 7 |
| 352 | Extreme cardiac iron loading in transfusion-dependent thalassaemia major: cardiac T2* and T1 mapping guiding treatment. <i>European Heart Journal</i> , 2019 , 40, 3578 | 9.5 | 0 |
| 351 | High Prevalence of Intracardiac Thrombi in Cardiac Amyloidosis. <i>Journal of the American College of Cardiology</i> , 2019 , 73, 1733-1734 | 15.1 | 26 |
| 350 | Acute changes in cardiac structural and tissue characterisation parameters following haemodialysis measured using cardiovascular magnetic resonance. <i>Scientific Reports</i> , 2019 , 9, 1388 | 4.9 | 15 |
| 349 | Diagnosis and treatment of the cardiovascular consequences of Fabry disease. <i>QJM - Monthly Journal of the Association of Physicians</i> , 2019 , 112, 3-9 | 2.7 | 5 |
| 348 | Proposed Stages of Myocardial Phenotype Development in Fabry Disease. <i>JACC: Cardiovascular Imaging</i> , 2019 , 12, 1673-1683 | 8.4 | 44 |
| 347 | Advanced Imaging Modalities to Monitor for Cardiotoxicity. <i>Current Treatment Options in Oncology</i> , 2019 , 20, 73 | 5.4 | 21 |
| 346 | 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 | 8.3 | 6 |
| 345 | Automated Quantitative Stress Perfusion in a Clinical Routine. <i>Magnetic Resonance Imaging Clinics of North America</i> , 2019 , 27, 507-520 | 1.6 | 2 |

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| 4 | Prior infection with SARS-CoV-2 boosts and broadens Ad26.COVS immunogenicity in a variant dependent manner | | 2 |
| 3 | Pre-existing polymerase-specific T cells expand in abortive seronegative SARS-CoV-2 infection | | 13 |

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