# Yuchi Han

#### List of Publications by Citations

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3,096 115 20 53 g-index h-index citations papers 5.2 125 4,252 5.3 L-index avg, IF ext. citations ext. papers

#	Paper	IF	Citations
115	Recommendations for Noninvasive Evaluation of Native Valvular Regurgitation: A Report from the American Society of Echocardiography Developed in Collaboration with the Society for Cardiovascular Magnetic Resonance. <i>Journal of the American Society of Echocardiography</i> , <b>2017</b> , 30, 303	5.8 - <b>371</b>	1331
114	Cardiovascular manifestations and treatment considerations in COVID-19. <i>Heart</i> , <b>2020</b> , 106, 1132-1141	5.1	194
113	Cardiovascular magnetic resonance characterization of mitral valve prolapse. <i>JACC: Cardiovascular Imaging</i> , <b>2008</b> , 1, 294-303	8.4	139
112	Recurrence of atrial fibrillation correlates with the extent of post-procedural late gadolinium enhancement: a pilot study. <i>JACC: Cardiovascular Imaging</i> , <b>2009</b> , 2, 308-16	8.4	133
111	Overexpression of HAX-1 protects cardiac myocytes from apoptosis through caspase-9 inhibition. <i>Circulation Research</i> , <b>2006</b> , 99, 415-23	15.7	110
110	Predictors of recovery of left ventricular dysfunction after ablation of frequent ventricular premature depolarizations. <i>Heart Rhythm</i> , <b>2012</b> , 9, 1465-72	6.7	91
109	Comparison of cardiac MRI tissue tracking and myocardial tagging for assessment of regional ventricular strain. <i>International Journal of Cardiovascular Imaging</i> , <b>2012</b> , 28, 2009-18	2.5	49
108	Impact of age, sex, and indexation method on MR left ventricular reference values in the Framingham Heart Study offspring cohort. <i>Journal of Magnetic Resonance Imaging</i> , <b>2015</b> , 41, 1038-45	5.6	43
107	Society for Cardiovascular Magnetic Resonance (SCMR) guidance for the practice of cardiovascular magnetic resonance during the COVID-19 pandemic. <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2020</b> , 22, 26	6.9	37
106	Altered Right Ventricular Kinetic Energy Work Density and Viscous Energy Dissipation in Patients with Pulmonary Arterial Hypertension: A Pilot Study Using 4D Flow MRI. <i>PLoS ONE</i> , <b>2015</b> , 10, e0138365	3.7	29
105	Cardiac Sarcoidosis. <i>American Journal of Cardiology</i> , <b>2019</b> , 123, 513-522	3	28
104	The Influence of Mitral Annuloplasty on Left Ventricular Flow Dynamics. <i>Annals of Thoracic Surgery</i> , <b>2015</b> , 100, 114-121	2.7	27
103	Shorter difference between myocardium and blood optimal inversion time suggests diffuse fibrosis in dilated cardiomyopathy. <i>Journal of Magnetic Resonance Imaging</i> , <b>2009</b> , 30, 967-72	5.6	27
102	Targeting TGF-beta and the extracellular matrix in Marfan's syndrome. <i>Developmental Cell</i> , <b>2008</b> , 15, 1-2	10.2	27
101	Imaging characteristics of papillary muscle site of origin of ventricular arrhythmias in patients with mitral valve prolapse. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2018</b> , 29, 146-153	2.7	24
100	Papillary muscle ventricular arrhythmias in patients with arrhythmic mitral valve prolapse: Electrophysiologic substrate and catheter ablation outcomes. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2019</b> , 30, 827-835	2.7	23
99	Assessment of right ventricular function by transthoracic echocardiography following aortic valve replacement. <i>Echocardiography</i> , <b>2014</b> , 31, 552-7	1.5	23

## (2018-2010)

CMR predictors of mitral regurgitation in mitral valve prolapse. <i>JACC: Cardiovascular Imaging</i> , <b>2010</b> , 3, 1037-45	8.4	23
Evaluation of papillary muscle function using cardiovascular magnetic resonance imaging in mitral valve prolapse. <i>American Journal of Cardiology</i> , <b>2010</b> , 106, 243-8	3	22
Left atrial volume best predicts recurrence after catheter ablation in patients with persistent and longstanding persistent atrial fibrillation. <i>PACE - Pacing and Clinical Electrophysiology</i> , <b>2014</b> , 37, 422-9	1.6	21
Resveratrol preserves myocardial function and perfusion in remote nonischemic myocardium in a swine model of metabolic syndrome. <i>Journal of the American College of Surgeons</i> , <b>2012</b> , 215, 681-9	4.4	19
Text mining applied to electronic cardiovascular procedure reports to identify patients with trileaflet aortic stenosis and coronary artery disease. <i>Journal of Biomedical Informatics</i> , <b>2017</b> , 72, 77-84	10.2	18
Left Ventricular Myocardial Deformation on Cine MR Images: Relationship to Severity of Disease and Prognosis in Light-Chain Amyloidosis. <i>Radiology</i> , <b>2018</b> , 288, 73-80	20.5	18
Right ventricular involvement evaluated by cardiac magnetic resonance imaging predicts mortality in patients with light chain amyloidosis. <i>Heart and Vessels</i> , <b>2018</b> , 33, 170-179	2.1	18
Evaluation of cardiac masses by CMR-strengths and pitfalls: a tertiary center experience. <i>International Journal of Cardiovascular Imaging</i> , <b>2016</b> , 32, 913-20	2.5	18
Assessing Myocardial Disease Using T MRI. Current Cardiovascular Imaging Reports, 2014, 7, 9248	0.7	17
Circumferential myocardial strain in cardiomyopathy with and without left bundle branch block. <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2010</b> , 12, 2	6.9	17
Elevated Extracellular Volume Fraction and Reduced Global Longitudinal Strains in Participants Recovered from COVID-19 without Clinical Cardiac Findings. <i>Radiology</i> , <b>2021</b> , 299, E230-E240	20.5	17
Hydroxychloroquine-induced cardiomyopathy and heart failure in twins. <i>Journal of Thoracic Disease</i> , <b>2018</b> , 10, E70-E73	2.6	17
Regional amyloid distribution and impact on mortality in light-chain amyloidosis: a T1 mapping cardiac magnetic resonance study. <i>Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis</i> , <b>2019</b> , 26, 45-51	2.7	16
Reference value of left and right atrial size and phasic function by SSFP CMR at 3.0 T in healthy Chinese adults. <i>Scientific Reports</i> , <b>2017</b> , 7, 3196	4.9	15
Myocarditis and Other Cardiovascular Complications of the mRNA-Based COVID-19 Vaccines. <i>Cureus</i> , <b>2021</b> , 13, e15576	1.2	15
The impact of gender on cardiovascular system calcification in very elderly patients with severe aortic stenosis. <i>International Journal of Cardiovascular Imaging</i> , <b>2016</b> , 32, 173-9	2.5	14
User-initialized active contour segmentation and golden-angle real-time cardiovascular magnetic resonance enable accurate assessment of LV function in patients with sinus rhythm and arrhythmias. <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2015</b> , 17, 37	6.9	14
Phenotypic diversity identified by cardiac magnetic resonance in a large hypertrophic cardiomyopathy family with a single MYH7 mutation. <i>Scientific Reports</i> , <b>2018</b> , 8, 973	4.9	13
	Evaluation of papillary muscle function using cardiovascular magnetic resonance imaging in mitral valve prolapse. <i>American Journal of Cardiology</i> , 2010, 106, 243-8  Left atrial volume best predicts recurrence after catheter ablation in patients with persistent and longstanding persistent atrial fibrillation. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2014, 37, 422-9  Resveratrol preserves myocardial function and perfusion in remote nonischemic myocardium in a swine model of metabolic syndrome. <i>Journal of the American College of Surgeons</i> , 2012, 215, 681-9  Text mining applied to electronic cardiovascular procedure reports to identify patients with trileaflet aortic stenosis and coronary artery disease. <i>Journal of Biomedical Informatics</i> , 2017, 72, 77-84  Left Ventricular Myocardial Deformation on Cine MR Images: Relationship to Severity of Disease and Prognosis in Light-Chain Amyloidosis. <i>Radiology</i> , 2018, 288, 73-80  Right ventricular involvement evaluated by cardiac magnetic resonance imaging predicts mortality in patients with light chain amyloidosis. <i>Heart and Vessels</i> , 2018, 33, 170-179  Evaluation of cardiac masses by CMR-strengths and pitfalls: a tertiary center experience. <i>International Journal of Cardiovascular Imaging</i> , 2016, 32, 913-20  Assessing Myocardial Disease Using T MRI. <i>Current Cardiovascular Imaging Reports</i> , 2014, 7, 9248  Circumferential myocardial strain in cardiomyopathy with and without left bundle branch block. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2010, 12, 2  Elevated Extracellular Volume Fraction and Reduced Global Longitudinal Strains in Participants Recovered from COVID-19 without Clinical Cardiac Findings. <i>Radiology</i> , 2021, 299, E230-E240  Hydroxychloroquine-induced cardiomyopathy and heart failure in twins. <i>Journal of Thoracic Disease</i> , 2018, 10, E70-E73  Regional amyloid distribution and impact on mortality in light-chain amyloidosis: a T1 mapping cardiac magnetic resonance study. <i>Amyloid: the International Journal of Experimental and Clinical Investiga</i>	Evaluation of papillary muscle function using cardiovascular magnetic resonance imaging in mitral valve prolapse. American Journal of Cardiology, 2010, 106, 243-8  Left atrial volume beet predicts recurrence after catheter ablation in patients with persistent and longstanding persistent atrial fibrillation. PACE - Pacing and Clinical Electrophysiology, 2014, 37, 422-9  Resveratrol preserves myocardial Function and perfusion in remote nonischemic myocardium in a swine model of metabolic syndrome. Journal of the American College of Surgeons, 2012, 215, 681-9  Text mining applied to electronic cardiovascular procedure reports to identify patients with trileaflet aortic stenosis and coronary artery disease. Journal of Biomedical Informatics, 2017, 72, 77-84  Left Ventricular Myocardial Deformation on Cine MR Images: Relationship to Severity of Disease and Prognosis in Light-Chain Amyloidosis. Radiology, 2018, 288, 73-80  Right ventricular involvement evaluated by cardiac magnetic resonance imaging predicts mortality in patients with light chain amyloidosis. Heart and Vessels, 2018, 33, 170-179  Evaluation of cardiac masses by CMR-strengths and pitfalls: a tertiary center experience. International Journal of Cardiovascular Imaging, 2016, 32, 913-20  Assessing Myocardial Disease Using T MRI. Current Cardiovascular Imaging Reports, 2014, 7, 9248  Ordicumferential myocardial strain in cardiomyopathy with and without left bundle branch block. Journal of Cardiovascular Magnetic Resonance, 2010, 12, 2  Elevated Extracellular Volume Fraction and Reduced Global Longitudinal Strains in Participants Recovered from COVID-19 without Clinical Cardiac Findings. Radiology, 2021, 299, E230-E240  Hydroxychloroquine-induced cardiomyopathy and heart failure in twins. Journal of Thoracic Disease, 2018, 10, E70-E73  Regional amyloid distribution and impact on mortality in light-chain amyloidosis: a T1 mapping cardiac magnetic resonance study. Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Jou

80	Early detection of myocardial involvement by T mapping of cardiac MRI in idiopathic inflammatory myopathy. <i>Journal of Magnetic Resonance Imaging</i> , <b>2018</b> , 48, 415-422	5.6	13
79	Age and Gender Impact the Measurement of Myocardial Interstitial Fibrosis in a Healthy Adult Chinese Population: A Cardiac Magnetic Resonance Study. <i>Frontiers in Physiology</i> , <b>2018</b> , 9, 140	4.6	13
78	Gadobutrol-Enhanced Cardiac Magnetic Resonance Imaging for Detection of Coronary Artery Disease. <i>Journal of the American College of Cardiology</i> , <b>2020</b> , 76, 1536-1547	15.1	13
77	Native T1 and T2 mapping by cardiovascular magnetic resonance imaging in pressure overloaded left and right heart diseases. <i>Journal of Thoracic Disease</i> , <b>2018</b> , 10, 2968-2975	2.6	13
76	Cardiovascular magnetic resonance evidence of myocardial fibrosis and its clinical significance in adolescent and adult patients with Ebstein's anomaly. <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2018</b> , 20, 69	6.9	13
75	Distinct plasma gradients of microRNA-204 in the pulmonary circulation of patients suffering from WHO Groups I and II pulmonary hypertension. <i>Pulmonary Circulation</i> , <b>2019</b> , 9, 2045894019840646	2.7	12
74	Improved segmental myocardial strain reproducibility using deformable registration algorithms compared with feature tracking cardiac MRI and speckle tracking echocardiography. <i>Journal of Magnetic Resonance Imaging</i> , <b>2018</b> , 48, 404-414	5.6	12
73	The prognostic value of biventricular long axis strain using standard cardiovascular magnetic resonance imaging in patients with hypertrophic cardiomyopathy. <i>International Journal of Cardiology</i> , <b>2019</b> , 294, 43-49	3.2	12
72	Cardiac MRI right ventricle / left ventricle (RV/LV) volume ratio improves detection of RV enlargement. <i>Journal of Magnetic Resonance Imaging</i> , <b>2016</b> , 43, 1379-85	5.6	12
71	Quantification of Left Ventricular Function With Premature Ventricular Complexes Reveals Variable Hemodynamics. <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2016</b> , 9, e003520	6.4	12
70	Left ventricular midwall fibrosis as a predictor of sudden cardiac death in non-ischaemic dilated cardiomyopathy: a meta-analysis. <i>ESC Heart Failure</i> , <b>2020</b> , 7, 2184-2192	3.7	11
69	Reference values of cardiac ventricular structure and function by steady-state free-procession MRI at 3.0T in healthy adult chinese volunteers. <i>Journal of Magnetic Resonance Imaging</i> , <b>2017</b> , 45, 1684-1692	<u>5</u> .6	10
68	Radiomic Analysis of Native T Mapping Images Discriminates Between MYH7 and MYBPC3-Related Hypertrophic Cardiomyopathy. <i>Journal of Magnetic Resonance Imaging</i> , <b>2020</b> , 52, 1714-1721	5.6	10
67	Rationale and design of the ranolazine PH-RV study: a multicentred randomised and placebo-controlled study of ranolazine to improve RV function in patients with non-group 2 pulmonary hypertension. <i>Open Heart</i> , <b>2018</b> , 5, e000736	3	10
66	Measurement of Myocardial T1Iwith a Motion Corrected, Parametric Mapping Sequence in Humans. <i>PLoS ONE</i> , <b>2016</b> , 11, e0151144	3.7	10
65	Contrast-Enhanced Echocardiography Has the Greatest Impact in Patients with Reduced Ejection Fractions. <i>Journal of the American Society of Echocardiography</i> , <b>2018</b> , 31, 289-296	5.8	9
64	Tricuspid annular plane systolic excursion is dependent on right ventricular volume in addition to function. <i>Echocardiography</i> , <b>2019</b> , 36, 1459-1466	1.5	9
63	Effects of Age-Related Aortic Root Anatomic Changes on Left Ventricular Outflow Tract Pace-Mapping Morphologies: A Cardiac Magnetic Resonance Imaging Validation Study. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2015</b> , 26, 994-999	2.7	9

## (2018-2009)

62	The relationship between body mass index and mortality in patients with acute decompensated heart failure. <i>International Journal of Cardiology</i> , <b>2009</b> , 134, 132-5	3.2	9	
61	Myocardial Tissue Reverse Remodeling After Guideline-Directed Medical Therapy in Idiopathic Dilated Cardiomyopathy. <i>Circulation: Heart Failure</i> , <b>2021</b> , 14, e007944	7.6	9	
60	Accelerated free-breathing 3D T1Icardiovascular magnetic resonance using multicoil compressed sensing. <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2019</b> , 21, 5	6.9	8	
59	Clinical echocardiographic indices of left ventricular diastolic function correlate poorly with pulmonary capillary wedge pressure at 1 year following heart transplantation. <i>International Journal of Cardiovascular Imaging</i> , <b>2015</b> , 31, 783-94	2.5	8	
58	The growth and evolution of cardiovascular magnetic resonance: a 20-year history of the Society for Cardiovascular Magnetic Resonance (SCMR) annual scientific sessions. <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2018</b> , 20, 8	6.9	8	
57	Increased Prognostic Value of Query Amyloid Late Enhancement Score in Light-Chain Cardiac Amyloidosis. <i>Circulation Journal</i> , <b>2018</b> , 82, 739-746	2.9	8	
56	Using all-cause mortality to define severe RV dilation with RV/LV volume ratio. <i>Scientific Reports</i> , <b>2018</b> , 8, 7200	4.9	8	
55	Metabolomics of exercise pulmonary hypertension are intermediate between controls and patients with pulmonary arterial hypertension. <i>Pulmonary Circulation</i> , <b>2019</b> , 9, 2045894019882623	2.7	8	
54	Midventricular hypokinesis as a cardiac manifestation of anaphylaxis: a case report. <i>Journal of the American Society of Echocardiography</i> , <b>2006</b> , 19, 1529.e9-11	5.8	8	
53	Ranolazine Improves Right Ventricular Function in Patients With Precapillary Pulmonary Hypertension: Results From a Double-Blind, Randomized, Placebo-Controlled Trial. <i>Journal of Cardiac Failure</i> , <b>2021</b> , 27, 253-257	3.3	8	
52	Comparison of Non-Contrast Cardiovascular Magnetic Resonance Imaging to Computed Tomography Angiography for Aortic Annular Sizing Before Transcatheter Aortic Valve Replacement. <i>Journal of Invasive Cardiology</i> , <b>2017</b> , 29, 239-245	0.7	8	
51	Cardiac magnetic resonance imaging and electroanatomic voltage discordance in non-ischemic left ventricle ventricular tachycardia and premature ventricular depolarizations. <i>Journal of Interventional Cardiac Electrophysiology</i> , <b>2017</b> , 49, 11-19	2.4	7	
50	Self-gated MRI of multiple beat morphologies in the presence of arrhythmias. <i>Magnetic Resonance in Medicine</i> , <b>2017</b> , 78, 678-688	4.4	7	
49	Society for Cardiovascular Magnetic Resonance (SCMR) guidance for re-activation of cardiovascular magnetic resonance practice after peak phase of the COVID-19 pandemic. <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2020</b> , 22, 58	6.9	7	
48	Echocardiographic determinants of LV functional improvement after transcatheter aortic valve replacement. <i>Catheterization and Cardiovascular Interventions</i> , <b>2016</b> , 87, 1164-72	2.7	7	
47	Metabolic effects of pulmonary obstruction on myocardial functioning: a pilot study using multiple time-point 18F-FDG-PET imaging. <i>Nuclear Medicine Communications</i> , <b>2015</b> , 36, 78-83	1.6	6	
46	RV mass measurement at end-systole: Improved accuracy, Reproducibility, and reduced segmentation time. <i>Journal of Magnetic Resonance Imaging</i> , <b>2015</b> , 42, 1291-6	5.6	6	
45	Right ventricular septomarginal trabeculation hypertrophy is associated with disease severity in patients with pulmonary arterial hypertension. <i>International Journal of Cardiovascular Imaging</i> , <b>2018</b> , 34, 1439-1449	2.5	6	

44	Epicardial Conduction Speed, Electrogram Abnormality, and Computed Tomography Attenuation Associations in Arrhythmogenic Right Ventricular Cardiomyopathy. <i>JACC: Clinical Electrophysiology</i> , <b>2019</b> , 5, 1158-1167	4.6	6
43	Adherence to thresholds: overdiagnosis of left ventricular noncompaction cardiomyopathy. <i>Academic Radiology</i> , <b>2015</b> , 22, 1016-9	4.3	6
42	Diagnostic and prognostic value of right ventricular eccentricity index in pulmonary artery hypertension. <i>Pulmonary Circulation</i> , <b>2020</b> , 10, 2045894019899778	2.7	5
41	Iron imaging in myocardial infarction reperfusion injury. <i>Nature Communications</i> , <b>2020</b> , 11, 3273	17.4	5
40	Four-dimensional flow magnetic resonance imaging visualizes drastic changes in the blood flow in a patient with chronic thromboembolic pulmonary hypertension after pulmonary thromboendarterectomy. <i>European Heart Journal</i> , <b>2016</b> , 37, 2802	9.5	5
39	Determinants of Normal Left Atrial Volume in Heart Failure with Moderate-to-Severely Reduced Ejection Fraction. <i>Cardiology Research and Practice</i> , <b>2018</b> , 2018, 7512758	1.9	5
38	Different Clinical Presentation and Tissue Characterization in a Monozygotic Twin Pair with MYH7 Mutation-Related Hypertrophic Cardiomyopathy. <i>International Heart Journal</i> , <b>2019</b> , 60, 477-481	1.8	4
37	Association of Left Atrial High-Resolution Late Gadolinium Enhancement on Cardiac Magnetic Resonance With Electrogram Abnormalities Beyond Voltage in Patients With Atrial Fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2020</b> , 13, e007586	6.4	4
36	A rare phenotype of heterozygous Danon disease mimicking apical hypertrophic cardiomyopathy. <i>European Heart Journal</i> , <b>2018</b> , 39, 3263-3264	9.5	4
35	Echocardiographic diastolic function assessment is of modest utility in patients with persistent and longstanding persistent atrial fibrillation. <i>IJC Heart and Vasculature</i> , <b>2015</b> , 9, 89-94	2.4	4
34	Prognostic value of left ventricular remodelling index in idiopathic dilated cardiomyopathy. European Heart Journal Cardiovascular Imaging, <b>2021</b> , 22, 1197-1207	4.1	4
33	Left Ventricular Dysfunction in Arrhythmogenic Right Ventricular Cardiomyopathy (ARVC): Can We Separate ARVC From Other Arrhythmogenic Cardiomyopathies?. <i>Journal of the American Heart Association</i> , <b>2020</b> , 9, e018866	6	4
32	Impact of end-diastolic and end-systolic phase selection in the volumetric evaluation of cardiac MRI. <i>Journal of Magnetic Resonance Imaging</i> , <b>2016</b> , 43, 585-93	5.6	3
31	Endogenous T1lardiovascular magnetic resonance in hypertrophic cardiomyopathy. <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2021</b> , 23, 120	6.9	3
30	Fractal Analysis: Prognostic Value of Left Ventricular Trabecular Complexity Cardiovascular MRI in Participants with Hypertrophic Cardiomyopathy. <i>Radiology</i> , <b>2021</b> , 298, 71-79	20.5	3
29	Detection of pulmonary artery atherosclerosis by FDG-PET/CT: a new observation. <i>American Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2020</b> , 10, 127-134	2.2	2
28	Left Atrial Function Predicts Outcome in Dilated Cardiomyopathy: Fast Long-Axis Strain Analysis Derived from MRI. <i>Radiology</i> , <b>2021</b> , 210801	20.5	2
27	Prognostic Value of Right Ventricular Dysfunction in Patients With AL Amyloidosis: Comparison of Different Techniques by Cardiac Magnetic Resonance. <i>Journal of Magnetic Resonance Imaging</i> , <b>2020</b> , 52, 1441-1448	5.6	2

#### (2021-2021)

26	Cardiovascular Magnetic Resonance Imaging and Heart Failure. <i>Current Cardiology Reports</i> , <b>2021</b> , 23, 35	4.2	2
25	Diverse Right Ventricular Remodeling Evaluated by MRI and Prognosis in Eisenmenger Syndrome With Different Shunt Locations. <i>Journal of Magnetic Resonance Imaging</i> , <b>2021</b> ,	5.6	2
24	Prognostic value of myocardial extracellular volume fraction evaluation based on cardiac magnetic resonance T1 mapping with T1 long and short in hypertrophic cardiomyopathy. <i>European Radiology</i> , <b>2021</b> , 31, 4557-4567	8	2
23	Recent Trends and Potential Drivers of Non-invasive Cardiovascular Imaging Use in the United States of America and England. <i>Frontiers in Cardiovascular Medicine</i> , <b>2020</b> , 7, 617771	5.4	2
22	Contemporary Application of Cardiovascular Magnetic Resonance Imaging. <i>Annual Review of Medicine</i> , <b>2020</b> , 71, 221-234	17.4	1
21	Right heart size in orthotopic heart transplant population: Influence of donor and recipient gender, race, and body surface area. <i>International Journal of Cardiology</i> , <b>2016</b> , 203, 105-6	3.2	1
20	SCUBE1 Controls BMPR2-Relevant Pulmonary Endothelial Function: Implications for Diagnostic Marker Development in Pulmonary Arterial Hypertension. <i>JACC Basic To Translational Science</i> , <b>2020</b> , 5, 1073-1092	8.7	1
19	Association of septal late gadolinium enhancement on cardiac magnetic resonance with ventricular tachycardia ablation targets in nonischemic cardiomyopathy. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2020</b> , 31, 3262-3276	2.7	1
18	Comparing cardiovascular magnetic resonance strain software packages by their abilities to discriminate outcomes in patients with heart failure with preserved ejection fraction. <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2021</b> , 23, 55	6.9	1
17	Noninvasive rapid cardiac magnetic resonance for the assessment of cardiomyopathies in low-middle income countries. <i>Expert Review of Cardiovascular Therapy</i> , <b>2021</b> , 19, 387-398	2.5	1
16	Right Ventricular Global Longitudinal Strain as a Predictor of Acute and Early Right Heart Failure Post Left Ventricular Assist Device Implantation. <i>ASAIO Journal</i> , <b>2021</b> ,	3.6	1
15	Cardiac Magnetic Resonance in Cardio-Oncology: Advantages, Importance of Expediency, and Considerations to Navigate Pre-Authorization. <i>JACC: CardioOncology</i> , <b>2021</b> , 3, 191-200	3.8	1
14	Atypical presentation of lipomatous hypertrophy of the interatrial septum: a case report. <i>European Heart Journal - Case Reports</i> , <b>2019</b> , 3, 1-4	0.9	1
13	Prognostic value of fast semi-automated left atrial long-axis strain analysis in hypertrophic cardiomyopathy. <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2021</b> , 23, 36	6.9	1
12	The Prognostic Value of Left Ventricular Mechanical Dyssynchrony Derived from Cardiac MRI in Patients with Idiopathic Dilated Cardiomyopathy. <i>Radiology: Cardiothoracic Imaging</i> , <b>2021</b> , 3, e200536	8.3	1
11	Magnetic susceptibility and R2* of myocardial reperfusion injury at 3T and 7T. <i>Magnetic Resonance in Medicine</i> , <b>2022</b> , 87, 323-336	4.4	1
10	Cardiovascular magnetic resonance characterization of rheumatic mitral stenosis: findings from three worldwide endemic zones <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2022</b> , 24, 24	6.9	1
9	Radiomics Analysis Derived From LGE-MRI Predict Sudden Cardiac Death in Participants With Hypertrophic Cardiomyopathy <i>Frontiers in Cardiovascular Medicine</i> , <b>2021</b> , 8, 766287	5.4	1

8	Electrocardiogram Characteristics and Prognostic Value in Light-Chain Amyloidosis: A Comparison With Cardiac Magnetic Resonance Imaging <i>Frontiers in Cardiovascular Medicine</i> , <b>2021</b> , 8, 751422	5.4	1
7	Closed-loop control of k-space sampling via physiologic feedback for cine MRI. <i>PLoS ONE</i> , <b>2020</b> , 15, e024	<del>4.7</del> 86	0
6	Left ventricular mural thrombus appearing as a photopenic defect on myocardial viability PET imaging. <i>Journal of Nuclear Cardiology</i> , <b>2021</b> , 1	2.1	Ο
5	SCMR level II/independent practitioner training guidelines for cardiovascular magnetic resonance: integration of a virtual training environment <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2021</b> , 23, 139	6.9	О
4	Papillary Imuscle ventricular arrhythmias among patients with mitral valve prolapse. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2018</b> , 29, E6	2.7	
3	Cardiac Magnetic Resonance Imaging in Ischemic Heart Disease. <i>PET Clinics</i> , <b>2011</b> , 6, 453-73	2.2	
2	Right Ventricular Metabolism: A Brief Review. <i>Advances in Pulmonary Hypertension</i> , <b>2015</b> , 13, 185-187	0.5	
1	Classification of Myocardial F-FDG PET Uptake Patterns Using Deep Learning. <i>Radiology: Artificial Intelligence</i> , <b>2021</b> , 3, e200148	8.7	