

# Andrew E Arai

## List of Publications by Year in descending order

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Version: 2024-02-01

276  
papers

23,226  
citations

8159

76  
h-index

8835

145  
g-index

281  
all docs

281  
docs citations

281  
times ranked

16774  
citing authors

#	ARTICLE	IF	CITATIONS
1	Prognostic Value of Stress Cardiac Magnetic Resonance in Patients With Known Coronary Artery Disease. <i>JACC: Cardiovascular Imaging</i> , 2022, 15, 60-71.	2.3	10
2	T1 Mapping and Extracellular Volume Fraction in Dilated Cardiomyopathy. <i>JACC: Cardiovascular Imaging</i> , 2022, 15, 578-590.	2.3	40
3	Society for Cardiovascular Magnetic Resonance perspective on the 2021 AHA/ACC Chest Pain Guidelines. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2022, 24, 8.	1.6	5
4	Reliable segmentation of 2D cardiac magnetic resonance perfusion image sequences using time as the 3rd dimension. <i>European Radiology</i> , 2021, 31, 3941-3950.	2.3	2
5	Automated Segmental Analysis of Fully Quantitative Myocardial Blood Flow Maps by First-Pass Perfusion Cardiovascular Magnetic Resonance. <i>IEEE Access</i> , 2021, 9, 52796-52811.	2.6	11
6	Cardiovascular magnetic resonance predictors of heart failure in hypertrophic cardiomyopathy: the role of myocardial replacement fibrosis and the microcirculation. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2021, 23, 26.	1.6	11
7	Cardiothoracic imaging findings of Proteus syndrome. <i>Scientific Reports</i> , 2021, 11, 6577.	1.6	4
8	Pericardial Perivascular Epithelioid Cell Neoplasm. <i>Radiology: Cardiothoracic Imaging</i> , 2021, 3, e200532.	0.9	0
9	Prognostic value of noninvasive combined anatomic/functional assessment by cardiac CT in patients with suspected coronary artery disease – Comparison with invasive coronary angiography and nuclear myocardial perfusion imaging for the five-year-follow up of the CORE320 multicenter study. <i>Journal of Cardiovascular Computed Tomography</i> , 2021, 15, 485-491.	0.7	9
10	Ischemic Heart Disease: Noninvasive Imaging Techniques and Findings. <i>Radiographics</i> , 2021, 41, 200125.	1.4	20
11	Three Automated Quantitative Cardiac Magnetic Resonance Perfusion Analyses Versus Invasive Fractional Flow Reserve in Swine. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 1871-1873.	2.3	4
12	Stress CMR in patients with obesity: insights from the Stress CMR Perfusion Imaging in the United States (SPINS) registry. <i>European Heart Journal Cardiovascular Imaging</i> , 2021, 22, 518-527.	0.5	16
13	A Patient in Their 30s With Dyspnea and a Spongy Heart. <i>JAMA Cardiology</i> , 2021, 6, e210001.	3.0	0
14	What Can We Learn About Heart Failure From Sodium Magnetic Resonance Imaging?. <i>Circulation: Cardiovascular Imaging</i> , 2021, 14, e013628.	1.3	0
15	A continuous murmur in an unexpected location. <i>Journal of Cardiovascular Computed Tomography</i> , 2020, 14, e87-e88.	0.7	0
16	Intramyocardial Bone Marrow Stem Cells in Patients Undergoing Cardiac Surgical Revascularization. <i>Annals of Thoracic Surgery</i> , 2020, 109, 1142-1149.	0.7	15
17	Coronary venous anatomy and anomalies. <i>Journal of Cardiovascular Computed Tomography</i> , 2020, 14, 80-86.	0.7	28
18	Imaging of Clinically Unrecognized Myocardial Fibrosis in Patients With Suspected Coronary Artery Disease. <i>Journal of the American College of Cardiology</i> , 2020, 76, 945-957.	1.2	36

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19	Prognostic Value of Stress CMR Perfusion Imaging in Patients With Reduced Left Ventricular Function. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 2132-2145.	2.3	17
20	Cardiac Imaging in the Post-ISCHEMIA Trial Era. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 1815-1833.	2.3	21
21	Evaluation of Stress Cardiac Magnetic Resonance Imaging in Risk Reclassification of Patients With Suspected Coronary Artery Disease. <i>JAMA Cardiology</i> , 2020, 5, 1401.	3.0	23
22	Cardiac MRI identifies valvular and myocardial disease in a subset of ANO5-related muscular dystrophy patients. <i>Neuromuscular Disorders</i> , 2020, 30, 742-749.	0.3	4
23	Gadobutrol-Enhanced Cardiac Magnetic Resonance Imaging for Detection of Coronary Artery Disease. <i>Journal of the American College of Cardiology</i> , 2020, 76, 1536-1547.	1.2	38
24	Accelerated Wideband Myocardial Perfusion Pulse Sequence with Compressed Sensing Reconstruction for Myocardial Blood Flow Quantification in Patients with a Cardiac Implantable Electronic Device. <i>Radiology: Cardiothoracic Imaging</i> , 2020, 2, e190114.	0.9	6
25	Detection of Myocardial Fibrosis and Left Ventricular Dysfunction with Cardiac MRI in a Hypertensive Swine Model. <i>Radiology: Cardiothoracic Imaging</i> , 2020, 2, e190214.	0.9	5
26	Genetic dysregulation of endothelin-1 is implicated in coronary microvascular dysfunction. <i>European Heart Journal</i> , 2020, 41, 3239-3252.	1.0	73
27	Global Developments in Stress Perfusion Cardiovascular Magnetic Resonance. <i>Circulation</i> , 2020, 141, 1292-1294.	1.6	3
28	Rare Cause of Dyspnea in a 34-Year-Old Patient. <i>Circulation: Cardiovascular Imaging</i> , 2019, 12, e009141.	1.3	0
29	Cardiac MRI Endpoints in Myocardial Infarction Experimental and Clinical Trials. <i>Journal of the American College of Cardiology</i> , 2019, 74, 238-256.	1.2	235
30	Adult MTM1-related myopathy carriers. <i>Neurology</i> , 2019, 93, e1535-e1542.	1.5	18
31	Cardiac Magnetic Resonance Stress Perfusion Imaging for Evaluation of Patients With Chest Pain. <i>Journal of the American College of Cardiology</i> , 2019, 74, 1741-1755.	1.2	177
32	Myocardial Perfusion and Late Gadolinium Enhancement Imaging in Cardiovascular Magnetic Resonance to Assess Coronary Artery Disease. <i>Contemporary Cardiology</i> , 2019, , 185-203.	0.0	0
33	Association Between Unrecognized Myocardial Infarction and Cerebral Infarction on Magnetic Resonance Imaging. <i>JAMA Neurology</i> , 2019, 76, 956.	4.5	26
34	Interpreting the Prognostic Value of Unrecognized Myocardial Infarction Among Older Adults—Reply. <i>JAMA Cardiology</i> , 2019, 4, 391.	3.0	0
35	Prevalence and prognosis of ischaemic and non-ischaemic myocardial fibrosis in older adults. <i>European Heart Journal</i> , 2019, 40, 529-538.	1.0	69
36	Microvascular Dysfunction in Dilated Cardiomyopathy. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 1699-1708.	2.3	49

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37	Diagnostic Performance of Fully Automated Pixel-Wise Quantitative Myocardial Perfusion Imaging by Cardiovascular Magnetic Resonance. <i>JACC: Cardiovascular Imaging</i> , 2018, 11, 697-707.	2.3	105
38	Dynamic stress computed tomography myocardial perfusion for detecting myocardial ischemia: A systematic review and meta-analysis. <i>International Journal of Cardiology</i> , 2018, 258, 325-331.	0.8	46
39	Deranged Myocyte Microstructure in Situs Inversus Totalis Demonstrated by Diffusion Tensor Cardiac Magnetic Resonance. <i>JACC: Cardiovascular Imaging</i> , 2018, 11, 1360-1362.	2.3	15
40	Swiss cheese heart. <i>European Heart Journal</i> , 2018, 39, 255-256.	1.0	0
41	Fully quantitative pixel-wise analysis of cardiovascular magnetic resonance perfusion improves discrimination of dark rim artifact from perfusion defects associated with epicardial coronary stenosis. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2018, 20, 16.	1.6	15
42	Cardiovascular Magnetic Resonance in Acute ST-Segmentâ€Elevation Myocardial Infarction. <i>Circulation</i> , 2018, 137, 1949-1964.	1.6	128
43	Evaluation of the impact of strain correction on the orientation of cardiac diffusion tensors with in vivo and ex vivo porcine hearts. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 2205-2215.	1.9	18
44	Coronary Artery Disease: Analysis of Diagnostic Performance of CT Perfusion and MR Perfusion Imaging in Comparison with Quantitative Coronary Angiography and SPECTâ€Multicenter Prospective Trial. <i>Radiology</i> , 2018, 286, 461-470.	3.6	18
45	Rationale and design of the Coronary Microvascular Angina Cardiac Magnetic Resonance Imaging (CorCMR) diagnostic study: the CorMicA CMR sub-study. <i>Open Heart</i> , 2018, 5, e000924.	0.9	12
46	Tracking diaphragm and chest wall movement on cine-MRI. , 2018, , .		0
47	Myocarditis in a patient treated with Nivolumab and PROSTVAC: a case report. , 2018, 6, 150.		27
48	Association of Unrecognized Myocardial Infarction With Long-term Outcomes in Community-Dwelling Older Adults. <i>JAMA Cardiology</i> , 2018, 3, 1101.	3.0	39
49	The pulmonary embolism that wasnâ€™t: a case of pulmonary pseudosequestration. <i>European Heart Journal Cardiovascular Imaging</i> , 2018, 19, 1310-1310.	0.5	0
50	Dynamic nature of caseous mitral annular calcification. <i>Journal of Cardiovascular Computed Tomography</i> , 2018, 12, 444-446.	0.7	1
51	Prognostic value of T1 mapping and extracellular volume fraction in cardiovascular disease: a systematic review and meta-analysis. <i>Heart Failure Reviews</i> , 2018, 23, 723-731.	1.7	37
52	Quantitative Stress Perfusion CardiacâMagnetic Resonance ImprovesâPrognostication. <i>JACC: Cardiovascular Imaging</i> , 2018, 11, 695-696.	2.3	0
53	Detection of Recent Myocardial Infarction Using Native T1 Mapping in a Swine Model: A Validation Study. <i>Scientific Reports</i> , 2018, 8, 7391.	1.6	18
54	Reply. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 1540-1541.	1.5	1

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55	Robust universal nonrigid motion correction framework for first-pass cardiac MR perfusion imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 46, 1060-1072.	1.9	23
56	Assessment of Myocardial Microstructural Dynamics by In-Vivo Diffusion Tensor Cardiac Magnetic Resonance. <i>Journal of the American College of Cardiology</i> , 2017, 69, 661-676.	1.2	171
57	Apheresis as novel treatment for refractory angina with raised lipoprotein(a): a randomized controlled cross-over trial. <i>European Heart Journal</i> , 2017, 38, 1561-1569.	1.0	71
58	Myocardial extracellular volume fraction quantified by cardiovascular magnetic resonance is increased in hypertension and associated with left ventricular remodeling. <i>European Radiology</i> , 2017, 27, 4620-4630.	2.3	26
59	Prognostic Value of Combined CT Angiography and Myocardial Perfusion Imaging versus Invasive Coronary Angiography and Nuclear Stress Perfusion Imaging in the Prediction of Major Adverse Cardiovascular Events: The CORE320 Multicenter Study. <i>Radiology</i> , 2017, 284, 55-65.	3.6	74
60	Time-Varying Edema Requires Cautious Interpretation of Myocardium at Risk and Infarct Size by All Imaging Methods. <i>Circulation</i> , 2017, 136, 1301-1303.	1.6	0
61	Fibrosis as measured by the biomarker, tissue inhibitor metalloproteinase-1, predicts mortality in Age Gene Environment Susceptibility-Reykjavik (AGES-Reykjavik) Study. <i>European Heart Journal</i> , 2017, 38, 3423-3430.	1.0	27
62	Skeletal and myocardial microvascular blood flow in hydroxycarbamide-treated patients with sickle cell disease. <i>British Journal of Haematology</i> , 2017, 179, 648-656.	1.2	18
63	Respiratory magnetic resonance imaging biomarkers in Duchenne muscular dystrophy. <i>Annals of Clinical and Translational Neurology</i> , 2017, 4, 655-662.	1.7	17
64	Characteristics of cardiomyopathy in Alström syndrome: Prospective single-center data on 38 patients. <i>Molecular Genetics and Metabolism</i> , 2017, 121, 336-343.	0.5	31
65	The Authors Reply. <i>JACC: Cardiovascular Imaging</i> , 2017, 10, 606.	2.3	0
66	Cardiac MRI Findings Suggest Myocarditis in Severe Ebola Virus Disease. <i>JACC: Cardiovascular Imaging</i> , 2017, 10, 711-713.	2.3	14
67	Are Echocardiography and CMR Really Discordant in Mitral Regurgitation?. <i>JACC: Cardiovascular Imaging</i> , 2017, 10, 823-824.	2.3	22
68	Early Gadolinium Enhancement for Determination of Area at Risk. <i>JACC: Cardiovascular Imaging</i> , 2017, 10, 130-139.	2.3	17
69	Holistic segmentation of the lung in cine MRI. <i>Journal of Medical Imaging</i> , 2017, 4, 1.	0.8	9
70	Increased myocardial native T1 and extracellular volume in patients with Duchenne muscular dystrophy. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 18, 5.	1.6	59
71	Midlife Cardiovascular Risk Factors and Late-Life Unrecognized and Recognized Myocardial Infarction Detect by Cardiac Magnetic Resonance: ICELAND-MI, the AGES-Reykjavik Study. <i>Journal of the American Heart Association</i> , 2016, 5, .	1.6	18
72	Recent advances in cardiac magnetic resonance. <i>F1000Research</i> , 2016, 5, 2253.	0.8	9

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73	Upper arm and cardiac magnetic resonance imaging in Duchenne muscular dystrophy. <i>Annals of Clinical and Translational Neurology</i> , 2016, 3, 948-955.	1.7	14
74	Area at risk in acute myocardial infarction: oedema imaging and species-specific findings. <i>European Heart Journal Cardiovascular Imaging</i> , 2016, 17, 754-755.	0.5	1
75	Cardiac and Carotid Markers Link With Accelerated Brain Atrophy. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 2246-2251.	1.1	27
76	Mechanisms of Myocardial Ischemia in Hypertrophic Cardiomyopathy. <i>Journal of the American College of Cardiology</i> , 2016, 68, 1651-1660.	1.2	92
77	Anthracycline-Associated T1 Mapping Characteristics Are Elevated Independent of the Presence of Cardiovascular Comorbidities in Cancer Survivors. <i>Circulation: Cardiovascular Imaging</i> , 2016, 9, .	1.3	145
78	Prospective evaluation of the influence of iterative reconstruction on the reproducibility of coronary calcium quantification in reduced radiation dose 320 detector row CT. <i>Journal of Cardiovascular Computed Tomography</i> , 2016, 10, 359-363.	0.7	28
79	Growth hormone and risk for cardiac tumors in Carney complex. <i>Endocrine-Related Cancer</i> , 2016, 23, 739-746.	1.6	6
80	Severe Meningoencephalitis in a Case of Ebola Virus Disease: A Case Report. <i>Annals of Internal Medicine</i> , 2016, 165, 301.	2.0	45
81	Elevated transpulmonary gradient and cardiac magnetic resonance-derived right ventricular remodeling predict poor outcomes in sickle cell disease. <i>Haematologica</i> , 2016, 101, e40-e43.	1.7	10
82	Correlation of CT-based regional cardiac function (SQUEEZ) with myocardial strain calculated from tagged MRI: an experimental study. <i>International Journal of Cardiovascular Imaging</i> , 2016, 32, 817-823.	0.7	31
83	Evaluation of an automated method for arterial input function detection for first-pass myocardial perfusion cardiovascular magnetic resonance. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 18, 17.	1.6	29
84	Multimodality imaging demonstrates trafficking of liposomes preferentially to ischemic myocardium. <i>Cardiovascular Revascularization Medicine</i> , 2016, 17, 106-112.	0.3	13
85	Endocardialâ€“epicardial distribution of myocardial perfusion reserve assessed by multidetector computed tomography in symptomatic patients without significant coronary artery disease: insights from the CORE320 multicentre study. <i>European Heart Journal Cardiovascular Imaging</i> , 2016, 17, 779-787.	0.5	21
86	The global cardiovascular magnetic resonance registry (GCMR) of the society for cardiovascular magnetic resonance (SCMR): its goals, rationale, data infrastructure, and current developments. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 19, 23.	1.6	28
87	Automated measurement of arterial input function in first-pass myocardial perfusion magnetic resonance images using independent component analysis. , 2015, , .		2
88	Saturation pulse design for quantitative myocardial T1 mapping. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2015, 17, 84.	1.6	31
89	Characterization of myocardial T1-mapping bias caused by intramyocardial fat in inversion recovery and saturation recovery techniques. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2015, 17, 33.	1.6	80
90	Increased myocardial extracellular volume in active idiopathic systemic capillary leak syndrome. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2015, 17, 76.	1.6	17

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91	Healing After Myocardial Infarction. JACC: Cardiovascular Imaging, 2015, 8, 680-683.	2.3	15
92	Noncontrast myocardial $T_1$ mapping using cardiovascular magnetic resonance for iron overload. Journal of Magnetic Resonance Imaging, 2015, 41, 1505-1511.	1.9	139
93	New Insights from Major Prospective Cohort Studies with Cardiovascular Magnetic Resonance (CMR). Current Cardiology Reports, 2015, 17, 46.	1.3	5
94	Variability of T1 in purpose recruited normal volunteers and patients as a function of shim (B0), flip angle (B1) and myocardial sector at 3T. Journal of Cardiovascular Magnetic Resonance, 2015, 17, P5.	1.6	3
95	Fuzzy or Sharp Borders of Acute Myocardial Ischemia and Infarction?. JACC: Cardiovascular Imaging, 2015, 8, 1390-1392.	2.3	4
96	Multimodality Imaging of Diseases of the Thoracic Aorta in Adults: From the American Society of Echocardiography and the European Association of Cardiovascular Imaging. Journal of the American Society of Echocardiography, 2015, 28, 119-182.	1.2	500
97	FLASH proton density imaging for improved surface coil intensity correction in quantitative and semi-quantitative SSFP perfusion cardiovascular magnetic resonance. Journal of Cardiovascular Magnetic Resonance, 2015, 17, 16.	1.6	9
98	Quantitative pixel-wise measurement of myocardial blood flow: The impact of surface coil-related field inhomogeneity and a comparison of methods for its correction. Journal of Cardiovascular Magnetic Resonance, 2015, 17, 11.	1.6	8
99	Mechanisms for overestimating acute myocardial infarct size with gadolinium-enhanced cardiovascular magnetic resonance imaging in humans: a quantitative and kinetic study. European Heart Journal Cardiovascular Imaging, 2015, 17, jev123.	0.5	30
100	Feasibility of coronary calcium and stent image subtraction using 320-detector row CT angiography. Journal of Cardiovascular Computed Tomography, 2015, 9, 393-398.	0.7	31
101	Free-breathing T2* mapping using respiratory motion corrected averaging. Journal of Cardiovascular Magnetic Resonance, 2015, 17, 3.	1.6	29
102	Myocardial T2* mapping: influence of noise on accuracy and precision. Journal of Cardiovascular Magnetic Resonance, 2015, 17, 7.	1.6	35
103	Cardiac Hemodynamics are Linked With Structural and Functional Features of Brain Aging: The Age, Gene/Environment Susceptibility (AGES) Reykjavik Study. Journal of the American Heart Association, 2015, 4, e001294.	1.6	50
104	Broadening the Spectrum of Ehlers Danlos Syndrome in Patients With Congenital Adrenal Hyperplasia. Journal of Clinical Endocrinology and Metabolism, 2015, 100, E1143-E1152.	1.8	51
105	Incremental diagnostic accuracy of computed tomography myocardial perfusion imaging over coronary angiography stratified by pre-test probability of coronary artery disease and severity of coronary artery calcification: The CORE320 study. International Journal of Cardiology, 2015, 201, 570-577.	0.8	31
106	Automatic nonrigid motion correction for quantitative first-pass cardiac MR perfusion imaging. , 2015, , .		3
107	N-terminal pro-brain natriuretic peptide and abnormal brain aging. Neurology, 2015, 85, 813-820.	1.5	23
108	Temporal and spatial characteristics of the area at risk investigated using computed tomography and $T_1$ -weighted magnetic resonance imaging. European Heart Journal Cardiovascular Imaging, 2015, 16, 1232-1240.	0.5	11

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109	Accuracy of Computed Tomographic Angiography and Single-Photon Emission Computed Tomography Acquired Myocardial Perfusion Imaging for the Diagnosis of Coronary Artery Disease. <i>Circulation: Cardiovascular Imaging</i> , 2015, 8, e003533.	1.3	49
110	Quantitative assessment of myocardial fibrosis in an age-related rat model by ex vivo late gadolinium enhancement magnetic resonance imaging with histopathological correlation. <i>Computers in Biology and Medicine</i> , 2015, 65, 103-113.	3.9	15
111	Hemodynamic Consequences of Hypertrophic Cardiomyopathy with Midventricular Obstruction: Apical Aneurysm and Thrombus Formation. <i>Journal of General Practice (Los Angeles, Calif )</i> , 2014, 02, .	0.1	5
112	Safety and tolerability of regadenoson CMR. <i>European Heart Journal Cardiovascular Imaging</i> , 2014, 15, 753-760.	0.5	31
113	Computed tomography angiography and perfusion to assess coronary artery stenosis causing perfusion defects by single photon emission computed tomography: the CORE320 study. <i>European Heart Journal</i> , 2014, 35, 1120-1130.	1.0	385
114	Identification of candidate genes involved in coronary artery calcification by transcriptome sequencing of cell lines. <i>BMC Genomics</i> , 2014, 15, 198.	1.2	13
115	B-type natriuretic peptide and C-reactive protein in the prediction of atrial fibrillation risk: the CHARGE-AF Consortium of community-based cohort studies. <i>Europace</i> , 2014, 16, 1426-1433.	0.7	144
116	Distinction of salvaged and infarcted myocardium within the ischaemic area-at-risk with T2 mapping. <i>European Heart Journal Cardiovascular Imaging</i> , 2014, 15, 1048-1053.	0.5	35
117	Concordance and diagnostic accuracy of vasodilator stress cardiac MRI and 320-detector row coronary CTA. <i>International Journal of Cardiovascular Imaging</i> , 2014, 30, 109-119.	0.7	7
118	Determinants and normal values of ascending aortic diameter by age, gender, and race/ethnicity in the Multiethnic Study of Atherosclerosis (MESA). <i>Journal of Magnetic Resonance Imaging</i> , 2014, 39, 360-368.	1.9	88
119	Integrative DNA, RNA, and Protein Evidence Connects TREML4 to Coronary Artery Calcification. <i>American Journal of Human Genetics</i> , 2014, 95, 66-76.	2.6	30
120	Coronary microvascular ischemia in hypertrophic cardiomyopathy - a pixel-wise quantitative cardiovascular magnetic resonance perfusion study. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2014, 16, 49.	1.6	73
121	Optimized saturation recovery protocols for T1-mapping in the heart: influence of sampling strategies on precision. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2014, 16, 55.	1.6	42
122	Comparative Definitions for Moderate-Severe Ischemia in Stress Nuclear, Echocardiography, and Magnetic Resonance Imaging. <i>JACC: Cardiovascular Imaging</i> , 2014, 7, 593-604.	2.3	168
123	Diagnostic Accuracy of Stress Perfusion CMR in Comparison With Quantitative Coronary Angiography. <i>JACC: Cardiovascular Imaging</i> , 2014, 7, 14-22.	2.3	97
124	Phase-sensitive inversion recovery for myocardial T1 mapping with motion correction and parametric fitting. <i>Magnetic Resonance in Medicine</i> , 2013, 69, 1408-1420.	1.9	90
125	Serious aortic complications in a patient with Turner syndrome. <i>European Journal of Pediatrics</i> , 2013, 172, 703-705.	1.3	9
126	T1 and extracellular volume mapping in the heart: estimation of error maps and the influence of noise on precision. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2013, 15, 56.	1.6	143



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127	Influence of Off-resonance in myocardial T1-mapping using SSFP based MOLLI method. Journal of Cardiovascular Magnetic Resonance, 2013, 15, 63.	1.6	85
128	Simulated 50% radiation dose reduction in coronary CT angiography using adaptive iterative dose reduction in three-dimensions (AIDR3D). International Journal of Cardiovascular Imaging, 2013, 29, 1167-1175.	0.7	76
129	High spatial and temporal resolution retrospective cine cardiovascular magnetic resonance from shortened free breathing real-time acquisitions. Journal of Cardiovascular Magnetic Resonance, 2013, 15, 102.	1.6	75
130	Textural analysis of diffuse myocardial fibrosis in aging rats: A late gadolinium enhancement magnetic resonance imaging study. , 2013, , .		0
131	Computed Tomography Perfusion to Assess Physiological Significance of Coronary Stenosis in the Post-FAME Era (Fractional Flow Reserve Versus Angiography for Multivessel Evaluation). Journal of the American College of Cardiology, 2013, 62, 1486-1487.	1.2	4
132	Chronic myopathy due to immunoglobulin light chain amyloidosis. Molecular Genetics and Metabolism, 2013, 108, 249-254.	0.5	9
133	Cardiovascular Function and Treatment in $\beta^2$ -Thalassemia Major. Circulation, 2013, 128, 281-308.	1.6	301
134	Submillisievert Median Radiation Dose for Coronary Angiography with a Second-Generation 320- $\mu$ Detector Row CT Scanner in 107 Consecutive Patients. Radiology, 2013, 267, 76-85.	3.6	153
135	Tenascin-X Haploinsufficiency Associated with Ehlers-Danlos Syndrome in Patients with Congenital Adrenal Hyperplasia. Journal of Clinical Endocrinology and Metabolism, 2013, 98, E379-E387.	1.8	59
136	Bicuspid aortic valve and aortic coarctation are linked to deletion of the X chromosome short arm in Turner syndrome. Journal of Medical Genetics, 2013, 50, 662-665.	1.5	78
137	Regadenoson and adenosine are equivalent vasodilators and are superior than dipyridamole- a study of first pass quantitative perfusion cardiovascular magnetic resonance. Journal of Cardiovascular Magnetic Resonance, 2013, 15, 85.	1.6	69
138	Myocardial T1 mapping and extracellular volume quantification: a Society for Cardiovascular Magnetic Resonance (SCMR) and CMR Working Group of the European Society of Cardiology consensus statement. Journal of Cardiovascular Magnetic Resonance, 2013, 15, 92.	1.6	864
139	Spectrum of Aortic Valve Abnormalities Associated With Aortic Dilation Across Age Groups in Turner Syndrome. Circulation: Cardiovascular Imaging, 2013, 6, 1018-1023.	1.3	42
140	Characterization and Management of Cardiac Involvement of Thymic Epithelial Tumors. Journal of Thoracic Oncology, 2013, 8, 246-249.	0.5	14
141	Multimodality Imaging of a Dissecting Intramyocardial Hematoma Extending into the Left Atrial Wall Following Myocardial Infarction. Circulation, 2012, 126, e339-41.	1.6	5
142	Controversies in Cardiovascular MR Imaging: Reasons Why Imaging Myocardial T2 Has Clinical and Pathophysiologic Value in Acute Myocardial Infarction. Radiology, 2012, 265, 23-32.	3.6	43
143	Prevalence and Prognosis of Unrecognized Myocardial Infarction Determined by Cardiac Magnetic Resonance in Older Adults. JAMA - Journal of the American Medical Association, 2012, 308, 890.	3.8	234
144	Trabeculated (Noncompacted) and Compact Myocardium in Adults. Circulation: Cardiovascular Imaging, 2012, 5, 357-366.	1.3	165

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145	Extracellular volume imaging by magnetic resonance imaging provides insights into overt and sub-clinical myocardial pathology. <i>European Heart Journal</i> , 2012, 33, 1268-1278.	1.0	482
146	Cardiac imaging techniques for physicians: Late enhancement. <i>Journal of Magnetic Resonance Imaging</i> , 2012, 36, 529-542.	1.9	136
147	Gadolinium-enhanced cardiovascular magnetic resonance: administered dose in relationship to united states food and drug administration (FDA) guidelines. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2012, 14, 8.	1.6	25
148	Extracellular volume fraction mapping in the myocardium, part 1: evaluation of an automated method. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2012, 14, 60.	1.6	323
149	Extracellular volume fraction mapping in the myocardium, part 2: initial clinical experience. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2012, 14, 61.	1.6	223
150	MultiContrast Delayed Enhancement (MCOE) improves detection of subendocardial myocardial infarction by late gadolinium enhancement cardiovascular magnetic resonance: a clinical validation study. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2012, 14, 86.	1.6	420
151	N-terminal pro-brain natriuretic peptide levels and aortic diameters. <i>American Heart Journal</i> , 2012, 164, 419-424.	1.2	14
152	A Quantitative Pixel-Wise Measurement of Myocardial Blood Flow by Contrast-Enhanced First-Pass CMR Perfusion Imaging. <i>JACC: Cardiovascular Imaging</i> , 2012, 5, 154-166.	2.3	120
153	Myocardial Edema as Detected by Pre-Contrast T1 and T2 CMR Delineates Area at Risk Associated With Acute Myocardial Infarction. <i>JACC: Cardiovascular Imaging</i> , 2012, 5, 596-603.	2.3	283
154	Influence of Image Acquisition Settings on Radiation Dose and Image Quality in Coronary Angiography by 320-Detector Volume Computed Tomography: The CORE320 Pilot Experience. <i>Heart International</i> , 2012, 7, hi.2012.e11.	0.4	14
155	Understanding why edema in salvaged myocardium is difficult to detect by late gadolinium enhancement. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2012, 14, .	1.6	5
156	Partition coefficients for gadolinium chelates in the normal myocardium: Comparison of gadopentetate dimeglumine and gadobenate dimeglumine. <i>Journal of Magnetic Resonance Imaging</i> , 2012, 36, 733-737.	1.9	17
157	Motion correction for myocardial T1 mapping using image registration with synthetic image estimation. <i>Magnetic Resonance in Medicine</i> , 2012, 67, 1644-1655.	1.9	187
158	Retrospective reconstruction of high temporal resolution cine images from real-time MRI using iterative motion correction. <i>Magnetic Resonance in Medicine</i> , 2012, 68, 741-750.	1.9	78
159	Motion correction for myocardial T1 mapping using image registration with synthetic image estimation. <i>Magnetic Resonance in Medicine</i> , 2012, 67, spcone.	1.9	2
160	Diagnostic performance of combined noninvasive coronary angiography and myocardial perfusion imaging using 320 row detector computed tomography: design and implementation of the CORE320 multicenter, multinational diagnostic study. <i>Journal of Cardiovascular Computed Tomography</i> , 2011, 5, 370-381.	0.7	77
161	Gadolinium Can Depict Area at Risk and Myocardial Infarction. <i>JACC: Cardiovascular Imaging</i> , 2011, 4, 619-621.	2.3	11
162	Magnetic Resonance Imaging for Area at Risk, Myocardial Infarction, and Myocardial Salvage. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 2011, 16, 313-320.	1.0	35

#	ARTICLE	IF	CITATIONS
163	Outcomes of Hospitalized Patients with Non-Acute Coronary Syndrome and Elevated Cardiac Troponin Level. American Journal of Medicine, 2011, 124, 630-635.	0.6	46
164	Off-Pump Surgery for Giant Right Coronary Artery Aneurysms. Journal of Cardiac Surgery, 2011, 26, 596-599.	0.3	3
165	The cardiac magnetic resonance (CMR) approach to assessing myocardial viability. Journal of Nuclear Cardiology, 2011, 18, 1095-1102.	1.4	46
166	Myocardial T1 and extracellular volume fraction mapping at 3 tesla. Journal of Cardiovascular Magnetic Resonance, 2011, 13, 75.	1.6	144
167	Quantitative T1-maps delineate myocardium at risk as accurately as T2-maps - experimental validation with microspheres. Journal of Cardiovascular Magnetic Resonance, 2011, 13, .	1.6	3
168	Myocardial and blood T1 quantification in normal volunteers at 3T. Journal of Cardiovascular Magnetic Resonance, 2011, 13, .	1.6	6
169	Edema by T2-weighted imaging in salvaged myocardium is extracellular, not intracellular. Journal of Cardiovascular Magnetic Resonance, 2011, 13, .	1.6	4
170	Myocardial T1 mapping with MRI: Comparison of lookâ€locker and MOLLI sequences. Journal of Magnetic Resonance Imaging, 2011, 34, 1367-1373.	1.9	98
171	Diagnostic Performance of Combined Noninvasive Coronary Angiography and Myocardial Perfusion Imaging Using 320-MDCT: The CT Angiography and Perfusion Methods of the CORE320 Multicenter Multinational Diagnostic Study. American Journal of Roentgenology, 2011, 197, 829-837.	1.0	113
172	New Horizons in Cardioprotection. Circulation, 2011, 124, 1172-1179.	1.6	200
173	Heterogeneity of Intramural Function in Hypertrophic Cardiomyopathy. Circulation: Cardiovascular Imaging, 2011, 4, 425-434.	1.3	44
174	Assessment of cardiac ischaemia and viability: role of cardiovascular magnetic resonance. European Heart Journal, 2011, 32, 799-809.	1.0	77
175	Simultaneous detection of landmarks and key-frame in cardiac perfusion MRI using a joint spatial-temporal context model. , 2011, , .		1
176	Embolization of an Intracardiac Thrombus During a Cardiovascular Magnetic Resonance Imaging Study. Circulation, 2011, 123, e388-9.	1.6	2
177	Bright-Blood T <sub>2</sub> -Weighted MRI Has High Diagnostic Accuracy for Myocardial Hemorrhage in Myocardial Infarction. Circulation: Cardiovascular Imaging, 2011, 4, 738-745.	1.3	57
178	Myocardial Fat Imaging. Current Cardiovascular Imaging Reports, 2010, 3, 83-91.	0.4	72
179	Does laser type impact myocardial function following transmural laser revascularization?. Lasers in Surgery and Medicine, 2010, 42, 906-911.	1.1	9
180	Radiation Dose from Single-Heartbeat Coronary CT Angiography Performed with a 320â€Detector Row Volume Scanner. Radiology, 2010, 254, 698-706.	3.6	155

#	ARTICLE	IF	CITATIONS
181	Magnetic Resonance Imaging Delineates the Ischemic Area at Risk and Myocardial Salvage in Patients With Acute Myocardial Infarction. <i>Circulation: Cardiovascular Imaging</i> , 2010, 3, 527-535.	1.3	114
182	The Impact of Obesity on the Left Ventricle. <i>JACC: Cardiovascular Imaging</i> , 2010, 3, 266-274.	2.3	277
183	Late Gadolinium-Enhancement Cardiac Magnetic Resonance Identifies Postinfarction Myocardial Fibrosis and the Border Zone at the Near Cellular Level in Ex Vivo Rat Heart. <i>Circulation: Cardiovascular Imaging</i> , 2010, 3, 743-752.	1.3	156
184	Ionizing Radiation in Cardiac Imaging. <i>Circulation</i> , 2009, 119, 1056-1065.	1.6	467
185	The phenotypic spectrum of contiguous deletion of <i>CYP21A2</i> and tenascin XB: Quadricuspid aortic valve and other midline defects. <i>American Journal of Medical Genetics, Part A</i> , 2009, 149A, 2803-2808.	0.7	26
186	Multiecho dixon fat and water separation method for detecting fibrofatty infiltration in the myocardium. <i>Magnetic Resonance in Medicine</i> , 2009, 61, 215-221.	1.9	115
187	High spatial and temporal resolution cardiac cine MRI from retrospective reconstruction of data acquired in real time using motion correction and resorting. <i>Magnetic Resonance in Medicine</i> , 2009, 62, 1557-1564.	1.9	87
188	Direct injection of autologous mesenchymal stromal cells improves myocardial function. <i>Biochemical and Biophysical Research Communications</i> , 2009, 390, 902-907.	1.0	44
189	The ClinSeq Project: Piloting large-scale genome sequencing for research in genomic medicine. <i>Genome Research</i> , 2009, 19, 1665-1674.	2.4	236
190	Cripto-1 Is Required for Hypoxia to Induce Cardiac Differentiation of Mouse Embryonic Stem Cells. <i>American Journal of Pathology</i> , 2009, 175, 2146-2158.	1.9	54
191	Unsupervised Inline Analysis of Cardiac Perfusion MRI. <i>Lecture Notes in Computer Science</i> , 2009, 12, 741-749.	1.0	31
192	1025 Multi-echo dixon fat and water separation method for detecting fibro-fatty infiltration in the myocardium. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2008, 10, .	1.6	2
193	Nonlinear myocardial signal intensity correction improves quantification of contrast-enhanced first-pass MR perfusion in humans. <i>Journal of Magnetic Resonance Imaging</i> , 2008, 27, 793-801.	1.9	56
194	Estimation of absolute myocardial blood flow during first-pass MR perfusion imaging using a dual-bolus injection technique: Comparison to single-bolus injection method. <i>Journal of Magnetic Resonance Imaging</i> , 2008, 27, 1271-1277.	1.9	76
195	ACUTE T2-weighted SSFP: A hybrid method for T2-weighted imaging of edema in the heart. <i>Magnetic Resonance in Medicine</i> , 2008, 59, 229-235.	1.9	536
196	Fully automatic, retrospective enhancement of real-time acquired cardiac cine MR images using image-based navigators and respiratory motion-corrected averaging. <i>Magnetic Resonance in Medicine</i> , 2008, 59, 771-778.	1.9	64
197	Automatic assessment of dynamic contrast-enhanced MRI in an ischemic rat hindlimb model: an exploratory study of transplanted multipotent progenitor cells. <i>NMR in Biomedicine</i> , 2008, 21, 111-119.	1.6	3
198	Cardiac Involvement with Lymphoma: A Review of the Literature. <i>Clinical Lymphoma and Myeloma</i> , 2008, 8, 249-252.	1.4	78

#	ARTICLE	IF	CITATIONS
199	Aortic Valve Disease in Turner Syndrome. <i>Journal of the American College of Cardiology</i> , 2008, 51, 1904-1909.	1.2	148
200	Using Magnetic Resonance Imaging to Characterize Recent Myocardial Injury. <i>Circulation</i> , 2008, 118, 795-796.	1.6	437
201	Nitrite Anion Provides Potent Cytoprotective and Antiapoptotic Effects as Adjunctive Therapy to Reperfusion for Acute Myocardial Infarction. <i>Circulation</i> , 2008, 117, 2986-2994.	1.6	157
202	Coronary Artery Anomalies and Variants: Technical Feasibility of Assessment with Coronary MR Angiography at 3 T. <i>Radiology</i> , 2008, 247, 220-227.	3.6	66
203	Correcting surface coil intensity inhomogeneity improves quantitative analysis of cardiac magnetic resonance images. , 2008, , .		6
204	In Vivo T2-Weighted Magnetic Resonance Imaging Can Accurately Determine the Ischemic Area at Risk for 2-Day-Old Nonreperfused Myocardial Infarction. <i>Investigative Radiology</i> , 2008, 43, 7-15.	3.5	88
205	Myocardial Infarction and Viability With an Emphasis on Imaging Delayed Enhancement. , 2008, , 351-375.		1
206	Myocardial Perfusion Using First-Pass Gadolinium-Enhanced Cardiac Magnetic Resonance. , 2008, , 313-329.		1
207	False positive or true positive troponin in patients presenting with chest pain but 'normal' coronary arteries: lessons from cardiac MRI. <i>European Heart Journal</i> , 2007, 28, 1175-1177.	1.0	17
208	Age-Related Vascular Stiffness and Left Ventricular Size After Myocardial Infarction. <i>The American Journal of Geriatric Cardiology</i> , 2007, 16, 222-228.	0.7	12
209	Imaging Sequences for First Pass Perfusion - A Review. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2007, 9, 525-537.	1.6	126
210	Safety of Magnetic Resonance Imaging in Patients With Cardiovascular Devices. <i>Circulation</i> , 2007, 116, 2878-2891.	1.6	447
211	Nonsyndromic hearing loss DFNA10 and a novel mutation of EYA4: Evidence for correlation of normal cardiac phenotype with truncating mutations of the Eya domain. <i>American Journal of Medical Genetics, Part A</i> , 2007, 143A, 1592-1598.	0.7	42
212	T2-prepared SSFP improves diagnostic confidence in edema imaging in acute myocardial infarction compared to turbo spin echo. <i>Magnetic Resonance in Medicine</i> , 2007, 57, 891-897.	1.9	219
213	Motion corrected free-breathing delayed-enhancement imaging of myocardial infarction using nonrigid registration. <i>Journal of Magnetic Resonance Imaging</i> , 2007, 26, 184-190.	1.9	470
214	Treatment late effects in long-term survivors of pediatric sarcoma. <i>Pediatric Blood and Cancer</i> , 2007, 48, 192-199.	0.8	63
215	Coronary artery aneurysms in patients with hyper IgE recurrent infection syndrome. <i>Clinical Immunology</i> , 2007, 122, 255-258.	1.4	63
216	Myocardial Strain Decreases with Increasing Transmurality of Infarction: A Doppler Echocardiographic and Magnetic Resonance Correlation Study. <i>Journal of the American Society of Echocardiography</i> , 2006, 19, 34-39.	1.2	23

#	ARTICLE	IF	CITATIONS
217	Prognosis of Negative Adenosine Stress Magnetic Resonance in Patients Presenting to an Emergency Department With Chest Pain. <i>Journal of the American College of Cardiology</i> , 2006, 47, 1427-1432.	1.2	285
218	Retrospective Determination of the Area at Risk for Reperfused Acute Myocardial Infarction With T2-Weighted Cardiac Magnetic Resonance Imaging. <i>Circulation</i> , 2006, 113, 1865-1870.	1.6	902
219	T2* measurement during first-pass contrast-enhanced cardiac perfusion imaging. <i>Magnetic Resonance in Medicine</i> , 2006, 56, 1132-1134.	1.9	24
220	Quantitative myocardial infarction on delayed enhancement MRI. Part II: Clinical application of an automated feature analysis and combined thresholding infarct sizing algorithm. <i>Journal of Magnetic Resonance Imaging</i> , 2006, 23, 309-314.	1.9	77
221	Quantitative myocardial infarction on delayed enhancement MRI. Part I: Animal validation of an automated feature analysis and combined thresholding infarct sizing algorithm. <i>Journal of Magnetic Resonance Imaging</i> , 2006, 23, 298-308.	1.9	154
222	Quantitative myocardial perfusion analysis with a dual-bolus contrast-enhanced first-pass MRI technique in humans. <i>Journal of Magnetic Resonance Imaging</i> , 2006, 23, 315-322.	1.9	130
223	Long-term safety of cardiac magnetic resonance imaging performed in the first few days after bare-metal stent implantation. <i>Journal of Magnetic Resonance Imaging</i> , 2006, 24, 1056-1061.	1.9	44
224	Cardiovascular Function in Multi-Ethnic Study of Atherosclerosis: Normal Values by Age, Sex, and Ethnicity. <i>American Journal of Roentgenology</i> , 2006, 186, S357-S365.	1.0	398
225	Cardiac Magnetic Resonance Appearance of Myocarditis Caused by High Dose IL-2: Similarities to Community-Acquired Myocarditis. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2006, 8, 353-360.	1.6	28
226	Computerized measurement of myocardial infarct size on contrast-enhanced magnetic resonance images. , 2005, , .		0
227	DENSE with SENSE. <i>Journal of Magnetic Resonance</i> , 2005, 176, 99-106.	1.2	32
228	Is Functional Capacity Related to Left Atrial Contractile Function in Nonobstructive Hypertrophic Cardiomyopathy?. <i>Congestive Heart Failure</i> , 2005, 11, 234-240.	2.0	8
229	Wash-in kinetics for gadolinium-enhanced magnetic resonance imaging of carotid atheroma. <i>Journal of Magnetic Resonance Imaging</i> , 2005, 21, 91-95.	1.9	34
230	Multicontrast delayed enhancement provides improved contrast between myocardial infarction and blood pool. <i>Journal of Magnetic Resonance Imaging</i> , 2005, 22, 605-613.	1.9	46
231	Preliminary investigation of respiratory self-gating for free-breathing segmented cine MRI. <i>Magnetic Resonance in Medicine</i> , 2005, 53, 159-168.	1.9	172
232	Motion-corrected free-breathing delayed enhancement imaging of myocardial infarction. <i>Magnetic Resonance in Medicine</i> , 2005, 53, 194-200.	1.9	115
233	Reproducibility and Inter-observer Variability of Dobutamine Stress CMR in Patients with Severe Coronary Disease: Implications for Clinical Research. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2005, 7, 763-768.	1.6	27
234	Determining Canine Myocardial Area at Risk with Manganese-enhanced MR Imaging. <i>Radiology</i> , 2005, 236, 859-866.	3.6	29

#	ARTICLE	IF	CITATIONS
235	Pulmonary Vein Imaging: Comparison of 3D Magnetic Resonance Angiography with 2D Cine MRI for Characterizing Anatomy and Size. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2005, 7, 355-360.	1.6	25
236	Role of Noninvasive Testing in the Clinical Evaluation of Women With Suspected Coronary Artery Disease. <i>Circulation</i> , 2005, 111, 682-696.	1.6	425
237	Left atrial volumetric remodeling is predictive of functional capacity in nonobstructive hypertrophic cardiomyopathy. <i>American Heart Journal</i> , 2005, 149, 730-736.	1.2	80
238	Outcomes and Risks of Granulocyte Colony-Stimulating Factor in Patients With Coronary Artery Disease. <i>Journal of the American College of Cardiology</i> , 2005, 46, 1643-1648.	1.2	206
239	Absolute Myocardial Perfusion in Canines Measured by Using Dual-Bolus First-Pass MR Imaging. <i>Radiology</i> , 2004, 232, 677-684.	3.6	271
240	3D breath-held cardiac function with projection reconstruction in steady state free precession validated using 2D cine MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2004, 20, 411-416.	1.9	45
241	Artifact suppression in imaging of myocardial infarction using B1-weighted phased-array combined phase-sensitive inversion recovery. <i>Magnetic Resonance in Medicine</i> , 2004, 51, 408-412.	1.9	20
242	Imaging of myocardial infarction for diagnosis and intervention using real-time interactive MRI without ECG-gating or breath-holding. <i>Magnetic Resonance in Medicine</i> , 2004, 52, 354-361.	1.9	32
243	AIR-SPAMM: alternative inversion recovery spatial modulation of magnetization for myocardial tagging. <i>Journal of Magnetic Resonance</i> , 2004, 166, 236-245.	1.2	8
244	meta-DENSE complex acquisition for reduced intravoxel dephasing. <i>Journal of Magnetic Resonance</i> , 2004, 169, 246-249.	1.2	22
245	Gadolinium delayed enhancement cardiovascular magnetic resonance correlates with clinical measures of myocardial infarction. <i>Journal of the American College of Cardiology</i> , 2004, 43, 2253-2259.	1.2	292
246	Detecting Patients With Acute Coronary Syndrome in the Chest Pain Center of the Emergency Department With Cardiac Magnetic Resonance Imaging. <i>Critical Pathways in Cardiology</i> , 2004, 3, 25-31.	0.2	13
247	Fast method for correcting image misregistration due to organ motion in time-series MRI data. <i>Magnetic Resonance in Medicine</i> , 2003, 49, 506-514.	1.9	44
248	Assessment of regional systolic and diastolic dysfunction in familial hypertrophic cardiomyopathy using MR tagging. <i>Magnetic Resonance in Medicine</i> , 2003, 50, 638-642.	1.9	102
249	Detecting Acute Coronary Syndrome in the Emergency Department With Cardiac Magnetic Resonance Imaging. <i>Circulation</i> , 2003, 107, 531-537.	1.6	328
250	Stunned, Infarcted, and Normal Myocardium in Dogs: Simultaneous Differentiation by Using Gadolinium-enhanced Cine MR Imaging with Magnetization Transfer Contrast. <i>Radiology</i> , 2003, 226, 723-730.	3.6	39
251	Surface Coil Intensity Correction and Non-linear Intensity Normalization Improve Pixel-Resolution Parametric Maps of Myocardial MRI Perfusion. <i>Lecture Notes in Computer Science</i> , 2003, , 975-976.	1.0	5
252	Qualitative Assessment of Regional Left Ventricular Function Can Predict MRI or Radionuclide Ejection Fraction: An Objective Alternative to Eyeball Estimates. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2003, 5, 451-463.	1.6	17

#	ARTICLE	IF	CITATIONS
253	Carotid Artery Atherosclerosis: In Vivo Morphologic Characterization with Gadolinium-enhanced Double-oblique MR Imaging—Initial Results. <i>Radiology</i> , 2002, 223, 566-573.	3.6	313
254	Elevated Cerebral Blood Flow Velocities in Fabry Disease With Reversal After Enzyme Replacement. <i>Stroke</i> , 2002, 33, 525-531.	1.0	161
255	Effect of hormone replacement therapy on carotid arterial compliance in healthy postmenopausal women. <i>American Journal of Cardiology</i> , 2002, 90, 82-85.	0.7	25
256	Phase-sensitive inversion recovery for detecting myocardial infarction using gadolinium-delayed hyperenhancement. <i>Magnetic Resonance in Medicine</i> , 2002, 47, 372-383.	1.9	941
257	Multislice first-pass cardiac perfusion MRI: Validation in a model of myocardial infarction. <i>Magnetic Resonance in Medicine</i> , 2002, 47, 482-491.	1.9	72
258	Stem Cells for Myocardial Regeneration. <i>Circulation Research</i> , 2002, 91, 1092-1102.	2.0	304
259	Arterial wall MRI characteristics are associated with elevated serum markers of inflammation in humans. <i>Journal of Magnetic Resonance Imaging</i> , 2001, 14, 698-704.	1.9	58
260	Gadolinium-enhanced, vessel-tracking, two-dimensional coronary MR angiography: Single-dose arterial-phase vs. delayed-phase imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2001, 13, 682-689.	1.9	8
261	Hypertrophic Cardiomyopathy Caused by a Novel $\beta$ -Tropomyosin Mutation (V95A) Is Associated With Mild Cardiac Phenotype, Abnormal Calcium Binding to Troponin, Abnormal Myosin Cycling, and Poor Prognosis. <i>Circulation</i> , 2001, 103, 65-71.	1.6	118
262	Function, Metabolic, and Flow Heterogeneity of the Heart. <i>Circulation Research</i> , 2001, 88, 265-267.	2.0	61
263	<title>NIHmagic: 3D visualization, registration, and segmentation tool</title>. , 2000, , .		1
264	Magnetic Resonance First-Pass Myocardial Perfusion Imaging. <i>Topics in Magnetic Resonance Imaging</i> , 2000, 11, 383-398.	0.7	62
265	Optimization of fast cardiac imaging using an echo-train readout. <i>Journal of Magnetic Resonance Imaging</i> , 2000, 11, 75-80.	1.9	29
266	Myocardial oxygenation in vivo: optical spectroscopy of cytoplasmic myoglobin and mitochondrial cytochromes. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 1999, 277, H683-H697.	1.5	50
267	Real-time three-dimensional echocardiography for measurement of left ventricular volumes. <i>American Journal of Cardiology</i> , 1999, 84, 1434-1439.	0.7	120
268	Visualization of aortic valve leaflets using black blood MRI. <i>Journal of Magnetic Resonance Imaging</i> , 1999, 10, 771-777.	1.9	45
269	Segmentedk-space fast cardiac imaging using an echo-train readout. <i>Magnetic Resonance in Medicine</i> , 1999, 41, 609-613.	1.9	81
270	Myocardial velocity gradient imaging by phase contrast MRI with application to regional function in myocardial ischemia. <i>Magnetic Resonance in Medicine</i> , 1999, 42, 98-109.	1.9	73



#	ARTICLE	IF	CITATIONS
271	Using cardiac phase-ordered reconstruction (CAPTOR): A method to improve diastolic images. <i>Journal of Magnetic Resonance Imaging</i> , 1997, 7, 794-798.	1.9	60
272	Spectroscopic Determination of Cytochrome c Oxidase Content in Tissues Containing Myoglobin or Hemoglobin. <i>Analytical Biochemistry</i> , 1996, 237, 274-278.	1.1	74
273	Metabolic Adaptation to a Gradual Reduction in Myocardial Blood Flow. <i>Circulation</i> , 1995, 92, 244-252.	1.6	50
274	Response to myocardial ischemia as a regulated process.. <i>Circulation</i> , 1991, 84, 2580-2587.	1.6	57
275	Active downregulation of myocardial energy requirements during prolonged moderate ischemia in swine.. <i>Circulation Research</i> , 1991, 69, 1458-1469.	2.0	123
276	Regeneration of myocardial phosphocreatine in pigs despite continued moderate ischemia.. <i>Circulation Research</i> , 1990, 67, 1481-1493.	2.0	150