Raymond J Kim

List of Publications by Year
in descending order

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171	27,592	18436 62	5364 164
papers	citations	h-index	g-index

177	177	177	13457
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Use of Contrast-Enhanced Magnetic Resonance Imaging to Identify Reversible Myocardial Dysfunction. New England Journal of Medicine, 2000, 343, 1445-1453.	13.9	2,910
2	Relationship of MRI Delayed Contrast Enhancement to Irreversible Injury, Infarct Age, and Contractile Function. Circulation, 1999, 100, 1992-2002.	1.6	2,310
3	ACCF/ACR/SCCT/SCMR/ASNC/NASCI/SCAI/SIR 2006 Appropriateness Criteria for Cardiac Computed Tomography and Cardiac Magnetic Resonance ImagingâžžDeveloped in accordance with the principles and methodology outlined by ACCF: Patel MR, Spertus JA, Brindis RG, Hendel RC, Douglas PS, Peterson ED, Wolk MJ, Allen JM, Raskin IE. ACCF proposed method for evaluating the appropriateness of cardiovascular imaging. J Am Coll Cardiol 2005;46:1606â€“13.. Journal of the American College of Cardiology, 2006, 48, 1475-1497.	1.2	1,326
4	An Improved MR Imaging Technique for the Visualization of Myocardial Infarction. Radiology, 2001, 218, 215-223.	3.6	1,265
5	Contrast-enhanced MRI and routine single photon emission computed tomography (SPECT) perfusion imaging for detection of subendocardial myocardial infarcts: an imaging study. Lancet, The, 2003, 361, 374-379.	6.3	1,208
6	Standardized image interpretation and post processing in cardiovascular magnetic resonance: Society for Cardiovascular Magnetic Resonance (SCMR) Board of Trustees Task Force on Standardized Post Processing. Journal of Cardiovascular Magnetic Resonance, 2013, 15, 35.	1.6	1,037
7	Delayed enhancement cardiovascular magnetic resonance assessment of non-ischaemic cardiomyopathies. European Heart Journal, 2005, 26, 1461-1474.	1.0	766
8	Visualisation of presence, location, and transmural extent of healed Q-wave and non-Q-wave myocardial infarction. Lancet, The, 2001, 357, 21-28.	6.3	687
9	Detection of Myocardial Damage in Patients With Sarcoidosis. Circulation, 2009, 120, 1969-1977.	1.6	610
10	Standardized cardiovascular magnetic resonance (CMR) protocols 2013 update. Journal of Cardiovascular Magnetic Resonance, 2013, 15, 91.	1.6	599
11	Myocardial scarring in asymptomatic or mildly symptomatic patients with hypertrophic cardiomyopathy. Journal of the American College of Cardiology, 2002, 40, 2156-2164.	1.2	587
12	Transmural Extent of Acute Myocardial Infarction Predicts Long-Term Improvement in Contractile Function. Circulation, 2001, 104, 1101-1107.	1.6	582
13	Standardized cardiovascular magnetic resonance imaging (CMR) protocols: 2020 update. Journal of Cardiovascular Magnetic Resonance, 2020, 22, 17.	1.6	550
14	Myocardial Gd-DTPA Kinetics Determine MRI Contrast Enhancement and Reflect the Extent and Severity of Myocardial Injury After Acute Reperfused Infarction. Circulation, 1996, 94, 3318-3326.	1.6	542
15	Standardized cardiovascular magnetic resonance imaging (CMR) protocols, society for cardiovascular magnetic resonance: board of trustees task force on standardized protocols. Journal of Cardiovascular Magnetic Resonance, 2008, 10, 35.	1.6	528
16	Contrast-enhanced magnetic resonance imaging of myocardium at risk. Journal of the American College of Cardiology, 2000, 36, 1985-1991.	1.2	513
17	Standardized image interpretation and post-processing in cardiovascular magnetic resonance - 2020 update. Journal of Cardiovascular Magnetic Resonance, 2020, 22, 19.	1.6	467
18	Visualization of Discrete Microinfarction After Percutaneous Coronary Intervention Associated With Mild Creatine Kinase-MB Elevation. Circulation, 2001, 103, 2780-2783.	1.6	455

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19	Infarct morphology identifies patients with substrate for sustained ventricular tachycardia. Journal of the American College of Cardiology, 2005, 45, 1104-1108.	1.2	433
20	Theory of High-Speed MR Imaging of the Human Heart with the Selective Line Acquisition Mode. Radiology, 2001, 220, 540-547.	3.6	423
21	Improved Detection of Coronary Artery Disease by Stress Perfusion Cardiovascular Magnetic Resonance With the Use of Delayed Enhancement Infarction Imaging. Journal of the American College of Cardiology, 2006, 47, 1630-1638.	1.2	379
22	Reproducibility of Chronic Infarct Size Measurement by Contrast-Enhanced Magnetic Resonance Imaging. Circulation, 2002, 106, 2322-2327.	1.6	368
23	Myocardial Magnetic Resonance Imaging Contrast Agent Concentrations After Reversible and Irreversible Ischemic Injury. Circulation, 2002, 105, 224-229.	1.6	366
24	Gadolinium Cardiovascular Magnetic Resonance Predicts Reversible Myocardial Dysfunction and Remodeling in Patients With Heart Failure Undergoing Î²-Blocker Therapy. Circulation, 2003, 108, 1945-1953.	1.6	307
25	Quantification and time course of microvascular obstruction by contrast-enhanced echocardiography and magnetic resonance imaging following acute myocardial infarction and reperfusion. Journal of the American College of Cardiology, 1998, 32, 1756-1764.	1.2	300
26	How We Perform Delayed Enhancement Imaging. Journal of Cardiovascular Magnetic Resonance, 2003, 5, 505-514.	1.6	295
27	Cardiovascular Magnetic Resonance in Patients With Myocardial Infarction. Journal of the American College of Cardiology, 2009, 55, 1-16.	1.2	294
28	Assessment of Myocardial Scarring Improves Risk Stratification in Patients Evaluated for Cardiac Defibrillator Implantation. Journal of the American College of Cardiology, 2012, 60, 408-420.	1.2	277
29	Detection of Left Ventricular Thrombus by Delayed-Enhancement Cardiovascular Magnetic Resonance. Journal of the American College of Cardiology, 2008, 52, 148-157.	1.2	271
30	Performance of Delayed-Enhancement Magnetic Resonance Imaging With Gadoversetamide Contrast for the Detection and Assessment of Myocardial Infarction. Circulation, 2008, 117, 629-637.	1.6	264
31	Patients With Acute Myocarditis Following mRNA COVID-19 Vaccination. JAMA Cardiology, 2021, 6, 1196.	3.0	254
32	Cardiac MRI Endpoints in MyocardialÂInfarction Experimental andÂClinicalÂTrials. Journal of the American College of Cardiology, 2019, 74, 238-256.	1.2	235
33	Frontiers in Cardiovascular Magnetic Resonance. Circulation, 2005, 112, 135-144.	1.6	206
34	Intravenous Erythropoietin in Patients With ST-Segment Elevation Myocardial Infarction. JAMA - Journal of the American Medical Association, 2011, 305, 1863.	3.8	203
35	Feature-Tracking Global Longitudinal Strain Predicts Death in a Multicenter Population of Patients With Ischemic and Nonischemic Dilated Cardiomyopathy Incremental to Ejection Fraction and LateÂGadolinium Enhancement. JACC: Cardiovascular Imaging, 2018, 11, 1419-1429.	2.3	192
36	Contrast-Enhanced Anatomic Imaging as Compared to Contrast-Enhanced Tissue Characterization for Detection of Left Ventricular Thrombus. JACC: Cardiovascular Imaging, 2009, 2, 969-979.	2.3	181

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37	Early Assessment of Myocardial Salvage by Contrast-Enhanced Magnetic Resonance Imaging. Circulation, 2000, 102, 1678-1683.	1.6	169
38	Myocardial Fibrosis in Patients With Primary Mitral Regurgitation With andÂWithout Prolapse. Journal of the American College of Cardiology, 2018, 72, 823-834.	1.2	169
39	LV Thrombus Detection by Routine Echocardiography. JACC: Cardiovascular Imaging, 2011, 4, 702-712.	2.3	166
40	Intravenous Allogeneic Mesenchymal Stem Cells for Nonischemic Cardiomyopathy. Circulation Research, 2017, 120, 332-340.	2.0	144
41	Infarct resorption, compensatory hypertrophy, and differing patterns of ventricular remodeling following myocardial infarctions of varying size. Journal of the American College of Cardiology, 2004, 43, 2124-2131.	1.2	143
42	Limits of Detection of Regional Differences in Vasodilated Flow in Viable Myocardium by First-Pass Magnetic Resonance Perfusion Imaging. Circulation, 2001, 104, 2412-2416.	1.6	141
43	Echocardiographic Algorithm for Postâ€“Myocardial Infarction LV Thrombus. JACC: Cardiovascular Imaging, 2016, 9, 505-515.	2.3	141
44	Effects of Time, Dose, and Inversion Time for Acute Myocardial Infarct Size Measurements Based on Magnetic Resonance Imaging-Delayed Contrast Enhancement. Journal of the American College of Cardiology, 2006, 47, 2027-2033.	1.2	128
45	Relationship of Elevated ²³ Na Magnetic Resonance Image Intensity to Infarct Size After Acute Reperfused Myocardial Infarction. Circulation, 1999, 100, 185-192.	1.6	124
46	Relationship of contractile function to transmural extent of infarction in patients with chronic coronary artery disease. Journal of the American College of Cardiology, 2003, 42, 505-512.	1.2	119
47	Prognostic Value of Routine Cardiac Magnetic Resonance Assessment of Left Ventricular Ejection Fraction and Myocardial Damage. Circulation: Cardiovascular Imaging, 2011, 4, 610-619.	1.3	119
48	CMR Imaging With Rapid Visual T1 Assessment Predicts Mortality in Patients Suspected of Cardiac Amyloidosis. JACC: Cardiovascular Imaging, 2014, 7, 143-156.	2.3	116
49	Unrecognized Non-Q-Wave Myocardial Infarction: Prevalence and Prognostic Significance in Patients with Suspected Coronary Disease. PLoS Medicine, 2009, 6, e1000057.	3.9	110
50	Fast ²³ Na Magnetic Resonance Imaging of Acute Reperfused Myocardial Infarction. Circulation, 1997, 95, 1877-1885.	1.6	109
51	Prevalence of Regional Myocardial Thinning and Relationship With Myocardial Scarring in Patients With Coronary Artery Disease. JAMA - Journal of the American Medical Association, 2013, 309, 909.	3.8	104
52	Rapid Detection of Myocardial Infarction by Subsecond, Free-Breathing Delayed Contrast-Enhancement Cardiovascular Magnetic Resonance. Circulation, 2007, 115, 236-244.	1.6	101
53	Controversies in Cardiovascular MR Imaging: T2-weighted Imaging Should Not Be Used to Delineate the Area at Risk in Ischemic Myocardial Injury. Radiology, 2012, 265, 12-22.	3.6	91
54	Prognostic Value of Vasodilator Stress Cardiac Magnetic Resonance Imaging. JAMA Cardiology, 2019, 4, 256.	3.0	88

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55	Relationship of T2-Weighted MRI Myocardial Hyperintensity and the Ischemic Area-At-Risk. Circulation Research, 2015, 117, 254-265.	2.0	85
56	Late Gadolinium Enhancement Magnetic Resonance Imaging in the Diagnosis and Prognosis of Endomyocardial Fibrosis Patients. Circulation: Cardiovascular Imaging, 2011, 4, 304-311.	1.3	80
57	Magnetic resonance imaging for the assessment of myocardial viability. Journal of Magnetic Resonance Imaging, 2004, 19, 771-788.	1.9	79
58	T2-weighted CMR of the area at riskâ€"a risky business?. Nature Reviews Cardiology, 2010, 7, 547-549.	6.1	78
59	Machine learning derived segmentation of phase velocity encoded cardiovascular magnetic resonance for fully automated aortic flow quantification. Journal of Cardiovascular Magnetic Resonance, 2019, 21, 1.	1.6	73
60	T2-Weighted Imaging to Assess Post-Infarct Myocardium at Risk. JACC: Cardiovascular Imaging, 2011, 4, 1014-1021.	2.3	70
61	Assessment of no-reflow regions using cardiac MRI. Basic Research in Cardiology, 2006, 101, 383-390.	2.5	67
62	The Prevalence, Correlates, and ImpactÂonÂCardiac Mortality of RightÂVentricular Dysfunction in NonischemicÂCardiomyopathy. JACC: Cardiovascular Imaging, 2017, 10, 1225-1236.	2.3	67
63	Relationship of LVEF and Myocardial Scar to Long-Term Mortality Risk and Mode of Death in Patients With Nonischemic Cardiomyopathy. Circulation, 2021, 143, 1343-1358.	1.6	64
64	Optimizing Cardiac MR Imaging: Practical Remedies for Artifacts. Radiographics, 2008, 28, 1161-1187.	1.4	63
65	Evaluation of Myocardial Viability by MRI. Herz, 2000, 25, 417-430.	0.4	59
66	Association of left atrial volume index and all-cause mortality in patients referred for routine cardiovascular magnetic resonance: a multicenter study. Journal of Cardiovascular Magnetic Resonance, 2019, 21, 4.	1.6	59
67	Initial Imaging-Guided Strategy VersusÂRoutine Care in Patients WithÂNonâ€"ST-Segment Elevation Myocardial Infarction. Journal of the American College of Cardiology, 2019, 74, 2466-2477.	1.2	58
68	Value of Cardiovascular Magnetic Resonance Stress Perfusion Testing for the Detection of Coronary Artery Disease in Women. JACC: Cardiovascular Imaging, 2008, 1, 436-445.	2.3	54
69	Detection and characteristics of microvascular obstruction in reperfused acute myocardial infarction using an optimized protocol for contrast-enhanced cardiovascular magnetic resonance imaging. European Radiology, 2009, 19, 2904-2912.	2.3	52
70	Microvascular Integrity and the Time Course of Myocardial Sodium Accumulation After Acute Infarction. Circulation Research, 2000, 87, 648-655.	2.0	51
71	Viability Assessment by Delayed Enhancement Cardiovascular Magnetic Resonance. Circulation, 2004, 109, 2476-2479.	1.6	51
72	Direct En Face Imaging of Secundum Atrial Septal Defects by Velocity-Encoded Cardiovascular Magnetic Resonance in Patients Evaluated for Possible Transcatheter Closure. Circulation: Cardiovascular Imaging, 2008, 1, 31-40.	1.3	51

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73	â€œTargeting the Heartâ€•in Heart Failure. JACC: Heart Failure, 2015, 3, 661-669.	1.9	50
74	Dark-Blood Delayed Enhancement CardiacÂMagnetic Resonance of MyocardialÂInfarction. JACC: Cardiovascular Imaging, 2018, 11, 1758-1769.	2.3	50
75	Myonecrosis following stent placement: Association between impaired TIMI myocardial perfusion grade and MRI visualization of microinfarction. Catheterization and Cardiovascular Interventions, 2004, 61, 472-476.	0.7	47
76	Association of Feature-Tracking Cardiac Magnetic Resonance Imaging Left Ventricular Global Longitudinal Strain With All-Cause Mortality in Patients With Reduced Left Ventricular Ejection Fraction. Circulation, 2017, 135, 2313-2315.	1.6	47
77	Effects of Elamipretide on Left Ventricular Function in Patients With Heart Failure With Reduced Ejection Fraction: The PROGRESS-HF Phase 2 Trial. Journal of Cardiac Failure, 2020, 26, 429-437.	0.7	46
78	Identifying the Etiology: A Systematic Approach Using Delayed-Enhancement Cardiovascular Magnetic Resonance. Heart Failure Clinics, 2009, 5, 349-367.	1.0	45
79	Imaging Time After Gd-DTPA Injection Is Critical in Using Delayed Enhancement to Determine Infarct Size Accurately With Magnetic Resonance Imaging. Circulation, 2002, 106, e6; author reply e6.	1.6	44
80	Feature-Tracking Global Longitudinal Strain Predicts Mortality in Patients With Preserved Ejection Fraction. JACC: Cardiovascular Imaging, 2020, 13, 940-947.	2.3	44
81	Long-Term Prognostic Implications ofÂPrevious Silent Myocardial Infarction inÂPatients Presenting With AcuteÂMyocardial Infarction. JACC: Cardiovascular Imaging, 2018, 11, 1773-1781.	2.3	41
82	Sources of variability in quantification of cardiovascular magnetic resonance infarct size - reproducibility among three core laboratories. Journal of Cardiovascular Magnetic Resonance, 2017, 19, 62.	1.6	40
83	Size Matters. Circulation: Arrhythmia and Electrophysiology, 2018, 11, e006767.	2.1	39
84	Safety and Tolerability of Neladenoson Bialanate, a Novel Oral Partial Adenosine A1 Receptor Agonist, in Patients With Chronic Heart Failure. Journal of Clinical Pharmacology, 2017, 57, 440-451.	1.0	38
85	Acute Myocardial Infarction: Safety of Cardiac MR Imaging after Percutaneous Revascularization with Stents. Radiology, 2006, 240, 674-680.	3.6	37
86	Pexelizumab and Infarct Size in Patients With Acute Myocardial Infarction Undergoing Primary Percutaneous Coronary Intervention. JACC: Cardiovascular Imaging, 2010, 3, 52-60.	2.3	37
87	MR imaging of myocardial perfusion and viability. Magnetic Resonance Imaging Clinics of North America, 2003, 11, 49-66.	0.6	36
88	Physiological Basis for Potassium (³⁹ K) Magnetic Resonance Imaging of the Heart. Circulation Research, 1999, 84, 913-920.	2.0	34
89	Diastolic Dysfunction in Individuals With Human Immunodeficiency Virus Infection: Literature Review, Rationale and Design of the Characterizing Heart Function on Antiretroviral Therapy (CHART) Study. Journal of Cardiac Failure, 2018, 24, 255-265.	0.7	32
90	Identifying the Infarct-Related Artery in Patients With Nonâ€“ST-Segmentâ€“Elevation Myocardial Infarction. Circulation: Cardiovascular Interventions, 2019, 12, e007305.	1.4	32

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91	Guidelines for Training in Cardiovascular Magnetic Resonance (CMR). Journal of Cardiovascular Magnetic Resonance, 2007, 9, 3-4.	1.6	29
92	Predicting chronic left ventricular dysfunction 90 days after ST-segment elevation myocardial infarction: An Assessment of Pexelizumab in Acute Myocardial Infarction (APEX-AMI) Substudy. American Heart Journal, 2010, 160, 272-278.	1.2	29
93	Motion and flow insensitive adiabatic T₂â€preparation module for cardiac MR imaging at 3 tesla. Magnetic Resonance in Medicine, 2013, 70, 1360-1368.	1.9	29
94	Cardiac MRI to Visualize Myocardial Damage after ST-Segment Elevation Myocardial Infarction: A Review of Its Histologic Validation. Radiology, 2021, 301, 4-18.	3.6	29
95	Technology Insight: assessment of myocardial viability by delayed-enhancement magnetic resonance imaging. Nature Clinical Practice Cardiovascular Medicine, 2005, 2, 150-158.	3.3	28
96	Prognostic Implications of Mitral Annular Plane Systolic Excursion in Patients with Hypertension and a Clinical Indication for Cardiac Magnetic Resonance Imaging. JACC: Cardiovascular Imaging, 2019, 12, 1769-1779.	2.3	28
97	Stress Cardiac MR Imaging Compared with Stress Echocardiography in the Early Evaluation of Patients Who Present to the Emergency Department with Intermediate-Risk Chest Pain. Radiology, 2014, 271, 56-64.	3.6	27
98	Cardiovascular magnetic resonance imaging in suspected cardiac tumour: a multicentre outcomes study. European Heart Journal, 2021, 43, 71-80.	1.0	27
99	Use of cardiac magnetic resonance imaging to evaluate cardiac structure, function and fibrosis in children with infantile Pompe disease on enzyme replacement therapy. Molecular Genetics and Metabolism, 2010, 101, 332-337.	0.5	26
100	Technology Insight: MRI of the myocardium. Nature Clinical Practice Cardiovascular Medicine, 2005, 2, 597-605.	3.3	25
101	Performance of CMR Methods for Differentiating Acute From Chronic MI. JACC: Cardiovascular Imaging, 2015, 8, 669-679.	2.3	25
102	The end of an electrocardiographic dogma: a prominent R wave in V1 is caused by a lateral not posterior myocardial infarction--new evidence based on contrast-enhanced cardiac magnetic resonance--electrocardiogram correlations. European Heart Journal, 2015, 36, 959-964.	1.0	25
103	Diastolic Dysfunction in Patients With Human Immunodeficiency Virus Receiving Antiretroviral Therapy: Results From the CHART Study. Journal of Cardiac Failure, 2020, 26, 371-380.	0.7	25
104	Prognostic Value of Feature-Tracking Right Ventricular Longitudinal Strain in Severe Functional Tricuspid Regurgitation. JACC: Cardiovascular Imaging, 2021, 14, 1561-1568.	2.3	25
105	Noninvasive cineangiography by magnetic resonance global coherent free precession. Nature Medicine, 2004, 10, 545-549.	15.2	23
106	Design and rationale of the Reduction of Infarct Expansion and Ventricular Remodeling with Erythropoietin after Large Myocardial Infarction (REVEAL) trial. American Heart Journal, 2010, 160, 795-803.e2.	1.2	23
107	Performance of angiographic, electrocardiographic and MRI methods to assess the area at risk in acute myocardial infarction. Heart, 2012, 98, 109-115.	1.2	23
108	Left Ventricular Long-Axis Function Assessed with Cardiac Cine MR Imaging Is an Independent Predictor of All-Cause Mortality in Patients with Reduced Ejection Fraction: A Multicenter Study. Radiology, 2018, 286, 452-460.	3.6	23

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109	Definition of Left Ventricular Segments for Cardiac Magnetic Resonance Imaging. JACC: Cardiovascular Imaging, 2018, 11, 926-928.	2.3	23
110	Prevalence and Prognosis of Unrecognized Myocardial Infarction in Asymptomatic Patients With Diabetes: A Two-Center Study With Up to 5 Years of Follow-up. Diabetes Care, 2019, 42, 1290-1296.	4.3	23
111	Clinical assessment of acute heart failure syndromes: emergency department through the early post-discharge period. Heart, 2011, 97, 1607-1618.	1.2	22
112	Task Force 12: Training in Advanced Cardiovascular Imaging (Cardiovascular Magnetic Resonance) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.2	21
113	Evaluation of Ischemic Heart Disease. Heart Failure Clinics, 2009, 5, 315-332.	1.0	20
114	EPC mobilization after erythropoietin treatment in acute ST-elevation myocardial infarction: the REVEAL EPC substudy. Journal of Thrombosis and Thrombolysis, 2013, 36, 375-383.	1.0	20
115	Late gadolinium cardiovascular magnetic resonance in the assessment of myocardial viability. Coronary Artery Disease, 2005, 16, 365-372.	0.3	19
116	Clinical Application of Cine-MRI in the Visual Assessment of Mitral Regurgitation Compared to Echocardiography and Cardiac Catheterization. PLoS ONE, 2012, 7, e40491.	1.1	19
117	Respiratory Motion and Cardiac Arrhythmia Effects on Diagnostic Accuracy of Myocardial Delayed-enhanced MR Imaging in Canines. Radiology, 2008, 247, 106-114.	3.6	18
118	Redefining the role of biomarkers in heart failure trials: expert consensus document. Heart Failure Reviews, 2017, 22, 263-277.	1.7	18
119	Noninvasive Assessment of Blood Flow Based on Magnetic Resonance Global Coherent Free Precession. Circulation, 2005, 111, 1033-1039.	1.6	16
120	Magnetic Resonance Water Proton Relaxation in Protein Solutions and Tissue: T1Ï•Dispersion Characterization. PLoS ONE, 2010, 5, e8565.	1.1	16
121	Comparison of stress cardiovascular magnetic resonance imaging (CMR) with stress nuclear perfusion for the diagnosis of coronary artery disease. Journal of Nuclear Cardiology, 2016, 23, 287-297.	1.4	16
122	23Na MRI combined with contrast-enhanced1H MRI provides in vivo characterization of infarct healing. Magnetic Resonance in Medicine, 2005, 53, 843-850.	1.9	14
123	Anatomic and clinical correlates of septal morphology in hypertrophic cardiomyopathy. European Heart Journal Cardiovascular Imaging, 2011, 12, 131-139.	0.5	14
124	Late Gadolinium Enhancement Cardiac Magnetic Resonance Tissue Characterization for Cancerâ€Associated Cardiac Masses: Metabolic and Prognostic Manifestations in Relation to Wholeâ€Body Positron Emission Tomography. Journal of the American Heart Association, 2019, 8, e011709.	1.6	14
125	Cardiovascular MRI: its current and future use in clinical practice. Expert Review of Cardiovascular Therapy, 2007, 5, 307-321.	0.6	12
126	Detection of Myocardial Ischemia by Stress Perfusion Cardiovascular Magnetic Resonance. Cardiology Clinics, 2007, 25, 57-70.	0.9	12

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127	The Role of Cardiac MR in New-Onset Heart Failure. Current Cardiology Reports, 2011, 13, 185-193.	1.3	12
128	Effects of the chymase inhibitor fulacimstat on adverse cardiac remodeling after acute myocardial infarctionâ€"Results of the Chymase Inhibitor in Adverse Remodeling after Myocardial Infarction (CHIARA MIA) 2 trial. American Heart Journal, 2020, 224, 129-137.	1.2	12
129	Left Atrial Structure and Function in Heart Failure with Preserved Ejection Fraction: A RELAX Substudy. PLoS ONE, 2016, 11, e0164914.	1.1	12
130	The role of cardiovascular magnetic resonance imaging and computed tomography angiography in suspected nonâ€"ST-elevation myocardial infarction patients: Design and rationale of the CARdiovascular Magnetic rEsoNance imaging and computed Tomography Angiography (CARMENTA) trial. American Heart Journal, 2013, 166, 968-975.	1.2	11
131	Cardiac MR for the Assessment of Myocardial Viability. Methodist DeBakey Cardiovascular Journal, 2021, 9, 163.	0.5	11
132	Use of cardiac magnetic resonance to assess viability. Current Cardiology Reports, 2005, 7, 59-64.	1.3	10
133	The Use of Cardiac Magnetic Resonance in Patients with Suspected Coronary Artery Disease: A Clinical Practice Perspective. Journal of Cardiovascular Imaging, 2016, 24, 96.	0.8	8
134	A Clinical Cardiovascular Magnetic Resonance Service: Operational Considerations and the Basic Examination. Cardiology Clinics, 2007, 25, 1-13.	0.9	7
135	Aborted myocardial infarction after primary percutaneous coronary intervention: Magnetic resonance imaging insights from the Assessment of Pexelizumab in Acute Myocardial Infarction (APEX-AMI) trial. American Heart Journal, 2013, 165, 226-233.	1.2	7
136	Risk stratification of cardiac metastases using late gadolinium enhancement cardiovascular magnetic resonance: prognostic impact of hypo-enhancement evidenced tumor avascularity. Journal of Cardiovascular Magnetic Resonance, 2021, 23, 42.	1.6	7
137	Routine cine-CMR for prosthesis-associated mitral regurgitation: a multicenter comparison to echocardiography. Journal of Heart Valve Disease, 2014, 23, 575-82.	0.5	7
138	Detection of Myocardial Ischemia by Stress Perfusion Cardiovascular Magnetic Resonance. Magnetic Resonance Imaging Clinics of North America, 2007, 15, 527-540.	0.6	6
139	Magnetic Resonance Evaluation of Peripheral Arterial Disease. Cardiology Clinics, 2007, 25, 185-212.	0.9	6
140	Rationale and design of a randomized controlled trial of allogeneic mesenchymal stem cells in patients with nonischemic cardiomyopathy. Journal of Cardiovascular Medicine, 2017, 18, 283-290.	0.6	6
141	Suppression of ghost artifacts arising from long T₁ species in segmented inversionâ€recovery imaging. Magnetic Resonance in Medicine, 2017, 78, 1442-1451.	1.9	6
142	Training cardiovascular specialists in imaging: A curriculum based on fundamental concepts required for multimodal imaging. American Heart Journal, 2007, 154, 838-845.	1.2	5
143	Magnetic Resonance Evaluation of Peripheral Arterial Disease. Magnetic Resonance Imaging Clinics of North America, 2007, 15, 653-679.	0.6	5
144	Clinical Cardiovascular Magnetic Resonance Imaging Techniques. , 2010, , 19-36.		5

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145	Comparison of magnetization transferâ€preparation and T2â€preparation for darkâ€blood delayedâ€enhancement imaging. NMR in Biomedicine, 2020, 33, e4396.	1.6	5
146	Segment Length in Cine Strain Analysis Predicts Cardiac Resynchronization Therapy Outcome Beyond Current Guidelines. Circulation: Cardiovascular Imaging, 2021, 14, e012350.	1.3	5
147	Extracellular Space Measurements With CMR ImagingâžâžEditorials published in JACC: Cardiovascular Imaging reflect the views of the authors and do not necessarily represent the views of JACC: Cardiovascular Imaging or the American College of Cardiology.. JACC: Cardiovascular Imaging, 2012, 5, 908-910.	2.3	4
148	Highly effective fat suppression in clinical T1-weighted imaging of ischemic and non-ischemic heart disease with DeSPAIR. Journal of Cardiovascular Magnetic Resonance, 2012, 14, .	1.6	4
149	Lateral MI Explains the Presence of Prominent R Wave (R â‰¥ S) in V₁. , 2015, 20, 570-577.		4
150	ECG-gated MR angiography provides better reproducibility for standard aortic measurements. European Radiology, 2021, 31, 5087-5095.	2.3	4
151	Instantaneous wave-free ratio guided multivessel revascularisation during percutaneous coronary intervention for acute myocardial infarction: study protocol of the randomised controlled iMODERN trial. BMJ Open, 2021, 11, e044035.	0.8	4
152	Cardiovascular magnetic resonance accurately detects obstructive coronary artery disease in suspected non-ST elevation myocardial infarction: a sub-analysis of the CARMENTA Trial. Journal of Cardiovascular Magnetic Resonance, 2021, 23, 40.	1.6	4
153	Rapid cine MRI of the human heart using reconstruction by estimation of lines and inhibition of fold-in. Magnetic Resonance in Medicine, 2002, 47, 844-849.	1.9	3
154	Epicardial Surface Area of Infarction. Circulation: Cardiovascular Imaging, 2021, 14, e010918.	1.3	3
155	Assessment of myocardial lipomatous metaplasia using an optimized outâ€ofâ€phase cine steadyâ€state freeâ€precession sequence: Validation and clinical implementation. NMR in Biomedicine, 2022, 35, .	1.6	3
156	Unexpected Cardiac MRI Findings in Patients Presenting to the Emergency Department for Possible Acute Coronary Syndrome. Critical Pathways in Cardiology, 2018, 17, 167-171.	0.2	2
157	Double spectral attenuated inversion recovery (DSPAIR)â€”an efficient fat suppression technique for late gadolinium enhancement at 3â€‰tesla. NMR in Biomedicine, 2021, 34, e4580.	1.6	2
158	Clinical Cardiovascular Magnetic Resonance Imaging Techniques. , 2019, , 161-177.e1.		2
159	Myocardial Contractile Mechanics in Ischemic Mitral Regurgitation. JACC: Cardiovascular Imaging, 2022, , .	2.3	2
160	A Clinical Cardiovascular Magnetic Resonance Service: Operational Considerations and the Basic Examination. Magnetic Resonance Imaging Clinics of North America, 2007, 15, 473-485.	0.6	1
161	1139 Elimination of ghosting artifacts originating from body fluids with long T1 values in segmented ECG-gated IR-prepared sequences. Journal of Cardiovascular Magnetic Resonance, 2008, 10, .	1.6	1
162	Prognostic Value of Myocardial Damage in Patients With Sarcoidosis. Circulation: Cardiovascular Imaging, 2016, 9, e005518.	1.3	1

#	Article	IF	Citations
163	Combining spin echoes with gradient echoes in the context of the global coherent free precession pulse sequence. Magnetic Resonance in Medicine, 2007, 58, 82-91.	1.9	0
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