

# Raymond J Kim

## List of Publications by Year in descending order

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171  
papers

27,592  
citations

18482

62  
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5394

164  
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177  
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177  
docs citations

177  
times ranked

13457  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Use of Contrast-Enhanced Magnetic Resonance Imaging to Identify Reversible Myocardial Dysfunction. <i>New England Journal of Medicine</i> , 2000, 343, 1445-1453.	27.0	2,910
2	Relationship of MRI Delayed Contrast Enhancement to Irreversible Injury, Infarct Age, and Contractile Function. <i>Circulation</i> , 1999, 100, 1992-2002.	1.6	2,310
3	ACCF/AHA/SCAI/SCCM/ASNC/NASCI/SCA/PSA 2006 Appropriateness Criteria for Cardiac Computed Tomography and Cardiac Magnetic Resonance Imaging—Developed 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. <i>J Am Coll Cardiol</i> 2005;46:1606-13. <i>Journal of the American College of Cardiology</i> , 2006, 48, 1475-1497.	2.8	1,326
4	An Improved MR Imaging Technique for the Visualization of Myocardial Infarction. <i>Radiology</i> , 2001, 218, 215-223.	7.3	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. <i>Lancet</i> , 2003, 361, 374-379.	13.7	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. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2013, 15, 35.	3.3	1,037
7	Delayed enhancement cardiovascular magnetic resonance assessment of non-ischaemic cardiomyopathies. <i>European Heart Journal</i> , 2005, 26, 1461-1474.	2.2	766
8	Visualisation of presence, location, and transmural extent of healed Q-wave and non-Q-wave myocardial infarction. <i>Lancet</i> , 2001, 357, 21-28.	13.7	687
9	Detection of Myocardial Damage in Patients With Sarcoidosis. <i>Circulation</i> , 2009, 120, 1969-1977.	1.6	610
10	Standardized cardiovascular magnetic resonance (CMR) protocols 2013 update. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2013, 15, 91.	3.3	599
11	Myocardial scarring in asymptomatic or mildly symptomatic patients with hypertrophic cardiomyopathy. <i>Journal of the American College of Cardiology</i> , 2002, 40, 2156-2164.	2.8	587
12	Transmural Extent of Acute Myocardial Infarction Predicts Long-Term Improvement in Contractile Function. <i>Circulation</i> , 2001, 104, 1101-1107.	1.6	582
13	Standardized cardiovascular magnetic resonance imaging (CMR) protocols: 2020 update. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2020, 22, 17.	3.3	550
14	Myocardial Gd-DTPA Kinetics Determine MRI Contrast Enhancement and Reflect the Extent and Severity of Myocardial Injury After Acute Reperfused Infarction. <i>Circulation</i> , 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. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2008, 10, 35.	3.3	528
16	Contrast-enhanced magnetic resonance imaging of myocardium at risk. <i>Journal of the American College of Cardiology</i> , 2000, 36, 1985-1991.	2.8	513
17	Standardized image interpretation and post-processing in cardiovascular magnetic resonance - 2020 update. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2020, 22, 19.	3.3	467
18	Visualization of Discrete Microinfarction After Percutaneous Coronary Intervention Associated With Mild Creatine Kinase-MB Elevation. <i>Circulation</i> , 2001, 103, 2780-2783.	1.6	455

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19	Infarct morphology identifies patients with substrate for sustained ventricular tachycardia. <i>Journal of the American College of Cardiology</i> , 2005, 45, 1104-1108.	2.8	433
20	Theory of High-Speed MR Imaging of the Human Heart with the Selective Line Acquisition Mode. <i>Radiology</i> , 2001, 220, 540-547.	7.3	423
21	Improved Detection of Coronary Artery Disease by Stress Perfusion Cardiovascular Magnetic Resonance With the Use of Delayed Enhancement Infarction Imaging. <i>Journal of the American College of Cardiology</i> , 2006, 47, 1630-1638.	2.8	379
22	Reproducibility of Chronic Infarct Size Measurement by Contrast-Enhanced Magnetic Resonance Imaging. <i>Circulation</i> , 2002, 106, 2322-2327.	1.6	368
23	Myocardial Magnetic Resonance Imaging Contrast Agent Concentrations After Reversible and Irreversible Ischemic Injury. <i>Circulation</i> , 2002, 105, 224-229.	1.6	366
24	Gadolinium Cardiovascular Magnetic Resonance Predicts Reversible Myocardial Dysfunction and Remodeling in Patients With Heart Failure Undergoing $\beta$ -Blocker Therapy. <i>Circulation</i> , 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. <i>Journal of the American College of Cardiology</i> , 1998, 32, 1756-1764.	2.8	300
26	How We Perform Delayed Enhancement Imaging. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2003, 5, 505-514.	3.3	295
27	Cardiovascular Magnetic Resonance in Patients With Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 2009, 55, 1-16.	2.8	294
28	Assessment of Myocardial Scarring Improves Risk Stratification in Patients Evaluated for Cardiac Defibrillator Implantation. <i>Journal of the American College of Cardiology</i> , 2012, 60, 408-420.	2.8	277
29	Detection of Left Ventricular Thrombus by Delayed-Enhancement Cardiovascular Magnetic Resonance. <i>Journal of the American College of Cardiology</i> , 2008, 52, 148-157.	2.8	271
30	Performance of Delayed-Enhancement Magnetic Resonance Imaging With Gadoversetamide Contrast for the Detection and Assessment of Myocardial Infarction. <i>Circulation</i> , 2008, 117, 629-637.	1.6	264
31	Patients With Acute Myocarditis Following mRNA COVID-19 Vaccination. <i>JAMA Cardiology</i> , 2021, 6, 1196.	6.1	254
32	Cardiac MRI Endpoints in Myocardial Infarction Experimental and Clinical Trials. <i>Journal of the American College of Cardiology</i> , 2019, 74, 238-256.	2.8	235
33	Frontiers in Cardiovascular Magnetic Resonance. <i>Circulation</i> , 2005, 112, 135-144.	1.6	206
34	Intravenous Erythropoietin in Patients With ST-Segment Elevation Myocardial Infarction. <i>JAMA - Journal of the American Medical Association</i> , 2011, 305, 1863.	7.4	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 Late Gadolinium Enhancement. <i>JACC: Cardiovascular Imaging</i> , 2018, 11, 1419-1429.	5.3	192
36	Contrast-Enhanced Anatomic Imaging as Compared to Contrast-Enhanced Tissue Characterization for Detection of Left Ventricular Thrombus. <i>JACC: Cardiovascular Imaging</i> , 2009, 2, 969-979.	5.3	181

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37	Early Assessment of Myocardial Salvage by Contrast-Enhanced Magnetic Resonance Imaging. <i>Circulation</i> , 2000, 102, 1678-1683.	1.6	169
38	Myocardial Fibrosis in Patients With Primary Mitral Regurgitation With and Without Prolapse. <i>Journal of the American College of Cardiology</i> , 2018, 72, 823-834.	2.8	169
39	LV Thrombus Detection by Routine Echocardiography. <i>JACC: Cardiovascular Imaging</i> , 2011, 4, 702-712.	5.3	166
40	Intravenous Allogeneic Mesenchymal Stem Cells for Nonischemic Cardiomyopathy. <i>Circulation Research</i> , 2017, 120, 332-340.	4.5	144
41	Infarct resorption, compensatory hypertrophy, and differing patterns of ventricular remodeling following myocardial infarctions of varying size. <i>Journal of the American College of Cardiology</i> , 2004, 43, 2124-2131.	2.8	143
42	Limits of Detection of Regional Differences in Vasodilated Flow in Viable Myocardium by First-Pass Magnetic Resonance Perfusion Imaging. <i>Circulation</i> , 2001, 104, 2412-2416.	1.6	141
43	Echocardiographic Algorithm for Post-Myocardial Infarction LV Thrombus. <i>JACC: Cardiovascular Imaging</i> , 2016, 9, 505-515.	5.3	141
44	Effects of Time, Dose, and Inversion Time for Acute Myocardial Infarct Size Measurements Based on Magnetic Resonance Imaging-Delayed Contrast Enhancement. <i>Journal of the American College of Cardiology</i> , 2006, 47, 2027-2033.	2.8	128
45	Relationship of Elevated <sup>23</sup> Na Magnetic Resonance Image Intensity to Infarct Size After Acute Reperfused Myocardial Infarction. <i>Circulation</i> , 1999, 100, 185-192.	1.6	124
46	Relationship of contractile function to transmural extent of infarction in patients with chronic coronary artery disease. <i>Journal of the American College of Cardiology</i> , 2003, 42, 505-512.	2.8	119
47	Prognostic Value of Routine Cardiac Magnetic Resonance Assessment of Left Ventricular Ejection Fraction and Myocardial Damage. <i>Circulation: Cardiovascular Imaging</i> , 2011, 4, 610-619.	2.6	119
48	CMR Imaging With Rapid Visual T1 Assessment Predicts Mortality in Patients Suspected of Cardiac Amyloidosis. <i>JACC: Cardiovascular Imaging</i> , 2014, 7, 143-156.	5.3	116
49	Unrecognized Non-Q-Wave Myocardial Infarction: Prevalence and Prognostic Significance in Patients with Suspected Coronary Disease. <i>PLoS Medicine</i> , 2009, 6, e1000057.	8.4	110
50	Fast <sup>23</sup> Na Magnetic Resonance Imaging of Acute Reperfused Myocardial Infarction. <i>Circulation</i> , 1997, 95, 1877-1885.	1.6	109
51	Prevalence of Regional Myocardial Thinning and Relationship With Myocardial Scarring in Patients With Coronary Artery Disease. <i>JAMA - Journal of the American Medical Association</i> , 2013, 309, 909.	7.4	104
52	Rapid Detection of Myocardial Infarction by Subsecond, Free-Breathing Delayed Contrast-Enhancement Cardiovascular Magnetic Resonance. <i>Circulation</i> , 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. <i>Radiology</i> , 2012, 265, 12-22.	7.3	91
54	Prognostic Value of Vasodilator Stress Cardiac Magnetic Resonance Imaging. <i>JAMA Cardiology</i> , 2019, 4, 256.	6.1	88

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55	Relationship of T2-Weighted MRI Myocardial Hyperintensity and the Ischemic Area-At-Risk. <i>Circulation Research</i> , 2015, 117, 254-265.	4.5	85
56	Late Gadolinium Enhancement Magnetic Resonance Imaging in the Diagnosis and Prognosis of Endomyocardial Fibrosis Patients. <i>Circulation: Cardiovascular Imaging</i> , 2011, 4, 304-311.	2.6	80
57	Magnetic resonance imaging for the assessment of myocardial viability. <i>Journal of Magnetic Resonance Imaging</i> , 2004, 19, 771-788.	3.4	79
58	T2-weighted CMR of the area at riskâ€”a risky business?. <i>Nature Reviews Cardiology</i> , 2010, 7, 547-549.	13.7	78
59	Machine learning derived segmentation of phase velocity encoded cardiovascular magnetic resonance for fully automated aortic flow quantification. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2019, 21, 1.	3.3	73
60	T2-Weighted Imaging to Assess Post-Infarct Myocardium at Risk. <i>JACC: Cardiovascular Imaging</i> , 2011, 4, 1014-1021.	5.3	70
61	Assessment of no-reflow regions using cardiac MRI. <i>Basic Research in Cardiology</i> , 2006, 101, 383-390.	5.9	67
62	The Prevalence, Correlates, and Impact on Cardiac Mortality of Right Ventricular Dysfunction in Nonischemic Cardiomyopathy. <i>JACC: Cardiovascular Imaging</i> , 2017, 10, 1225-1236.	5.3	67
63	Relationship of LVEF and Myocardial Scar to Long-Term Mortality Risk and Mode of Death in Patients With Nonischemic Cardiomyopathy. <i>Circulation</i> , 2021, 143, 1343-1358.	1.6	64
64	Optimizing Cardiac MR Imaging: Practical Remedies for Artifacts. <i>Radiographics</i> , 2008, 28, 1161-1187.	3.3	63
65	Evaluation of Myocardial Viability by MRI. <i>Herz</i> , 2000, 25, 417-430.	1.1	59
66	Association of left atrial volume index and all-cause mortality in patients referred for routine cardiovascular magnetic resonance: a multicenter study. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2019, 21, 4.	3.3	59
67	Initial Imaging-Guided Strategy Versus Routine Care in Patients With Non-ST-Segment Elevation Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 2019, 74, 2466-2477.	2.8	58
68	Value of Cardiovascular Magnetic Resonance Stress Perfusion Testing for the Detection of Coronary Artery Disease in Women. <i>JACC: Cardiovascular Imaging</i> , 2008, 1, 436-445.	5.3	54
69	Detection and characteristics of microvascular obstruction in reperfused acute myocardial infarction using an optimized protocol for contrast-enhanced cardiovascular magnetic resonance imaging. <i>European Radiology</i> , 2009, 19, 2904-2912.	4.5	52
70	Microvascular Integrity and the Time Course of Myocardial Sodium Accumulation After Acute Infarction. <i>Circulation Research</i> , 2000, 87, 648-655.	4.5	51
71	Viability Assessment by Delayed Enhancement Cardiovascular Magnetic Resonance. <i>Circulation</i> , 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. <i>Circulation: Cardiovascular Imaging</i> , 2008, 1, 31-40.	2.6	51

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73	â€œTargeting the Heartâ€•in Heart Failure. JACC: Heart Failure, 2015, 3, 661-669.	4.1	50
74	Dark-Blood Delayed Enhancement Cardiacâ€•Magnetic Resonance of Myocardialâ€•Infarction. JACC: Cardiovascular Imaging, 2018, 11, 1758-1769.	5.3	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.	1.7	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.	1.7	46
78	Identifying the Etiology: A Systematic Approach Using Delayed-Enhancement Cardiovascular Magnetic Resonance. Heart Failure Clinics, 2009, 5, 349-367.	2.1	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.	5.3	44
81	Long-Term Prognostic Implications ofâ€•Previous Silent Myocardial Infarction inâ€•Patients Presenting With Acuteâ€•Myocardial Infarction. JACC: Cardiovascular Imaging, 2018, 11, 1773-1781.	5.3	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.	3.3	40
83	Size Matters. Circulation: Arrhythmia and Electrophysiology, 2018, 11, e006767.	4.8	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.	2.0	38
85	Acute Myocardial Infarction: Safety of Cardiac MR Imaging after Percutaneous Revascularization with Stents. Radiology, 2006, 240, 674-680.	7.3	37
86	Pexelizumab and Infarct Size in Patients With Acute Myocardial Infarction Undergoing Primary Percutaneous Coronary Intervention. JACC: Cardiovascular Imaging, 2010, 3, 52-60.	5.3	37
87	MR imaging of myocardial perfusion and viability. Magnetic Resonance Imaging Clinics of North America, 2003, 11, 49-66.	1.1	36
88	Physiological Basis for Potassium ( <sup>39</sup> K) Magnetic Resonance Imaging of the Heart. Circulation Research, 1999, 84, 913-920.	4.5	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.	1.7	32
90	Identifying the Infarct-Related Artery in Patients With Nonâ€•ST-Segmentâ€•Elevation Myocardial Infarction. Circulation: Cardiovascular Interventions, 2019, 12, e007305.	3.9	32

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91	Guidelines for Training in Cardiovascular Magnetic Resonance (CMR). <i>Journal of Cardiovascular Magnetic Resonance</i> , 2007, 9, 3-4.	3.3	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. <i>American Heart Journal</i> , 2010, 160, 272-278.	2.7	29
93	Motion and flow insensitive adiabatic T <sub>2</sub> preparation module for cardiac MR imaging at 3 tesla. <i>Magnetic Resonance in Medicine</i> , 2013, 70, 1360-1368.	3.0	29
94	Cardiac MRI to Visualize Myocardial Damage after ST-Segment Elevation Myocardial Infarction: A Review of Its Histologic Validation. <i>Radiology</i> , 2021, 301, 4-18.	7.3	29
95	Technology Insight: assessment of myocardial viability by delayed-enhancement magnetic resonance imaging. <i>Nature Clinical Practice Cardiovascular Medicine</i> , 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. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 1769-1779.	5.3	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. <i>Radiology</i> , 2014, 271, 56-64.	7.3	27
98	Cardiovascular magnetic resonance imaging in suspected cardiac tumour: a multicentre outcomes study. <i>European Heart Journal</i> , 2021, 43, 71-80.	2.2	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. <i>Molecular Genetics and Metabolism</i> , 2010, 101, 332-337.	1.1	26
100	Technology Insight: MRI of the myocardium. <i>Nature Clinical Practice Cardiovascular Medicine</i> , 2005, 2, 597-605.	3.3	25
101	Performance of CMR Methods for Differentiating Acute From Chronic MI. <i>JACC: Cardiovascular Imaging</i> , 2015, 8, 669-679.	5.3	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. <i>European Heart Journal</i> , 2015, 36, 959-964.	2.2	25
103	Diastolic Dysfunction in Patients With Human Immunodeficiency Virus Receiving Antiretroviral Therapy: Results From the CHART Study. <i>Journal of Cardiac Failure</i> , 2020, 26, 371-380.	1.7	25
104	Prognostic Value of Feature-Tracking Right Ventricular Longitudinal Strain in Severe Functional Tricuspid Regurgitation. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 1561-1568.	5.3	25
105	Noninvasive cineangiography by magnetic resonance global coherent free precession. <i>Nature Medicine</i> , 2004, 10, 545-549.	30.7	23
106	Design and rationale of the Reduction of Infarct Expansion and Ventricular Remodeling with Erythropoietin after Large Myocardial Infarction (REVEAL) trial. <i>American Heart Journal</i> , 2010, 160, 795-803.e2.	2.7	23
107	Performance of angiographic, electrocardiographic and MRI methods to assess the area at risk in acute myocardial infarction. <i>Heart</i> , 2012, 98, 109-115.	2.9	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. <i>Radiology</i> , 2018, 286, 452-460.	7.3	23

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109	Definition of Left Ventricular Segments for Cardiac Magnetic Resonance Imaging. <i>JACC: Cardiovascular Imaging</i> , 2018, 11, 926-928.	5.3	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. <i>Diabetes Care</i> , 2019, 42, 1290-1296.	8.6	23
111	Clinical assessment of acute heart failure syndromes: emergency department through the early post-discharge period. <i>Heart</i> , 2011, 97, 1607-1618.	2.9	22
112	Task Force 12: Training in Advanced Cardiovascular Imaging (Cardiovascular Magnetic Resonance) <i>Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50</i>	2.8	21
113	Evaluation of Ischemic Heart Disease. <i>Heart Failure Clinics</i> , 2009, 5, 315-332.	2.1	20
114	EPC mobilization after erythropoietin treatment in acute ST-elevation myocardial infarction: the REVEAL EPC substudy. <i>Journal of Thrombosis and Thrombolysis</i> , 2013, 36, 375-383.	2.1	20
115	Late gadolinium cardiovascular magnetic resonance in the assessment of myocardial viability. <i>Coronary Artery Disease</i> , 2005, 16, 365-372.	0.7	19
116	Clinical Application of Cine-MRI in the Visual Assessment of Mitral Regurgitation Compared to Echocardiography and Cardiac Catheterization. <i>PLoS ONE</i> , 2012, 7, e40491.	2.5	19
117	Respiratory Motion and Cardiac Arrhythmia Effects on Diagnostic Accuracy of Myocardial Delayed-enhanced MR Imaging in Canines. <i>Radiology</i> , 2008, 247, 106-114.	7.3	18
118	Redefining the role of biomarkers in heart failure trials: expert consensus document. <i>Heart Failure Reviews</i> , 2017, 22, 263-277.	3.9	18
119	Noninvasive Assessment of Blood Flow Based on Magnetic Resonance Global Coherent Free Precession. <i>Circulation</i> , 2005, 111, 1033-1039.	1.6	16
120	Magnetic Resonance Water Proton Relaxation in Protein Solutions and Tissue: T1 $\rho$ -Dispersion Characterization. <i>PLoS ONE</i> , 2010, 5, e8565.	2.5	16
121	Comparison of stress cardiovascular magnetic resonance imaging (CMR) with stress nuclear perfusion for the diagnosis of coronary artery disease. <i>Journal of Nuclear Cardiology</i> , 2016, 23, 287-297.	2.1	16
122	<sup>23</sup> Na MRI combined with contrast-enhanced <sup>1</sup> H MRI provides in vivo characterization of infarct healing. <i>Magnetic Resonance in Medicine</i> , 2005, 53, 843-850.	3.0	14
123	Anatomic and clinical correlates of septal morphology in hypertrophic cardiomyopathy. <i>European Heart Journal Cardiovascular Imaging</i> , 2011, 12, 131-139.	1.2	14
124	Late Gadolinium Enhancement Cardiac Magnetic Resonance Tissue Characterization for Cancer-associated Cardiac Masses: Metabolic and Prognostic Manifestations in Relation to Whole-body Positron Emission Tomography. <i>Journal of the American Heart Association</i> , 2019, 8, e011709.	3.7	14
125	Cardiovascular MRI: its current and future use in clinical practice. <i>Expert Review of Cardiovascular Therapy</i> , 2007, 5, 307-321.	1.5	12
126	Detection of Myocardial Ischemia by Stress Perfusion Cardiovascular Magnetic Resonance. <i>Cardiology Clinics</i> , 2007, 25, 57-70.	2.2	12

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127	The Role of Cardiac MR in New-Onset Heart Failure. <i>Current Cardiology Reports</i> , 2011, 13, 185-193.	2.9	12
128	Effects of the chymase inhibitor fulacimstat on adverse cardiac remodeling after acute myocardial infarction—Results of the Chymase Inhibitor in Adverse Remodeling after Myocardial Infarction (CHIARA MIA) 2 trial. <i>American Heart Journal</i> , 2020, 224, 129-137.	2.7	12
129	Left Atrial Structure and Function in Heart Failure with Preserved Ejection Fraction: A RELAX Substudy. <i>PLoS ONE</i> , 2016, 11, e0164914.	2.5	12
130	The role of cardiovascular magnetic resonance imaging and computed tomography angiography in suspected non-ST-elevation myocardial infarction patients: Design and rationale of the CARdiovascular Magnetic rEsonance imaging and computed Tomography Angiography (CARMENTA) trial. <i>American Heart Journal</i> , 2013, 166, 968-975.	2.7	11
131	Cardiac MR for the Assessment of Myocardial Viability. <i>Methodist DeBakey Cardiovascular Journal</i> , 2021, 9, 163.	1.0	11
132	Use of cardiac magnetic resonance to assess viability. <i>Current Cardiology Reports</i> , 2005, 7, 59-64.	2.9	10
133	The Use of Cardiac Magnetic Resonance in Patients with Suspected Coronary Artery Disease: A Clinical Practice Perspective. <i>Journal of Cardiovascular Imaging</i> , 2016, 24, 96.	0.8	8
134	A Clinical Cardiovascular Magnetic Resonance Service: Operational Considerations and the Basic Examination. <i>Cardiology Clinics</i> , 2007, 25, 1-13.	2.2	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. <i>American Heart Journal</i> , 2013, 165, 226-233.	2.7	7
136	Risk stratification of cardiac metastases using late gadolinium enhancement cardiovascular magnetic resonance: prognostic impact of hypo-enhancement evidenced tumor avascularity. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2021, 23, 42.	3.3	7
137	Routine cine-CMR for prosthesis-associated mitral regurgitation: a multicenter comparison to echocardiography. <i>Journal of Heart Valve Disease</i> , 2014, 23, 575-82.	0.5	7
138	Detection of Myocardial Ischemia by Stress Perfusion Cardiovascular Magnetic Resonance. <i>Magnetic Resonance Imaging Clinics of North America</i> , 2007, 15, 527-540.	1.1	6
139	Magnetic Resonance Evaluation of Peripheral Arterial Disease. <i>Cardiology Clinics</i> , 2007, 25, 185-212.	2.2	6
140	Rationale and design of a randomized controlled trial of allogeneic mesenchymal stem cells in patients with nonischemic cardiomyopathy. <i>Journal of Cardiovascular Medicine</i> , 2017, 18, 283-290.	1.5	6
141	Suppression of ghost artifacts arising from long T <sub>1</sub> species in segmented inversion-recovery imaging. <i>Magnetic Resonance in Medicine</i> , 2017, 78, 1442-1451.	3.0	6
142	Training cardiovascular specialists in imaging: A curriculum based on fundamental concepts required for multimodal imaging. <i>American Heart Journal</i> , 2007, 154, 838-845.	2.7	5
143	Magnetic Resonance Evaluation of Peripheral Arterial Disease. <i>Magnetic Resonance Imaging Clinics of North America</i> , 2007, 15, 653-679.	1.1	5
144	Clinical Cardiovascular Magnetic Resonance Imaging Techniques. , 2010, , 19-36.		5

#	ARTICLE	IF	CITATIONS
145	Comparison of magnetization transferâ€preparation and T2â€preparation for darkâ€blood delayedâ€enhancement imaging. NMR in Biomedicine, 2020, 33, e4396.	2.8	5
146	Segment Length in Cine Strain Analysis Predicts Cardiac Resynchronization Therapy Outcome Beyond Current Guidelines. Circulation: Cardiovascular Imaging, 2021, 14, e012350.	2.6	5
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