

Raymond J Kim

List of Publications by Citations

Source: <https://exaly.com/author-pdf/10546080/raymond-j-kim-publications-by-citations.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

164
papers

22,037
citations

59
h-index

148
g-index

177
ext. papers

25,395
ext. citations

9.1
avg, IF

6.42
L-index

#	Paper	IF	Citations
164	The use of contrast-enhanced magnetic resonance imaging to identify reversible myocardial dysfunction. <i>New England Journal of Medicine</i> , 2000 , 343, 1445-53	59.2	2432
163	Relationship of MRI delayed contrast enhancement to irreversible injury, infarct age, and contractile function. <i>Circulation</i> , 1999 , 100, 1992-2002	16.7	1961
162	ACCF/ACR/SCCT/SCMR/ASNC/NASCI/SCAI/SIR 2006 appropriateness criteria for cardiac computed tomography and cardiac magnetic resonance imaging: a report of the American College of Cardiology Foundation Quality Strategic Directions Committee Appropriateness Criteria Working Group, American College of Radiology, Society of Cardiovascular Computed Tomography Society	15.1	1136
161	An improved MR imaging technique for the visualization of myocardial infarction. <i>Radiology</i> , 2001 , 218, 215-23	20.5	1072
160	Contrast-enhanced MRI and routine single photon emission computed tomography (SPECT) perfusion imaging for detection of subendocardial myocardial infarcts: an imaging study. <i>Lancet, The</i> , 2003 , 361, 374-9	40	1019
159	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	6.9	749
158	Delayed enhancement cardiovascular magnetic resonance assessment of non-ischaemic cardiomyopathies. <i>European Heart Journal</i> , 2005 , 26, 1461-74	9.5	644
157	Visualisation of presence, location, and transmural extent of healed Q-wave and non-Q-wave myocardial infarction. <i>Lancet, The</i> , 2001 , 357, 21-8	40	593
156	Myocardial scarring in asymptomatic or mildly symptomatic patients with hypertrophic cardiomyopathy. <i>Journal of the American College of Cardiology</i> , 2002 , 40, 2156-64	15.1	514
155	Standardized cardiovascular magnetic resonance (CMR) protocols 2013 update. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2013 , 15, 91	6.9	494
154	Transmural extent of acute myocardial infarction predicts long-term improvement in contractile function. <i>Circulation</i> , 2001 , 104, 1101-7	16.7	493
153	Detection of myocardial damage in patients with sarcoidosis. <i>Circulation</i> , 2009 , 120, 1969-77	16.7	467
152	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	6.9	447
151	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, 3318-26	16.7	444
150	Contrast-enhanced magnetic resonance imaging of myocardium at risk: distinction between reversible and irreversible injury throughout infarct healing. <i>Journal of the American College of Cardiology</i> , 2000 , 36, 1985-91	15.1	434
149	Theory of high-speed MR imaging of the human heart with the selective line acquisition mode. <i>Radiology</i> , 2001 , 220, 540-7	20.5	408
148	Infarct morphology identifies patients with substrate for sustained ventricular tachycardia. <i>Journal of the American College of Cardiology</i> , 2005 , 45, 1104-8	15.1	371

147	Visualization of discrete microinfarction after percutaneous coronary intervention associated with mild creatine kinase-MB elevation. <i>Circulation</i> , 2001 , 103, 2780-3	16.7	371
146	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, 1630-8	15.1	323
145	Reproducibility of chronic infarct size measurement by contrast-enhanced magnetic resonance imaging. <i>Circulation</i> , 2002 , 106, 2322-7	16.7	323
144	Myocardial magnetic resonance imaging contrast agent concentrations after reversible and irreversible ischemic injury. <i>Circulation</i> , 2002 , 105, 224-9	16.7	313
143	Gadolinium cardiovascular magnetic resonance predicts reversible myocardial dysfunction and remodeling in patients with heart failure undergoing beta-blocker therapy. <i>Circulation</i> , 2003 , 108, 1945-53	16.7	262
142	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, 1756-64	15.1	256
141	Cardiovascular magnetic resonance in patients with myocardial infarction: current and emerging applications. <i>Journal of the American College of Cardiology</i> , 2009 , 55, 1-16	15.1	250
140	How we perform delayed enhancement imaging. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2003 , 5, 505-14	6.9	246
139	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, 408-20	15.1	230
138	Performance of delayed-enhancement magnetic resonance imaging with gadoversetamide contrast for the detection and assessment of myocardial infarction: an international, multicenter, double-blinded, randomized trial. <i>Circulation</i> , 2008 , 117, 629-37	16.7	224
137	Detection of left ventricular thrombus by delayed-enhancement cardiovascular magnetic resonance prevalence and markers in patients with systolic dysfunction. <i>Journal of the American College of Cardiology</i> , 2008 , 52, 148-57	15.1	214
136	Standardized cardiovascular magnetic resonance imaging (CMR) protocols: 2020 update. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2020 , 22, 17	6.9	213
135	Frontiers in cardiovascular magnetic resonance. <i>Circulation</i> , 2005 , 112, 135-44	16.7	178
134	Standardized image interpretation and post-processing in cardiovascular magnetic resonance - 2020 update : Society for Cardiovascular Magnetic Resonance (SCMR): Board of Trustees Task Force on Standardized Post-Processing. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2020 , 22, 19	6.9	173
133	Intravenous erythropoietin in patients with ST-segment elevation myocardial infarction: REVEAL: a randomized controlled trial. <i>JAMA - Journal of the American Medical Association</i> , 2011 , 305, 1863-72	27.4	172
132	Early assessment of myocardial salvage by contrast-enhanced magnetic resonance imaging. <i>Circulation</i> , 2000 , 102, 1678-83	16.7	149
131	Contrast-enhanced anatomic imaging as compared to contrast-enhanced tissue characterization for detection of left ventricular thrombus. <i>JACC: Cardiovascular Imaging</i> , 2009 , 2, 969-79	8.4	139
130	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, 2124-31	15.1	133

129	Limits of detection of regional differences in vasodilated flow in viable myocardium by first-pass magnetic resonance perfusion imaging. <i>Circulation</i> , 2001 , 104, 2412-6	16.7	127
128	LV thrombus detection by routine echocardiography: insights into performance characteristics using delayed enhancement CMR. <i>JACC: Cardiovascular Imaging</i> , 2011 , 4, 702-12	8.4	124
127	Patients With Acute Myocarditis Following mRNA COVID-19 Vaccination. <i>JAMA Cardiology</i> , 2021 , 6, 1196-1201	16.7	115
126	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, 2027-33	15.1	113
125	Relationship of elevated ²³ Na magnetic resonance image intensity to infarct size after acute reperfused myocardial infarction. <i>Circulation</i> , 1999 , 100, 185-92	16.7	110
124	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	8.4	109
123	Intravenous Allogeneic Mesenchymal Stem Cells for Nonischemic Cardiomyopathy: Safety and Efficacy Results of a Phase II-A Randomized Trial. <i>Circulation Research</i> , 2017 , 120, 332-340	15.7	105
122	Cardiac MRI Endpoints in Myocardial Infarction Experimental and Clinical Trials: JACC Scientific Expert Panel. <i>Journal of the American College of Cardiology</i> , 2019 , 74, 238-256	15.1	102
121	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, 505-12	15.1	101
120	Prognostic value of routine cardiac magnetic resonance assessment of left ventricular ejection fraction and myocardial damage: an international, multicenter study. <i>Circulation: Cardiovascular Imaging</i> , 2011 , 4, 610-9	3.9	94
119	Fast ²³ Na magnetic resonance imaging of acute reperfused myocardial infarction. Potential to assess myocardial viability. <i>Circulation</i> , 1997 , 95, 1877-85	16.7	92
118	CMR imaging with rapid visual T1 assessment predicts mortality in patients suspected of cardiac amyloidosis. <i>JACC: Cardiovascular Imaging</i> , 2014 , 7, 143-56	8.4	90
117	Unrecognized non-Q-wave myocardial infarction: prevalence and prognostic significance in patients with suspected coronary disease. <i>PLoS Medicine</i> , 2009 , 6, e1000057	11.6	90
116	Rapid detection of myocardial infarction by subsecond, free-breathing delayed contrast-enhancement cardiovascular magnetic resonance. <i>Circulation</i> , 2007 , 115, 236-44	16.7	89
115	Echocardiographic Algorithm for Post-Myocardial Infarction LV Thrombus: A Gatekeeper for Thrombus Evaluation by Delayed Enhancement CMR. <i>JACC: Cardiovascular Imaging</i> , 2016 , 9, 505-15	8.4	87
114	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, 909-18	27.4	79
113	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	20.5	78
112	Left ventricular systolic dysfunction predicts incremental utility of delayed enhancement CMR vs. echocardiography for diagnosis of LV thrombus. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009 , 11,	6.9	78

111	The involvement of the aorta by cardiac magnetic resonance in the inflammatory process of acute coronary syndrome. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009 , 11,	6.9	78
110	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	15.1	77
109	Molecular imaging: T2-weighted CMR of the area at risk--a risky business?. <i>Nature Reviews Cardiology</i> , 2010 , 7, 547-9	14.8	68
108	Relationship of T2-Weighted MRI Myocardial Hyperintensity and the Ischemic Area-At-Risk. <i>Circulation Research</i> , 2015 , 117, 254-65	15.7	64
107	Magnetic resonance imaging for the assessment of myocardial viability. <i>Journal of Magnetic Resonance Imaging</i> , 2004 , 19, 771-88	5.6	61
106	Late gadolinium enhancement magnetic resonance imaging in the diagnosis and prognosis of endomyocardial fibrosis patients. <i>Circulation: Cardiovascular Imaging</i> , 2011 , 4, 304-11	3.9	56
105	T2-weighted imaging to assess post-infarct myocardium at risk. <i>JACC: Cardiovascular Imaging</i> , 2011 , 4, 1014-21	8.4	53
104	Evaluation of myocardial viability by MRI. <i>Herz</i> , 2000 , 25, 417-30	2.6	52
103	Assessment of no-reflow regions using cardiac MRI. <i>Basic Research in Cardiology</i> , 2006 , 101, 383-90	11.8	51
102	Prognostic Value of Vasodilator Stress Cardiac Magnetic Resonance Imaging: A Multicenter Study With 48 000 Patient-Years of Follow-up. <i>JAMA Cardiology</i> , 2019 , 4, 256-264	16.2	48
101	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, 2904-12	8	48
100	Viability assessment by delayed enhancement cardiovascular magnetic resonance: will low-dose dobutamine dull the shine?. <i>Circulation</i> , 2004 , 109, 2476-9	16.7	48
99	Value of cardiovascular magnetic resonance stress perfusion testing for the detection of coronary artery disease in women. <i>JACC: Cardiovascular Imaging</i> , 2008 , 1, 436-45	8.4	46
98	Optimizing cardiac MR imaging: practical remedies for artifacts. <i>Radiographics</i> , 2008 , 28, 1161-87	5.4	46
97	Microvascular integrity and the time course of myocardial sodium accumulation after acute infarction. <i>Circulation Research</i> , 2000 , 87, 648-55	15.7	43
96	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	6.9	42
95	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	3.9	41
94	Myonecrosis following stent placement: association between impaired TIMI myocardial perfusion grade and MRI visualization of microinfarction. <i>Catheterization and Cardiovascular Interventions</i> , 2004 , 61, 472-6	2.7	41

93	Imaging time after Gd-DTPA injection is critical in using delayed enhancement to determine infarct size accurately with magnetic resonance imaging. <i>Circulation</i> , 2002 , 106, e6; author reply e6	16.7	41
92	The Prevalence, Correlates, and Impact of Cardiac Mortality of Right Ventricular Dysfunction in Nonischemic Cardiomyopathy. <i>JACC: Cardiovascular Imaging</i> , 2017 , 10, 1225-1236	8.4	38
91	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. <i>Circulation</i> , 2017 , 135, 2313-2315	16.7	38
90	Identifying the etiology: a systematic approach using delayed-enhancement cardiovascular magnetic resonance. <i>Heart Failure Clinics</i> , 2009 , 5, 349-67, vi	3.3	34
89	Safety and Tolerability of Neladenoson Bialanate, a Novel Oral Partial Adenosine A1 Receptor Agonist, in Patients With Chronic Heart Failure. <i>Journal of Clinical Pharmacology</i> , 2017 , 57, 440-451	2.9	33
88	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	6.9	32
87	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	15.1	30
86	Pexelizumab and infarct size in patients with acute myocardial infarction undergoing primary percutaneous coronary Intervention: a delayed enhancement cardiac magnetic resonance substudy from the APEX-AMI trial. <i>JACC: Cardiovascular Imaging</i> , 2010 , 3, 52-60	8.4	30
85	Physiological basis for potassium (39K) magnetic resonance imaging of the heart. <i>Circulation Research</i> , 1999 , 84, 913-20	15.7	30
84	"Targeting the Heart" in Heart Failure: Myocardial Recovery in Heart Failure With Reduced Ejection Fraction. <i>JACC: Heart Failure</i> , 2015 , 3, 661-9	7.9	28
83	Dark-Blood Delayed Enhancement Cardiac Magnetic Resonance of Myocardial Infarction. <i>JACC: Cardiovascular Imaging</i> , 2018 , 11, 1758-1769	8.4	28
82	MR imaging of myocardial perfusion and viability. <i>Magnetic Resonance Imaging Clinics of North America</i> , 2003 , 11, 49-66	1.6	28
81	Sources of variability in quantification of cardiovascular magnetic resonance infarct size - reproducibility among three core laboratories. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2017 , 19, 62	6.9	26
80	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, 272-8	4.9	26
79	Acute myocardial infarction: safety of cardiac MR imaging after percutaneous revascularization with stents. <i>Radiology</i> , 2006 , 240, 674-80	20.5	26
78	Guidelines for training in Cardiovascular Magnetic Resonance (CMR). <i>Journal of Cardiovascular Magnetic Resonance</i> , 2007 , 9, 3-4	6.9	26
77	Technology insight: assessment of myocardial viability by delayed-enhancement magnetic resonance imaging. <i>Nature Clinical Practice Cardiovascular Medicine</i> , 2005 , 2, 150-8		25
76	Feature-Tracking Global Longitudinal Strain Predicts Mortality in Patients With Preserved Ejection Fraction: A Multicenter Study. <i>JACC: Cardiovascular Imaging</i> , 2020 , 13, 940-947	8.4	25

75	Motion and flow insensitive adiabatic T2 -preparation module for cardiac MR imaging at 3 Tesla. <i>Magnetic Resonance in Medicine</i> , 2013 , 70, 1360-8	4.4	24
74	Technology insight: MRI of the myocardium. <i>Nature Clinical Practice Cardiovascular Medicine</i> , 2005 , 2, 597-605; quiz 606		24
73	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	20.5	23
72	Diastolic Dysfunction in Individuals With Human Immunodeficiency Virus Infection: Literature Review, Rationale and Design of the Characterizing Heart Function on Antiretroviral Therapy (CHART) Study. <i>Journal of Cardiac Failure</i> , 2018 , 24, 255-265	3.3	22
71	Long-Term Prognostic Implications of Previous Silent Myocardial Infarction in Patients Presenting With Acute Myocardial Infarction. <i>JACC: Cardiovascular Imaging</i> , 2018 , 11, 1773-1781	8.4	22
70	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, 332-7	3.7	22
69	Noninvasive cineangiography by magnetic resonance global coherent free precession. <i>Nature Medicine</i> , 2004 , 10, 545-9	50.5	22
68	Effects of Elamipretide on Left Ventricular Function in Patients With Heart Failure With Reduced Ejection Fraction: The PROGRESS-HF Phase 2 Trial. <i>Journal of Cardiac Failure</i> , 2020 , 26, 429-437	3.3	19
67	EPC mobilization after erythropoietin treatment in acute ST-elevation myocardial infarction: the REVEAL EPC substudy. <i>Journal of Thrombosis and Thrombolysis</i> , 2013 , 36, 375-83	5.1	19
66	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	4.9	19
65	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, 959-64	9.5	18
64	Clinical assessment of acute heart failure syndromes: emergency department through the early post-discharge period. <i>Heart</i> , 2011 , 97, 1607-18	5.1	18
63	Task Force 12: training in advanced cardiovascular imaging (cardiovascular magnetic resonance [CMR]): endorsed by the Society for Cardiovascular Magnetic Resonance. <i>Journal of the American College of Cardiology</i> , 2006 , 47, 910-4	15.1	18
62	Size Matters: Normalization of QRS Duration to Left Ventricular Dimension Improves Prediction of Long-Term Cardiac Resynchronization Therapy Outcome. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2018 , 11, e006767	6.4	18
61	Performance of angiographic, electrocardiographic and MRI methods to assess the area at risk in acute myocardial infarction. <i>Heart</i> , 2012 , 98, 109-15	5.1	17
60	Evaluation of ischemic heart disease. <i>Heart Failure Clinics</i> , 2009 , 5, 315-32, v	3.3	17
59	Performance of CMR Methods for Differentiating Acute From Chronic MI. <i>JACC: Cardiovascular Imaging</i> , 2015 , 8, 669-79	8.4	16
58	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	20.5	15

57	Respiratory motion and cardiac arrhythmia effects on diagnostic accuracy of myocardial delayed-enhanced MR imaging in canines. <i>Radiology</i> , 2008 , 247, 106-14	20.5	15
56	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	3.7	15
55	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	14.6	14
54	Redefining the role of biomarkers in heart failure trials: expert consensus document. <i>Heart Failure Reviews</i> , 2017 , 22, 263-277	5	13
53	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, 287-97	2.1	12
52	Magnetic resonance water proton relaxation in protein solutions and tissue: T(1rho) dispersion characterization. <i>PLoS ONE</i> , 2010 , 5, e8565	3.7	12
51	Anatomic and clinical correlates of septal morphology in hypertrophic cardiomyopathy. <i>European Heart Journal Cardiovascular Imaging</i> , 2011 , 12, 131-9	4.1	12
50	Cardiovascular MRI: its current and future use in clinical practice. <i>Expert Review of Cardiovascular Therapy</i> , 2007 , 5, 307-21	2.5	12
49	Late gadolinium cardiovascular magnetic resonance in the assessment of myocardial viability. <i>Coronary Artery Disease</i> , 2005 , 16, 365-72	1.4	12
48	Noninvasive assessment of blood flow based on magnetic resonance global coherent free precession. <i>Circulation</i> , 2005 , 111, 1033-9	16.7	12
47	Definition of Left Ventricular Segments for Cardiac Magnetic Resonance Imaging. <i>JACC: Cardiovascular Imaging</i> , 2018 , 11, 926-928	8.4	12
46	²³ Na MRI combined with contrast-enhanced ¹ H MRI provides in vivo characterization of infarct healing. <i>Magnetic Resonance in Medicine</i> , 2005 , 53, 843-50	4.4	11
45	Left Atrial Structure and Function in Heart Failure with Preserved Ejection Fraction: A RELAX Substudy. <i>PLoS ONE</i> , 2016 , 11, e0164914	3.7	11
44	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	6	10
43	Identifying the Infarct-Related Artery in Patients With Non-ST-Segment-Elevation Myocardial Infarction. <i>Circulation: Cardiovascular Interventions</i> , 2019 , 12, e007305	6	10
42	Cardiac MR for the assessment of myocardial viability. <i>Methodist DeBakey Cardiovascular Journal</i> , 2013 , 9, 163-8	2.1	10
41	The role of cardiac MR in new-onset heart failure. <i>Current Cardiology Reports</i> , 2011 , 13, 185-93	4.2	10
40	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	3.3	10

39	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, 968-75	4.9	9
38	Detection of myocardial ischemia by stress perfusion cardiovascular magnetic resonance. <i>Cardiology Clinics</i> , 2007 , 25, 57-70, vi	2.5	9
37	Prognostic Implications of Mitral Annular Plane Systolic Excursion in Patients with Hypertension and a Clinical Indication for Cardiac Magnetic Resonance Imaging: A Multicenter Study. <i>JACC: Cardiovascular Imaging</i> , 2019 , 12, 1769-1779	8.4	9
36	Use of cardiac magnetic resonance to assess viability. <i>Current Cardiology Reports</i> , 2005 , 7, 59-64	4.2	8
35	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	16.7	8
34	Prognostic Value of Feature-Tracking Right Ventricular Longitudinal Strain in Severe Functional Tricuspid Regurgitation: A Multicenter Study. <i>JACC: Cardiovascular Imaging</i> , 2021 , 14, 1561-1568	8.4	8
33	Cardiovascular magnetic resonance imaging in suspected cardiac tumour: a multicentre outcomes study. <i>European Heart Journal</i> , 2021 ,	9.5	8
32	Routine cine-CMR for prosthesis-associated mitral regurgitation: a multicenter comparison to echocardiography. <i>Journal of Heart Valve Disease</i> , 2014 , 23, 575-82		7
31	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, 226-33	4.9	6
30	Detection of myocardial ischemia by stress perfusion cardiovascular magnetic resonance. <i>Magnetic Resonance Imaging Clinics of North America</i> , 2007 , 15, 527-40, vi	1.6	5
29	Training cardiovascular specialists in imaging: a curriculum based on fundamental concepts required for multimodal imaging. <i>American Heart Journal</i> , 2007 , 154, 838-45	4.9	5
28	Magnetic resonance evaluation of peripheral arterial disease. <i>Magnetic Resonance Imaging Clinics of North America</i> , 2007 , 15, 653-79, vii	1.6	5
27	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, 96-103	0	5
26	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	1.9	4
25	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	4.9	4
24	Suppression of ghost artifacts arising from long T species in segmented inversion-recovery imaging. <i>Magnetic Resonance in Medicine</i> , 2017 , 78, 1442-1451	4.4	4
23	Magnetic resonance evaluation of peripheral arterial disease. <i>Cardiology Clinics</i> , 2007 , 25, 185-212, vii	2.5	4
22	A clinical cardiovascular magnetic resonance service: operational considerations and the basic examination. <i>Cardiology Clinics</i> , 2007 , 25, 1-13, v	2.5	4

21	Lateral MI Explains the Presence of Prominent R Wave (R _S) in V1. <i>Annals of Noninvasive Electrocardiology</i> , 2015 , 20, 570-7	1.5	3
20	Highly effective fat suppression in clinical T1-weighted imaging of ischemic and non-ischemic heart disease with DeSPAIR. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2012 , 14,	6.9	3
19	Clinical Cardiovascular Magnetic Resonance Imaging Techniques 2010 , 19-36		3
18	Comparison of magnetization transfer-preparation and T2-preparation for dark-blood delayed-enhancement imaging. <i>NMR in Biomedicine</i> , 2020 , 33, e4396	4.4	2
17	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	6.9	2
16	A clinical cardiovascular magnetic resonance service: operational considerations and the basic examination. <i>Magnetic Resonance Imaging Clinics of North America</i> , 2007 , 15, 473-85, v	1.6	1
15	Rapid cine MRI of the human heart using reconstruction by estimation of lines and inhibition of fold-in. <i>Magnetic Resonance in Medicine</i> , 2002 , 47, 844-9	4.4	1
14	Instantaneous wave-free ratio guided multivessel revascularisation during percutaneous coronary intervention for acute myocardial infarction: study protocol of the randomised controlled iMODERN trial. <i>BMJ Open</i> , 2021 , 11, e044035	3	1
13	Unexpected Cardiac MRI Findings in Patients Presenting to the Emergency Department for Possible Acute Coronary Syndrome. <i>Critical Pathways in Cardiology</i> , 2018 , 17, 167-171	1.3	1
12	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	20.5	1
11	Cardiovascular magnetic resonance accurately detects obstructive coronary artery disease in suspected non-ST elevation myocardial infarction: a sub-analysis of the CARMENTA Trial. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2021 , 23, 40	6.9	0
10	Segment Length in Cine Strain Analysis Predicts Cardiac Resynchronization Therapy Outcome Beyond Current Guidelines. <i>Circulation: Cardiovascular Imaging</i> , 2021 , 14, e012350	3.9	0
9	Double spectral attenuated inversion recovery (DSPAIR)-an efficient fat suppression technique for late gadolinium enhancement at 3 tesla. <i>NMR in Biomedicine</i> , 2021 , 34, e4580	4.4	0
8	ECG-gated MR angiography provides better reproducibility for standard aortic measurements. <i>European Radiology</i> , 2021 , 31, 5087-5095	8	0
7	Epicardial Surface Area of Infarction: A Stable Surrogate of Microvascular Obstruction in Acute Myocardial Infarction. <i>Circulation: Cardiovascular Imaging</i> , 2021 , 14, e010918	3.9	0
6	Evaluating the Patient with LV Dysfunction for Potential Revascularization111-135		
5	Combining spin echoes with gradient echoes in the context of the global coherent free precession pulse sequence. <i>Magnetic Resonance in Medicine</i> , 2007 , 58, 82-91	4.4	
4	Magnetic Resonance Imaging of the Myocardium 2007 , 871-896		

3 Clinical Cardiovascular Magnetic Resonance Imaging Techniques **2019**, 161-177.e1

2 Delayed-Enhancement Magnetic Resonance **2010**, 240-261

1 Response to Comment on Elliott et al. 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. *Diabetes Care*, **2019**, 42, e156 14.6