

# Raymond Y Kwong

## List of Publications by Citations

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282  
papers

12,815  
citations

56  
h-index

107  
g-index

353  
ext. papers

16,450  
ext. citations

7.5  
avg, IF

6.08  
L-index

#	Paper	IF	Citations
282	Initial Invasive or Conservative Strategy for Stable Coronary Disease. <i>New England Journal of Medicine</i> , <b>2020</b> , 382, 1395-1407	59.2	642
281	Characterization of the peri-infarct zone by contrast-enhanced cardiac magnetic resonance imaging is a powerful predictor of post-myocardial infarction mortality. <i>Circulation</i> , <b>2006</b> , 114, 32-9	16.7	592
280	Impact of unrecognized myocardial scar detected by cardiac magnetic resonance imaging on event-free survival in patients presenting with signs or symptoms of coronary artery disease. <i>Circulation</i> , <b>2006</b> , 113, 2733-43	16.7	554
279	Myocardial fibrosis as an early manifestation of hypertrophic cardiomyopathy. <i>New England Journal of Medicine</i> , <b>2010</b> , 363, 552-63	59.2	452
278	Cardiac positron emission tomography enhances prognostic assessments of patients with suspected cardiac sarcoidosis. <i>Journal of the American College of Cardiology</i> , <b>2014</b> , 63, 329-36	15.1	405
277	Interrelation of coronary calcification, myocardial ischemia, and outcomes in patients with intermediate likelihood of coronary artery disease: a combined positron emission tomography/computed tomography study. <i>Circulation</i> , <b>2008</b> , 117, 1693-700	16.7	284
276	Two-dimensional assessment of right ventricular function: an echocardiographic-MRI correlative study. <i>Echocardiography</i> , <b>2007</b> , 24, 452-6	1.5	279
275	Percutaneous mitral annuloplasty for functional mitral regurgitation: results of the CARILLON Mitral Annuloplasty Device European Union Study. <i>Circulation</i> , <b>2009</b> , 120, 326-33	16.7	276
274	Detecting acute coronary syndrome in the emergency department with cardiac magnetic resonance imaging. <i>Circulation</i> , <b>2003</b> , 107, 531-7	16.7	274
273	2012 ACCF/AHA/ACP/AATS/PCNA/SCAI/STS guideline for the diagnosis and management of patients with stable ischemic heart disease: executive summary: a report of the American College of Cardiology Foundation/American Heart Association task force on practice guidelines, and the American College of Physicians, American Association for Thoracic Surgery, Preventive	16.7	268
272	Prognosis of negative adenosine stress magnetic resonance in patients presenting to antions, and emergency department with chest pain. <i>Journal of the American College of Cardiology</i> , <b>2006</b> , 47, 1427-32 <sup>15.1</sup>	15.1	243
271	Incidence and prognostic implication of unrecognized myocardial scar characterized by cardiac magnetic resonance in diabetic patients without clinical evidence of myocardial infarction. <i>Circulation</i> , <b>2008</b> , 118, 1011-20	16.7	229
270	Visceral adiposity and the risk of metabolic syndrome across body mass index: the MESA Study. <i>JACC: Cardiovascular Imaging</i> , <b>2014</b> , 7, 1221-35	8.4	220
269	Diagnostic accuracy of rubidium-82 myocardial perfusion imaging with hybrid positron emission tomography/computed tomography in the detection of coronary artery disease. <i>Journal of the American College of Cardiology</i> , <b>2007</b> , 49, 1052-8	15.1	214
268	Incremental prognostic value of gated Rb-82 positron emission tomography myocardial perfusion imaging over clinical variables and rest LVEF. <i>JACC: Cardiovascular Imaging</i> , <b>2009</b> , 2, 846-54	8.4	192
267	Prognostic Value of Cardiac Magnetic Resonance Tissue Characterization in Risk-Stratifying Patients With Suspected Myocarditis. <i>Journal of the American College of Cardiology</i> , <b>2017</b> , 70, 1964-1976 <sup>15.1</sup>	15.1	172
266	T1 measurements identify extracellular volume expansion in hypertrophic cardiomyopathy sarcomere mutation carriers with and without left ventricular hypertrophy. <i>Circulation: Cardiovascular Imaging</i> , <b>2013</b> , 6, 415-22	3.9	158

265	Right ventricular dysfunction assessed by cardiovascular magnetic resonance imaging predicts poor prognosis late after myocardial infarction. <i>Journal of the American College of Cardiology</i> , <b>2007</b> , 49, 855-62	15.1	155
264	Prospective randomized trial of direct endomyocardial implantation of bone marrow cells for treatment of severe coronary artery diseases (PROTECT-CAD trial). <i>European Heart Journal</i> , <b>2007</b> , 28, 2998-3005	9.5	155
263	CMR quantification of myocardial scar provides additive prognostic information in nonischemic cardiomyopathy. <i>JACC: Cardiovascular Imaging</i> , <b>2013</b> , 6, 944-54	8.4	141
262	Value of vasodilator left ventricular ejection fraction reserve in evaluating the magnitude of myocardium at risk and the extent of angiographic coronary artery disease: a <sup>82</sup> Rb PET/CT study. <i>Journal of Nuclear Medicine</i> , <b>2007</b> , 48, 349-58	8.9	140
261	Diverse human extracellular RNAs are widely detected in human plasma. <i>Nature Communications</i> , <b>2016</b> , 7, 11106	17.4	136
260	Myocardial extracellular volume by cardiac magnetic resonance imaging in patients treated with anthracycline-based chemotherapy. <i>American Journal of Cardiology</i> , <b>2013</b> , 111, 717-22	3	132
259	Comparative definitions for moderate-severe ischemia in stress nuclear, echocardiography, and magnetic resonance imaging. <i>JACC: Cardiovascular Imaging</i> , <b>2014</b> , 7, 593-604	8.4	127
258	Left ventricular mass in patients with a cardiomyopathy after treatment with anthracyclines. <i>American Journal of Cardiology</i> , <b>2012</b> , 110, 1679-86	3	122
257	Complementary prognostic values of stress myocardial perfusion and late gadolinium enhancement imaging by cardiac magnetic resonance in patients with known or suspected coronary artery disease. <i>Circulation</i> , <b>2009</b> , 120, 1390-400	16.7	119
256	Cardiovascular magnetic resonance in immune checkpoint inhibitor-associated myocarditis. <i>European Heart Journal</i> , <b>2020</b> , 41, 1733-1743	9.5	114
255	Complementary Value of Cardiac Magnetic Resonance Imaging and Positron Emission Tomography/Computed Tomography in the Assessment of Cardiac Sarcoidosis. <i>Circulation: Cardiovascular Imaging</i> , <b>2018</b> , 11, e007030	3.9	112
254	Effect of Omega-3 Acid Ethyl Esters on Left Ventricular Remodeling After Acute Myocardial Infarction: The OMEGA-REMODEL Randomized Clinical Trial. <i>Circulation</i> , <b>2016</b> , 134, 378-91	16.7	112
253	Quantification of LV function and mass by cardiovascular magnetic resonance: multi-center variability and consensus contours. <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2015</b> , 17, 63	6.9	105
252	Diltiazem treatment for pre-clinical hypertrophic cardiomyopathy sarcomere mutation carriers: a pilot randomized trial to modify disease expression. <i>JACC: Heart Failure</i> , <b>2015</b> , 3, 180-8	7.9	105
251	Quantification of extracellular matrix expansion by CMR in infiltrative heart disease. <i>JACC: Cardiovascular Imaging</i> , <b>2012</b> , 5, 897-907	8.4	101
250	Effect of sleep apnea and continuous positive airway pressure on cardiac structure and recurrence of atrial fibrillation. <i>Journal of the American Heart Association</i> , <b>2013</b> , 2, e000421	6	98
249	Presence of Late Gadolinium Enhancement by Cardiac Magnetic Resonance Among Patients With Suspected Cardiac Sarcoidosis Is Associated With Adverse Cardiovascular Prognosis: A Systematic Review and Meta-Analysis. <i>Circulation: Cardiovascular Imaging</i> , <b>2016</b> , 9, e005001	3.9	95
248	The Extracellular RNA Communication Consortium: Establishing Foundational Knowledge and Technologies for Extracellular RNA Research. <i>Cell</i> , <b>2019</b> , 177, 231-242	56.2	91

247	Stress myocardial perfusion imaging by CMR provides strong prognostic value to cardiac events regardless of patient's sex. <i>JACC: Cardiovascular Imaging</i> , <b>2011</b> , 4, 850-61	8.4	91
246	Mineralocorticoid receptor blockade improves coronary microvascular function in individuals with type 2 diabetes. <i>Diabetes</i> , <b>2015</b> , 64, 236-42	0.9	88
245	Quantification of cardiomyocyte hypertrophy by cardiac magnetic resonance: implications for early cardiac remodeling. <i>Circulation</i> , <b>2013</b> , 128, 1225-33	16.7	84
244	Cardiac Magnetic Resonance Stress Perfusion Imaging for Evaluation of Patients With Chest Pain. <i>Journal of the American College of Cardiology</i> , <b>2019</b> , 74, 1741-1755	15.1	82
243	Hypertrophic Cardiomyopathy Registry: The rationale and design of an international, observational study of hypertrophic cardiomyopathy. <i>American Heart Journal</i> , <b>2015</b> , 170, 223-30	4.9	82
242	Iron overload in patients with acute leukemia or MDS undergoing myeloablative stem cell transplantation. <i>Biology of Blood and Marrow Transplantation</i> , <b>2011</b> , 17, 852-60	4.7	80
241	Infarct tissue heterogeneity by contrast-enhanced MRI is a novel predictor of mortality in patients with coronary artery disease with reduced left ventricular systolic function. <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2011</b> , 13,	6.9	78
240	Characterization of peri-infarct zone by cardiac magnetic resonance: validation compared to ex-vivo imaging and post-mortem histology. <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2011</b> , 13,	6.9	78
239	MR myocardial perfusion imaging. <i>Radiology</i> , <b>2013</b> , 266, 701-15	20.5	77
238	Role of transcytolemmal water-exchange in magnetic resonance measurements of diffuse myocardial fibrosis in hypertensive heart disease. <i>Circulation: Cardiovascular Imaging</i> , <b>2013</b> , 6, 134-41	3.9	75
237	Myocardial extracellular volume fraction from T1 measurements in healthy volunteers and mice: relationship to aging and cardiac dimensions. <i>JACC: Cardiovascular Imaging</i> , <b>2013</b> , 6, 672-83	8.4	71
236	Late gadolinium enhancement among survivors of sudden cardiac arrest. <i>JACC: Cardiovascular Imaging</i> , <b>2015</b> , 8, 414-423	8.4	65
235	Coronary Optical Coherence Tomography and Cardiac Magnetic Resonance Imaging to Determine Underlying Causes of Myocardial Infarction With Nonobstructive Coronary Arteries in Women. <i>Circulation</i> , <b>2021</b> , 143, 624-640	16.7	61
234	Society for Cardiovascular Magnetic Resonance (SCMR) expert consensus for CMR imaging endpoints in clinical research: part I - analytical validation and clinical qualification. <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2018</b> , 20, 67	6.9	61
233	Distinct Subgroups in Hypertrophic Cardiomyopathy in the NHLBI HCM Registry. <i>Journal of the American College of Cardiology</i> , <b>2019</b> , 74, 2333-2345	15.1	60
232	Insulin resistance, subclinical left ventricular remodeling, and the obesity paradox: MESA (Multi-Ethnic Study of Atherosclerosis). <i>Journal of the American College of Cardiology</i> , <b>2013</b> , 61, 1698-706	15.1	60
231	Beneficial effects of eplerenone versus hydrochlorothiazide on coronary circulatory function in patients with diabetes mellitus. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2007</b> , 92, 2552-8	5.6	60
230	Characterization of the Changes in Cardiac Structure and Function in Mice Treated With Anthracyclines Using Serial Cardiac Magnetic Resonance Imaging. <i>Circulation: Cardiovascular Imaging</i> , <b>2016</b> , 9,	3.9	59

229	ASNC/AHA/ASE/EANM/HFSA/ISA/SCMR/SNMMI Expert Consensus Recommendations for Multimodality Imaging in Cardiac Amyloidosis: Part 1 of 2-Evidence Base and Standardized Methods of Imaging. <i>Journal of Cardiac Failure</i> , <b>2019</b> , 25, e1-e39	3.3	56
228	Does iron overload really matter in stem cell transplantation?. <i>American Journal of Hematology</i> , <b>2012</b> , 87, 569-72	7.1	56
227	Increased microvascularization and vessel permeability associate with active inflammation in human atheromata. <i>Circulation: Cardiovascular Imaging</i> , <b>2014</b> , 7, 920-9	3.9	55
226	Strong cardiovascular prognostic implication of quantitative left atrial contractile function assessed by cardiac magnetic resonance imaging in patients with chronic hypertension. <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2011</b> , 13, 42	6.9	55
225	Impact of cardiovascular magnetic resonance on management and clinical decision-making in heart failure patients. <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2013</b> , 15, 89	6.9	53
224	Electrocardiographic features of sarcomere mutation carriers with and without clinically overt hypertrophic cardiomyopathy. <i>American Journal of Cardiology</i> , <b>2011</b> , 108, 1606-13	3	53
223	Characterization of microvascular dysfunction after acute myocardial infarction by cardiovascular magnetic resonance first-pass perfusion and late gadolinium enhancement imaging. <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2006</b> , 8, 831-7	6.9	52
222	Stress cardiac magnetic resonance imaging provides effective cardiac risk reclassification in patients with known or suspected stable coronary artery disease. <i>Circulation</i> , <b>2013</b> , 128, 605-14	16.7	50
221	Multimodality Imaging in Individuals With Anomalous Coronary Arteries. <i>JACC: Cardiovascular Imaging</i> , <b>2017</b> , 10, 471-481	8.4	49
220	The incidence, pattern, and prognostic value of left ventricular myocardial scar by late gadolinium enhancement in patients with atrial fibrillation. <i>Journal of the American College of Cardiology</i> , <b>2013</b> , 62, 2205-14	15.1	49
219	Myocardial extracellular volume expansion and the risk of recurrent atrial fibrillation after pulmonary vein isolation. <i>JACC: Cardiovascular Imaging</i> , <b>2014</b> , 7, 1-11	8.4	48
218	Comparing CMR Mapping Methods and Myocardial Patterns Toward Heart Failure Outcomes in Nonischemic Dilated Cardiomyopathy. <i>JACC: Cardiovascular Imaging</i> , <b>2019</b> , 12, 1659-1669	8.4	48
217	ACC 2015 Core Cardiovascular Training Statement (COCATS 4) (Revision of COCATS 3). <i>Journal of the American College of Cardiology</i> , <b>2015</b> , 65, 1721-1723	15.1	46
216	Cardiac masses, part 1: imaging strategies and technical considerations. <i>American Journal of Roentgenology</i> , <b>2011</b> , 197, W837-41	5.4	46
215	Association of Sex With Severity of Coronary Artery Disease, Ischemia, and Symptom Burden in Patients With Moderate or Severe Ischemia: Secondary Analysis of the ISCHEMIA Randomized Clinical Trial. <i>JAMA Cardiology</i> , <b>2020</b> , 5, 773-786	16.2	44
214	Myocardial infarction triggers chronic cardiac autoimmunity in type 1 diabetes. <i>Science Translational Medicine</i> , <b>2012</b> , 4, 138ra80	17.5	43
213	Predicting the effects of supplemental EPA and DHA on the omega-3 index. <i>American Journal of Clinical Nutrition</i> , <b>2019</b> , 110, 1034-1040	7	42
212	Assessment of Cardiac Masses by Cardiac Magnetic Resonance Imaging: Histological Correlation and Clinical Outcomes. <i>Journal of the American Heart Association</i> , <b>2019</b> , 8, e007829	6	42

211	Left atrial passive emptying function determined by cardiac magnetic resonance predicts atrial fibrillation recurrence after pulmonary vein isolation. <i>Circulation: Cardiovascular Imaging</i> , <b>2014</b> , 7, 586-92 <sup>3,9</sup>	41
210	ASNC/AHA/ASE/EANM/HFSA/ISA/SCMR/SNMMI Expert Consensus Recommendations for Multimodality Imaging in Cardiac Amyloidosis: Part 2 of 2-Diagnostic Criteria and Appropriate Utilization. <i>Journal of Cardiac Failure</i> , <b>2019</b> , 25, 854-865	3.3 40
209	Evaluation of right ventricular remodeling using cardiac magnetic resonance imaging in co-existent chronic obstructive pulmonary disease and obstructive sleep apnea. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , <b>2013</b> , 10, 4-10	2 40
208	A 1.5T MRI-conditional 12-lead electrocardiogram for MRI and intra-MR intervention. <i>Magnetic Resonance in Medicine</i> , <b>2014</b> , 71, 1336-47	4.4 39
207	Yield of downstream tests after exercise treadmill testing: a prospective cohort study. <i>Journal of the American College of Cardiology</i> , <b>2014</b> , 63, 1264-1274	15.1 38
206	Characterization of Cardiac Amyloidosis by Atrial Late Gadolinium Enhancement Using Contrast-Enhanced Cardiac Magnetic Resonance Imaging and Correlation With Left Atrial Conduit and Contractile Function. <i>American Journal of Cardiology</i> , <b>2015</b> , 116, 622-9	3 38
205	Effect of cardiac stem cells on left-ventricular remodeling in a canine model of chronic myocardial infarction. <i>Circulation: Heart Failure</i> , <b>2013</b> , 6, 99-106	7.6 37
204	Myocardial tissue remodeling in adolescent obesity. <i>Journal of the American Heart Association</i> , <b>2013</b> , 2, e000279	6 37
203	Comparison of myocardial fibrosis quantification methods by cardiovascular magnetic resonance imaging for risk stratification of patients with suspected myocarditis. <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2019</b> , 21, 14	6.9 36
202	Global Coronary Flow Reserve Measured During Stress Cardiac Magnetic Resonance Imaging Is an Independent Predictor of Adverse Cardiovascular Events. <i>JACC: Cardiovascular Imaging</i> , <b>2019</b> , 12, 1686-1695	8.4 36
201	Multimodality Cardiovascular Imaging in the Midst of the COVID-19 Pandemic: Ramping Up Safely to a New Normal. <i>JACC: Cardiovascular Imaging</i> , <b>2020</b> , 13, 1615-1626	8.4 35
200	Quantitative relationship between coronary calcium content and coronary flow reserve as assessed by integrated PET/CT imaging. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2009</b> , 36, 1603-10	8.8 35
199	Diagnostic and prognostic value of cardiac magnetic resonance imaging in assessing myocardial viability. <i>Topics in Magnetic Resonance Imaging</i> , <b>2008</b> , 19, 15-24	2.3 35
198	BP in Dialysis: Results of a Pilot Study. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2018</b> , 29, 307-316	12.7 35
197	Aldosterone and myocardial extracellular matrix expansion in type 2 diabetes mellitus. <i>American Journal of Cardiology</i> , <b>2013</b> , 112, 73-8	3 33
196	Cardiac magnetic resonance assessment of interstitial myocardial fibrosis and cardiomyocyte hypertrophy in hypertensive mice treated with spironolactone. <i>Journal of the American Heart Association</i> , <b>2014</b> , 3, e000790	6 33
195	Detection of obstructive coronary artery disease using regadenoson stress and 82Rb PET/CT myocardial perfusion imaging. <i>Journal of Nuclear Medicine</i> , <b>2013</b> , 54, 1748-54	8.9 31
194	Cardiac masses, part 2: key imaging features for diagnosis and surgical planning. <i>American Journal of Roentgenology</i> , <b>2011</b> , 197, W842-51	5.4 31

193	Plasma Circulating Extracellular RNAs in Left Ventricular Remodeling Post-Myocardial Infarction. <i>EBioMedicine</i> , <b>2018</b> , 32, 172-181	8.8	31
192	Left atrial passive emptying function during dobutamine stress MR imaging is a predictor of cardiac events in patients with suspected myocardial ischemia. <i>JACC: Cardiovascular Imaging</i> , <b>2011</b> , 4, 378-88	8.4	30
191	Multimodality imaging in the assessment of myocardial viability. <i>Heart Failure Reviews</i> , <b>2011</b> , 16, 381-95	5	30
190	MRI in Patients with Cardiac Implantable Electronic Devices. <i>Radiology</i> , <b>2018</b> , 289, 281-292	20.5	30
189	Lessons learned from MPI and physiologic testing in randomized trials of stable ischemic heart disease: COURAGE, BARI 2D, FAME, and ISCHEMIA. <i>Journal of Nuclear Cardiology</i> , <b>2013</b> , 20, 969-75	2.1	29
188	Cost-minimization analysis of three decision strategies for cardiac revascularization: results of the "suspected CAD" cohort of the european cardiovascular magnetic resonance registry. <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2016</b> , 18, 3	6.9	29
187	Society for Cardiovascular Magnetic Resonance (SCMR) recommended CMR protocols for scanning patients with active or convalescent phase COVID-19 infection. <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2020</b> , 22, 61	6.9	29
186	Myocarditis in Athletes Is a Challenge: Diagnosis, Risk Stratification, and Uncertainties. <i>JACC: Cardiovascular Imaging</i> , <b>2020</b> , 13, 494-507	8.4	29
185	Myocardial T1 and T2 Mapping by Magnetic Resonance in Patients With Immune Checkpoint Inhibitor-Associated Myocarditis. <i>Journal of the American College of Cardiology</i> , <b>2021</b> , 77, 1503-1516	15.1	28
184	Weight loss and progressive left ventricular remodelling: The Multi-Ethnic Study of Atherosclerosis (MESA). <i>European Journal of Preventive Cardiology</i> , <b>2015</b> , 22, 1408-18	3.9	27
183	Feature Tracking Myocardial Strain Incrementally Improves Prognostication in Myocarditis Beyond Traditional CMR Imaging Features. <i>JACC: Cardiovascular Imaging</i> , <b>2020</b> , 13, 1891-1901	8.4	26
182	Infarct tissue heterogeneity by contrast-enhanced magnetic resonance imaging is a novel predictor of mortality in patients with chronic coronary artery disease and left ventricular dysfunction. <i>Circulation: Cardiovascular Imaging</i> , <b>2014</b> , 7, 887-894	3.9	25
181	Vasodilator stress perfusion CMR imaging is feasible and prognostic in obese patients. <i>JACC: Cardiovascular Imaging</i> , <b>2014</b> , 7, 462-72	8.4	25
180	Images in cardiovascular medicine. Myocardial fibroma in gorlin syndrome by cardiac magnetic resonance imaging. <i>Circulation</i> , <b>2006</b> , 114, e376-9	16.7	25
179	Imaging the myocardial ischemic cascade. <i>International Journal of Cardiovascular Imaging</i> , <b>2018</b> , 34, 1249-1263	12.63	24
178	Obesity and sleep apnea are independently associated with adverse left ventricular remodeling and clinical outcome in patients with atrial fibrillation and preserved ventricular function. <i>American Heart Journal</i> , <b>2014</b> , 167, 620-6	4.9	24
177	Cost-Effectiveness Analysis of Stress Cardiovascular Magnetic Resonance Imaging for Stable Chest Pain Syndromes. <i>JACC: Cardiovascular Imaging</i> , <b>2020</b> , 13, 1505-1517	8.4	24
176	Imaging for planning of cardiac resynchronization therapy. <i>JACC: Cardiovascular Imaging</i> , <b>2012</b> , 5, 93-110	8.4	23

175	Mavacamten Favorably Impacts Cardiac Structure in Obstructive Hypertrophic Cardiomyopathy: EXPLORER-HCM Cardiac Magnetic Resonance Substudy Analysis. <i>Circulation</i> , <b>2021</b> , 143, 606-608	16.7	23
174	The utility of cardiovascular magnetic resonance in constrictive pericardial disease. <i>Cardiology in Review</i> , <b>2009</b> , 17, 77-82	3.2	22
173	Stress Perfusion Cardiac Magnetic Resonance Imaging Effectively Risk Stratifies Diabetic Patients With Suspected Myocardial Ischemia. <i>Circulation: Cardiovascular Imaging</i> , <b>2016</b> , 9, e004136	3.9	22
172	Incremental value of extracellular volume assessment by cardiovascular magnetic resonance imaging in risk stratifying patients with suspected myocarditis. <i>International Journal of Cardiovascular Imaging</i> , <b>2019</b> , 35, 1067-1078	2.5	22
171	State of the Art: Imaging for Myocardial Viability: A Scientific Statement From the American Heart Association. <i>Circulation: Cardiovascular Imaging</i> , <b>2020</b> , 13, e000053	3.9	21
170	T1 measurements for detection of expansion of the myocardial extracellular volume in chronic obstructive pulmonary disease. <i>Canadian Journal of Cardiology</i> , <b>2014</b> , 30, 1668-75	3.8	20
169	Assessment of myocardial ischemia with cardiovascular magnetic resonance. <i>Progress in Cardiovascular Diseases</i> , <b>2011</b> , 54, 191-203	8.5	20
168	Cerebral abscess due to persistent left superior vena cava draining into the left atrium. <i>Circulation</i> , <b>2011</b> , 124, 2362-4	16.7	20
167	Relative Apical Sparing of Myocardial Longitudinal Strain Is Explained by Regional Differences in Total Amyloid Mass Rather Than the Proportion of Amyloid Deposits. <i>JACC: Cardiovascular Imaging</i> , <b>2019</b> , 12, 1165-1173	8.4	19
166	Images in cardiovascular medicine. Intramural atrial hematoma after catheter ablation for atrial tachyarrhythmias. <i>Circulation</i> , <b>2007</b> , 115, e446-7	16.7	19
165	Long-term prognostic value and therapeutic implications of continuous ST-segment monitoring in acute coronary syndrome. <i>American Heart Journal</i> , <b>2007</b> , 153, 500-6	4.9	19
164	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> , <b>2017</b> , 19, 23	6.9	18
163	Diagnostic Accuracy of Advanced Imaging in Cardiac Sarcoidosis. <i>Circulation: Cardiovascular Imaging</i> , <b>2019</b> , 12, e008975	3.9	18
162	Left Ventricular Entropy Is a Novel Predictor of Arrhythmic Events in Patients With Dilated Cardiomyopathy Receiving Defibrillators for Primary Prevention. <i>JACC: Cardiovascular Imaging</i> , <b>2019</b> , 12, 1177-1184	8.4	18
161	Unifying statistical classification and geodesic active regions for segmentation of cardiac MRI. <i>IEEE Transactions on Information Technology in Biomedicine</i> , <b>2008</b> , 12, 328-34		18
160	Improved Quantification of Cardiac Amyloid Burden in Systemic Light Chain Amyloidosis: Redefining Early Disease?. <i>JACC: Cardiovascular Imaging</i> , <b>2020</b> , 13, 1325-1336	8.4	18
159	Imaging of Clinically Unrecognized Myocardial Fibrosis in Patients With Suspected Coronary Artery Disease. <i>Journal of the American College of Cardiology</i> , <b>2020</b> , 76, 945-957	15.1	18
158	Myocardial blood flow quantification for evaluation of coronary artery disease by positron emission tomography, cardiac magnetic resonance imaging, and computed tomography. <i>Current Cardiology Reports</i> , <b>2014</b> , 16, 483	4.2	17



157	Cost-effectiveness analysis for imaging techniques with a focus on cardiovascular magnetic resonance. <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2013</b> , 15, 52	6.9	17
156	Optimized ventricular restraint therapy: adjustable restraint is superior to standard restraint in an ovine model of ischemic cardiomyopathy. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2013</b> , 145, 824-31	1.5	17
155	Cardiac MRI for myocardial ischemia. <i>Methodist DeBakey Cardiovascular Journal</i> , <b>2013</b> , 9, 123-31	2.1	17
154	Prognostic Implications of Blunted Feature-Tracking Global Longitudinal Strain During Vasodilator Cardiovascular Magnetic Resonance Stress Imaging. <i>JACC: Cardiovascular Imaging</i> , <b>2020</b> , 13, 58-65	8.4	17
153	Technical advances and clinical applications of quantitative myocardial blood flow imaging with cardiac MRI. <i>Progress in Cardiovascular Diseases</i> , <b>2015</b> , 57, 615-22	8.5	16
152	Anomalous Origin of One Pulmonary Artery Branch From the Aorta: Role of MDCT Angiography. <i>American Journal of Roentgenology</i> , <b>2015</b> , 204, 979-87	5.4	16
151	QRS prolongation in patients with acute coronary syndromes. <i>American Heart Journal</i> , <b>2010</b> , 159, 593-8	4.9	16
150	Ventricular restraint therapy for heart failure: the right ventricle is different from the left ventricle. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2010</b> , 139, 1012-8	1.5	16
149	COCATS 4 Task Force 8: Training in Cardiovascular Magnetic Resonance Imaging. <i>Journal of the American College of Cardiology</i> , <b>2015</b> , 65, 1822-31	15.1	15
148	Images in cardiovascular medicine. Lffler endocarditis presenting with recurrent polymorphic ventricular tachycardia diagnosed by cardiac magnetic resonance imaging. <i>Circulation</i> , <b>2010</b> , 122, 96-9	16.7	15
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