Raymond Y Kwong

List of Publications by Year
in descending order

319	19,547	13854 67	12585 132
papers	citations	h-index	g-index

353	353	353	18595
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Initial Invasive or Conservative Strategy for Stable Coronary Disease. New England Journal of Medicine, 2020, 382, 1395-1407.	13.9	1,508
2	2012 ACCF/AHA/ACP/AATS/PCNA/SCAI/STS Guideline for the Diagnosis and Management of Patients With Stable Ischemic Heart Disease: Executive Summary. Circulation, 2012, 126, 3097-3137.	1.6	1,188
3	Characterization of the Peri-Infarct Zone by Contrast-Enhanced Cardiac Magnetic Resonance Imaging Is a Powerful Predictor of Postâ€“Myocardial Infarction Mortality. Circulation, 2006, 114, 32-39.	1.6	732
4	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. Circulation, 2006, 113, 2733-2743.	1.6	663
5	Cardiac Positron Emission Tomography Enhances Prognostic Assessments of Patients With Suspected Cardiac Sarcoidosis. Journal of the American College of Cardiology, 2014, 63, 329-336.	1.2	572
6	Myocardial Fibrosis as an Early Manifestation of Hypertrophic Cardiomyopathy. New England Journal of Medicine, 2010, 363, 552-563.	13.9	566
7	Interrelation of Coronary Calcification, Myocardial Ischemia, and Outcomes in Patients With Intermediate Likelihood of Coronary Artery Disease. Circulation, 2008, 117, 1693-1700.	1.6	346
8	Percutaneous Mitral Annuloplasty for Functional Mitral Regurgitation. Circulation, 2009, 120, 326-333.	1.6	336
9	Detecting Acute Coronary Syndrome in the Emergency Department With Cardiac Magnetic Resonance Imaging. Circulation, 2003, 107, 531-537.	1.6	328
10	Two-Dimensional Assessment of Right Ventricular Function: An Echocardiographic?MRI Correlative Study. Echocardiography, 2007, 24, 452-456.	0.3	327
11	Prognostic Value of Cardiac Magnetic Resonance Tissue Characterization in RiskÂStratifying Patients With SuspectedÂMyocarditis. Journal of the American College of Cardiology, 2017, 70, 1964-1976.	1.2	303
12	Visceral Adiposity and the Risk of Metabolic Syndrome Across BodyÂMassÂIndex. JACC: Cardiovascular Imaging, 2014, 7, 1221-1235.	2.3	291
13	Prognosis of Negative Adenosine Stress Magnetic Resonance in Patients Presenting to an Emergency Department With Chest Pain. Journal of the American College of Cardiology, 2006, 47, 1427-1432.	1.2	285
14	Incidence and Prognostic Implication of Unrecognized Myocardial Scar Characterized by Cardiac Magnetic Resonance in Diabetic Patients Without Clinical Evidence of Myocardial Infarction. Circulation, 2008, 118, 1011-1020.	1.6	277
15	Diagnostic Accuracy of Rubidium-82 Myocardial Perfusion Imaging With Hybrid Positron Emission Tomography/Computed Tomography in the Detection of Coronary Artery Disease. Journal of the American College of Cardiology, 2007, 49, 1052-1058.	1.2	243
16	Incremental Prognostic Value of Gated Rb-82 Positron Emission Tomography Myocardial Perfusion Imaging Over Clinical Variables and Rest LVEF. JACC: Cardiovascular Imaging, 2009, 2, 846-854.	2.3	239
17	ASNC/AHA/ASE/EANM/HFSA/ISA/SCMR/SNMMI expert consensus recommendations for multimodality imaging in cardiac amyloidosis: Part 1 of 2â€”evidence base and standardized methods of imaging. Journal of Nuclear Cardiology, 2019, 26, 2065-2123.	1.4	230
18	Cardiovascular magnetic resonance in immune checkpoint inhibitor-associated myocarditis. European Heart Journal, 2020, 41, 1733-1743.	1.0	212

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19	T1 Measurements Identify Extracellular Volume Expansion in Hypertrophic Cardiomyopathy Sarcomere Mutation Carriers With and Without Left Ventricular Hypertrophy. Circulation: Cardiovascular Imaging, 2013, 6, 415-422.	1.3	195
20	Complementary Value of Cardiac Magnetic Resonance Imaging and Positron Emission Tomography/Computed Tomography in the Assessment of Cardiac Sarcoidosis. Circulation: Cardiovascular Imaging, 2018, 11, e007030.	1.3	187
21	Right Ventricular Dysfunction Assessed by Cardiovascular Magnetic Resonance Imaging Predicts Poor Prognosis Late After Myocardial Infarction. Journal of the American College of Cardiology, 2007, 49, 855-862.	1.2	182
22	Coronary Optical Coherence Tomography and Cardiac Magnetic Resonance Imaging to Determine Underlying Causes of Myocardial Infarction With Nonobstructive Coronary Arteries in Women. Circulation, 2021, 143, 624-640.	1.6	180
23	Cardiac Magnetic Resonance Stress Perfusion Imaging for Evaluation of Patients WithÂChestÂPain. Journal of the American College of Cardiology, 2019, 74, 1741-1755.	1.2	177
24	Prospective randomized trial of direct endomyocardial implantation of bone marrow cells for treatment of severe coronary artery diseases (PROTECT-CAD trial). European Heart Journal, 2007, 28, 2998-3005.	1.0	174
25	Diverse human extracellular RNAs are widely detected in human plasma. Nature Communications, 2016, 7, 11106.	5.8	170
26	Comparative Definitions for Moderate-Severe Ischemia in Stress Nuclear, Echocardiography, and Magnetic Resonance Imaging. JACC: Cardiovascular Imaging, 2014, 7, 593-604.	2.3	168
27	CMR Quantification of Myocardial Scar Provides Additive Prognostic Information in Nonischemic Cardiomyopathy. JACC: Cardiovascular Imaging, 2013, 6, 944-954.	2.3	165
28	Myocardial Extracellular Volume by Cardiac Magnetic Resonance Imaging in Patients Treated With Anthracycline-Based Chemotherapy. American Journal of Cardiology, 2013, 111, 717-722.	0.7	165
29	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 82Rb PET/CT study. Journal of Nuclear Medicine, 2007, 48, 349-58.	2.8	163
30	Left Ventricular Mass in Patients With a Cardiomyopathy After Treatment With Anthracyclines. American Journal of Cardiology, 2012, 110, 1679-1686.	0.7	161
31	Presence of Late Gadolinium Enhancement by Cardiac Magnetic Resonance Among Patients With Suspected Cardiac Sarcoidosis Is Associated With Adverse Cardiovascular Prognosis. Circulation: Cardiovascular Imaging, 2016, 9, e005001.	1.3	156
32	Distinct Subgroups in Hypertrophic Cardiomyopathy in the NHLBI HCM Registry. Journal of the American College of Cardiology, 2019, 74, 2333-2345.	1.2	152
33	The Extracellular RNA Communication Consortium: Establishing Foundational Knowledge and Technologies for Extracellular RNA Research. Cell, 2019, 177, 231-242.	13.5	152
34	Effect of Omega-3 Acid Ethyl Esters on Left Ventricular Remodeling After Acute Myocardial Infarction. Circulation, 2016, 134, 378-391.	1.6	148
35	Outcomes in the ISCHEMIA Trial Based on Coronary Artery Disease and Ischemia Severity. Circulation, 2021, 144, 1024-1038.	1.6	140
36	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. Circulation, 2009, 120, 1390-1400.	1.6	139

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37	Diltiazem Treatment for Pre-Clinical Hypertrophic Cardiomyopathy SarcomereÂMutation Carriers. JACC: Heart Failure, 2015, 3, 180-188.	1.9	137
38	Quantification of LV function and mass by cardiovascular magnetic resonance: multi-center variability and consensus contours. Journal of Cardiovascular Magnetic Resonance, 2015, 17, 63.	1.6	135
39	Effect of Sleep Apnea and Continuous Positive Airway Pressure on Cardiac Structure and Recurrence of Atrial Fibrillation. Journal of the American Heart Association, 2013, 2, e000421.	1.6	127
40	Quantification of Extracellular Matrix Expansion by CMR in Infiltrative Heart Disease. JACC: Cardiovascular Imaging, 2012, 5, 897-907.	2.3	123
41	Hypertrophic Cardiomyopathy Registry: The rationale and design of an international, observational study of hypertrophic cardiomyopathy. American Heart Journal, 2015, 170, 223-230.	1.2	123
42	Stress Myocardial Perfusion Imaging by CMR Provides Strong Prognostic Value to Cardiac Events Regardless of Patient's Sex. JACC: Cardiovascular Imaging, 2011, 4, 850-861.	2.3	113
43	Mavacamten Favorably Impacts Cardiac Structure in Obstructive Hypertrophic Cardiomyopathy. Circulation, 2021, 143, 606-608.	1.6	109
44	ASNC/AHA/ASE/EANM/HFSA/ISA/SCMR/SNMMI Expert Consensus Recommendations for Multimodality Imaging in Cardiac Amyloidosis: Part 1 of 2â€"Evidence Base and Standardized Methods of Imaging. Journal of Cardiac Failure, 2019, 25, e1-e39.	0.7	107
45	Quantification of Cardiomyocyte Hypertrophy by Cardiac Magnetic Resonance. Circulation, 2013, 128, 1225-1233.	1.6	105
46	MR Myocardial Perfusion Imaging. Radiology, 2013, 266, 701-715.	3.6	104
47	Mineralocorticoid Receptor Blockade Improves Coronary Microvascular Function in Individuals With Type 2 Diabetes. Diabetes, 2015, 64, 236-242.	0.3	104
48	Society for Cardiovascular Magnetic Resonance (SCMR) expert consensus for CMR imaging endpoints in clinical research: part I - analytical validation and clinical qualification. Journal of Cardiovascular Magnetic Resonance, 2018, 20, 67.	1.6	101
49	Association of Sex With Severity of Coronary Artery Disease, Ischemia, and Symptom Burden in Patients With Moderate or Severe Ischemia. JAMA Cardiology, 2020, 5, 773.	3.0	101
50	Iron Overload in Patients with Acute Leukemia or MDS Undergoing Myeloablative Stem Cell Transplantation. Biology of Blood and Marrow Transplantation, 2011, 17, 852-860.	2.0	98
51	ASNC/AHA/ASE/EANM/HFSA/ISA/SCMR/SNMMI expert consensus recommendations for multimodality imaging in cardiac amyloidosis: Part 2 of 2â€"Diagnostic criteria and appropriate utilization. Journal of Nuclear Cardiology, 2020, 27, 659-673.	1.4	97
52	Myocardial T1 and T2 Mapping by Magnetic Resonance in PatientsÂWithÂImmune Checkpoint Inhibitorâ€"Associated Myocarditis. Journal of the American College of Cardiology, 2021, 77, 1503-1516.	1.2	97
53	Myocardial Extracellular Volume Fraction From T1 Measurements in Healthy Volunteers and Mice. JACC: Cardiovascular Imaging, 2013, 6, 672-683.	2.3	95
54	Role of Transcytolemmal Water-Exchange in Magnetic Resonance Measurements of Diffuse Myocardial Fibrosis in Hypertensive Heart Disease. Circulation: Cardiovascular Imaging, 2013, 6, 134-141.	1.3	89

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55	Multimodality Imaging in Individuals WithÂAnomalous Coronary Arteries. JACC: Cardiovascular Imaging, 2017, 10, 471-481.	2.3	87
56	Late Gadolinium Enhancement Among Survivors of Sudden Cardiac Arrest. JACC: Cardiovascular Imaging, 2015, 8, 414-423.	2.3	85
57	Characterization of the Changes in Cardiac Structure and Function in Mice Treated With Anthracyclines Using Serial Cardiac Magnetic Resonance Imaging. Circulation: Cardiovascular Imaging, 2016, 9, .	1.3	83
58	Comparing CMR Mapping Methods andÂMyocardial Patterns Toward HeartÂFailure Outcomes in NonischemicÂDilated Cardiomyopathy. JACC: Cardiovascular Imaging, 2019, 12, 1659-1669.	2.3	80
59	Global Coronary Flow Reserve MeasuredÂDuring Stress Cardiac MagneticÂResonance Imaging IsÂanÂIndependent Predictor of AdverseÂCardiovascular Events. JACC: Cardiovascular Imaging, 2019, 12, 1686-1695.	2.3	78
60	Electrocardiographic Features of Sarcomere Mutation Carriers With and Without Clinically Overt Hypertrophic Cardiomyopathy. American Journal of Cardiology, 2011, 108, 1606-1613.	0.7	77
61	Feature Tracking Myocardial Strain Incrementally Improves Prognostication in Myocarditis Beyond Traditional CMR Imaging Features. JACC: Cardiovascular Imaging, 2020, 13, 1891-1901.	2.3	76
62	Insulin Resistance, Subclinical Left Ventricular Remodeling, and the Obesity Paradox. Journal of the American College of Cardiology, 2013, 61, 1698-1706.	1.2	74
63	Increased Microvascularization and Vessel Permeability Associate With Active Inflammation in Human Atheromata. Circulation: Cardiovascular Imaging, 2014, 7, 920-929.	1.3	74
64	Cardiovascular Magnetic Resonance in Cardiac Amyloidosis. Circulation, 2005, 111, 122-124.	1.6	73
65	Assessment of Cardiac Masses by Cardiac Magnetic Resonance Imaging: Histological Correlation and Clinical Outcomes. Journal of the American Heart Association, 2019, 8, e007829.	1.6	72
66	Cardiac Masses, Part 1: Imaging Strategies and Technical Considerations. American Journal of Roentgenology, 2011, 197, W837-W841.	1.0	71
67	Strong cardiovascular prognostic implication of quantitative left atrial contractile function assessed by cardiac magnetic resonance imaging in patients with chronic hypertension. Journal of Cardiovascular Magnetic Resonance, 2011, 13, 42.	1.6	70
68	ASNC/AHA/ASE/EANM/HFSA/ISA/SCMR/SNMMI Expert Consensus Recommendations for Multimodality Imaging in Cardiac Amyloidosis: Part 2 of 2â€"Diagnostic Criteria and Appropriate Utilization. Journal of Cardiac Failure, 2019, 25, 854-865.	0.7	70
69	Beneficial Effects of EplerenoneVersusHydrochlorothiazide on Coronary Circulatory Function in Patients with Diabetes Mellitus. Journal of Clinical Endocrinology and Metabolism, 2007, 92, 2552-2558.	1.8	68
70	ACC 2015 Core Cardiovascular Training Statement (COCATS 4) (Revision of COCATS 3). Journal of the American College of Cardiology, 2015, 65, 1721-1723.	1.2	67
71	Comparison of myocardial fibrosis quantification methods by cardiovascular magnetic resonance imaging for risk stratification of patients with suspected myocarditis. Journal of Cardiovascular Magnetic Resonance, 2019, 21, 14.	1.6	66
72	Does iron overload really matter in stem cell transplantation?. American Journal of Hematology, 2012, 87, 569-572.	2.0	65

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73	Stress Cardiac Magnetic Resonance Imaging Provides Effective Cardiac Risk Reclassification in Patients With Known or Suspected Stable Coronary Artery Disease. Circulation, 2013, 128, 605-614.	1.6	65
74	Impact of cardiovascular magnetic resonance on management and clinical decision-making in heart failure patients. Journal of Cardiovascular Magnetic Resonance, 2013, 15, 89.	1.6	65
75	Myocardial Infarction Triggers Chronic Cardiac Autoimmunity in Type 1 Diabetes. Science Translational Medicine, 2012, 4, 138ra80.	5.8	64
76	State of the Art: Imaging for Myocardial Viability: A Scientific Statement From the American Heart Association. Circulation: Cardiovascular Imaging, 2020, 13, e000053.	1.3	64
77	Predicting the effects of supplemental EPA and DHA on the omega-3 index. American Journal of Clinical Nutrition, 2019, 110, 1034-1040.	2.2	63
78	Society for Cardiovascular Magnetic Resonance (SCMR) recommended CMR protocols for scanning patients with active or convalescent phase COVID-19 infection. Journal of Cardiovascular Magnetic Resonance, 2020, 22, 61.	1.6	63
79	Myocarditis in Athletes Is a Challenge. JACC: Cardiovascular Imaging, 2020, 13, 494-507.	2.3	61
80	Characterization of Microvascular Dysfunction After Acute Myocardial Infarction by Cardiovascular Magnetic Resonance First-Pass Perfusion and Late Gadolinium Enhancement Imaging. Journal of Cardiovascular Magnetic Resonance, 2006, 8, 831-837.	1.6	60
81	The Incidence, Pattern, and Prognostic Value ofÂLeft Ventricular Myocardial Scar by LateÂGadolinium Enhancement in Patients WithÂAtrial Fibrillation. Journal of the American College of Cardiology, 2013, 62, 2205-2214.	1.2	59
82	Myocardial Extracellular Volume Expansion and the Risk of Recurrent Atrial Fibrillation After Pulmonary Vein Isolation. JACC: Cardiovascular Imaging, 2014, 7, 1-11.	2.3	58
83	Cost-Effectiveness Analysis of Stress Cardiovascular Magnetic Resonance Imaging for Stable Chest Pain Syndromes. JACC: Cardiovascular Imaging, 2020, 13, 1505-1517.	2.3	58
84	Stress Cardiac Magnetic Resonance Myocardial Perfusion Imaging. Journal of the American College of Cardiology, 2021, 78, 1655-1668.	1.2	57
85	Multimodality Cardiovascular Imaging in the Midst of the COVID-19 Pandemic. JACC: Cardiovascular Imaging, 2020, 13, 1615-1626.	2.3	56
86	Evaluation of Right Ventricular Remodeling Using Cardiac Magnetic Resonance Imaging in Co-Existent Chronic Obstructive Pulmonary Disease and Obstructive Sleep Apnea. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2013, 10, 4-10.	0.7	55
87	Diagnostic Accuracy of Advanced Imaging in Cardiac Sarcoidosis. Circulation: Cardiovascular Imaging, 2019, 12, e008975.	1.3	54
88	Left Atrial Passive Emptying Function Determined by Cardiac Magnetic Resonance Predicts Atrial Fibrillation Recurrence After Pulmonary Vein Isolation. Circulation: Cardiovascular Imaging, 2014, 7, 586-592.	1.3	53
89	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. American Journal of Cardiology, 2015, 116, 622-629.	0.7	52
90	Plasma Circulating Extracellular RNAs in Left Ventricular Remodeling Post-Myocardial Infarction. EBioMedicine, 2018, 32, 172-181.	2.7	52

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91	Yield of Downstream Tests After Exercise Treadmill Testing. Journal of the American College of Cardiology, 2014, 63, 1264-1274.	1.2	51
92	BP in Dialysis: Results of a Pilot Study. Journal of the American Society of Nephrology: JASN, 2018, 29, 307-316.	3.0	49
93	Myocardial Tissue Remodeling in Adolescent Obesity. Journal of the American Heart Association, 2013, 2, e000279.	1.6	48
94	A 1.5T MRIâ€conditional 12â€lead electrocardiogram for MRI and intraâ€MR intervention. Magnetic Resonance in Medicine, 2014, 71, 1336-1347.	1.9	48
95	ASNC/AHA/ASE/EANM/HFSA/ISA/SCMR/SNMMI Expert Consensus Recommendations for Multimodality Imaging in Cardiac Amyloidosis: Part 1 of 2â€"Evidence Base and Standardized Methods of Imaging. Circulation: Cardiovascular Imaging, 2021, 14, e000029.	1.3	48
96	Toward Replacing Late Gadolinium Enhancement With Artificial Intelligence Virtual Native Enhancement for Gadolinium-Free Cardiovascular Magnetic Resonance Tissue Characterization in Hypertrophic Cardiomyopathy. Circulation, 2021, 144, 589-599.	1.6	48
97	MRI in Patients with Cardiac Implantable Electronic Devices. Radiology, 2018, 289, 281-292.	3.6	47
98	Quantitative relationship between coronary calcium content and coronary flow reserve as assessed by integrated PET/CT imaging. European Journal of Nuclear Medicine and Molecular Imaging, 2009, 36, 1603-1610.	3.3	45
99	Relative Apical Sparing of Myocardial Longitudinal Strain Is Explained by Regional Differences in Total Amyloid Mass Rather Than the Proportion ofÂAmyloid Deposits. JACC: Cardiovascular Imaging, 2019, 12, 1165-1173.	2.3	45
100	Diagnostic and Prognostic Value of Cardiac Magnetic Resonance Imaging in Assessing Myocardial Viability. Topics in Magnetic Resonance Imaging, 2008, 19, 15-24.	0.7	43
101	Multiparametric Cardiovascular Magnetic Resonance Approach in Diagnosing, Monitoring, and Prognostication ofÂMyocarditis. JACC: Cardiovascular Imaging, 2022, 15, 1325-1338.	2.3	43
102	Cardiac Masses, Part 2: Key Imaging Features for Diagnosis and Surgical Planning. American Journal of Roentgenology, 2011, 197, W842-W851.	1.0	42
103	Lessons learned from MPI and physiologic testing in randomized trials of stable ischemic heart disease: COURAGE, BARI 2D, FAME, and ISCHEMIA. Journal of Nuclear Cardiology, 2013, 20, 969-975.	1.4	42
104	Incremental value of extracellular volume assessment by cardiovascular magnetic resonance imaging in risk stratifying patients with suspected myocarditis. International Journal of Cardiovascular Imaging, 2019, 35, 1067-1078.	0.7	42
105	Multimodality imaging in the assessment of myocardial viability. Heart Failure Reviews, 2011, 16, 381-395.	1.7	41
106	Effect of Cardiac Stem Cells on Left-Ventricular Remodeling in a Canine Model of Chronic Myocardial Infarction. Circulation: Heart Failure, 2013, 6, 99-106.	1.6	41
107	Cost-minimization analysis of three decision strategies for cardiac revascularization: results of the â€œsuspected CADâ€•cohort of the european cardiovascular magnetic resonance registry. Journal of Cardiovascular Magnetic Resonance, 2016, 18, 3.	1.6	41
108	Improved Quantification of CardiacÂAmyloid Burden in SystemicÂLight ChainÂAmyloidosis. JACC: Cardiovascular Imaging, 2020, 13, 1325-1336.	2.3	41

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109	Detection of Obstructive Coronary Artery Disease Using Regadenoson Stress and ⁸²Rb PET/CT Myocardial Perfusion Imaging. Journal of Nuclear Medicine, 2013, 54, 1748-1754.	2.8	40
110	Aldosterone and Myocardial Extracellular Matrix Expansion in Type 2 Diabetes Mellitus. American Journal of Cardiology, 2013, 112, 73-78.	0.7	38
111	Cardiac Magnetic Resonance Assessment of Interstitial Myocardial Fibrosis and Cardiomyocyte Hypertrophy in Hypertensive Mice Treated With Spironolactone. Journal of the American Heart Association, 2014, 3, e000790.	1.6	38
112	Left Ventricular Entropy Is a Novel Predictor of Arrhythmic Events in Patients With Dilated Cardiomyopathy Receiving Defibrillators for PrimaryÂPrevention. JACC: Cardiovascular Imaging, 2019, 12, 1177-1184.	2.3	37
113	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. Circulation: Cardiovascular Imaging, 2014, 7, 887-894.	1.3	36
114	Sex Differences in Coronary Microvascular Function in Individuals With Type 2 Diabetes. Diabetes, 2019, 68, 631-636.	0.3	36
115	Imaging of Clinically Unrecognized Myocardial Fibrosis in Patients With Suspected Coronary Artery Disease. Journal of the American College of Cardiology, 2020, 76, 945-957.	1.2	36
116	Left Atrial Passive Emptying Function During Dobutamine Stress MR Imaging Is a Predictor of Cardiac Events in Patients With Suspected Myocardial Ischemia. JACC: Cardiovascular Imaging, 2011, 4, 378-388.	2.3	34
117	Vasodilator Stress Perfusion CMR ImagingÂIs Feasible and Prognostic inÂObese Patients. JACC: Cardiovascular Imaging, 2014, 7, 462-472.	2.3	34
118	Weight loss and progressive left ventricular remodelling: The Multi-Ethnic Study of Atherosclerosis (MESA). European Journal of Preventive Cardiology, 2015, 22, 1408-1418.	0.8	34
119	Imaging the myocardial ischemic cascade. International Journal of Cardiovascular Imaging, 2018, 34, 1249-1263.	0.7	34
120	Multimodality Imaging Assessment of Myocardial Fibrosis. JACC: Cardiovascular Imaging, 2021, 14, 2457-2469.	2.3	34
121	Addendum to ASNC/AHA/ASE/EANM/HFSA/ISA/SCMR/SNMMI expert consensus recommendations for multimodality imaging in cardiac amyloidosis: Part 1 of 2â€"evidence base and standardized methods of imaging. Journal of Nuclear Cardiology, 2021, 28, 1769-1774.	1.4	34
122	Imaging for Planning of Cardiac Resynchronization Therapy. JACC: Cardiovascular Imaging, 2012, 5, 93-110.	2.3	32
123	Cardiac Imaging for Coronary Heart Disease Risk Stratification in ChronicÂKidney Disease. JACC: Cardiovascular Imaging, 2021, 14, 669-682.	2.3	32
124	Stress Perfusion Cardiac Magnetic Resonance Imaging Effectively Risk Stratifies Diabetic Patients With Suspected Myocardial Ischemia. Circulation: Cardiovascular Imaging, 2016, 9, e004136.	1.3	31
125	Myocardial Fibroma in Gorlin Syndrome by Cardiac Magnetic Resonance Imaging. Circulation, 2006, 114, e376-9.	1.6	30
126	Obesity and sleep apnea are independently associated with adverse left ventricular remodeling and clinical outcome in patients with atrial fibrillation and preserved ventricular function. American Heart Journal, 2014, 167, 620-626.	1.2	30

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127	Prognostic Implications of Blunted Feature-Tracking Global Longitudinal Strain During Vasodilator Cardiovascular Magnetic Resonance Stress Imaging. JACC: Cardiovascular Imaging, 2020, 13, 58-65.	2.3	30
128	Cardiac MRI for Myocardial Ischemia. Methodist DeBakey Cardiovascular Journal, 2021, 9, 123.	0.5	29
129	The global cardiovascular magnetic resonance registry (GCMR) of the society for cardiovascular magnetic resonance (SCMR): its goals, rationale, data infrastructure, and current developments. Journal of Cardiovascular Magnetic Resonance, 2016, 19, 23.	1.6	28
130	The Utility of Cardiovascular Magnetic Resonance in Constrictive Pericardial Disease. Cardiology in Review, 2009, 17, 77-82.	0.6	26
131	Cerebral Abscess Due to Persistent Left Superior Vena Cava Draining Into the Left Atrium. Circulation, 2011, 124, 2362-2364.	1.6	26
132	Cost-effectiveness analysis for imaging techniques with a focus on cardiovascular magnetic resonance. Journal of Cardiovascular Magnetic Resonance, 2013, 15, 52.	1.6	26
133	Effect of Late Gadolinium Enhancement on the Recovery of Left Ventricular Systolic Function After Pulmonary Vein Isolation. Journal of the American Heart Association, 2016, 5, .	1.6	25
134	Defining Quality in Cardiovascular Imaging: A Scientific Statement From the American Heart Association. Circulation: Cardiovascular Imaging, 2017, 10, .	1.3	25
135	Intramural Atrial Hematoma After Catheter Ablation for Atrial Tachyarrhythmias. Circulation, 2007, 115, e446-7.	1.6	24
136	Association of ECG parameters with late gadolinium enhancement and outcome in patients with clinical suspicion of acute or subacute myocarditis referred for CMR imaging. PLoS ONE, 2020, 15, e0227134.	1.1	24
137	Definition of Left Ventricular Segments for Cardiac Magnetic Resonance Imaging. JACC: Cardiovascular Imaging, 2018, 11, 926-928.	2.3	23
138	Evaluation of Stress Cardiac Magnetic Resonance Imaging in Risk Reclassification of Patients With Suspected Coronary Artery Disease. JAMA Cardiology, 2020, 5, 1401.	3.0	23
139	Long-term prognostic value and therapeutic implications of continuous ST-segment monitoring in acute coronary syndrome. American Heart Journal, 2007, 153, 500-506.	1.2	22
140	Unifying Statistical Classification and Geodesic Active Regions for Segmentation of Cardiac MRI. IEEE Transactions on Information Technology in Biomedicine, 2008, 12, 328-334.	3.6	22
141	Assessment of Myocardial Ischemia with Cardiovascular Magnetic Resonance. Progress in Cardiovascular Diseases, 2011, 54, 191-203.	1.6	22
142	T1 Measurements for Detection of Expansion of the Myocardial Extracellular Volume in Chronic Obstructive Pulmonary Disease. Canadian Journal of Cardiology, 2014, 30, 1668-1675.	0.8	22
143	Myocardial Blood Flow Quantification for Evaluation of Coronary Artery Disease by Positron Emission Tomography, Cardiac Magnetic Resonance Imaging, and Computed Tomography. Current Cardiology Reports, 2014, 16, 483.	1.3	22
144	Anomalous Origin of One Pulmonary Artery Branch From the Aorta: Role of MDCT Angiography. American Journal of Roentgenology, 2015, 204, 979-987.	1.0	22

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145	COCATS 4 Task Force 8: TrainingÂinÂCardiovascular MagneticÂResonanceÂImaging. Journal of the American College of Cardiology, 2015, 65, 1822-1831.	1.2	21
146	Cardiac Imaging in the Post-ISCHEMIA Trial Era. JACC: Cardiovascular Imaging, 2020, 13, 1815-1833.	2.3	21
147	Quality assurance of quantitative cardiac T1-mapping in multicenter clinical trials â€“ A T1 phantom program from the hypertrophic cardiomyopathy registry (HCMR) study. International Journal of Cardiology, 2021, 330, 251-258.	0.8	21
148	Computed Tomography Scan and Magnetic Resonance Imaging. Circulation, 2003, 108, e104-6.	1.6	20
149	QRS prolongation in patients with acute coronary syndromes. American Heart Journal, 2010, 159, 593-598.	1.2	20
150	Sudden Cardiac Death in Ischemic HeartÂDisease. JACC: Cardiovascular Imaging, 2020, 13, 2223-2238.	2.3	20
151	Parvovirus B19-Induced Myocarditis Mimicking Acute Myocardial Infarction. Circulation, 2010, 121, e40-2.	1.6	19
152	Cardiac Magnetic Resonance Aids in the Diagnosis of Mitochondrial Cardiomyopathy. Circulation, 2011, 123, e227-9.	1.6	19
153	Optimized ventricular restraint therapy: Adjustable restraint is superior to standard restraint in an ovine model of ischemic cardiomyopathy. Journal of Thoracic and Cardiovascular Surgery, 2013, 145, 824-831.	0.4	19
154	Ultrasonic Assessment of Myocardial Microstructure in Hypertrophic Cardiomyopathy Sarcomere Mutation Carriers With and Without Left Ventricular Hypertrophy. Circulation: Heart Failure, 2016, 9, .	1.6	19
155	Ventricular restraint therapy for heart failure: The right ventricle is different from the left ventricle. Journal of Thoracic and Cardiovascular Surgery, 2010, 139, 1012-1018.	0.4	18
156	Risk Stratification by Regadenoson Stress Magnetic Resonance Imaging in Patients With Known or Suspected Coronary Artery Disease. American Journal of Cardiology, 2014, 114, 1198-1203.	0.7	18
157	Geographic variation in the treatment of non-ST-segment myocardial infarction in the English National Health Service: a cohort study. BMJ Open, 2016, 6, e011600.	0.8	18
158	Maximal Wall Thickness Measurement in Hypertrophic Cardiomyopathy. JACC: Cardiovascular Imaging, 2021, 14, 2123-2134.	2.3	18
159	Optimal imaging strategies to assess coronary blood flow and risk for patients with coronary artery disease. Current Opinion in Cardiology, 2008, 23, 599-606.	0.8	17
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