

Christopher M Kramer

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11209729/publications.pdf>

Version: 2024-02-01

231
papers

18,936
citations

18482

62
h-index

12597

132
g-index

241
all docs

241
docs citations

241
times ranked

14922
citing authors

#	ARTICLE	IF	CITATIONS
1	ACCF/ACR/SCCT/SCMR/ASNC/NASCI/SCAI/SID 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 RC, Hendel RC, Douglas PS, Peterson ED, Wolk MJ, Allen JM, Raskin IE. ACCF proposed method for evaluating the appropriateness of cardiovascular imaging. J Am Coll Cardiol 2005;46:1606-13. Journal of the American College of Cardiology, 2006, 48, 1475-1497.	2.8	1,326
2	Cardiovascular Magnetic Resonance in Nonischemic Myocardial Inflammation. Journal of the American College of Cardiology, 2018, 72, 3158-3176.	2.8	1,269
3	Standardized image interpretation and post processing in cardiovascular magnetic resonance: Society for Cardiovascular Magnetic Resonance (SCMR) Board of Trustees Task Force on Standardized Post Processing. Journal of Cardiovascular Magnetic Resonance, 2013, 15, 35.	3.3	1,037
4	ACCF/SCCT/ACR/AHA/ASE/ASNC/NASCI/SCAI/SCMR 2010 Appropriate Use Criteria for Cardiac Computed Tomography. Journal of the American College of Cardiology, 2010, 56, 1864-1894.	2.8	886
5	Myocardial Tissue Tracking with Two-dimensional Cine Displacement-encoded MR Imaging: Development and Initial Evaluation. Radiology, 2004, 230, 862-871.	7.3	637
6	Standardized cardiovascular magnetic resonance (CMR) protocols 2013 update. Journal of Cardiovascular Magnetic Resonance, 2013, 15, 91.	3.3	599
7	ACCF/AHA/ASE/ASNC/HFSA/HRS/SCAI/SCCT/SCMR/STS 2013 Multimodality Appropriate Use Criteria for the Detection and Risk Assessment of Stable Ischemic Heart Disease. Journal of the American College of Cardiology, 2014, 63, 380-406.	2.8	580
8	ACCF/ACR/AHA/NASCI/SCMR 2010 Expert Consensus Document on Cardiovascular Magnetic Resonance. Journal of the American College of Cardiology, 2010, 55, 2614-2662.	2.8	559
9	Standardized cardiovascular magnetic resonance imaging (CMR) protocols, society for cardiovascular magnetic resonance: board of trustees task force on standardized protocols. Journal of Cardiovascular Magnetic Resonance, 2008, 10, 35.	3.3	528
10	ACCF/ACR/AHA/NASCI/SCMR 2010 Expert Consensus Document on Cardiovascular Magnetic Resonance. Circulation, 2010, 121, 2462-2508.	1.6	480
11	Standardized image interpretation and post-processing in cardiovascular magnetic resonance - 2020 update. Journal of Cardiovascular Magnetic Resonance, 2020, 22, 19.	3.3	467
12	Prognostic Value of Late Gadolinium Enhancement in Clinical Outcomes for Hypertrophic Cardiomyopathy. JACC: Cardiovascular Imaging, 2012, 5, 370-377.	5.3	369
13	Late Gadolinium Enhancement on Cardiac Magnetic Resonance Predicts Adverse Cardiovascular Outcomes in Nonischemic Cardiomyopathy. Circulation: Cardiovascular Imaging, 2014, 7, 250-258.	2.6	291
14	Early Contrast-Enhanced MRI Predicts Late Functional Recovery After Reperfused Myocardial Infarction. Circulation, 1999, 99, 744-750.	1.6	241
15	Cardiac MRI Endpoints in Myocardial Infarction Experimental and Clinical Trials. Journal of the American College of Cardiology, 2019, 74, 238-256.	2.8	235
16	Coronary Microvascular Dysfunction, Microvascular Angina, and Treatment Strategies. JACC: Cardiovascular Imaging, 2015, 8, 210-220.	5.3	222
17	Prognostic Value of Stress Cardiac Magnetic Resonance Imaging in Patients With Known or Suspected Coronary Artery Disease. Journal of the American College of Cardiology, 2013, 62, 826-838.	2.8	216
18	Role of Noninvasive Testing in the Clinical Evaluation of Women With Suspected Ischemic Heart Disease. Circulation, 2014, 130, 350-379.	1.6	210

#	ARTICLE	IF	CITATIONS
19	Effect of Microvascular Obstruction and Intramyocardial Hemorrhage by CMR on LV Remodeling and Outcomes After Myocardial Infarction. <i>JACC: Cardiovascular Imaging</i> , 2014, 7, 940-952.	5.3	201
20	Role of Cardiac Magnetic Resonance in the Diagnosis and Prognosis of Nonischemic Cardiomyopathy. <i>JACC: Cardiovascular Imaging</i> , 2017, 10, 1180-1193.	5.3	189
21	Prognostic Value of Myocardial Scarring on CMR in Patients With Cardiac Sarcoidosis. <i>JACC: Cardiovascular Imaging</i> , 2017, 10, 411-420.	5.3	185
22	Calcified Carotid Atherosclerotic Plaque Is Associated Less with Ischemic Symptoms Than Is Noncalcified Plaque on MDCT. <i>American Journal of Roentgenology</i> , 2005, 184, 295-298.	2.2	180
23	Society for Cardiovascular Magnetic Resonance guidelines for reporting cardiovascular magnetic resonance examinations. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, 5.	3.3	174
24	Advances in Parametric Mapping With CMR Imaging. <i>JACC: Cardiovascular Imaging</i> , 2013, 6, 806-822.	5.3	165
25	Common genetic variants and modifiable risk factors underpin hypertrophic cardiomyopathy susceptibility and expressivity. <i>Nature Genetics</i> , 2021, 53, 135-142.	21.4	165
26	Remote Noninfarcted Region Dysfunction Soon After First Anterior Myocardial Infarction. <i>Circulation</i> , 1996, 94, 660-666.	1.6	156
27	Postinfarction Myocardial Scarring in Mice: Molecular MR Imaging with Use of a Collagen-targeting Contrast Agent. <i>Radiology</i> , 2008, 247, 788-796.	7.3	155
28	Imaging three-dimensional myocardial mechanics using navigator-gated volumetric spiral cine DENSE MRI. <i>Magnetic Resonance in Medicine</i> , 2010, 64, 1089-1097.	3.0	154
29	Distinct Subgroups in Hypertrophic Cardiomyopathy in the NHLBI HCM Registry. <i>Journal of the American College of Cardiology</i> , 2019, 74, 2333-2345.	2.8	152
30	Angiotensin II Type 2 Receptor Overexpression Preserves Left Ventricular Function After Myocardial Infarction. <i>Circulation</i> , 2002, 106, 106-111.	1.6	151
31	Assessment of Advanced Coronary Artery Disease. <i>Journal of the American College of Cardiology</i> , 2010, 56, 561-569.	2.8	149
32	Quantitative Assessment of Myocardial Viability After Infarction by Dobutamine Magnetic Resonance Tagging. <i>Circulation</i> , 1998, 98, 217-223.	1.6	138
33	Increased Extracellular Volume and Altered Mechanics Are Associated With LVH in Hypertensive Heart Disease, Not Hypertension Alone. <i>JACC: Cardiovascular Imaging</i> , 2015, 8, 172-180.	5.3	138
34	MR tagging early after myocardial infarction in mice demonstrates contractile dysfunction in adjacent and remote regions. <i>Magnetic Resonance in Medicine</i> , 2002, 48, 399-403.	3.0	132
35	Mechanisms of postinfarct left ventricular remodeling. <i>Drug Discovery Today Disease Mechanisms</i> , 2007, 4, 185-196.	0.8	128
36	Impact of Mechanical Activation, Scar, and Electrical Timing on Cardiac Resynchronization Therapy Response and Clinical Outcomes. <i>Journal of the American College of Cardiology</i> , 2014, 63, 1657-1666.	2.8	123

#	ARTICLE	IF	CITATIONS
37	Hypertrophic Cardiomyopathy Registry: The rationale and design of an international, observational study of hypertrophic cardiomyopathy. <i>American Heart Journal</i> , 2015, 170, 223-230.	2.7	123
38	Composition of the Stable Carotid Plaque. <i>Stroke</i> , 2007, 38, 935-940.	2.0	121
39	Multifactorial Determinants of Functional Capacity in Peripheral Arterial Disease. <i>Journal of the American College of Cardiology</i> , 2009, 54, 628-635.	2.8	119
40	Carotid Artery Calcification on CT May Independently Predict Stroke Risk. <i>American Journal of Roentgenology</i> , 2006, 186, 547-552.	2.2	117
41	Appropriate Use of Cardiovascular Technology. <i>Journal of the American College of Cardiology</i> , 2013, 61, 1305-1317.	2.8	114
42	Meta-Analysis of Diagnostic Performance of Coronary Computed Tomography Angiography, Computed Tomography Perfusion, and Computed Tomography-Fractional Flow Reserve in Functional Myocardial Ischemia Assessment Versus Invasive Fractional Flow Reserve. <i>American Journal of Cardiology</i> , 2015, 116, 1469-1478.	1.6	114
43	Why All the Focus on Cardiac Imaging?. <i>JACC: Cardiovascular Imaging</i> , 2010, 3, 789-794.	5.3	107
44	Magnetic Resonance Imaging Identifies the Fibrous Cap in Atherosclerotic Abdominal Aortic Aneurysm. <i>Circulation</i> , 2004, 109, 1016-1021.	1.6	103
45	Characterization of Signal Properties in Atherosclerotic Plaque Components by Intravascular MRI. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2000, 20, 1824-1830.	2.4	101
46	Contractile reserve and contrast uptake pattern by magnetic resonance imaging and functional recovery after reperfused myocardial infarction. <i>Journal of the American College of Cardiology</i> , 2000, 36, 1835-1840.	2.8	101
47	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> , 2018, 20, 67.	3.3	101
48	Multimodality Imaging of Lower Extremity Peripheral Arterial Disease. <i>Circulation: Cardiovascular Imaging</i> , 2012, 5, 797-807.	2.6	94
49	Progression of myocardial fibrosis in hypertrophic cardiomyopathy: mechanisms and clinical implications. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 20, 157-167.	1.2	92
50	Non-invasive imaging and monitoring cardiotoxicity of cancer therapeutic drugs. <i>Journal of Nuclear Cardiology</i> , 2012, 19, 377-388.	2.1	84
51	Magnetic Resonance Imaging of Carotid Atherosclerotic Plaque in Clinically Suspected Acute Transient Ischemic Attack and Acute Ischemic Stroke. <i>Circulation</i> , 2010, 122, 2031-2038.	1.6	83
52	Infarct Involution and Improved Function During Healing of Acute Myocardial Infarction: The Role of Microvascular Obstruction #,?. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2004, 6, 917-925.	3.3	79
53	Calf muscle perfusion at peak exercise in peripheral arterial disease: Measurement by first-pass contrast-enhanced magnetic resonance imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2007, 25, 1013-1020.	3.4	79
54	Cardiovascular Magnetic Resonance for Patients With COVID-19. <i>JACC: Cardiovascular Imaging</i> , 2022, 15, 685-699.	5.3	79

#	ARTICLE	IF	CITATIONS
55	Native T1 and Extracellular Volume Measurements by Cardiac MRI in Healthy Adults: A Meta-Analysis. <i>Radiology</i> , 2019, 290, 317-326.	7.3	77
56	Arterial Spin Labeling MR Imaging Reproducibly Measures Peak-Exercise Calf Muscle Perfusion. <i>JACC: Cardiovascular Imaging</i> , 2012, 5, 1224-1230.	5.3	76
57	The effect of ezetimibe on peripheral arterial atherosclerosis depends upon statin use at baseline. <i>Atherosclerosis</i> , 2011, 218, 156-162.	0.8	74
58	Molecular Imaging of the Cardiac Extracellular Matrix. <i>Circulation Research</i> , 2014, 114, 903-915.	4.5	73
59	Assessment of the Accuracy and Reproducibility of RV Volume Measurements by CMR in Congenital Heart Disease. <i>JACC: Cardiovascular Imaging</i> , 2012, 5, 28-37.	5.3	72
60	Quantitative cardiovascular magnetic resonance perfusion imaging identifies reduced flow reserve in microvascular coronary artery disease. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2018, 20, 14.	3.3	72
61	Delayed Calf Muscle Phosphocreatine Recovery After Exercise Identifies Peripheral Arterial Disease. <i>Journal of the American College of Cardiology</i> , 2006, 47, 2289-2295.	2.8	68
62	Dobutamine Response and Myocardial Infarct Transmurality: Functional Improvement after Coronary Artery Bypass Grafting—Initial Experience. <i>Radiology</i> , 2006, 240, 835-841.	7.3	63
63	Black blood gradient echo cine magnetic resonance imaging of the mouse heart. <i>Magnetic Resonance in Medicine</i> , 2005, 53, 1074-1079.	3.0	62
64	Comparison of methods for determining the partition coefficient of gadolinium in the myocardium using T ₁ mapping. <i>Journal of Magnetic Resonance Imaging</i> , 2013, 38, 217-224.	3.4	58
65	Multimodality Imaging of Myocardial Injury and Remodeling. <i>Journal of Nuclear Medicine</i> , 2010, 51, 107S-121S.	5.0	57
66	Stress Cardiac Magnetic Resonance Myocardial Perfusion Imaging. <i>Journal of the American College of Cardiology</i> , 2021, 78, 1655-1668.	2.8	57
67	Dissociation Between Changes in Intramyocardial Function and Left Ventricular Volumes in the Eight Weeks After First Anterior Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 1997, 30, 1625-1632.	2.8	56
68	Reproducibility and Reliability of Atherosclerotic Plaque Volume Measurements in Peripheral Arterial Disease with Cardiovascular Magnetic Resonance. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2007, 9, 71-76.	3.3	56
69	Improved arterial spin labeling after myocardial infarction in mice using cardiac and respiratory gated look-locker imaging with fuzzy C-means clustering. <i>Magnetic Resonance in Medicine</i> , 2010, 63, 648-657.	3.0	56
70	Detection of elevated right ventricular extracellular volume in pulmonary hypertension using Accelerated and Navigator-Gated Look-Locker Imaging for Cardiac T1 Estimation (ANGIE) cardiovascular magnetic resonance. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2015, 17, 110.	3.3	56
71	Breath-Hold Dobutamine Magnetic Resonance Myocardial Tagging: Normal Left Ventricular Response. <i>American Journal of Cardiology</i> , 1997, 80, 1203-1207.	1.6	55
72	The association of lesion eccentricity with plaque morphology and components in the superficial femoral artery: a high-spatial-resolution, multi-contrast weighted CMR study. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2010, 12, 37.	3.3	53

#	ARTICLE	IF	CITATIONS
73	Regional Myocyte Hypertrophy Parallels Regional Myocardial Dysfunction During Post-infarct Remodeling. <i>Journal of Molecular and Cellular Cardiology</i> , 1998, 30, 1773-1778.	1.9	52
74	Combined Angiotensin II Receptor Antagonism and Angiotensin-Converting Enzyme Inhibition Further Attenuates Postinfarction Left Ventricular Remodeling. <i>Circulation</i> , 2001, 103, 2845-2850.	1.6	51
75	Multi-parameter in vivo cardiac magnetic resonance imaging demonstrates normal perfusion reserve despite severely attenuated β -adrenergic functional response in neuronal nitric oxide synthase knockout mice. <i>European Heart Journal</i> , 2007, 28, 2792-2798.	2.2	51
76	Cardiovascular Magnetic Resonance Imaging of Myocardial Infarction, Viability, and Cardiomyopathies. <i>Current Problems in Cardiology</i> , 2010, 35, 176-220.	2.4	51
77	Chronic Ischemic Left Ventricular Dysfunction. <i>JACC: Cardiovascular Imaging</i> , 2008, 1, 536-555.	5.3	50
78	Markedly increased volume of distribution of gadolinium in cardiac amyloidosis demonstrated by T_1 mapping. <i>Journal of Magnetic Resonance Imaging</i> , 2013, 38, 1591-1595.	3.4	49
79	Reduced Sympathetic Innervation Underlies Adjacent Noninfarcted Region Dysfunction During Left Ventricular Remodeling. <i>Journal of the American College of Cardiology</i> , 1997, 30, 1079-1085.	2.8	48
80	ACCF/AHA/ASE/ASNC/HFSA/HRS/SCAI/SCCT/SCMR/STS 2013 Multimodality Appropriate Use Criteria for the Detection and Risk Assessment of Stable Ischemic Heart Disease. <i>Journal of Nuclear Cardiology</i> , 2014, 21, 192-220.	2.1	48
81	Cardiovascular Imaging Techniques to Assess Microvascular Dysfunction. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 1577-1590.	5.3	48
82	Toward Replacing Late Gadolinium Enhancement With Artificial Intelligence Virtual Native Enhancement for Gadolinium-Free Cardiovascular Magnetic Resonance Tissue Characterization in Hypertrophic Cardiomyopathy. <i>Circulation</i> , 2021, 144, 589-599.	1.6	48
83	Monocyte and/or Macrophage Infiltration of Heart after Myocardial Infarction: MR Imaging by Using T_1 -shortening Liposomes. <i>Radiology</i> , 2012, 264, 428-435.	7.3	47
84	Functional and Economic Impact of INOCA and Influence of Coronary Microvascular Dysfunction. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 1369-1379.	5.3	46
85	Nitric Oxide Mediates Benefits of Angiotensin II Type 2 Receptor Overexpression During Post-Infarct Remodeling. <i>Hypertension</i> , 2004, 43, 680-685.	2.7	45
86	Cocoa to Improve Walking Performance in Older People With Peripheral Artery Disease. <i>Circulation Research</i> , 2020, 126, 589-599.	4.5	45
87	ACC/AHA/ACR/ASE/ASNC/HRS/NASCI/RSNA/SAIP/SCAI/ SCCT/SCMR/SIR 2008 Key Data Elements and Definitions for Cardiac Imaging. <i>Circulation</i> , 2009, 119, 154-186.	1.6	43
88	ACCF/AHA/ASE/ASNC/HFSA/HRS/SCAI/SCCT/SCMR/STS 2013 Multimodality Appropriate Use Criteria for the Detection and Risk Assessment of Stable Ischemic Heart Disease. <i>Journal of Cardiac Failure</i> , 2014, 20, 65-90.	1.7	43
89	Reperfused Myocardial Infarction in Mice: 3D Mapping of Late Gadolinium Enhancement and Strain. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2006, 8, 685-692.	3.3	42
90	Usefulness of Magnetic Resonance Imaging Early After Acute Myocardial Infarction. <i>American Journal of Cardiology</i> , 1997, 80, 690-695.	1.6	41

#	ARTICLE	IF	CITATIONS
91	<i>T₂</i> -weighted MRI of post-infarct myocardial edema in mice. <i>Magnetic Resonance in Medicine</i> , 2012, 67, 201-209.	3.0	41
92	Role of Imaging Techniques for Diagnosis, Prognosis and Management of Heart Failure Patients: Cardiac Magnetic Resonance. <i>Current Heart Failure Reports</i> , 2015, 12, 276-283.	3.3	41
93	Recent advances in magnetic resonance imaging for peripheral artery disease. <i>Vascular Medicine</i> , 2018, 23, 143-152.	1.5	41
94	Role of Cardiac MR Imaging in Cardiomyopathies. <i>Journal of Nuclear Medicine</i> , 2015, 56, 39S-45S.	5.0	40
95	Plaque Composition in the Proximal Superficial Femoral Artery and Peripheral Artery Disease Events. <i>JACC: Cardiovascular Imaging</i> , 2017, 10, 1003-1012.	5.3	40
96	Gadobutrol-Enhanced Cardiac Magnetic Resonance Imaging for Detection of Coronary Artery Disease. <i>Journal of the American College of Cardiology</i> , 2020, 76, 1536-1547.	2.8	38
97	Reverse remodeling and improved regional function after repair of left ventricular aneurysm. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2002, 123, 700-706.	0.8	37
98	MRI of atherosclerosis: diagnosis and monitoring therapy. <i>Expert Review of Cardiovascular Therapy</i> , 2007, 5, 69-80.	1.5	36
99	MR Cine DENSE Dyssynchrony Parameters for the Evaluation of Heart Failure. <i>JACC: Cardiovascular Imaging</i> , 2012, 5, 789-797.	5.3	36
100	Magnetic resonance tagging and echocardiographic response to dobutamine and functional improvement after reperfused myocardial infarction. <i>American Heart Journal</i> , 2002, 143, 1046-1051.	2.7	35
101	Myocardial Perfusion: Near-automated Evaluation from Contrast-enhanced MR Images Obtained at Rest and during Vasodilator Stress. <i>Radiology</i> , 2012, 265, 576-583.	7.3	35
102	Interaction between AT ₁ and AT ₂ receptors during postinfarction left ventricular remodeling. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2006, 290, H1004-H1010.	3.2	34
103	Arterial spin labeling perfusion cardiovascular magnetic resonance of the calf in peripheral arterial disease: cuff occlusion hyperemia vs exercise. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2015, 17, 23.	3.3	34
104	Robust free-breathing SASHA T1 mapping with high-contrast image registration. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 18, 47.	3.3	34
105	INTEGRATED APPROACH TO ISCHEMIC HEART DISEASE. <i>Cardiology Clinics</i> , 1998, 16, 267-276.	2.2	33
106	2013 Appropriate Utilization of Cardiovascular Imaging. <i>Journal of the American College of Cardiology</i> , 2013, 61, 2199-2206.	2.8	32
107	Anthracycline- and trastuzumab-induced cardiotoxicity: a retrospective study. <i>Medical Oncology</i> , 2016, 33, 82.	2.5	32
108	ACC/AATS/AHA/ASE/ASNC/HRS/SCAI/SCCT/SCMR/STS 2019 Appropriate Use Criteria for Multimodality Imaging in the Assessment of Cardiac Structure and Function in Nonvalvular Heart Disease. <i>Journal of the American Society of Echocardiography</i> , 2019, 32, 553-579.	2.8	32

#	ARTICLE	IF	CITATIONS
109	The Angiotensin II Type 2 Receptor and Improved Adjacent Region Function Post-MI. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2005, 7, 459-464.	3.3	31
110	Superficial Femoral Artery Plaque, the Ankle-Brachial Index, and Leg Symptoms in Peripheral Arterial Disease. <i>Circulation: Cardiovascular Imaging</i> , 2011, 4, 246-252.	2.6	31
111	Displacement-encoded and manganese-enhanced cardiac MRI reveal that nNOS, not eNOS, plays a dominant role in modulating contraction and calcium influx in the mammalian heart. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2012, 302, H412-H419.	3.2	31
112	Cardiac MRI assessment of myocardial perfusion. <i>Future Cardiology</i> , 2014, 10, 349-358.	1.2	31
113	A randomized, placebo-controlled trial of canakinumab in patients with peripheral artery disease. <i>Vascular Medicine</i> , 2019, 24, 414-421.	1.5	31
114	Frequency of Coronary Microvascular Dysfunction and Diffuse Myocardial Fibrosis (Measured by) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5 Ejection Fraction. <i>American Journal of Cardiology</i> , 2019, 124, 1584-1589.	1.6	31
115	Reevaluation of the South Asian <i>MYBPC3</i> ^{25bp} Intronic Deletion in Hypertrophic Cardiomyopathy. <i>Circulation Genomic and Precision Medicine</i> , 2020, 13, e002783.	3.6	31
116	Imaging left ventricular mechanical activation in heart failure patients using cine DENSE MRI: Validation and implications for cardiac resynchronization therapy. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 46, 887-896.	3.4	30
117	Optimization of spiral-based pulse sequences for first-pass myocardial perfusion imaging. <i>Magnetic Resonance in Medicine</i> , 2011, 65, 1602-1610.	3.0	29
118	Whole-heart spiral simultaneous multi-slice first-pass myocardial perfusion imaging. <i>Magnetic Resonance in Medicine</i> , 2019, 81, 852-862.	3.0	29
119	Multimodality Imaging in Hypertrophic Cardiomyopathy for Risk Stratification. <i>Circulation: Cardiovascular Imaging</i> , 2020, 13, e009026.	2.6	29
120	Superficial Femoral Artery Plaque and Functional Performance in Peripheral Arterial Disease. <i>JACC: Cardiovascular Imaging</i> , 2011, 4, 730-739.	5.3	28
121	ACC/AATS/AHA/ASE/ASNC/HRS/SCAI/SCCT/SCMR/STS 2017 Appropriate Use Criteria for Multimodality Imaging in Valvular Heart Disease. <i>Journal of the American Society of Echocardiography</i> , 2018, 31, 381-404.	2.8	28
122	Magnetic resonance imaging to identify the high-risk plaque. <i>American Journal of Cardiology</i> , 2002, 90, L15-L17.	1.6	27
123	Low-Density Lipoprotein Lowering Does Not Improve Calf Muscle Perfusion, Energetics, or Exercise Performance in Peripheral Arterial Disease. <i>Journal of the American College of Cardiology</i> , 2011, 58, 1068-1076.	2.8	27
124	A Nonpeptide Angiotensin II Type 2 Receptor Agonist Does Not Attenuate Postmyocardial Infarction Left Ventricular Remodeling in Mice. <i>Journal of Cardiovascular Pharmacology</i> , 2012, 59, 363-368.	1.9	27
125	Reproducibility of rest and exercise stress contrast-enhanced calf perfusion magnetic resonance imaging in peripheral arterial disease. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2013, 15, 14.	3.3	26
126	ACCF/ACR/AIUM/ASE/IAC/SCAI/SCVS/SIR/SVM/SVS/SVU 2013 Appropriate Use Criteria for Peripheral Vascular Ultrasound and Physiological Testing Part II: Testing for Venous Disease and Evaluation of Hemodialysis Access. <i>Journal of the American College of Cardiology</i> , 2013, 62, 649-665.	2.8	26

#	ARTICLE	IF	CITATIONS
127	T1 Mapping by CMR in Cardiomyopathy: A Noninvasive Myocardial Biopsy?. <i>JACC: Cardiovascular Imaging</i> , 2013, 6, 532-534.	5.3	26
128	High-risk plaque in the superficial femoral artery of people with peripheral artery disease: Prevalence and associated clinical characteristics. <i>Atherosclerosis</i> , 2014, 237, 169-176.	0.8	26
129	Improved first-pass spiral myocardial perfusion imaging with variable density trajectories. <i>Magnetic Resonance in Medicine</i> , 2013, 70, 1369-1379.	3.0	25
130	Cardiovascular magnetic resonance: Structure, function, perfusion, and viability. <i>Journal of Nuclear Cardiology</i> , 2005, 12, 324-336.	2.1	24
131	Singular Value Decomposition Applied to Cardiac Strain from MR Imaging for Selection of Optimal Cardiac Resynchronization Therapy Candidates. <i>Radiology</i> , 2015, 275, 413-420.	7.3	24
132	Cardiovascular magnetic resonance detects the progression of impaired myocardial perfusion reserve and increased left-ventricular mass in mice fed a high-fat diet. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 18, 53.	3.3	23
133	The prognostic significance of microvascular obstruction after myocardial infarction as defined by cardiovascular magnetic resonance. <i>European Heart Journal</i> , 2005, 26, 532-533.	2.2	22
134	Evaluation of the microcirculation: Advances in cardiac magnetic resonance perfusion imaging. <i>Journal of Nuclear Cardiology</i> , 2008, 15, 698-708.	2.1	22
135	Non-Cartesian balanced steady-state free precession pulse sequences for real-time cardiac MRI. <i>Magnetic Resonance in Medicine</i> , 2016, 75, 1546-1555.	3.0	22
136	Recent Advances in Imaging of Hypertensive Heart Disease. <i>Current Hypertension Reports</i> , 2019, 21, 3.	3.5	22
137	Percutaneous intervention in peripheral artery disease improves calf muscle phosphocreatine recovery kinetics: A pilot study. <i>Vascular Medicine</i> , 2012, 17, 3-9.	1.5	21
138	COCATS 4 Task Force 8: Training in Cardiovascular Magnetic Resonance Imaging. <i>Journal of the American College of Cardiology</i> , 2015, 65, 1822-1831.	2.8	21
139	Quality assurance of quantitative cardiac T1-mapping in multicenter clinical trials – A T1 phantom program from the hypertrophic cardiomyopathy registry (HCMR) study. <i>International Journal of Cardiology</i> , 2021, 330, 251-258.	1.7	21
140	Hypereosinophilic Syndrome and Restrictive Cardiomyopathy Due to Apical Thrombi. <i>Circulation</i> , 2001, 104, E3-4.	1.6	20
141	MRI in Lower Extremity Peripheral Arterial Disease: Recent Advancements. <i>Current Cardiovascular Imaging Reports</i> , 2013, 6, 55-60.	0.6	20
142	Non-invasive assessment of low- and intermediate-risk patients with chest pain. <i>Trends in Cardiovascular Medicine</i> , 2017, 27, 182-189.	4.9	20
143	CMR DENSE and the Seattle Heart Failure Model Inform Survival and Arrhythmia Risk After CRT. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 924-936.	5.3	20
144	Adenosine Stress Cardiovascular Magnetic Resonance With Variable-Density Spiral Pulse Sequences Accurately Detects Coronary Artery Disease. <i>Circulation: Cardiovascular Imaging</i> , 2014, 7, 639-646.	2.6	19

#	ARTICLE	IF	CITATIONS
145	Global Longitudinal Shortening. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 1566-1567.	5.3	19
146	Comparison of the Effects of Ezetimibe-Statin Combination Therapy on Major Adverse Cardiovascular Events in Patients with and without Diabetes: A Meta-Analysis. <i>Endocrinology and Metabolism</i> , 2018, 33, 219.	3.0	18
147	Late gadolinium-enhanced cardiac magnetic resonance. <i>Current Cardiology Reports</i> , 2008, 10, 72-78.	2.9	17
148	Usefulness of Cardiovascular Magnetic Resonance Imaging of the Superficial Femoral Artery for Screening Patients With Diabetes Mellitus for Atherosclerosis. <i>American Journal of Cardiology</i> , 2012, 110, 50-56.	1.6	17
149	The Potential of Clinical Phenotyping of Heart Failure With Imaging Biomarkers for Guiding Therapies. <i>JACC: Cardiovascular Imaging</i> , 2017, 10, 1056-1071.	5.3	17
150	Peripheral Arterial Disease Assessment. <i>Topics in Magnetic Resonance Imaging</i> , 2007, 18, 357-369.	1.2	16
151	MR imaging of atherosclerotic plaque. <i>Radiologic Clinics of North America</i> , 2002, 40, 887-898.	1.8	15
152	Interaction between bradykinin subtype 2 and angiotensin II type 2 receptors during post-MI left ventricular remodeling. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007, 293, H3372-H3378.	3.2	15
153	2013 Appropriate Utilization of Cardiovascular Imaging. <i>Journal of the American College of Radiology</i> , 2013, 10, 456-463.	1.8	15
154	Extracellular volume by cardiac magnetic resonance is associated with biomarkers of inflammation in hypertensive heart disease. <i>Journal of Hypertension</i> , 2019, 37, 65-72.	0.5	15
155	Cardiovascular Imaging for Ischemic Heart Disease in Women. <i>JACC: Cardiovascular Imaging</i> , 2022, 15, 1488-1501.	5.3	15
156	Electromechanical Mapping Identifies Improvement in Function and Retention of Contractile Reserve After Revascularization in Ischemic Cardiomyopathy. <i>Circulation</i> , 2004, 110, 2410-2416.	1.6	14
157	Advances in cardiovascular MRI for diagnostics: applications in coronary artery disease and cardiomyopathies. <i>Expert Opinion on Medical Diagnostics</i> , 2009, 3, 673-687.	1.6	14
158	Cardiovascular Magnetic Resonance. <i>Cardiology in Review</i> , 2011, 19, 246-254.	1.4	14
159	Coronary Computed Tomography Angiography Demonstrates a High Burden of Coronary Artery Disease Despite Low-Risk Nuclear Studies in Pre-Liver Transplant Evaluation. <i>Liver Transplantation</i> , 2020, 26, 1398-1408.	2.4	14
160	Cardiac Magnetic Resonance Assessment of Response to Cardiac Resynchronization Therapy and Programming Strategies. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 2369-2383.	5.3	14
161	Potential for Rapid and Cost-Effective Cardiac Magnetic Resonance in the Developing (and Developed) World. <i>Journal of the American Heart Association</i> , 2018, 7, e010435.	3.7	13
162	Predictors of Major Atrial Fibrillation Endpoints in the National Heart, Lung, and Blood Institute HCMR. <i>JACC: Clinical Electrophysiology</i> , 2021, 7, 1376-1386.	3.2	13

#	ARTICLE	IF	CITATIONS
163	Society for Cardiovascular Magnetic Resonance (SCMR) guidelines for reporting cardiovascular magnetic resonance examinations. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2022, 24, 29.	3.3	13
164	CV Imaging: What Was New in 2012?. <i>JACC: Cardiovascular Imaging</i> , 2013, 6, 714-734.	5.3	12
165	Magnetic resonance imaging diagnosis of an aortocoronary saphenous vein graft aneurysm. <i>CardioVascular and Interventional Radiology</i> , 1995, 18, 330-2.	2.0	11
166	Adding angiotensin II type 1 receptor blockade to angiotensin-converting enzyme inhibition limits myocyte remodeling after myocardial infarction. <i>Journal of Cardiac Failure</i> , 2003, 9, 238-245.	1.7	10
167	Skeletal Muscle Perfusion in Peripheral Arterial Disease. <i>JACC: Cardiovascular Imaging</i> , 2008, 1, 351-353.	5.3	10
168	ACC/AATS/AHA/ASE/ASNC/SCAI/SCCT/STS 2017 appropriate use criteria for coronary revascularization in patients with stable ischemic heart disease. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 157, e131-e161.	0.8	10
169	MRI for the diagnosis of myocardial ischemia and viability. <i>Current Opinion in Cardiology</i> , 2003, 18, 351-356.	1.8	9
170	All High-Risk Patients Should Not Be Screened With Computed Tomographic Angiography. <i>Circulation</i> , 2008, 117, 1333-1339.	1.6	9
171	LDL lowering in peripheral arterial disease: are there benefits beyond reducing cardiovascular morbidity and mortality?. <i>Clinical Lipidology</i> , 2012, 7, 141-149.	0.4	9
172	Multiparametric CMR imaging of infarct remodeling in a percutaneous reperfused Yucatan mini-pig model. <i>NMR in Biomedicine</i> , 2017, 30, e3693.	2.8	9
173	The Challenges of Diagnosing Cardiac Sarcoidosis. <i>JACC: Cardiovascular Imaging</i> , 2017, 10, 1534-1536.	5.3	9
174	High spatial resolution spiral first-pass myocardial perfusion imaging with whole-heart coverage at 3 T. <i>Magnetic Resonance in Medicine</i> , 2021, 86, 648-662.	3.0	9
175	Wall-Motion Based Analysis of Global and Regional Left Atrial Mechanics. <i>IEEE Transactions on Medical Imaging</i> , 2013, 32, 1765-1776.	8.9	8
176	DEep learning-based rapid Spiral Image REconstruction (DESIRE) for high-resolution spiral first-pass myocardial perfusion imaging. <i>NMR in Biomedicine</i> , 2022, 35, e4661.	2.8	8
177	Insights into Myocardial Microstructure During Infarct Healing and Remodeling. <i>Circulation: Cardiovascular Imaging</i> , 2009, 2, 4-5.	2.6	7
178	The Year in Coronary Artery Disease. <i>JACC: Cardiovascular Imaging</i> , 2010, 3, 1065-1077.	5.3	7
179	Vulnerable Plaque in Carotid Arteries Without Significant Stenosis. <i>Journal of the American College of Cardiology</i> , 2020, 76, 2223-2225.	2.8	7
180	MR Imaging-Verified Plaque Delipidation With Lipid-Lowering Therapy. <i>JACC: Cardiovascular Imaging</i> , 2011, 4, 987-989.	5.3	6

#	ARTICLE	IF	CITATIONS
181	Postprocedure Mapping of Cardiac Resynchronization Lead Position Using Standard Fluoroscopy Systems: Implications for the Nonresponder with Scar. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2014, 37, 757-767.	1.2	6
182	Reduced field of view single-shot spiral perfusion imaging. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 208-216.	3.0	6
183	ACC/AATS/AHA/ASE/ASNC/HRS/SCAI/SCCT/SCMR/STS 2019 appropriate use criteria for multimodality imaging in the assessment of cardiac structure and function in nonvalvular heart disease. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 157, e153-e182.	0.8	6
184	Comprehensive cardiac magnetic resonance imaging. <i>Journal of Invasive Cardiology</i> , 2009, 21, 339-45.	0.4	6
185	Machine learning for multidimensional response and survival after cardiac resynchronization therapy using features from cardiac magnetic resonance. <i>Heart Rhythm O2</i> , 2022, 3, 542-552.	1.7	6
186	̢-Blockade improves adjacent regional sympathetic innervation during postinfarction remodeling. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 1999, 277, H1429-H1434.	3.2	5
187	Novel Magnetic Resonance Imaging End Points for Physiologic Studies in Peripheral Arterial Disease. <i>Circulation: Cardiovascular Imaging</i> , 2015, 8, .	2.6	5
188	The Tissue Issue. <i>JACC: Cardiovascular Imaging</i> , 2016, 9, 88-90.	5.3	5
189	Further Refining Risk in Hypertrophic Cardiomyopathy With Late Gadolinium Enhancement by CMR. <i>Journal of the American College of Cardiology</i> , 2018, 72, 871-873.	2.8	5
190	Noninvasive Imaging of the Heart and Coronary Arteries. <i>Surgical Clinics of North America</i> , 2009, 89, 763-780.	1.5	4
191	Diffusion-prepared dark blood delayed enhancement imaging for improved detection of subendocardial infarcts. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	3.3	4
192	Advances in stress cardiac MRI and computed tomography. <i>Future Cardiology</i> , 2013, 9, 681-695.	1.2	4
193	Viability is in the Eye of the Beholder. <i>JACC: Cardiovascular Imaging</i> , 2012, 5, 574-575.	5.3	3
194	The case for CMR. <i>Journal of Nuclear Cardiology</i> , 2015, 22, 968-970.	2.1	3
195	Quantitative Myocardial Perfusion CMR. <i>JACC: Cardiovascular Imaging</i> , 2018, 11, 784-786.	5.3	3
196	Contemporary Issues in Quantitative Myocardial Perfusion CMR Imaging. <i>Current Cardiovascular Imaging Reports</i> , 2019, 12, 1.	0.6	3
197	CMR Parametric Mapping in Immune Checkpoint Inhibitor Myocarditis. <i>Journal of the American College of Cardiology</i> , 2021, 77, 1517-1519.	2.8	3
198	Oxygenation and Flow in the Limbs: Novel Methods to Characterize Peripheral Artery Disease. <i>Current Cardiovascular Imaging Reports</i> , 2013, 6, 150-157.	0.6	2

#	ARTICLE	IF	CITATIONS
199	Myocardial Extracellular Volume. <i>Journal of the American College of Cardiology</i> , 2016, 67, 1826-1828.	2.8	2
200	Multiparametric CMR in Cardiomyopathies. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 1712-1714.	5.3	2
201	Diagnostic Accuracy of Spiral Whole-Heart Quantitative Adenosine Stress Cardiovascular Magnetic Resonance With Motion Compensated L1-SPiRiT. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 54, 1268-1279.	3.4	2
202	2141 A novel approach for screening atherosclerosis in diabetes: MRI of the superficial femoral artery. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2008, 10, .	3.3	1
203	Navigator-gated 3D cine DENSE: development and initial evaluation. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	3.3	1
204	Cine DENSE MRI for circumferential and radial dyssynchrony in patients referred for cardiac resynchronization therapy. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	3.3	1
205	Comprehensive assessment of myocardial strain in post-infarct mice using 3D Cine DENSE. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	3.3	1
206	Molecular imaging of atherosclerotic plaque targeted to oxidized LDL receptor LOX-1 using magnetic resonance. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	3.3	1
207	Initiation of statin therapy halts progression of atherosclerotic plaque burden in peripheral arterial disease. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	3.3	1
208	The Microvasculature After Reperfused Myocardial Infarction: To Examine or Not to Examine?. <i>Journal of the American Heart Association</i> , 2012, 1, e003392.	3.7	1
209	CMR-Based Quantitative Myocardial Perfusion. <i>JACC: Cardiovascular Imaging</i> , 2012, 5, 237-238.	5.3	1
210	Is It Time for Tissue Characterization in Myocarditis?. <i>JACC: Cardiovascular Imaging</i> , 2015, 8, 115-117.	5.3	1
211	Multimodality Imaging for Hypertrophic Cardiomyopathy. <i>Current Treatment Options in Cardiovascular Medicine</i> , 2020, 22, 1.	0.9	1
212	Plaque Characteristics in the Superficial Femoral Artery Correlate with Walking Impairment Questionnaire Scores in Peripheral Arterial Disease: The Walking and Leg Circulation Study (WALCS) III. <i>Journal of Surgical Radiology</i> , 2012, 3, 148-157.	0.1	1
213	Defibrillator or No Defibrillator With CRT. <i>Journal of the American College of Cardiology</i> , 2022, 79, 679-681.	2.8	1
214	Multimodal Imaging of Myocardial Infarction in Mice. <i>Conference Record of the Asilomar Conference on Signals, Systems and Computers</i> , 2007, , .	0.0	0
215	Does lipid lowering therapy improve calf muscle perfusion and cellular metabolism in peripheral arterial disease?. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	3.3	0
216	T2-imaging of area-at-risk predicts recovery of cardiac function in a canine model of acute myocardial infarction. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	3.3	0

#	ARTICLE	IF	CITATIONS
217	Does a selective non-peptide angiotensin II type 2 receptor agonist reduce post-infarction left ventricular remodeling?. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	3.3	0
218	Reply. JACC: Cardiovascular Imaging, 2015, 8, 749.	5.3	0
219	Cine DENSE MRI of mechanical activation in heart failure patients referred for cardiac resynchronization therapy. Journal of Cardiovascular Magnetic Resonance, 2016, 18, P215.	3.3	0
220	T1 Mapping in Cardiac Hypertrophy. , 2018, , 15-25.		0
221	Acute Myocardial Infarction and Postinfarction Remodeling. Contemporary Cardiology, 2019, , 161-174.	0.1	0
222	Strain Measures Predict Outcome after ST-Segmentâ€Elevation Myocardial Infarction: Now What?. Radiology, 2019, 290, 338-339.	7.3	0
223	Reply. Journal of the American College of Cardiology, 2020, 75, 1242-1243.	2.8	0
224	Predicting the Future From Scars of the Past. JACC: Cardiovascular Imaging, 2021, 14, 959-961.	5.3	0
225	Stress Cardiac Magnetic Resonance, Revascularization, and All-Cause Mortality: Do We Have a Final Answer?. Circulation: Cardiovascular Imaging, 2021, 14, e013512.	2.6	0
226	Acute Myocardial Infarction and Postinfarct Remodeling. , 2008, , 287-303.		0
227	Noninvasive Cardiac Imaging. , 2012, , 284-289.		0
228	Guidelines for Cardiovascular Magnetic Resonance. , 2019, , 582-584.e1.		0
229	Magnetic Resonance Measures of Calf Muscle Physiology in PAD. , 2020, , 165-174.		0
230	Advanced Peripheral Artery Vessel Wall Imaging and Future Directions. , 2020, , 159-169.		0
231	Chronic Myocardial Iron After Myocardialâ€Infarction. JACC: Cardiovascular Imaging, 2022, , .	5.3	0