

# Amit R Patel

## List of Publications by Year in descending order

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145  
papers

5,662  
citations

94433

37  
h-index

85541

71  
g-index

147  
all docs

147  
docs citations

147  
times ranked

6177  
citing authors

#	ARTICLE	IF	CITATIONS
1	Utility of transillumination and transparency renderings in 3D transthoracic imaging. International Journal of Cardiovascular Imaging, 2022, 38, 141-147.	1.5	2
2	Prognostic Value of Stress Cardiac Magnetic Resonance in Patients With Known Coronary Artery Disease. JACC: Cardiovascular Imaging, 2022, 15, 60-71.	5.3	10
3	Diagnosing Endocarditis: Get the Picture?!. Journal of Cardiothoracic and Vascular Anesthesia, 2022, 36, 358-361.	1.3	0
4	AI Based CMR Assessment of Biventricular Function. JACC: Cardiovascular Imaging, 2022, 15, 413-427.	5.3	18
5	Comparison of machine learning and deep learning for view identification from cardiac magnetic resonance images. Clinical Imaging, 2022, 82, 121-126.	1.5	10
6	Can echocardiographic assessment of diastolic function be automated?. International Journal of Cardiovascular Imaging, 2022, 38, 965-974.	1.5	3
7	TAVR: We need the RIGHT focus. Journal of Cardiovascular Computed Tomography, 2022, 16, 166-167.	1.3	0
8	30-minute CMR for common clinical indications:ÂÂSociety for Cardiovascular Magnetic Resonance white paper. Journal of Cardiovascular Magnetic Resonance, 2022, 24, 13.	3.3	21
9	Synthetic Extracellular Volume in Cardiac Magnetic Resonance Without Blood Sampling: a Reliable Tool to Replace Conventional Extracellular Volume. Circulation: Cardiovascular Imaging, 2022, 15, 101161CIRCIMAGING121013745.	2.6	10
10	Assessment of right ventricular size and function from cardiovascular magnetic resonance images using artificial intelligence. Journal of Cardiovascular Magnetic Resonance, 2022, 24, 27.	3.3	11
11	Relation of Myocardial Perfusion Reserve and Left Ventricular Ejection Fraction in Ischemic and Nonischemic Cardiomyopathy. American Journal of Cardiology, 2022, 174, 143-150.	1.6	2
12	Impact of Wideband Late Gadolinium Enhancement Cardiac Magnetic Resonance Imaging on Device-Related Artifacts in Different Implantable <scp>Cardioverter-Defibrillator</scp> Types. Journal of Magnetic Resonance Imaging, 2021, 54, 1257-1265.	3.4	8
13	Left and right ventricular strain using fast strain-encoded cardiovascular magnetic resonance for the diagnostic classification of patients with chronic non-ischemic heart failure due to dilated, hypertrophic cardiomyopathy or cardiac amyloidosis. Journal of Cardiovascular Magnetic Resonance, 2021, 23, 45.	3.3	18
14	Cardiac Magnetic Resonance Predicting Outcomes Among Patients at Risk for Cardiac AL Amyloidosis. Frontiers in Cardiovascular Medicine, 2021, 8, 626414.	2.4	8
15	Ring-like late gadolinium enhancement for predicting ventricular tachyarrhythmias in non-ischaemic dilated cardiomyopathy. European Heart Journal Cardiovascular Imaging, 2021, 22, 1130-1138.	1.2	21
16	Fast Strain-Encoded Cardiac Magnetic Resonance for Diagnostic Classification and Risk Stratification of Heart Failure Patients. JACC: Cardiovascular Imaging, 2021, 14, 1177-1188.	5.3	37
17	Multi-parametric assessment of left ventricular hypertrophy using late gadolinium enhancement, T1 mapping and strain-encoded cardiovascular magnetic resonance. Journal of Cardiovascular Magnetic Resonance, 2021, 23, 92.	3.3	26
18	Comparison of clinical and echocardiographic features of first and second waves of COVID-19 at a large, tertiary medical center serving a predominantly African American patient population. International Journal of Cardiovascular Imaging, 2021, 37, 3181-3190.	1.5	5

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19	Valsartan in early-stage hypertrophic cardiomyopathy: a randomized phase 2 trial. <i>Nature Medicine</i> , 2021, 27, 1818-1824.	30.7	51
20	Stress CMR in patients with obesity: insights from the Stress CMR Perfusion Imaging in the United States (SPINS) registry. <i>European Heart Journal Cardiovascular Imaging</i> , 2021, 22, 518-527.	1.2	16
21	Stress Cardiac Magnetic Resonance Myocardial Perfusion Imaging. <i>Journal of the American College of Cardiology</i> , 2021, 78, 1655-1668.	2.8	57
22	Clinical Impact of Cardiovascular Magnetic Resonance in Cancer Patients With Suspected Cardiomyopathy. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 734820.	2.4	2
23	SCMR level II/independent practitioner training guidelines for cardiovascular magnetic resonance: integration of a virtual training environment. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2021, 23, 139.	3.3	5
24	Rare Variant of Shone Complex. <i>Circulation: Cardiovascular Imaging</i> , 2021, 14, e012317.	2.6	0
25	The role of computed tomography myocardial perfusion imaging in clinical practice. <i>Journal of Cardiovascular Computed Tomography</i> , 2020, 14, 185-194.	1.3	10
26	Quantitative detection of changes in regional wall motion using real time strain-encoded cardiovascular magnetic resonance. <i>Magnetic Resonance Imaging</i> , 2020, 66, 193-198.	1.8	2
27	Myocardial Tissue Characterization With CMR for the Definitive Diagnosis of Infiltrative Cardiomyopathies. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 156-162.	5.3	2
28	Contrast-enhanced echocardiographic measurement of longitudinal strain: accuracy and its relationship with image quality. <i>International Journal of Cardiovascular Imaging</i> , 2020, 36, 431-439.	1.5	5
29	Cardiac Magnetic Resonance in Patients With Cardiac Implantable Electronic Devices. <i>Journal of Thoracic Imaging</i> , 2020, 35, W1-W17.	1.5	8
30	Society of cardiovascular computed tomography expert consensus document on myocardial computed tomography perfusion imaging. <i>Journal of Cardiovascular Computed Tomography</i> , 2020, 14, 87-100.	1.3	49
31	Machine learning based quantification of ejection and filling parameters by fully automated dynamic measurement of left ventricular volumes from cardiac magnetic resonance images. <i>Magnetic Resonance Imaging</i> , 2020, 67, 28-32.	1.8	10
32	Imaging of Clinically Unrecognized Myocardial Fibrosis in Patients With Suspected Coronary Artery Disease. <i>Journal of the American College of Cardiology</i> , 2020, 76, 945-957.	2.8	36
33	Prognostic Value of Stress CMR Perfusion Imaging in Patients With Reduced Left Ventricular Function. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 2132-2145.	5.3	17
34	Myocardial strain analysis of the right ventricle: comparison of different cardiovascular magnetic resonance and echocardiographic techniques. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2020, 22, 51.	3.3	23
35	Evaluation of Stress Cardiac Magnetic Resonance Imaging in Risk Reclassification of Patients With Suspected Coronary Artery Disease. <i>JAMA Cardiology</i> , 2020, 5, 1401.	6.1	23
36	Massive Myocardial Calcium Deposition. <i>JACC: Case Reports</i> , 2020, 2, 996-1003.	0.6	2

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37	Regional myocardial strain by cardiac magnetic resonance feature tracking for detection of scar in ischemic heart disease. <i>Magnetic Resonance Imaging</i> , 2020, 68, 190-196.	1.8	19
38	Cardiac Sarcoidosis. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 1406-1408.	5.3	4
39	Cost-Effectiveness Analysis of Stress Cardiovascular Magnetic Resonance Imaging for Stable Chest Pain Syndromes. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 1505-1517.	5.3	58
40	Echocardiography and cardiovascular magnetic resonance based evaluation of myocardial strain and relationship with late gadolinium enhancement. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2019, 21, 46.	3.3	54
41	Cardiac Magnetic Resonance Stress Perfusion Imaging for Evaluation of Patients With Chest Pain. <i>Journal of the American College of Cardiology</i> , 2019, 74, 1741-1755.	2.8	177
42	Automated, machine learning-based, 3D echocardiographic quantification of left ventricular mass. <i>Echocardiography</i> , 2019, 36, 312-319.	0.9	37
43	Machine Learning-Based Three-Dimensional Echocardiographic Quantification of Right Ventricular Size and Function: Validation Against Cardiac Magnetic Resonance. <i>Journal of the American Society of Echocardiography</i> , 2019, 32, 969-977.	2.8	76
44	Cardiac Sarcoidosis: A Picture May Be Worth a Thousand Words, But Do We Need More?. <i>Journal of the American Heart Association</i> , 2019, 8, e012715.	3.7	8
45	Hemodynamic impact of coronary stenosis using computed tomography: comparison between noninvasive fractional flow reserve and 3D fusion of coronary angiography with stress myocardial perfusion. <i>International Journal of Cardiovascular Imaging</i> , 2019, 35, 1733-1743.	1.5	4
46	Improved visualization of the coronary arteries using motion correction during vasodilator stress CT myocardial perfusion imaging. <i>European Journal of Radiology</i> , 2019, 114, 1-5.	2.6	4
47	Strain-encoded magnetic resonance: a method for the assessment of myocardial deformation. <i>ESC Heart Failure</i> , 2019, 6, 584-602.	3.1	51
48	Strain-encoded cardiac magnetic resonance imaging: a new approach for fast estimation of left ventricular function. <i>BMC Cardiovascular Disorders</i> , 2019, 19, 52.	1.7	24
49	Feasibility of Cardiac Magnetic Resonance Wideband Protocol in Patients With Implantable Cardioverter Defibrillators and Its Utility for Defining Scar. <i>American Journal of Cardiology</i> , 2019, 123, 1329-1335.	1.6	27
50	First Clinical Experience With 3-Dimensional Echocardiographic Transillumination Rendering. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 1868-1871.	5.3	35
51	Regression of Cardiac Amyloidosis Following Autologous Stem Cell Transplant in Patients With Atypical Magnetic Resonance Imaging Findings. <i>Revista Espanola De Cardiologia (English Ed )</i> , 2019, 72, 790-792.	0.6	0
52	A histopathologic schema to quantify the burden of cardiac amyloidosis: Relationship with survival and echocardiographic parameters. <i>Echocardiography</i> , 2019, 36, 285-291.	0.9	7
53	Machine learning based automated dynamic quantification of left heart chamber volumes. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 20, 541-549.	1.2	59
54	Consequences of Retained Defibrillator and Pacemaker Leads After Heart Transplantation—An Underrecognized Problem. <i>Journal of Cardiac Failure</i> , 2018, 24, 101-108.	1.7	12

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55	Feasibility of Left Ventricular Global Longitudinal Strain Measurements from Contrast-Enhanced Echocardiographic Images. <i>Journal of the American Society of Echocardiography</i> , 2018, 31, 297-303.	2.8	10
56	Fusion of Three-Dimensional Echocardiographic Regional Myocardial Strain with Cardiac Computed Tomography for Noninvasive Evaluation of the Hemodynamic Impact of Coronary Stenosis in Patients with Chest Pain. <i>Journal of the American Society of Echocardiography</i> , 2018, 31, 664-673.	2.8	22
57	2D and 3D Echocardiography-Derived Indices of Left Ventricular Function and Shape. <i>JACC: Cardiovascular Imaging</i> , 2018, 11, 1569-1579.	5.3	60
58	Reproducibility study on myocardial strain assessment using fast-SENCE cardiac magnetic resonance imaging. <i>Scientific Reports</i> , 2018, 8, 14100.	3.3	60
59	Noninvasive Assessment of Coronary Anatomy and its Hemodynamic Consequences During a Single Test. <i>JACC: Cardiovascular Imaging</i> , 2018, 11, 1622-1624.	5.3	0
60	Three-dimensional analysis of regional right ventricular shape and function in repaired tetralogy of Fallot using cardiovascular magnetic resonance. <i>Clinical Imaging</i> , 2018, 52, 106-112.	1.5	12
61	Myocardial perfusion reserve and global longitudinal strain as potential markers of coronary allograft vasculopathy in late-stage orthotopic heart transplantation. <i>International Journal of Cardiovascular Imaging</i> , 2018, 34, 1607-1617.	1.5	21
62	Using all-cause mortality to define severe RV dilation with RV/LV volume ratio. <i>Scientific Reports</i> , 2018, 8, 7200.	3.3	13
63	3D late gadolinium enhanced cardiovascular MR with CENTRA-PLUS profile/view ordering: Feasibility of right ventricular myocardial damage assessment using a swine animal model. <i>Magnetic Resonance Imaging</i> , 2017, 39, 7-14.	1.8	7
64	Association of circulating transcriptomic profiles with mortality in sickle cell disease. <i>Blood</i> , 2017, 129, 3009-3016.	1.4	22
65	Detection of Cardiac Sarcoidosis. <i>JACC: Cardiovascular Imaging</i> , 2017, 10, 1448-1450.	5.3	4
66	3D echocardiographic analysis of aortic annulus for transcatheter aortic valve replacement using novel aortic valve quantification software: Comparison with computed tomography. <i>Echocardiography</i> , 2017, 34, 690-699.	0.9	25
67	Multi-parametric quantification of tricuspid regurgitation using cardiovascular magnetic resonance: A comparison to echocardiography. <i>European Journal of Radiology</i> , 2017, 86, 213-220.	2.6	13
68	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
69	Quantification of Right Ventricular Size and Function from Contrast-Enhanced Three-Dimensional Echocardiographic Images. <i>Journal of the American Society of Echocardiography</i> , 2017, 30, 1193-1202.	2.8	25
70	Healthcare Policy Statement on the Utility of Coronary Computed Tomography for Evaluation of Cardiovascular Conditions and Preventive Healthcare: From the Health Policy Working Group of the Society of Cardiovascular Computed Tomography. <i>Journal of Cardiovascular Computed Tomography</i> , 2017, 11, 404-414.	1.3	4
71	Microvascular dysfunction and cardiac fibrosis in heart failure with preserved ejection fraction: a case report. <i>ESC Heart Failure</i> , 2017, 4, 645-648.	3.1	8
72	A fast, noniterative approach for accelerated high-temporal resolution cine-CMR using dynamically interleaved streak removal in the power-spectral encoded domain with low-pass filtering (DISPEL) and modulo-prime spokes (MoPS). <i>Medical Physics</i> , 2017, 44, 3450-3463.	3.0	4

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73	The extracellular matrix patch implanted in the right ventricle evaluated with cardiovascular magnetic resonance protocol to assess regional physio-mechanical properties. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2017, 24, 82-89.	1.1	2
74	A novel profile/view ordering with a non-convex star shutter for high-resolution 3D volumetric T1 mapping under multiple breath-holds. <i>Magnetic Resonance in Medicine</i> , 2017, 77, 2215-2224.	3.0	1
75	Prognostic Value of Myocardial Scarring on CMR in Patients With Cardiac Sarcoidosis. <i>JACC: Cardiovascular Imaging</i> , 2017, 10, 411-420.	5.3	185
76	Myocardial computed tomography perfusion. <i>Cardiovascular Diagnosis and Therapy</i> , 2017, 7, 452-462.	1.7	40
77	Diagnostic usefulness of myocardial perfusion imaging in patients reluctant to undergo angiography. <i>Research Reports in Clinical Cardiology</i> , 2016, , 35.	0.2	0
78	Genome-Wide Analysis Identifies IL-18 and FUCA2 as Novel Genes Associated with Diastolic Function in African Americans with Sickle Cell Disease. <i>PLoS ONE</i> , 2016, 11, e0163013.	2.5	11
79	Transthoracic 3D Echocardiographic Left Heart Chamber Quantification Using an Automated Adaptive Analytics Algorithm. <i>JACC: Cardiovascular Imaging</i> , 2016, 9, 769-782.	5.3	171
80	Cardiac MRI right ventricle / left ventricle (RV/LV) volume ratio improves detection of RV enlargement. <i>Journal of Magnetic Resonance Imaging</i> , 2016, 43, 1379-1385.	3.4	17
81	Heart Failure With Preserved Ejection Fraction. <i>Circulation: Cardiovascular Imaging</i> , 2016, 9, .	2.6	2
82	Cardiovascular magnetic resonance in rheumatology: Current status and recommendations for use. <i>International Journal of Cardiology</i> , 2016, 217, 135-148.	1.7	114
83	Improved detection of myocardial damage in sarcoidosis using longitudinal strain in patients with preserved left ventricular ejection fraction. <i>Echocardiography</i> , 2016, 33, 1344-1352.	0.9	53
84	Non-invasive assessment of the haemodynamic significance of coronary stenosis using fusion of cardiac computed tomography and 3D echocardiography. <i>European Heart Journal Cardiovascular Imaging</i> , 2016, 18, jew147.	1.2	19
85	Large high-density lipoprotein particle number is independently associated with microvascular function in patients with well-controlled low-density lipoprotein concentration: A vasodilator stress magnetic resonance perfusion study. <i>Journal of Clinical Lipidology</i> , 2016, 10, 314-322.	1.5	4
86	Update on Computed Tomography Myocardial Perfusion Imaging. <i>Current Cardiovascular Imaging Reports</i> , 2016, 9, 1.	0.6	4
87	Right Heart Involvement in Patients with Sarcoidosis. <i>Echocardiography</i> , 2016, 33, 734-741.	0.9	43
88	Objective selection of short-axis slices for automated quantification of left ventricular size and function by cardiovascular magnetic resonance. <i>Clinical Imaging</i> , 2016, 40, 617-623.	1.5	4
89	Role of Perfusion at Rest in the Diagnosis of Myocardial Infarction Using Vasodilator Stress Cardiovascular Magnetic Resonance. <i>American Journal of Cardiology</i> , 2016, 117, 1072-1077.	1.6	5
90	Prognosis of Myocardial Damage in Sarcoidosis Patients With Preserved Left Ventricular Ejection Fraction. <i>Circulation: Cardiovascular Imaging</i> , 2016, 9, e003738.	2.6	167

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91	Abnormalities in aortic properties: a potential link between left ventricular diastolic function and ventricular-aortic coupling in sickle cell disease. <i>International Journal of Cardiovascular Imaging</i> , 2016, 32, 965-973.	1.5	1
92	Three-dimensional quantification of myocardial perfusion during regadenoson stress computed tomography. <i>European Journal of Radiology</i> , 2016, 85, 885-892.	2.6	4
93	Monitoring Ionizing Radiation Exposure for Cardiotoxic Effects of Breast Cancer Treatment. <i>American Journal of Cardiology</i> , 2016, 117, 1678-1682.	1.6	1
94	Associations of Prolonged QTc in Sickle Cell Disease. <i>PLoS ONE</i> , 2016, 11, e0164526.	2.5	20
95	Left ventricular-aortic coupling in sickle cell disease underlies diastolic dysfunction. , 2015, , .		0
96	Novel Approach to Three-Dimensional Echocardiographic Quantification of Right Ventricular Volumes and Function from Focused Views. <i>Journal of the American Society of Echocardiography</i> , 2015, 28, 1222-1231.	2.8	96
97	Unroofed coronary sinus atrial septal defect: a multi-modality imaging approach:. <i>European Heart Journal Cardiovascular Imaging</i> , 2015, 16, 1263-1263.	1.2	0
98	In situ constructive myocardial remodeling of extracellular matrix patch enhanced with controlled growth factor release. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015, 150, 1280-1290.e2.	0.8	16
99	Beyond right ventricular size and function: the importance of evaluating the right ventricle's capacity for recovery. <i>Expert Review of Cardiovascular Therapy</i> , 2014, 12, 1269-1273.	1.5	2
100	Prediction of Prognosis in Pulmonary Hypertension Using CMR. <i>JACC: Cardiovascular Imaging</i> , 2014, 7, 1218-1220.	5.3	4
101	Sample Size and Cost Analysis for Pulmonary Arterial Hypertension Drug Trials Using Various Imaging Modalities to Assess Right Ventricular Size and Function End Points. <i>Circulation: Cardiovascular Imaging</i> , 2014, 7, 115-124.	2.6	40
102	Analysis of myocardial perfusion from vasodilator stress computed tomography: Does improvement in image quality by iterative reconstruction lead to improved diagnostic accuracy?. <i>Journal of Cardiovascular Computed Tomography</i> , 2014, 8, 238-245.	1.3	20
103	Age-Related Normal Range of Left Ventricular Strain and Torsion Using Three-Dimensional Speckle-Tracking Echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2014, 27, 55-64.	2.8	149
104	Impact of Implantable Transvenous Device Lead Location on Severity of Tricuspid Regurgitation. <i>Journal of the American Society of Echocardiography</i> , 2014, 27, 1164-1175.	2.8	44
105	Cardiac Sarcoidosis Detected by Late Gadolinium Enhancement and Prevalence of Atrial Arrhythmias. <i>American Journal of Cardiology</i> , 2014, 113, 1556-1560.	1.6	55
106	Mechanistic Insights and Characterization of Sickle Cell Disease-Associated Cardiomyopathy. <i>Circulation: Cardiovascular Imaging</i> , 2014, 7, 430-437.	2.6	47
107	HRS Expert Consensus Statement on the Diagnosis and Management of Arrhythmias Associated With Cardiac Sarcoidosis. <i>Heart Rhythm</i> , 2014, 11, 1304-1323.	0.7	1,077
108	QTc prolongation is associated with impaired right ventricular function and predicts mortality in pulmonary hypertension. <i>International Journal of Cardiology</i> , 2013, 167, 669-676.	1.7	77

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109	Assessing Cardiovascular Risk in Women. Journal of the American College of Cardiology, 2013, 62, 1877-1879.	2.8	0
110	Prognostic value of normal regadenoson stress perfusion cardiovascular magnetic resonance. Journal of Cardiovascular Magnetic Resonance, 2013, 15, 108.	3.3	23
111	Atrioventricular Heart Block and Syncope Coincident With Diagnosis of Systemic Lupus Erythematosus. Canadian Journal of Cardiology, 2013, 29, 1330.e5-1330.e7.	1.7	9
112	Three-Dimensional Modeling of the Right Ventricle from Two-Dimensional Transthoracic Echocardiographic Images: Utility of Knowledge-Based Reconstruction in Pulmonary Arterial Hypertension. Journal of the American Society of Echocardiography, 2013, 26, 860-867.	2.8	33
113	Myocardial Perfusion Imaging with Cardiac Computed Tomography: State of the Art. Journal of Cardiovascular Translational Research, 2013, 6, 695-707.	2.4	10
114	Aortic annulus measurements: should we use multislice computed tomography, 3D echocardiography or MRI?. Expert Review of Cardiovascular Therapy, 2013, 11, 1-3.	1.5	2
115	Postextrasystolic Potentiation in Low-Gradient, Severe Aortic Stenosis: A Poor Man's Stress Echo?. Echocardiography, 2013, 30, E148-E151.	0.9	4
116	The WHO Classification of Pulmonary Hypertension: A Case-Based Imaging Compendium. Pulmonary Circulation, 2012, 2, 107-121.	1.7	45
117	Accuracy of aortic annular measurements obtained from three-dimensional echocardiography, CT and MRI: human in vitro and in vivo studies. Heart, 2012, 98, 1146-1152.	2.9	84
118	A Novel Molecular Signature for Elevated Tricuspid Regurgitation Velocity in Sickle Cell Disease. American Journal of Respiratory and Critical Care Medicine, 2012, 186, 359-368.	5.6	39
119	Myocardial Perfusion: Near-automated Evaluation from Contrast-enhanced MR Images Obtained at Rest and during Vasodilator Stress. Radiology, 2012, 265, 576-583.	7.3	35
120	Quantitative Three-Dimensional Evaluation of Myocardial Perfusion During Regadenoson Stress Using Multidetector Computed Tomography. Journal of Computer Assisted Tomography, 2012, 36, 443-449.	0.9	16
121	Evaluation of Myocardial Deformation in Patients with Sickle Cell Disease and Preserved Ejection Fraction Using Three-Dimensional Speckle Tracking Echocardiography. Echocardiography, 2012, 29, 962-969.	0.9	33
122	Late gadolinium enhancement cardiovascular magnetic resonance predicts clinical worsening in patients with pulmonary hypertension. Journal of Cardiovascular Magnetic Resonance, 2012, 14, 14.	3.3	187
123	Considerations when measuring myocardial perfusion reserve by cardiovascular magnetic resonance using regadenoson. Journal of Cardiovascular Magnetic Resonance, 2012, 14, 89.	3.3	37
124	Are Trabeculae and Papillary Muscles an Integral Part of Cardiac Anatomy. JACC: Cardiovascular Imaging, 2012, 5, 1124-1126.	5.3	5
125	Regadenoson cardiovascular magnetic resonance myocardial perfusion imaging predicts need for future revascularization. Journal of Cardiovascular Magnetic Resonance, 2012, 14, .	3.3	2
126	Three-dimensional analysis of interventricular septal curvature from cardiac magnetic resonance images for the evaluation of patients with pulmonary hypertension. International Journal of Cardiovascular Imaging, 2012, 28, 1073-1085.	1.5	26



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127	Redefining the Role of Cardiovascular Imaging in Patients with Pulmonary Arterial Hypertension. <i>Current Cardiology Reports</i> , 2012, 14, 366-373.	2.9	8
128	Implantable Cardioverter Defibrillator Therapy in Patients with Cardiac Sarcoidosis. <i>Journal of Cardiovascular Electrophysiology</i> , 2012, 23, 925-929.	1.7	135
129	Detection of myocardial perfusion abnormalities using ultra-low radiation dose regadenoson stress multidetector computed tomography. <i>Journal of Cardiovascular Computed Tomography</i> , 2011, 5, 247-254.	1.3	35
130	Bilateral Synchronous Sporadic Renal Tumors: Pathologic Concordance and Clinical Implications. <i>Urology</i> , 2011, 78, 1095-1099.	1.0	28
131	Warm ischemia less than 30 minutes is not necessarily safe during partial nephrectomy: Every minute matters. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2011, 29, 826-828.	1.6	58
132	Myocardial damage in patients with sarcoidosis and preserved left ventricular systolic function: an observational study. <i>European Journal of Heart Failure</i> , 2011, 13, 1231-1237.	7.1	97
133	Cardiac Magnetic Resonance of Left Ventricular Trabeculation. <i>Circulation: Cardiovascular Imaging</i> , 2011, 4, 84-86.	2.6	4
134	Cor Pulmonale. , 2011, , 1355-1376.		0
135	Computerized method for evaluating diagnostic image quality of calcified plaque images in cardiac CT: Validation on a physical dynamic cardiac phantom. <i>Medical Physics</i> , 2010, 37, 5777-5786.	3.0	3
136	Diagnosis and Management of Pulmonary Hypertension in Systemic Sclerosis. <i>Current Rheumatology Reports</i> , 2010, 12, 8-18.	4.7	29
137	Dynamic Registration of Preablation Imaging With a Catheter Geometry to Guide Ablation in a Swine Model: Validation of Image Integration and Assessment of Catheter Navigation Accuracy. <i>Journal of Cardiovascular Electrophysiology</i> , 2010, 21, 81-87.	1.7	10
138	Molecular Imaging of Atherosclerotic Plaques Targeted to Oxidized LDL Receptor LOX-1 by SPECT/CT and Magnetic Resonance. <i>Circulation: Cardiovascular Imaging</i> , 2010, 3, 464-472.	2.6	110
139	Rapid Estimation of Left Ventricular Function Using Echocardiographic Speckle-Tracking of Mitral Annular Displacement. <i>Journal of the American Society of Echocardiography</i> , 2010, 23, 511-515.	2.8	50
140	Assessment of Advanced Coronary Artery Disease. <i>Journal of the American College of Cardiology</i> , 2010, 56, 561-569.	2.8	149
141	Relation of Left Atrial Volume from Three-Dimensional Computed Tomography to Atrial Fibrillation Recurrence Following Ablation. <i>American Journal of Cardiology</i> , 2009, 103, 989-993.	1.6	82
142	Real-time Rotational ICE Imaging of the Relationship of the Ablation Catheter Tip and the Esophagus During Atrial Fibrillation Ablation. <i>Journal of Cardiovascular Electrophysiology</i> , 2009, 20, 130-137.	1.7	34
143	Evaluation of the microcirculation: Advances in cardiac magnetic resonance perfusion imaging. <i>Journal of Nuclear Cardiology</i> , 2008, 15, 698-708.	2.1	22
144	Cardiac cycle-dependent left atrial dynamics: Implications for catheter ablation of atrial fibrillation. <i>Heart Rhythm</i> , 2008, 5, 787-793.	0.7	37

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145	Evaluating Chest Pain in Patients with Known CAD. , 0, , 96-110.		0