

# Jonathan W Weinsaft

## List of Publications by Year in descending order

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Version: 2024-02-01

148  
papers

5,928  
citations

117625

34  
h-index

79698

73  
g-index

148  
all docs

148  
docs citations

148  
times ranked

7002  
citing authors

#	ARTICLE	IF	CITATIONS
1	Beyond the Mitral Valve. JACC: Cardiovascular Imaging, 2022, 15, 237-239.	5.3	2
2	Acute COVID-19-Associated Decrements in Left and Right Ventricular Function Predict All-Cause Mortality. Journal of the American Society of Echocardiography, 2022, 35, 229-234.	2.8	5
3	Impact of ascending aortic prosthetic grafts on early postoperative descending aortic biomechanics on cardiac magnetic resonance imaging. European Journal of Cardio-thoracic Surgery, 2022, 61, 860-868.	1.4	4
4	Editorial for "Magnetic Resonance Assessment of Left Ventricular Ejection Fraction at Any Time Post-Infarction for Prediction of Subsequent Events in a Large Multicenter STEMI Registry". Journal of Magnetic Resonance Imaging, 2022, 56, 488-489.	3.4	0
5	Characterizing cardiac phenotype in Friedreich's ataxia: The CARFA study. Archives of Cardiovascular Diseases, 2022, 115, 17-28.	1.6	4
6	Myocardial Contractile Mechanics in Ischemic Mitral Regurgitation. JACC: Cardiovascular Imaging, 2022, , .	5.3	2
7	Cardiovascular Outcomes in Aortopathy. Journal of the American College of Cardiology, 2022, 79, 2069-2081.	2.8	12
8	Cardiovascular Magnetic Resonance Imaging for Assessment of Cardiac Thrombus. Methodist DeBakey Cardiovascular Journal, 2021, 9, 132.	1.0	30
9	Perfusion defects on dual-energy CTA in patients with suspected pulmonary embolism correlate with right heart strain and lower survival. European Radiology, 2021, 31, 2013-2021.	4.5	9
10	Masses Involving the Heart and Vasculature. , 2021, , 127-137.		0
11	Editorial for "Reference Ranges, Diagnostic and Prognostic Utility of Native T1 Mapping and Extracellular Volume for Cardiac Amyloidosis: A Meta-analysis". Journal of Magnetic Resonance Imaging, 2021, 53, 1469-1470.	3.4	1
12	Myocardial T1 and T2 Mapping by Magnetic Resonance in Patients With Immune Checkpoint Inhibitor-Associated Myocarditis. Journal of the American College of Cardiology, 2021, 77, 1503-1516.	2.8	97
13	Risk stratification of cardiac metastases using late gadolinium enhancement cardiovascular magnetic resonance: prognostic impact of hypo-enhancement evidenced tumor avascularity. Journal of Cardiovascular Magnetic Resonance, 2021, 23, 42.	3.3	7
14	Ischemia-Mediated Dysfunction in Subpapillary Myocardium as a Marker of Functional Mitral Regurgitation. JACC: Cardiovascular Imaging, 2021, 14, 826-839.	5.3	13
15	A kinematic model-based analysis framework for 3D Cine-DENSE validation with an axially compressed gel phantom and application in sheep before and after antero-apical myocardial infarction. Magnetic Resonance in Medicine, 2021, 86, 2105-2121.	3.0	0
16	Predictors of Major Atrial Fibrillation Endpoints in the National Heart, Lung, and Blood Institute HCMR. JACC: Clinical Electrophysiology, 2021, 7, 1376-1386.	3.2	13
17	Finite-element based optimization of left ventricular passive stiffness in normal volunteers and patients after myocardial infarction: Utility of an inverse deformation gradient calculation of regional diastolic strain. Journal of the Mechanical Behavior of Biomedical Materials, 2021, 119, 104431.	3.1	12
18	Prognostic Value of Feature-Tracking Right Ventricular Longitudinal Strain in Severe Functional Tricuspid Regurgitation. JACC: Cardiovascular Imaging, 2021, 14, 1561-1568.	5.3	25

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19	Aortic hemodynamics assessment prior and after valve sparing reconstruction: A patient-specific 4D flow-based FSI model. <i>Computers in Biology and Medicine</i> , 2021, 135, 104581.	7.0	18
20	Novel Echocardiographic Algorithm for Right Ventricular Mass Quantification: Cardiovascular Magnetic Resonance and Clinical Prognosis Validation. <i>Journal of the American Society of Echocardiography</i> , 2021, 34, 839-850.e1.	2.8	2
21	Differential Effects of Aortic Valve Replacement on Aortic Circumferential Strain in Aortic Stenosis and Aortic Insufficiency. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2021, 35, 2707-2714.	1.3	2
22	Clinical Characteristics and Outcomes of Adults With a History of Heart Failure Hospitalized for COVID-19. <i>Circulation: Heart Failure</i> , 2021, 14, e008354.	3.9	25
23	Relative Impact of Surgical Mitral Repair and MitraClip on Annular Remodeling—A Potential Mechanism for Therapeutic Response to Mitral Repair for Degenerative Mitral Regurgitation. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2021, . .	1.3	1
24	A finite element model of the cardiac ventricles with coupled circulation: Biventricular mesh generation with hexahedral elements, airbags and a functional mockup interface to the circulation. <i>Computers in Biology and Medicine</i> , 2021, 137, 104840.	7.0	4
25	Abstract 10135: Cardiotoxicity and Mortality in Chimeric Antigen Receptor T Cell Therapy Recipients. <i>Circulation</i> , 2021, 144, .	1.6	2
26	Response to Letter to the Editor re 'Impact of Prosthetic Graft Replacement of the Ascending Aorta on Circumferential Strain in the Descending Aorta'. <i>European Journal of Vascular and Endovascular Surgery</i> , 2020, 59, 157.	1.5	0
27	Prognostic Utility of Right Ventricular Remodeling Over Conventional Risk Stratification in Patients With COVID-19. <i>Journal of the American College of Cardiology</i> , 2020, 76, 1965-1977.	2.8	86
28	Left Atrial Strain Impairment Precedes Geometric Remodeling as a Marker of Post-Myocardial Infarction Diastolic Dysfunction. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 2099-2113.	5.3	45
29	Differential myocardial strain in the early postoperative period in patients receiving arterial vs venous bypass grafts: A hypothesis-generating study. <i>Journal of Cardiac Surgery</i> , 2020, 35, 1824-1831.	0.7	1
30	Machine Learning Prediction of Stroke Mechanism in Embolic Strokes of Undetermined Source. <i>Stroke</i> , 2020, 51, e203-e210.	2.0	30
31	Associations between the size and location of myocardial infarction and cerebral infarction. <i>Journal of the Neurological Sciences</i> , 2020, 419, 117182.	0.6	7
32	Descending aortic strain quantification by intraoperative transesophageal echocardiography: Multimodality validation via cardiovascular magnetic resonance. <i>Echocardiography</i> , 2020, 37, 1820-1827.	0.9	6
33	Society for Cardiovascular Magnetic Resonance (SCMR) recommended CMR protocols for scanning patients with active or convalescent phase COVID-19 infection. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2020, 22, 61.	3.3	63
34	Cardiac Pseudotumor Simulated by Ascitic Pseudocyst: Cross-sectional Imaging Findings of a Rare Complication of Peritoneovenous Shunting. <i>Radiology: Cardiothoracic Imaging</i> , 2020, 2, e200311.	2.5	0
35	Development of novel machine learning model for right ventricular quantification on echocardiography—A multimodality validation study. <i>Echocardiography</i> , 2020, 37, 688-697.	0.9	17
36	A Novel MRI-Based Finite Element Modeling Method for Calculation of Myocardial Ischemia Effect in Patients With Functional Mitral Regurgitation. <i>Frontiers in Physiology</i> , 2020, 11, 158.	2.8	9

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37	Prosthetic aortic graft replacement of the ascending thoracic aorta alters biomechanics of the native descending aorta as assessed by transthoracic echocardiography. <i>PLoS ONE</i> , 2020, 15, e0230208.	2.5	16
38	Life Interrupted. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 1834-1837.	5.3	1
39	Cardiovascular magnetic resonance in immune checkpoint inhibitor-associated myocarditis. <i>European Heart Journal</i> , 2020, 41, 1733-1743.	2.2	212
40	Diagnostic utility and clinical implication of late gadolinium enhancement cardiac magnetic resonance for detection of catheter associated right atrial thrombus. <i>Clinical Imaging</i> , 2020, 62, 17-22.	1.5	4
41	Infiltrative Lymphoma-Associated Bradycardia and Cardiac Conduction Abnormalities. <i>JACC: CardioOncology</i> , 2020, 2, 135-138.	4.0	3
42	Right Ventricular Shape Distortion in Tricuspid Regurgitation. , 2020, 47, .		1
43	Abstract WP232: Association Between Myocardial Infarction Size and Location and Cerebral Infarction. <i>Stroke</i> , 2020, 51, .	2.0	0
44	Aortic flow after valve sparing root replacement with or without neosinuses reconstruction. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 157, 455-465.	0.8	31
45	Relationship between left atrial volume and ischemic stroke subtype. <i>Annals of Clinical and Translational Neurology</i> , 2019, 6, 1480-1486.	3.7	19
46	Mechanical effects of MitraClip on leaflet stress and myocardial strain in functional mitral regurgitation – A finite element modeling study. <i>PLoS ONE</i> , 2019, 14, e0223472.	2.5	19
47	Immediate Impact of Prosthetic Graft Replacement of the Ascending Aorta on Circumferential Strain in the Descending Aorta. <i>European Journal of Vascular and Endovascular Surgery</i> , 2019, 58, 521-528.	1.5	24
48	Incremental Utility of Right Ventricular Dysfunction in Patients With Myeloproliferative Neoplasms – Associated Pulmonary Hypertension. <i>Journal of the American Society of Echocardiography</i> , 2019, 32, 1574-1585.	2.8	12
49	Long-Term Embolic Outcomes After Detection of Left Ventricular Thrombus by Late Gadolinium Enhancement Cardiovascular Magnetic Resonance Imaging. <i>Circulation: Cardiovascular Imaging</i> , 2019, 12, e009723.	2.6	48
50	Echocardiographic predictors of intraoperative right ventricular dysfunction: a 2D and speckle tracking echocardiography study. <i>Cardiovascular Ultrasound</i> , 2019, 17, 11.	1.6	15
51	Association Between Unrecognized Myocardial Infarction and Cerebral Infarction on Magnetic Resonance Imaging. <i>JAMA Neurology</i> , 2019, 76, 956.	9.0	26
52	Late Gadolinium Enhancement Cardiac Magnetic Resonance Tissue Characterization for Cancer – Associated Cardiac Masses: Metabolic and Prognostic Manifestations in Relation to Whole – Body Positron Emission Tomography. <i>Journal of the American Heart Association</i> , 2019, 8, e011709.	3.7	14
53	Impact of Mitral Regurgitation Severity and Cause on Effort Tolerance – Integrated Stress Myocardial Perfusion Imaging and Echocardiographic Assessment of Patients With Known or Suspected Coronary Artery Disease Undergoing Exercise Treadmill Testing. <i>Journal of the American Heart Association</i> , 2019, 8, e010974.	3.7	7
54	Left ventricular geometry predicts optimal response to percutaneous mitral repair via MitraClip: Integrated assessment by two – and three – dimensional echocardiography. <i>Catheterization and Cardiovascular Interventions</i> , 2019, 93, 1152-1160.	1.7	10

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55	Prognostic Value of Vasodilator Stress Cardiac Magnetic Resonance Imaging. <i>JAMA Cardiology</i> , 2019, 4, 256.	6.1	88
56	Free breathing three-dimensional cardiac quantitative susceptibility mapping for differential cardiac chamber blood oxygenation – initial validation in patients with cardiovascular disease inclusive of direct comparison to invasive catheterization. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2019, 21, 70.	3.3	13
57	Myocardial deformation and acute cellular rejection after heart transplantation: Impact of inter-vendor variability in diagnostic effectiveness. <i>Echocardiography</i> , 2019, 36, 2185-2194.	0.9	8
58	Transcatheter MitraClip repair alters mitral annular geometry – device induced annular remodeling on three-dimensional echocardiography predicts therapeutic response. <i>Cardiovascular Ultrasound</i> , 2019, 17, 31.	1.6	8
59	Reduced regional flow in the left ventricle after anterior acute myocardial infarction: a case control study using 4D flow MRI. <i>BMC Medical Imaging</i> , 2019, 19, 101.	2.7	12
60	Four-dimensional flow magnetic resonance imaging: Beyond beautiful pictures!. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 157, 477-478.	0.8	0
61	Tissue-based markers of right ventricular dysfunction in ischemic mitral regurgitation assessed via stress cardiac magnetic resonance and three-dimensional echocardiography. <i>International Journal of Cardiovascular Imaging</i> , 2019, 35, 683-693.	1.5	8
62	Short-Term Risk of Ischemic Stroke After Detection of Left Ventricular Thrombus on Cardiac Magnetic Resonance Imaging. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2019, 28, 1027-1031.	1.6	13
63	Machine learning derived segmentation of phase velocity encoded cardiovascular magnetic resonance for fully automated aortic flow quantification. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2019, 21, 1.	3.3	73
64	Abstract WP264: Relationship between Left Atrial Volume and Ischemic Stroke Subtype. <i>Stroke</i> , 2019, 50, .	2.0	0
65	Abstract 121: Machine Learning Prediction of Stroke Mechanism in Embolic Strokes of Undetermined Source. <i>Stroke</i> , 2019, 50, .	2.0	1
66	Abstract WP522: Catheter Ablation of Atrial Fibrillation and Long-Term Cardiovascular Outcomes. <i>Stroke</i> , 2019, 50, .	2.0	0
67	Ischemic Mitral Regurgitation: Abnormal Strain Overestimates Nonviable Myocardium. <i>Annals of Thoracic Surgery</i> , 2018, 105, 1754-1761.	1.3	12
68	Cardiac quantitative susceptibility mapping (QSM) for heart chamber oxygenation. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 1545-1552.	3.0	23
69	Novel insights by 4D Flow imaging on aortic flow physiology after valve-sparing root replacement with or without neosinuses. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2018, 26, 957-964.	1.1	21
70	Aortic symmetry index: Initial validation of a novel preoperative predictor of recurrent aortic insufficiency after valve-sparing aortic root reconstruction. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 156, 1393-1394.	0.8	3
71	Editor's Choice – Aortic Re-operation After Replacement of the Proximal Aorta: A Systematic Review and Meta-Analysis. <i>European Journal of Vascular and Endovascular Surgery</i> , 2018, 56, 515-523.	1.5	30
72	Abstract 172: Duration of Heightened Stroke Risk after Acute Myocardial Infarction. <i>Stroke</i> , 2018, 49, .	2.0	1

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73	Abstract TP191: Association Between Myocardial Infarction and Brain Infarction on Magnetic Resonance Imaging. Stroke, 2018, 49, .	2.0	0
74	Abstract WP206: Short-Term Risk of Ischemic Stroke After Detection of Left Ventricular Thrombus on Cardiac Magnetic Resonance Imaging. Stroke, 2018, 49, .	2.0	0
75	Second Primary Cardiac Sarcoma in a Patient With Ewing Sarcoma. Always Expect The Unexpected. Annals of Thoracic Surgery, 2017, 103, e131-e133.	1.3	3
76	Associations of Age and Sex With Marfan Phenotype. Circulation: Cardiovascular Genetics, 2017, 10, .	5.1	57
77	Clinical quantitative susceptibility mapping (QSM): Biometal imaging and its emerging roles in patient care. Journal of Magnetic Resonance Imaging, 2017, 46, 951-971.	3.4	199
78	Echocardiographic linear fractional shortening for quantification of right ventricular systolic function: A cardiac magnetic resonance validation study. Echocardiography, 2017, 34, 348-358.	0.9	12
79	Association Between Troponin Levels and Embolic Stroke of Undetermined Source. Journal of the American Heart Association, 2017, 6, .	3.7	26
80	Multimodality Imaging of the Right Ventricle. Current Treatment Options in Cardiovascular Medicine, 2017, 19, 82.	0.9	18
81	Echocardiography-quantified myocardial strain: a marker of global and regional infarct size that stratifies likelihood of left ventricular thrombus. Echocardiography, 2017, 34, 1623-1632.	0.9	10
82	Undersized Mitral Annuloplasty Increases Strain in the Proximal Lateral Left Ventricular Wall. Annals of Thoracic Surgery, 2017, 103, 820-827.	1.3	7
83	Multiplanar strain quantification for assessment of right ventricular dysfunction and non-ischemic fibrosis among patients with ischemic mitral regurgitation. PLoS ONE, 2017, 12, e0185657.	2.5	10
84	Serendipity and innovation: history and evolution of transthoracic echocardiography. Journal of Thoracic Disease, 2017, 9, S257-S263.	1.4	8
85	Utility of cardiac magnetic resonance for evaluation of mitral regurgitation prior to mitral valve surgery. Journal of Thoracic Disease, 2017, 9, S246-S256.	1.4	14
86	Cine-CMR partial voxel segmentation demonstrates increased aortic stiffness among patients with Marfan syndrome. Journal of Thoracic Disease, 2017, 9, S239-S245.	1.4	8
87	Abstract WMP51: Risk and Timing of of Ischemic Stroke Following Acute Myocardial Infarction. Stroke, 2017, 48, .	2.0	0
88	Pattern and Prognostic Implications of Cardiac Metastases Among Patients With Advanced Systemic Cancer Assessed With Cardiac Magnetic Resonance Imaging. Journal of the American Heart Association, 2016, 5, .	3.7	25
89	Right Ventricular Dysfunction Impairs Effort Tolerance Independent of Left Ventricular Function Among Patients Undergoing Exercise Stress Myocardial Perfusion Imaging. Circulation: Cardiovascular Imaging, 2016, 9, .	2.6	30
90	Neochord placement versus triangular resection in mitral valve repair: A finite element model. Journal of Surgical Research, 2016, 206, 98-105.	1.6	11

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91	Delayed cardiac perforation of the Durata implantable cardioverter-defibrillator lead more than 1 year after implantation. <i>HeartRhythm Case Reports</i> , 2016, 2, 377-378.	0.4	0
92	Aortic Dissection in Patients With Genetically Mediated Aneurysms. <i>Journal of the American College of Cardiology</i> , 2016, 67, 2744-2754.	2.8	84
93	Wild-Type Transthyretin Cardiac Amyloidosis: Novel Insights From Advanced Imaging. <i>Canadian Journal of Cardiology</i> , 2016, 32, 1166.e1-1166.e10.	1.7	26
94	Echocardiographic Linear Dimensions for Assessment of Right Ventricular Chamber Volume as Demonstrated by Cardiac Magnetic Resonance. <i>Journal of the American Society of Echocardiography</i> , 2016, 29, 861-870.	2.8	25
95	Electrocardiographic Pad for Efficient Cardiac MR Gating. <i>Radiology</i> , 2016, 278, 578-584.	7.3	2
96	The Need for Standardized Methods for Measuring the Aorta. <i>JACC: Cardiovascular Imaging</i> , 2016, 9, 219-226.	5.3	66
97	Echocardiographic Algorithm for Post-Myocardial Infarction LV Thrombus. <i>JACC: Cardiovascular Imaging</i> , 2016, 9, 505-515.	5.3	141
98	Prognostic utility of differential tissue characterization of cardiac neoplasm and thrombus via late gadolinium enhancement cardiovascular magnetic resonance among patients with advanced systemic cancer. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 19, 76.	3.3	22
99	Association of Right Ventricular Pressure and Volume Overload with Non-Ischemic Septal Fibrosis on Cardiac Magnetic Resonance. <i>PLoS ONE</i> , 2016, 11, e0147349.	2.5	6
100	Response to Letter by Yamada et al Regarding "Differentiation of Papillary Muscle From Fascicular and Mitral Annular Ventricular Arrhythmias in Patients With and Without Structural Heart Disease": Circulation: Arrhythmia and Electrophysiology, 2015, 8, 1302-1302.	4.8	0
101	Myocardial perfusion pattern for stratification of ischemic mitral regurgitation response to percutaneous coronary intervention. <i>Coronary Artery Disease</i> , 2015, 26, 642-650.	0.7	5
102	Free-Breathing 3D Imaging of Right Ventricular Structure and Function Using Respiratory and Cardiac Self-Gated Cine MRI. <i>BioMed Research International</i> , 2015, 2015, 1-9.	1.9	8
103	Left Ventricle: Fully Automated Segmentation Based on Spatiotemporal Continuity and Myocardium Information in Cine Cardiac Magnetic Resonance Imaging (LV-FAST). <i>BioMed Research International</i> , 2015, 2015, 1-9.	1.9	23
104	Multimodality Imaging of Diseases of the Thoracic Aorta in Adults: From the American Society of Echocardiography and the European Association of Cardiovascular Imaging. <i>Journal of the American Society of Echocardiography</i> , 2015, 28, 119-182.	2.8	500
105	Imaging of the Right Heart: CT and CMR. <i>Echocardiography</i> , 2015, 32, S53-68.	0.9	19
106	Differentiation of Papillary Muscle From Fascicular and Mitral Annular Ventricular Arrhythmias in Patients With and Without Structural Heart Disease. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2015, 8, 616-624.	4.8	83
107	Thrombosis and Prognosis Following ST-Elevation Myocardial Infarction. <i>Circulation: Cardiovascular Imaging</i> , 2015, 8, e004098.	2.6	1
108	P Wave Area for Quantitative Electrocardiographic Assessment of Left Atrial Remodeling. <i>PLoS ONE</i> , 2014, 9, e99178.	2.5	25



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109	Left ventricular geometric remodeling in relation to non-ischemic scar pattern on cardiac magnetic resonance imaging. <i>International Journal of Cardiovascular Imaging</i> , 2014, 30, 1559-1567.	1.5	18
110	Q wave area for stratification of global left ventricular infarct size. <i>Coronary Artery Disease</i> , 2014, 25, 138-144.	0.7	7
111	Ischemic Mitral Regurgitation. <i>Journal of the American College of Cardiology</i> , 2014, 64, 1880-1882.	2.8	11
112	Effect of Myocardial Perfusion Pattern on Frequency and Severity of Mitral Regurgitation in Patients With Known or Suspected Coronary Artery Disease. <i>American Journal of Cardiology</i> , 2014, 114, 355-361.	1.6	16
113	Self-Gated Free-Breathing 3D Coronary CINE Imaging with Simultaneous Water and Fat Visualization. <i>PLoS ONE</i> , 2014, 9, e89315.	2.5	15
114	How Accurate Is MOLLI T1 Mapping In Vivo? Validation by Spin Echo Methods. <i>PLoS ONE</i> , 2014, 9, e107327.	2.5	14
115	Mitral Apparatus Assessment by Delayed Enhancement CMR. <i>JACC: Cardiovascular Imaging</i> , 2013, 6, 220-234.	5.3	62
116	Longitudinal monitoring of cardiac siderosis using cardiovascular magnetic resonance $T_2^*$ in patients with thalassemia major on various chelation regimens: A 6-year study. <i>American Journal of Hematology</i> , 2013, 88, 652-656.	4.1	12
117	Left Ventricular Stroke Volume Quantification by Contrast Echocardiography – Comparison of Linear and Flow-Based Methods to Cardiac Magnetic Resonance. <i>Echocardiography</i> , 2013, 30, 880-888.	0.9	12
118	Geometry-independent inclusion of basal myocardium yields improved cardiac magnetic resonance agreement with echocardiography and necropsy quantified left-ventricular mass. <i>Journal of Hypertension</i> , 2013, 31, 2069-2076.	0.5	9
119	Improved Left Ventricular Mass Quantification With Partial Voxel Interpolation. <i>Circulation: Cardiovascular Imaging</i> , 2012, 5, 137-146.	2.6	50
120	Cardiac anatomy as a biometric. , 2012, , .		0
121	BOLD New Directions in Myocardial Ischemia Imaging – Myocardial Oxygenation Assessment by Cardiac Magnetic Resonance. <i>Journal of the American College of Cardiology</i> , 2012, 59, 1965-1967.	2.8	7
122	Long-term implications of emergency versus elective proximal aortic surgery in patients with Marfan syndrome in the Genetically Triggered Thoracic Aortic Aneurysms and Cardiovascular Conditions Consortium Registry. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2012, 143, 282-286.	0.8	45
123	Clinical Application of Cine-MRI in the Visual Assessment of Mitral Regurgitation Compared to Echocardiography and Cardiac Catheterization. <i>PLoS ONE</i> , 2012, 7, e40491.	2.5	19
124	LV Thrombus Detection by Routine Echocardiography. <i>JACC: Cardiovascular Imaging</i> , 2011, 4, 702-712.	5.3	166
125	The National Registry of Genetically Triggered Thoracic Aortic Aneurysms and Cardiovascular Conditions (GenTAC): Results from phase I and scientific opportunities in phase II. <i>American Heart Journal</i> , 2011, 162, 627-632.e1.	2.7	34
126	Rapid and accurate left ventricular chamber quantification using a novel CMR segmentation algorithm: A clinical validation study. <i>Journal of Magnetic Resonance Imaging</i> , 2010, 31, 845-853.	3.4	30



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127	Impact of diastolic dysfunction severity on global left ventricular volumetric filling - assessment by automated segmentation of routine cine cardiovascular magnetic resonance. Journal of Cardiovascular Magnetic Resonance, 2010, 12, 46.	3.3	47
128	A Young Man With Heart Failure, Diffuse Cardiac Thrombi, and Stroke. Journal of Thoracic Imaging, 2010, 25, W128-W130.	1.5	1
129	Automated Segmentation of Routine Clinical Cardiac Magnetic Resonance Imaging for Assessment of Left Ventricular Diastolic Dysfunction. Circulation: Cardiovascular Imaging, 2009, 2, 476-484.	2.6	77
130	Comparison of Cardiac Computed Tomographic Angiography to Transesophageal Echocardiography for Evaluation of Patients With Native Valvular Heart Disease. American Journal of Cardiology, 2009, 104, 1421-1428.	1.6	21
131	Contrast-Enhanced Anatomic Imaging as Compared to Contrast-Enhanced Tissue Characterization for Detection of Left Ventricular Thrombus. JACC: Cardiovascular Imaging, 2009, 2, 969-979.	5.3	181
132	Stress-induced ST-segment deviation in relation to the presence and severity of coronary artery disease in patients with normal myocardial perfusion imaging. Coronary Artery Disease, 2009, 20, 41-49.	0.7	0
133	A fast navigator-gated 3D sequence for delayed enhancement MRI of the myocardium: Comparison with breathhold 2D imaging. Journal of Magnetic Resonance Imaging, 2008, 27, 802-808.	3.4	49
134	Detection of Left Ventricular Thrombus by Delayed-Enhancement Cardiovascular Magnetic Resonance. Journal of the American College of Cardiology, 2008, 52, 148-157.	2.8	271
135	Cardiac Chamber Volumes, Function, and Mass as Determined by 64-Multidetector Row Computed Tomography. JACC: Cardiovascular Imaging, 2008, 1, 782-786.	5.3	152
136	Left ventricular papillary muscles and trabeculae are significant determinants of cardiac MRI volumetric measurements: Effects on clinical standards in patients with advanced systolic dysfunction. International Journal of Cardiology, 2008, 126, 359-365.	1.7	71
137	Multidetector computed tomography coronary artery plaque predictors of stress-induced myocardial ischemia by SPECT. Atherosclerosis, 2008, 197, 700-709.	0.8	114
138	Direct En Face Imaging of Secundum Atrial Septal Defects by Velocity-Encoded Cardiovascular Magnetic Resonance in Patients Evaluated for Possible Transcatheter Closure. Circulation: Cardiovascular Imaging, 2008, 1, 31-40.	2.6	51
139	Left Ventricle: Automated Segmentation by Using Myocardial Effusion Threshold Reduction and Intravoxel Computation at MR Imaging. Radiology, 2008, 248, 1004-1012.	7.3	62
140	Effects of papillary muscles and trabeculae on left ventricular quantification: increased impact of methodological variability in patients with left ventricular hypertrophy. Journal of Hypertension, 2008, 26, 1677-1685.	0.5	69
141	Noninvasive functional imaging of the heart using MRI: opportunities and challenges. , 2007, , .		0
142	MRI for the Assessment of Myocardial Viability. Cardiology Clinics, 2007, 25, 35-56.	2.2	41
143	MRI for the Assessment of Myocardial Viability. Magnetic Resonance Imaging Clinics of North America, 2007, 15, 505-525.	1.1	12
144	Prognostic Value of Multidetector Coronary Computed Tomographic Angiography for Prediction of All-Cause Mortality. Journal of the American College of Cardiology, 2007, 50, 1161-1170.	2.8	922

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145	Diagnostic impact of SPECT image display on assessment of obstructive coronary artery disease. Journal of Nuclear Cardiology, 2007, 14, 659-668.	2.1	9
146	Improved Detection of Coronary Artery Disease by Stress Perfusion Cardiovascular Magnetic Resonance With the Use of Delayed Enhancement Infarction Imaging. Journal of the American College of Cardiology, 2006, 47, 1630-1638.	2.8	379
147	Anatomic Distribution of Myocardial Ischemia as a Determinant of Exercise-Induced ST-Segment Depression. American Journal of Cardiology, 2005, 96, 1356-1360.	1.6	17
148	Aging-Associated Changes in Vascular Activity: A Potential Link to Geriatric Cardiovascular Disease. The American Journal of Geriatric Cardiology, 2001, 10, 348-354.	0.6	51