

Jonathan W Weinsaft

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127
papers

4,149
citations

29
h-index

62
g-index

148
ext. papers

5,207
ext. citations

4.7
avg, IF

4.89
L-index

#	Paper	IF	Citations
127	Prognostic value of multidetector coronary computed tomographic angiography for prediction of all-cause mortality. <i>Journal of the American College of Cardiology</i> , 2007 , 50, 1161-70	15.1	735
126	Multimodality imaging of diseases of the thoracic aorta in adults: from the American Society of Echocardiography and the European Association of Cardiovascular Imaging: endorsed by the Society of Cardiovascular Computed Tomography and Society for Cardiovascular Magnetic Resonance. <i>Journal of the American Society of Echocardiography</i> , 2015 , 28, 119-32	5.8	347
125	Improved detection of coronary artery disease by stress perfusion cardiovascular magnetic resonance with the use of delayed enhancement infarction imaging. <i>Journal of the American College of Cardiology</i> , 2006 , 47, 1630-8	15.1	323
124	Detection of left ventricular thrombus by delayed-enhancement cardiovascular magnetic resonance prevalence and markers in patients with systolic dysfunction. <i>Journal of the American College of Cardiology</i> , 2008 , 52, 148-57	15.1	214
123	Contrast-enhanced anatomic imaging as compared to contrast-enhanced tissue characterization for detection of left ventricular thrombus. <i>JACC: Cardiovascular Imaging</i> , 2009 , 2, 969-79	8.4	139
122	Cardiac chamber volumes, function, and mass as determined by 64-multidetector row computed tomography: mean values among healthy adults free of hypertension and obesity. <i>JACC: Cardiovascular Imaging</i> , 2008 , 1, 782-6	8.4	138
121	Clinical quantitative susceptibility mapping (QSM): Biometal imaging and its emerging roles in patient care. <i>Journal of Magnetic Resonance Imaging</i> , 2017 , 46, 951-971	5.6	128
120	LV thrombus detection by routine echocardiography: insights into performance characteristics using delayed enhancement CMR. <i>JACC: Cardiovascular Imaging</i> , 2011 , 4, 702-12	8.4	124
119	Cardiovascular magnetic resonance in immune checkpoint inhibitor-associated myocarditis. <i>European Heart Journal</i> , 2020 , 41, 1733-1743	9.5	114
118	Multidetector computed tomography coronary artery plaque predictors of stress-induced myocardial ischemia by SPECT. <i>Atherosclerosis</i> , 2008 , 197, 700-9	3.1	98
117	Echocardiographic Algorithm for Post-Myocardial Infarction LV Thrombus: A Gatekeeper for Thrombus Evaluation by Delayed Enhancement CMR. <i>JACC: Cardiovascular Imaging</i> , 2016 , 9, 505-15	8.4	87
116	Left ventricular papillary muscles and trabeculae are significant determinants of cardiac MRI volumetric measurements: effects on clinical standards in patients with advanced systolic dysfunction. <i>International Journal of Cardiology</i> , 2008 , 126, 359-65	3.2	64
115	Automated segmentation of routine clinical cardiac magnetic resonance imaging for assessment of left ventricular diastolic dysfunction. <i>Circulation: Cardiovascular Imaging</i> , 2009 , 2, 476-84	3.9	61
114	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, 616-24	6.4	60
113	Effects of papillary muscles and trabeculae on left ventricular quantification: increased impact of methodological variability in patients with left ventricular hypertrophy. <i>Journal of Hypertension</i> , 2008 , 26, 1677-85	1.9	56
112	Left ventricle: automated segmentation by using myocardial effusion threshold reduction and intravoxel computation at MR imaging. <i>Radiology</i> , 2008 , 248, 1004-12	20.5	54
111	Aortic Dissection in Patients With Genetically Mediated Aneurysms: Incidence and Predictors in the GenTAC Registry. <i>Journal of the American College of Cardiology</i> , 2016 , 67, 2744-2754	15.1	51

110	Mitral apparatus assessment by delayed enhancement CMR: relative impact of infarct distribution on mitral regurgitation. <i>JACC: Cardiovascular Imaging</i> , 2013 , 6, 220-34	8.4	50
109	Prognostic Value of Vasodilator Stress Cardiac Magnetic Resonance Imaging: A Multicenter Study With 48 000 Patient-Years of Follow-up. <i>JAMA Cardiology</i> , 2019 , 4, 256-264	16.2	48
108	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	15.1	45
107	A fast navigator-gated 3D sequence for delayed enhancement MRI of the myocardium: comparison with breathhold 2D imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2008 , 27, 802-8	5.6	43
106	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	6.9	42
105	Direct en face imaging of secundum atrial septal defects by velocity-encoded cardiovascular magnetic resonance in patients evaluated for possible transcatheter closure. <i>Circulation: Cardiovascular Imaging</i> , 2008 , 1, 31-40	3.9	41
104	Aging-associated changes in vascular activity: a potential link to geriatric cardiovascular disease. <i>The American Journal of Geriatric Cardiology</i> , 2001 , 10, 348-54		41
103	Improved left ventricular mass quantification with partial voxel interpolation: in vivo and necropsy validation of a novel cardiac MRI segmentation algorithm. <i>Circulation: Cardiovascular Imaging</i> , 2012 , 5, 137-46	3.9	39
102	The Need for Standardized Methods for Measuring the Aorta: Multimodality Core Lab Experience From the GenTAC Registry. <i>JACC: Cardiovascular Imaging</i> , 2016 , 9, 219-26	8.4	38
101	Impact of diastolic dysfunction severity on global left ventricular volumetric filling - assessment by automated segmentation of routine cine cardiovascular magnetic resonance. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2010 , 12, 46	6.9	37
100	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, 282-6	1.5	36
99	Associations of Age and Sex With Marfan Phenotype: The National Heart, Lung, and Blood Institute GenTAC (Genetically Triggered Thoracic Aortic Aneurysms and Cardiovascular Conditions) Registry. <i>Circulation: Cardiovascular Genetics</i> , 2017 , 10,		33
98	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	6.9	29
97	Myocardial T1 and T2 Mapping by Magnetic Resonance in Patients With Immune Checkpoint Inhibitor-Associated Myocarditis. <i>Journal of the American College of Cardiology</i> , 2021 , 77, 1503-1516	15.1	28
96	MRI for the assessment of myocardial viability. <i>Cardiology Clinics</i> , 2007 , 25, 35-56, v	2.5	27
95	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	4.9	26
94	Long-Term Embolic Outcomes After Detection of Left Ventricular Thrombus by Late Gadolinium Enhancement Cardiovascular Magnetic Resonance Imaging: A Matched Cohort Study. <i>Circulation: Cardiovascular Imaging</i> , 2019 , 12, e009723	3.9	25
93	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, 845-53	5.6	25

92	Cardiovascular magnetic resonance imaging for assessment of cardiac thrombus. <i>Methodist DeBakey Cardiovascular Journal</i> , 2013 , 9, 132-6	2.1	23
91	Right Ventricular Dysfunction Impairs Effort Tolerance Independent of Left Ventricular Function Among Patients Undergoing Exercise Stress Myocardial Perfusion Imaging. <i>Circulation: Cardiovascular Imaging</i> , 2016 , 9,	3.9	22
90	Association Between Troponin Levels and Embolic Stroke of Undetermined Source. <i>Journal of the American Heart Association</i> , 2017 , 6,	6	21
89	Aortic flow after valve sparing root replacement with or without neosinuses reconstruction. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019 , 157, 455-465	1.5	21
88	Pattern and Prognostic Implications of Cardiac Metastases Among Patients With Advanced Systemic Cancer Assessed With Cardiac Magnetic Resonance Imaging. <i>Journal of the American Heart Association</i> , 2016 , 5,	6	20
87	Wild-Type Transthyretin Cardiac Amyloidosis: Novel Insights From Advanced Imaging. <i>Canadian Journal of Cardiology</i> , 2016 , 32, 1166.e1-1166.e10	3.8	18
86	Comparison of cardiac computed tomographic angiography to transesophageal echocardiography for evaluation of patients with native valvular heart disease. <i>American Journal of Cardiology</i> , 2009 , 104, 1421-8	3	18
85	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, 861-70	5.8	17
84	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	2.3	17
83	Association Between Unrecognized Myocardial Infarction and Cerebral Infarction on Magnetic Resonance Imaging. <i>JAMA Neurology</i> , 2019 , 76, 956-961	17.2	16
82	Cardiac quantitative susceptibility mapping (QSM) for heart chamber oxygenation. <i>Magnetic Resonance in Medicine</i> , 2018 , 79, 1545-1552	4.4	16
81	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, 367583	3	16
80	P wave area for quantitative electrocardiographic assessment of left atrial remodeling. <i>PLoS ONE</i> , 2014 , 9, e99178	3.7	16
79	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> , 2017 , 19, 76	6.9	15
78	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	3.7	15
77	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	1.8	15
76	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	3.7	13
75	Machine Learning Prediction of Stroke Mechanism in Embolic Strokes of Undetermined Source. <i>Stroke</i> , 2020 , 51, e203-e210	6.7	13

74	Relationship between left atrial volume and ischemic stroke subtype. <i>Annals of Clinical and Translational Neurology</i> , 2019 , 6, 1480-1486	5.3	12
73	Anatomic distribution of myocardial ischemia as a determinant of exercise-induced ST-segment depression. <i>American Journal of Cardiology</i> , 2005 , 96, 1356-60	3	12
72	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	8.4	12
71	Echocardiographic predictors of intraoperative right ventricular dysfunction: a 2D and speckle tracking echocardiography study. <i>Cardiovascular Ultrasound</i> , 2019 , 17, 11	2.4	11
70	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	2.3	11
69	Imaging of the right heart--CT and CMR. <i>Echocardiography</i> , 2015 , 32 Suppl 1, S53-68	1.5	11
68	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, 1559-67	2.5	11
67	MRI for the assessment of myocardial viability. <i>Magnetic Resonance Imaging Clinics of North America</i> , 2007 , 15, 505-25, v-vi	1.6	11
66	Self-gated free-breathing 3D coronary CINE imaging with simultaneous water and fat visualization. <i>PLoS ONE</i> , 2014 , 9, e89315	3.7	11
65	Multimodality Imaging of the Right Ventricle. <i>Current Treatment Options in Cardiovascular Medicine</i> , 2017 , 19, 82	2.1	10
64	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	6	10
63	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, 355-61	3	10
62	Longitudinal monitoring of cardiac siderosis using cardiovascular magnetic resonance T2* in patients with thalassemia major on various chelation regimens: a 6-year study. <i>American Journal of Hematology</i> , 2013 , 88, 652-6	7.1	10
61	Left ventricular stroke volume quantification by contrast echocardiography - comparison of linear and flow-based methods to cardiac magnetic resonance. <i>Echocardiography</i> , 2013 , 30, 880-8	1.5	10
60	Multiplanar strain quantification for assessment of right ventricular dysfunction and non-ischemic fibrosis among patients with ischemic mitral regurgitation. <i>PLoS ONE</i> , 2017 , 12, e0185657	3.7	9
59	Neochord placement versus triangular resection in mitral valve repair: A finite element model. <i>Journal of Surgical Research</i> , 2016 , 206, 98-105	2.5	9
58	Echocardiographic linear fractional shortening for quantification of right ventricular systolic function-A cardiac magnetic resonance validation study. <i>Echocardiography</i> , 2017 , 34, 348-358	1.5	8
57	Utility of cardiac magnetic resonance for evaluation of mitral regurgitation prior to mitral valve surgery. <i>Journal of Thoracic Disease</i> , 2017 , 9, S246-S256	2.6	8

56	Cine-CMR partial voxel segmentation demonstrates increased aortic stiffness among patients with Marfan syndrome. <i>Journal of Thoracic Disease</i> , 2017 , 9, S239-S245	2.6	8
55	Diagnostic impact of SPECT image display on assessment of obstructive coronary artery disease. <i>Journal of Nuclear Cardiology</i> , 2007 , 14, 659-68	2.1	8
54	How accurate is MOLLI T1 mapping in vivo? Validation by spin echo methods. <i>PLoS ONE</i> , 2014 , 9, e107323	3.7	8
53	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	2.8	8
52	Prognostic Value of Feature-Tracking Right Ventricular Longitudinal Strain in Severe Functional Tricuspid Regurgitation: A Multicenter Study. <i>JACC: Cardiovascular Imaging</i> , 2021 , 14, 1561-1568	8.4	8
51	Echocardiography-quantified myocardial strain-a marker of global and regional infarct size that stratifies likelihood of left ventricular thrombus. <i>Echocardiography</i> , 2017 , 34, 1623-1632	1.5	7
50	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. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021 , 119, 104431	4.1	7
49	Clinical Characteristics and Outcomes of Adults With a History of Heart Failure Hospitalized for COVID-19. <i>Circulation: Heart Failure</i> , 2021 , 14, e008354	7.6	7
48	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	2.7	6
47	Development of novel machine learning model for right ventricular quantification on echocardiography-A multimodality validation study. <i>Echocardiography</i> , 2020 , 37, 688-697	1.5	6
46	Incremental Utility of Right Ventricular Dysfunction in Patients With Myeloproliferative Neoplasm-Associated Pulmonary Hypertension. <i>Journal of the American Society of Echocardiography</i> , 2019 , 32, 1574-1585	5.8	6
45	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, 819102	3	6
44	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, 2069-76	1.9	6
43	Association of Right Ventricular Pressure and Volume Overload with Non-Ischemic Septal Fibrosis on Cardiac Magnetic Resonance. <i>PLoS ONE</i> , 2016 , 11, e0147349	3.7	6
42	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	4.6	5
41	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	3.7	5
40	Ischemic Mitral Regurgitation: Abnormal Strain Overestimates Nonviable Myocardium. <i>Annals of Thoracic Surgery</i> , 2018 , 105, 1754-1761	2.7	5
39	Q wave area for stratification of global left ventricular infarct size: comparison to conventional ECG assessment using Selvester QRS-score. <i>Coronary Artery Disease</i> , 2014 , 25, 138-44	1.4	5

38	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	6.9	5
37	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	2.4	5
36	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	2.9	5
35	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	2.5	5
34	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	6	4
33	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	2.7	4
32	Undersized Mitral Annuloplasty Increases Strain in the Proximal Lateral Left Ventricular Wall. <i>Annals of Thoracic Surgery</i> , 2017 , 103, 820-827	2.7	4
31	"Second" Primary Cardiac Sarcoma in a Patient With Ewing Sarcoma. Always Expect The Unexpected. <i>Annals of Thoracic Surgery</i> , 2017 , 103, e131-e133	2.7	3
30	Serendipity and innovation: history and evolution of transthoracic echocardiography. <i>Journal of Thoracic Disease</i> , 2017 , 9, S257-S263	2.6	3
29	Myocardial perfusion pattern for stratification of ischemic mitral regurgitation response to percutaneous coronary intervention. <i>Coronary Artery Disease</i> , 2015 , 26, 642-50	1.4	3
28	Myocardial deformation and acute cellular rejection after heart transplantation: Impact of inter-vendor variability in diagnostic effectiveness. <i>Echocardiography</i> , 2019 , 36, 2185-2194	1.5	3
27	Perfusion defects on dual-energy CTA in patients with suspected pulmonary embolism correlate with right heart strain and lower survival. <i>European Radiology</i> , 2021 , 31, 2013-2021	8	3
26	Infiltrative Lymphoma-Associated Bradycardia and Cardiac Conduction Abnormalities. <i>JACC: CardioOncology</i> , 2020 , 2, 135-138	3.8	2
25	Associations between the size and location of myocardial infarction and cerebral infarction. <i>Journal of the Neurological Sciences</i> , 2020 , 419, 117182	3.2	2
24	Risk stratification of cardiac metastases using late gadolinium enhancement cardiovascular magnetic resonance: prognostic impact of hypo-enhancement evidenced tumor avascularity. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2021 , 23, 42	6.9	2
23	Ischemia-Mediated Dysfunction in Subpapillary Myocardium as a Marker of Functional Mitral Regurgitation. <i>JACC: Cardiovascular Imaging</i> , 2021 , 14, 826-839	8.4	2
22	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	2
21	Cardiovascular Outcomes in Aortopathy. <i>Journal of the American College of Cardiology</i> , 2022 , 79, 2069-2081	8.1	2

20	Electrocardiographic Pad for Efficient Cardiac MR Gating. <i>Radiology</i> , 2016 , 278, 578-84	20.5	1
19	Abstract 172: Duration of Heightened Stroke Risk after Acute Myocardial Infarction. <i>Stroke</i> , 2018 , 49,	6.7	1
18	Abstract 121: Machine Learning Prediction of Stroke Mechanism in Embolic Strokes of Undetermined Source. <i>Stroke</i> , 2019 , 50,	6.7	1
17	A young man with heart failure, diffuse cardiac thrombi, and stroke. <i>Journal of Thoracic Imaging</i> , 2010 , 25, W128-30	5.6	1
16	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	1.3	1
15	Descending aortic strain quantification by intra-operative transesophageal echocardiography: Multimodality validation via cardiovascular magnetic resonance. <i>Echocardiography</i> , 2020 , 37, 1820-1827	1.5	1
14	Predictors of Major Atrial Fibrillation Endpoints in the National Heart, Lung, and Blood Institute HCMR. <i>JACC: Clinical Electrophysiology</i> , 2021 , 7, 1376-1386	4.6	1
13	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	1.5	1
12	Abstract 10135: Cardiotoxicity and Mortality in Chimeric Antigen Receptor T Cell Therapy Recipients. <i>Circulation</i> , 2021 , 144,	16.7	1
11	Characterizing cardiac phenotype in Friedreich's ataxia: The CARFA study.. <i>Archives of Cardiovascular Diseases</i> , 2021 , 115, 17-17	2.7	0
10	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	2.1	0
9	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
8	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	8.3	
7	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". <i>Circulation: Arrhythmia and Electrophysiology</i> , 2015 , 8, 1302	6.4	
6	Stress-induced ST-segment deviation in relation to the presence and severity of coronary artery disease in patients with normal myocardial perfusion imaging. <i>Coronary Artery Disease</i> , 2009 , 20, 41-9	1.4	
5	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	2.3	
4	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. <i>Magnetic Resonance in Medicine</i> , 2021 , 86, 2105-2121	4.4	
3	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	1	

2 Masses Involving the Heart and Vasculature **2021**, 127-137

1 Novel Echocardiographic Algorithm for Right Ventricular Mass Quantification: Cardiovascular Magnetic Resonance and Clinical Prognosis Validation. *Journal of the American Society of Echocardiography*, **2021**, 34, 839-850.e1 5.8