# Jonathan W Weinsaft

List of Publications by Year
in descending order

| 148 papers | 5,928 citations | 117625<br>34<br>h-index | 79698<br>73<br>g-index |
|---|---|---|---|
| 148<br>all docs | 148<br>docs citations | 148<br>times ranked | 7002<br>citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 1 | 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 |
| 2 | Multimodality Imaging of Diseases of the Thoracic Aorta in Adults: From the American Society of Echocardiography and the European Association of Cardiovascular Imaging. Journal of the American Society of Echocardiography, 2015, 28, 119-182. | 2.8 | 500 |
| 3 | 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 |
| 4 | 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 |
| 5 | Cardiovascular magnetic resonance in immune checkpoint inhibitor-associated myocarditis. European Heart Journal, 2020, 41, 1733-1743. | 2.2 | 212 |
| 6 | 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 |
| 7 | 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 |
| 8 | LV Thrombus Detection by Routine Echocardiography. JACC: Cardiovascular Imaging, 2011, 4, 702-712. | 5.3 | 166 |
| 9 | Cardiac Chamber Volumes, Function, and Mass as Determined by 64-Multidetector Row Computed Tomography. JACC: Cardiovascular Imaging, 2008, 1, 782-786. | 5.3 | 152 |
| 10 | Echocardiographic Algorithm for Post–Myocardial Infarction LV Thrombus. JACC: Cardiovascular Imaging, 2016, 9, 505-515. | 5.3 | 141 |
| 11 | Multidetector computed tomography coronary artery plaque predictors of stress-induced myocardial ischemia by SPECT. Atherosclerosis, 2008, 197, 700-709. | 0.8 | 114 |
| 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 | Prognostic Value of Vasodilator Stress Cardiac Magnetic Resonance Imaging. JAMA Cardiology, 2019, 4, 256. | 6.1 | 88 |
| 14 | Prognostic Utility of Right Ventricular Remodeling Over Conventional Risk Stratification in Patients With COVID-19. Journal of the American College of Cardiology, 2020, 76, 1965-1977. | 2.8 | 86 |
| 15 | Aortic Dissection in Patients With Genetically Mediated Aneurysms. Journal of the American College of Cardiology, 2016, 67, 2744-2754. | 2.8 | 84 |
| 16 | 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, 616-624. | 4.8 | 83 |
| 17 | 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 |
| 18 | Machine learning derived segmentation of phase velocity encoded cardiovascular magnetic resonance for fully automated aortic flow quantification. Journal of Cardiovascular Magnetic Resonance, 2019, 21, 1. | 3.3 | 73 |

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|---|---------|-----|-----------|
| 19 | 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 |
| 20 | 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 |
| 21 | The Need for Standardized Methods for Measuring the Aorta. JACC: Cardiovascular Imaging, 2016, 9, 219-226. | 5.3 | 66 |
| 22 | Society for Cardiovascular Magnetic Resonance (SCMR) recommended CMR protocols for scanning patients with active or convalescent phase COVID-19 infection. Journal of Cardiovascular Magnetic Resonance, 2020, 22, 61. | 3.3 | 63 |
| 23 | Left Ventricle: Automated Segmentation by Using Myocardial Effusion Threshold Reduction and Intravoxel Computation at MR Imaging. Radiology, 2008, 248, 1004-1012. | 7.3 | 62 |
| 24 | Mitral Apparatus Assessment by Delayed Enhancement CMR. JACC: Cardiovascular Imaging, 2013, 6, 220-234. | 5.3 | 62 |
| 25 | Associations of Age and Sex With Marfan Phenotype. Circulation: Cardiovascular Genetics, 2017, 10, . | 5.1 | 57 |
| 26 | 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 |
| 27 | 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 |
| 28 | Improved Left Ventricular Mass Quantification With Partial Voxel Interpolation. Circulation: Cardiovascular Imaging, 2012, 5, 137-146. | 2.6 | 50 |
| 29 | 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 |
| 30 | Long-Term Embolic Outcomes After Detection of Left Ventricular Thrombus by Late Gadolinium Enhancement Cardiovascular Magnetic Resonance Imaging. Circulation: Cardiovascular Imaging, 2019, 12, e009723. | 2.6 | 48 |
| 31 | 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 |
| 32 | 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. Journal of Thoracic and Cardiovascular Surgery, 2012, 143, 282-286. | 0.8 | 45 |
| 33 | Left Atrial Strain Impairment Precedes Geometric Remodeling as a Marker of Post-Myocardial Infarction DiastolicÂDysfunction. JACC: Cardiovascular Imaging, 2020, 13, 2099-2113. | 5.3 | 45 |
| 34 | MRI for the Assessment of Myocardial Viability. Cardiology Clinics, 2007, 25, 35-56. | 2.2 | 41 |
| 35 | The National Registry of Genetically Triggered Thoracic Aortic Aneurysms and Cardiovascular Conditions (GenTAC): Results from phase I and scientific opportunities in phase II. American Heart Journal, 2011, 162, 627-632.e1. | 2.7 | 34 |
| 36 | Aortic flow after valve sparing root replacement with or without neosinuses reconstruction. Journal of Thoracic and Cardiovascular Surgery, 2019, 157, 455-465. | 0.8 | 31 |

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| 37 | Rapid and accurate left ventricular chamber quantification using a novel CMR segmentation algorithm: A clinical validation study. Journal of Magnetic Resonance Imaging, 2010, 31, 845-853. | 3.4 | 30 |
| 38 | Cardiovascular Magnetic Resonance Imaging for Assessment of Cardiac Thrombus. Methodist DeBakey Cardiovascular Journal, 2021, 9, 132. | 1.0 | 30 |
| 39 | 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 |
| 40 | Editor's Choice â€" Aortic Re-operation After Replacement of the Proximal Aorta: A Systematic Review and Meta-Analysis. European Journal of Vascular and Endovascular Surgery, 2018, 56, 515-523. | 1.5 | 30 |
| 41 | Machine Learning Prediction of Stroke Mechanism in Embolic Strokes of Undetermined Source. Stroke, 2020, 51, e203-e210. | 2.0 | 30 |
| 42 | Wild-Type Transthyretin Cardiac Amyloidosis: Novel Insights From Advanced Imaging. Canadian Journal of Cardiology, 2016, 32, 1166.e1-1166.e10. | 1.7 | 26 |
| 43 | Association Between Troponin Levels and Embolic Stroke of Undetermined Source. Journal of the American Heart Association, 2017, 6, . | 3.7 | 26 |
| 44 | Association Between Unrecognized Myocardial Infarction and Cerebral Infarction on Magnetic Resonance Imaging. JAMA Neurology, 2019, 76, 956. | 9.0 | 26 |
| 45 | P Wave Area for Quantitative Electrocardiographic Assessment of Left Atrial Remodeling. PLoS ONE, 2014, 9, e99178. | 2.5 | 25 |
| 46 | 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 |
| 47 | Echocardiographic Linear Dimensions for Assessment of Right Ventricular Chamber Volume as Demonstrated by Cardiac Magnetic Resonance. Journal of the American Society of Echocardiography, 2016, 29, 861-870. | 2.8 | 25 |
| 48 | Prognostic Value of Feature-Tracking Right Ventricular Longitudinal Strain in Severe Functional Tricuspid Regurgitation. JACC: Cardiovascular Imaging, 2021, 14, 1561-1568. | 5.3 | 25 |
| 49 | Clinical Characteristics and Outcomes of Adults With a History of Heart Failure Hospitalized for COVID-19. Circulation: Heart Failure, 2021, 14, e008354. | 3.9 | 25 |
| 50 | Immediate Impact of Prosthetic Graft Replacement of the Ascending Aorta on Circumferential Strain in the Descending Aorta. European Journal of Vascular and Endovascular Surgery, 2019, 58, 521-528. | 1.5 | 24 |
| 51 | Left Ventricle: Fully Automated Segmentation Based on Spatiotemporal Continuity and Myocardium Information in Cine Cardiac Magnetic Resonance Imaging (LV-FAST). BioMed Research International, 2015, 2015, 1-9. | 1.9 | 23 |
| 52 | Cardiac quantitative susceptibility mapping (QSM) for heart chamber oxygenation. Magnetic Resonance in Medicine, 2018, 79, 1545-1552. | 3.0 | 23 |
| 53 | Prognostic utility of differential tissue characterization of cardiac neoplasm and thrombus via late gadolinium enhancement cardiovascular magnetic resonance among patients with advanced systemic cancer. Journal of Cardiovascular Magnetic Resonance, 2016, 19, 76. | 3.3 | 22 |
| 54 | 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 |

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|---|---------|----|-----------| 
| 55 | Novel insights by 4D Flow imaging on aortic flow physiology after valve-sparing root replacement with or without neosinusesâ€. Interactive Cardiovascular and Thoracic Surgery, 2018, 26, 957-964. | 1.1 | 21 |
| 56 | Imaging of the Right Heartâ€"CT and CMR. Echocardiography, 2015, 32, S53-68. | 0.9 | 19 |
| 57 | Relationship between left atrial volume and ischemic stroke subtype. Annals of Clinical and Translational Neurology, 2019, 6, 1480-1486. | 3.7 | 19 |
| 58 | Mechanical effects of MitraClip on leaflet stress and myocardial strain in functional mitral regurgitation â€" A finite element modeling study. PLoS ONE, 2019, 14, e0223472. | 2.5 | 19 |
| 59 | Clinical Application of Cine-MRI in the Visual Assessment of Mitral Regurgitation Compared to Echocardiography and Cardiac Catheterization. PLoS ONE, 2012, 7, e40491. | 2.5 | 19 |
| 60 | Left ventricular geometric remodeling in relation to non-ischemic scar pattern on cardiac magnetic resonance imaging. International Journal of Cardiovascular Imaging, 2014, 30, 1559-1567. | 1.5 | 18 |
| 61 | Multimodality Imaging of the Right Ventricle. Current Treatment Options in Cardiovascular Medicine, 2017, 19, 82. | 0.9 | 18 |
| 62 | Aortic hemodynamics assessment prior and after valve sparing reconstruction: A patient-specific 4D flow-based FSI model. Computers in Biology and Medicine, 2021, 135, 104581. | 7.0 | 18 |
| 63 | 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 |
| 64 | Development of novel machine learning model for right ventricular quantification on echocardiographyâ€"A multimodality validation study. Echocardiography, 2020, 37, 688-697. | 0.9 | 17 |
| 65 | Effect of Myocardial Perfusion Pattern on Frequency and Severity of Mitral Regurgitation in Patients With Known or Suspected Coronary Artery Disease. American Journal of Cardiology, 2014, 114, 355-361. | 1.6 | 16 |
| 66 | Prosthetic aortic graft replacement of the ascending thoracic aorta alters biomechanics of the native descending aorta as assessed by transthoracic echocardiography. PLoS ONE, 2020, 15, e0230208. | 2.5 | 16 |
| 67 | Echocardiographic predictors of intraoperative right ventricular dysfunction: a 2D and speckle tracking echocardiography study. Cardiovascular Ultrasound, 2019, 17, 11. | 1.6 | 15 |
| 68 | Self-Gated Free-Breathing 3D Coronary CINE Imaging with Simultaneous Water and Fat Visualization. PLoS ONE, 2014, 9, e89315. | 2.5 | 15 |
| 69 | 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 |
| 70 | Late Gadolinium Enhancement Cardiac Magnetic Resonance Tissue Characterization for Cancerâ€Associated Cardiac Masses: Metabolic and Prognostic Manifestations in Relation to Wholeâ€Body Positron Emission Tomography. Journal of the American Heart Association, 2019, 8, e011709. | 3.7 | 14 |
| 71 | How Accurate Is MOLLI T1 Mapping In Vivo? Validation by Spin Echo Methods. PLoS ONE, 2014, 9, e107327. | 2.5 | 14 |
| 72 | Free breathing three-dimensional cardiac quantitative susceptibility mapping for differential cardiac chamber blood oxygenation â€" initial validation in patients with cardiovascular disease inclusive of direct comparison to invasive catheterization. Journal of Cardiovascular Magnetic Resonance, 2019, 21, 70. | 3.3 | 13 |

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| 73 | Short-Term Risk of Ischemic Stroke After Detection of Left Ventricular Thrombus on Cardiac Magnetic Resonance Imaging. Journal of Stroke and Cerebrovascular Diseases, 2019, 28, 1027-1031. | 1.6 | 13 |
| 74 | Ischemia-Mediated Dysfunction in Subpapillary Myocardium as a Marker of Functional Mitral Regurgitation. JACC: Cardiovascular Imaging, 2021, 14, 826-839. | 5.3 | 13 |
| 75 | 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 |
| 76 | MRI for the Assessment of Myocardial Viability. Magnetic Resonance Imaging Clinics of North America, 2007, 15, 505-525. | 1.1 | 12 |
| 77 | Longitudinal monitoring of cardiac siderosis using cardiovascular magnetic resonance <i>T</i>2* in patients with thalassemia major on various chelation regimens: A 6â€'year study. American Journal of Hematology, 2013, 88, 652-656. | 4.1 | 12 |
| 78 | Left Ventricular Stroke Volume Quantification by Contrast Echocardiography â€" Comparison of Linear and Flowâ€'Based Methods to Cardiac Magnetic Resonance. Echocardiography, 2013, 30, 880-888. | 0.9 | 12 |
| 79 | Echocardiographic linear fractional shortening for quantification of right ventricular systolic functionâ€"A cardiac magnetic resonance validation study. Echocardiography, 2017, 34, 348-358. | 0.9 | 12 |
| 80 | Ischemic Mitral Regurgitation: Abnormal Strain Overestimates Nonviable Myocardium. Annals of Thoracic Surgery, 2018, 105, 1754-1761. | 1.3 | 12 |
| 81 | Incremental Utility of Right Ventricular Dysfunction in Patients With Myeloproliferative Neoplasmâ€"Associated Pulmonary Hypertension. Journal of the American Society of Echocardiography, 2019, 32, 1574-1585. | 2.8 | 12 |
| 82 | Reduced regional flow in the left ventricle after anterior acute myocardial infarction: a case control study using 4D flow MRI. BMC Medical Imaging, 2019, 19, 101. | 2.7 | 12 |
| 83 | 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 |
| 84 | Cardiovascular Outcomes in Aortopathy. Journal of the American College of Cardiology, 2022, 79, 2069-2081. | 2.8 | 12 |
| 85 | Ischemic Mitral Regurgitation. Journal of the American College of Cardiology, 2014, 64, 1880-1882. | 2.8 | 11 |
| 86 | Neochord placement versus triangular resection in mitral valve repair: A finite element model. Journal of Surgical Research, 2016, 206, 98-105. | 1.6 | 11 |
| 87 | Echocardiographyâ€'quantified myocardial strainâ€"a marker of global and regional infarct size that stratifies likelihood of left ventricular thrombus. Echocardiography, 2017, 34, 1623-1632. | 0.9 | 10 |
| 88 | 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 |
| 89 | Left ventricular geometry predicts optimal response to percutaneous mitral repair via MitraClip: Integrated assessment by twoâ€'and threeâ€'dimensional echocardiography. Catheterization and Cardiovascular Interventions, 2019, 93, 1152-1160. | 1.7 | 10 |
| 90 | Diagnostic impact of SPECT image display on assessment of obstructive coronary artery disease. Journal of Nuclear Cardiology, 2007, 14, 659-668. | 2.1 | 9 |

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| 91 | Geometry-independent inclusion of basal myocardium yields improved cardiac magnetic resonance agreement with echocardiography and necropsy quantified left-ventricular mass. Journal of Hypertension, 2013, 31, 2069-2076. | 0.5 | 9 |
| 92 | A Novel MRI-Based Finite Element Modeling Method for Calculation of Myocardial Ischemia Effect in Patients With Functional Mitral Regurgitation. Frontiers in Physiology, 2020, 11, 158. | 2.8 | 9 |
| 93 | 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 |
| 94 | Free-Breathing 3D Imaging of Right Ventricular Structure and Function Using Respiratory and Cardiac Self-Gated Cine MRI. BioMed Research International, 2015, 2015, 1-9. | 1.9 | 8 |
| 95 | Serendipity and innovation: history and evolution of transthoracic echocardiography. Journal of Thoracic Disease, 2017, 9, S257-S263. | 1.4 | 8 |
| 96 | 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 |
| 97 | Myocardial deformation and acute cellular rejection after heart transplantation: Impact of interâ€vendor variability in diagnostic effectiveness. Echocardiography, 2019, 36, 2185-2194. | 0.9 | 8 |
| 98 | Transcatheter MitraClip repair alters mitral annular geometry â€" device induced annular remodeling on three-dimensional echocardiography predicts therapeutic response. Cardiovascular Ultrasound, 2019, 17, 31. | 1.6 | 8 |
| 99 | Tissue-based markers of right ventricular dysfunction in ischemic mitral regurgitation assessed via stress cardiac magnetic resonance and three-dimensional echocardiography. International Journal of Cardiovascular Imaging, 2019, 35, 683-693. | 1.5 | 8 |
| 100 | BOLD New Directions in Myocardial Ischemia Imagingâ€"Myocardial Oxygenation Assessment by Cardiac Magnetic Resonance. Journal of the American College of Cardiology, 2012, 59, 1965-1967. | 2.8 | 7 |
| 101 | Q wave area for stratification of global left ventricular infarct size. Coronary Artery Disease, 2014, 25, 138-144. | 0.7 | 7 |
| 102 | Undersized Mitral Annuloplasty Increases Strain in the Proximal Lateral Left Ventricular Wall. Annals of Thoracic Surgery, 2017, 103, 820-827. | 1.3 | 7 |
| 103 | Impact of Mitral Regurgitation Severity and Cause on Effort Toleranceâ€"Integrated Stress Myocardial Perfusion Imaging and Echocardiographic Assessment of Patients With Known or Suspected Coronary Artery Disease Undergoing Exercise Treadmill Testing. Journal of the American Heart Association, 2019, 8, e010974. | 3.7 | 7 |
| 104 | Associations between the size and location of myocardial infarction and cerebral infarction. Journal of the Neurological Sciences, 2020, 419, 117182. | 0.6 | 7 |
| 105 | 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 |
| 106 | Descending aortic strain quantification by intraâ€operative transesophageal echocardiography: Multimodality validation via cardiovascular magnetic resonance. Echocardiography, 2020, 37, 1820-1827. | 0.9 | 6 |
| 107 | Association of Right Ventricular Pressure and Volume Overload with Non-Ischemic Septal Fibrosis on Cardiac Magnetic Resonance. PLoS ONE, 2016, 11, e0147349. | 2.5 | 6 |
| 108 | Myocardial perfusion pattern for stratification of ischemic mitral regurgitation response to percutaneous coronary intervention. Coronary Artery Disease, 2015, 26, 642-650. | 0.7 | 5 |

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|---|---------|----|-----------|
| 109 | 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 |
| 110 | Diagnostic utility and clinical implication of late gadolinium enhancement cardiac magnetic resonance for detection of catheter associated right atrial thrombus. Clinical Imaging, 2020, 62, 17-22. | 1.5 | 4 |
| 111 | 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. Computers in Biology and Medicine, 2021, 137, 104840. | 7.0 | 4 |
| 112 | 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 |
| 113 | Characterizing cardiac phenotype in Friedreich's ataxia: The CARFA study. Archives of Cardiovascular Diseases, 2022, 115, 17-28. | 1.6 | 4 |
| 114 | â€œSecondâ€•Primary Cardiac Sarcoma in a Patient With Ewing Sarcoma. Always ExpectÂThe Unexpected. Annals of Thoracic Surgery, 2017, 103, e131-e133. | 1.3 | 3 |
| 115 | Aortic symmetry index: Initial validation of a novel preoperative predictor of recurrent aortic insufficiency after valve-sparing aortic root reconstruction. Journal of Thoracic and Cardiovascular Surgery, 2018, 156, 1393-1394. | 0.8 | 3 |
| 116 | Infiltrative Lymphoma-Associated Bradycardia and Cardiac Conduction Abnormalities. JACC: CardioOncology, 2020, 2, 135-138. | 4.0 | 3 |
| 117 | Electrocardiographic Pad for Efficient Cardiac MR Gating. Radiology, 2016, 278, 578-584. | 7.3 | 2 |
| 118 | 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. | 2.8 | 2 |
| 119 | Differential Effects of Aortic Valve Replacement on Aortic Circumferential Strain in Aortic Stenosis and Aortic Insufficiency. Journal of Cardiothoracic and Vascular Anesthesia, 2021, 35, 2707-2714. | 1.3 | 2 |
| 120 | Beyond the Mitral Valve. JACC: Cardiovascular Imaging, 2022, 15, 237-239. | 5.3 | 2 |
| 121 | Abstract 10135: Cardiotoxicity and Mortality in Chimeric Antigen Receptor T Cell Therapy Recipients. Circulation, 2021, 144, . | 1.6 | 2 |
| 122 | Myocardial Contractile Mechanics in Ischemic Mitral Regurgitation. JACC: Cardiovascular Imaging, 2022, , . | 5.3 | 2 |
| 123 | Thrombosis and Prognosis Following ST-Elevation Myocardial Infarction. Circulation: Cardiovascular Imaging, 2015, 8, e004098. | 2.6 | 1 |
| 124 | Differential myocardial strain in the early postoperative period in patients receiving arterial vs venous bypass grafts: A hypothesisâ€•generating study. Journal of Cardiac Surgery, 2020, 35, 1824-1831. | 0.7 | 1 |
| 125 | Life Interrupted. JACC: Cardiovascular Imaging, 2020, 13, 1834-1837. | 5.3 | 1 |
| 126 | Editorial for â€œReference Ranges, Diagnostic and Prognostic Utility of Native <scp>T1</scp> Mapping and Extracellular Volume for Cardiac Amyloidosis: A Metaâ€•analysisâ€• Journal of Magnetic Resonance Imaging, 2021, 53, 1469-1470. | 3.4 | 1 |

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| 127 | Relative Impact of Surgical Mitral Repair and MitraClip on Annular Remodeling—A Potential Mechanism for Therapeutic Response to Mitral Repair for Degenerative Mitral Regurgitation. Journal of Cardiothoracic and Vascular Anesthesia, 2021, , . | 1.3 | 1 |
| 128 | Abstract 172: Duration of Heightened Stroke Risk after Acute Myocardial Infarction. Stroke, 2018, 49, . | 2.0 | 1 |
| 129 | A Young Man With Heart Failure, Diffuse Cardiac Thrombi, and Stroke. Journal of Thoracic Imaging, 2010, 25, W128-W130. | 1.5 | 1 |
| 130 | Abstract 121: Machine Learning Prediction of Stroke Mechanism in Embolic Strokes of Undetermined Source. Stroke, 2019, 50, . | 2.0 | 1 |
| 131 | Right Ventricular Shape Distortion in Tricuspid Regurgitation. , 2020, 47, . | | 1 |
| 132 | Noninvasive functional imaging of the heart using MRI: opportunities and challenges. , 2007, , . | | 0 |
| 133 | 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 |
| 134 | Cardiac anatomy as a biometric. , 2012, , . | | 0 |
| 135 | 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 |
| 136 | Delayed cardiac perforation of the Durata implantable cardioverter-defibrillator lead more than 1 year after implantation. HeartRhythm Case Reports, 2016, 2, 377-378. | 0.4 | 0 |
| 137 | Four-dimensional flow magnetic resonance imaging: Beyond beautiful pictures!. Journal of Thoracic and Cardiovascular Surgery, 2019, 157, 477-478. | 0.8 | 0 |
| 138 | Response to Letter to the Editor re 'Impact of Prosthetic Graft Replacement of the Ascending Aorta on Circumferential Strain in the Descending Aorta'. European Journal of Vascular and Endovascular Surgery, 2020, 59, 157. | 1.5 | 0 |
| 139 | Cardiac Pseudotumor Simulated by Ascitic Pseudocyst: Cross-sectional Imaging Findings of a Rare Complication of Peritoneovenous Shunting. Radiology: Cardiothoracic Imaging, 2020, 2, e200311. | 2.5 | 0 |
| 140 | Masses Involving the Heart and Vasculature. , 2021, , 127-137. | | 0 |
| 141 | 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 |
| 142 | Abstract WMP51: Risk and Timing of of Ischemic Stroke Following Acute Myocardial Infarction. Stroke, 2017, 48, . | 2.0 | 0 |
| 143 | Abstract TP191: Association Between Myocardial Infarction and Brain Infarction on Magnetic Resonance Imaging. Stroke, 2018, 49, . | 2.0 | 0 |
| 144 | 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 |

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|---|---------|----|----------|
| 145 | Abstract WP264: Relationship between Left Atrial Volume and Ischemic Stroke Subtype. Stroke, 2019, 50, . | 2.0 | 0 |
| 146 | Abstract WP522: Catheter Ablation of Atrial Fibrillation and Long-Term Cardiovascular Outcomes. Stroke, 2019, 50, . | 2.0 | 0 |
| 147 | Abstract WP232: Association Between Myocardial Infarction Size and Location and Cerebral Infarction. Stroke, 2020, 51, . | 2.0 | 0 |
| 148 | Editorial for â€œMagnetic Resonance Assessment of Left Ventricular Ejection Fraction at Any Time <scp>Postâ€‐Infarction</scp> for Prediction of Subsequent Events in a Large Multicenter <scp>STEMI</scp> Registryâ€. Journal of Magnetic Resonance Imaging, 2022, 56, 488-489. | 3.4 | 0 |