

Brian Burns Ghoshhajra

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

188
papers

4,210
citations

35
h-index

59
g-index

203
ext. papers

5,177
ext. citations

5.2
avg, IF

5.18
L-index

#	Paper	IF	Citations
188	Adenosine-induced stress myocardial perfusion imaging using dual-source cardiac computed tomography. <i>Journal of the American College of Cardiology</i> , 2009 , 54, 1072-84	15.1	331
187	Prognostic value of nonobstructive and obstructive coronary artery disease detected by coronary computed tomography angiography to identify cardiovascular events. <i>Circulation: Cardiovascular Imaging</i> , 2014 , 7, 282-91	3.9	219
186	Incremental value of adenosine-induced stress myocardial perfusion imaging with dual-source CT at cardiac CT angiography. <i>Radiology</i> , 2010 , 254, 410-9	20.5	204
185	CMR quantification of myocardial scar provides additive prognostic information in nonischemic cardiomyopathy. <i>JACC: Cardiovascular Imaging</i> , 2013 , 6, 944-54	8.4	141
184	Congenital heart disease in the older adult: a scientific statement from the American Heart Association. <i>Circulation</i> , 2015 , 131, 1884-931	16.7	140
183	Effect of Omega-3 Acid Ethyl Esters on Left Ventricular Remodeling After Acute Myocardial Infarction: The OMEGA-REMODEL Randomized Clinical Trial. <i>Circulation</i> , 2016 , 134, 378-91	16.7	112
182	Computed Tomography Imaging in Patients with Congenital Heart Disease Part I: Rationale and Utility. An Expert Consensus Document of the Society of Cardiovascular Computed Tomography (SCCT): Endorsed by the Society of Pediatric Radiology (SPR) and the North American Society of Cardiac Imaging (NASCI). <i>Journal of Cardiovascular Computed Tomography</i> , 2015 , 9, 475-92	2.8	88
181	Direct comparison of rest and adenosine stress myocardial perfusion CT with rest and stress SPECT. <i>Journal of Nuclear Cardiology</i> , 2010 , 17, 27-37	2.1	83
180	Computed Tomography Imaging in Patients with Congenital Heart Disease, Part 2: Technical Recommendations. An Expert Consensus Document of the Society of Cardiovascular Computed Tomography (SCCT): Endorsed by the Society of Pediatric Radiology (SPR) and the North American Society of Cardiac Imaging (NASCI). <i>Journal of Cardiovascular Computed Tomography</i> , 2015 , 9, 493-519	2.8	80
179	The utility of delayed-enhancement and t2-weighted cardiovascular mri for predicting clinical outcomes in patients at high risk for cardiac sarcoidosis. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2011 , 13,	6.9	78
178	High-risk coronary plaque at coronary CT angiography is associated with nonalcoholic fatty liver disease, independent of coronary plaque and stenosis burden: results from the ROMICAT II trial. <i>Radiology</i> , 2015 , 274, 693-701	20.5	77
177	Effects of losartan on left ventricular hypertrophy and fibrosis in patients with nonobstructive hypertrophic cardiomyopathy. <i>JACC: Heart Failure</i> , 2013 , 1, 480-7	7.9	75
176	An HDAC9-MALAT1-BRG1 complex mediates smooth muscle dysfunction in thoracic aortic aneurysm. <i>Nature Communications</i> , 2018 , 9, 1009	17.4	72
175	Coronary artery disease detected by coronary computed tomographic angiography is associated with intensification of preventive medical therapy and lower low-density lipoprotein cholesterol. <i>Circulation: Cardiovascular Imaging</i> , 2014 , 7, 629-38	3.9	70
174	Late gadolinium enhancement among survivors of sudden cardiac arrest. <i>JACC: Cardiovascular Imaging</i> , 2015 , 8, 414-423	8.4	65
173	Association of pericardial fat and coronary high-risk lesions as determined by cardiac CT. <i>Atherosclerosis</i> , 2012 , 222, 129-34	3.1	62
172	Radiation dose reduction in pediatric cardiac computed tomography: experience from a tertiary medical center. <i>Pediatric Cardiology</i> , 2014 , 35, 171-9	2.1	61

171	A computed tomography-based coronary lesion score to predict acute coronary syndrome among patients with acute chest pain and significant coronary stenosis on coronary computed tomographic angiogram. <i>American Journal of Cardiology</i> , 2012 , 110, 183-9	3	60
170	A randomized, multicenter, multivendor study of myocardial perfusion imaging with regadenoson CT perfusion vs single photon emission CT. <i>Journal of Cardiovascular Computed Tomography</i> , 2015 , 9, 103-12.e1-2	2.8	56
169	Anomalous origin of the coronary artery arising from the opposite sinus: prevalence and outcomes in patients undergoing coronary CTA. <i>European Heart Journal Cardiovascular Imaging</i> , 2017 , 18, 224-235	4.1	55
168	Anatomical and Functional Computed Tomography for Diagnosing Hemodynamically Significant Coronary Artery Disease: A Meta-Analysis. <i>JACC: Cardiovascular Imaging</i> , 2019 , 12, 1316-1325	8.4	55
167	Imaging of venous compression syndromes. <i>Cardiovascular Diagnosis and Therapy</i> , 2016 , 6, 519-532	2.6	51
166	FDG-PET imaging for oxidized LDL in stable atherosclerotic disease: a phase II study of safety, tolerability, and anti-inflammatory activity. <i>JACC: Cardiovascular Imaging</i> , 2015 , 8, 493-494	8.4	48
165	Usefulness of comprehensive cardiothoracic computed tomography in the evaluation of acute undifferentiated chest discomfort in the emergency department (CAPTURE). <i>American Journal of Cardiology</i> , 2011 , 107, 643-50	3	45
164	Perivascular Epicardial Fat Stranding at Coronary CT Angiography: A Marker of Acute Plaque Rupture and Spontaneous Coronary Artery Dissection. <i>Radiology</i> , 2018 , 287, 808-815	20.5	43
163	Coronary-Pulmonary Artery Fistulas: A Systematic Review. <i>Journal of Thoracic Imaging</i> , 2016 , 31, 380-390	5.6	43
162	Incremental prognostic value of coronary artery calcium score versus CT angiography among symptomatic patients without known coronary artery disease. <i>Atherosclerosis</i> , 2014 , 233, 190-5	3.1	43
161	ACC/AATS/AHA/ASE/ASNC/HRS/SCAI/SCCT/SCMR/STS 2019 Appropriate Use Criteria for Multimodality Imaging in the Assessment of Cardiac Structure and Function in Nonvalvular Heart Disease: A Report of the American College of Cardiology Appropriate Use Criteria Task Force, American Association for Thoracic Surgery, American Heart Association, American Society of	15.1	42
160	Evolution of coronary computed tomography radiation dose reduction at a tertiary referral center. <i>American Journal of Medicine</i> , 2012 , 125, 764-72 Interventions, Society of Cardiol. <i>Journal of the American College of Cardiology</i> , 2019 , 73, 488-516	2.4	42
159	Cardiac computed tomography angiography with automatic tube potential selection: effects on radiation dose and image quality. <i>Journal of Thoracic Imaging</i> , 2013 , 28, 40-8	5.6	42
158	Increased coronary artery calcium score and noncalcified plaque among HIV-infected men: relationship to metabolic syndrome and cardiac risk parameters. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2010 , 55, 495-9	3.1	42
157	Defining left ventricular noncompaction using cardiac computed tomography. <i>Journal of Thoracic Imaging</i> , 2014 , 29, 60-6	5.6	38
156	Coronary computed tomography angiography during arrhythmia: Radiation dose reduction with prospectively ECG-triggered axial and retrospectively ECG-gated helical 128-slice dual-source CT. <i>Journal of Cardiovascular Computed Tomography</i> , 2012 , 6, 172-183.e2	2.8	37
155	Relationship Between Measures of Adiposity, Arterial Inflammation, and Subsequent Cardiovascular Events. <i>Circulation: Cardiovascular Imaging</i> , 2016 , 9, e004043	3.9	36
154	Risk Factors, Imaging Findings, and Sex Differences in Spontaneous Coronary Artery Dissection. <i>American Journal of Cardiology</i> , 2019 , 123, 1783-1787	3	34

153	Ultra-low contrast computed tomographic angiography (CTA) with 20-mL total dose for transcatheter aortic valve implantation (TAVI) planning. <i>Journal of Computer Assisted Tomography</i> , 2014 , 38, 105-9	2.2	34
152	Comparison of the Diamond-Forrester method and Duke Clinical Score to predict obstructive coronary artery disease by computed tomographic angiography. <i>American Journal of Cardiology</i> , 2012 , 109, 998-1004	3	34
151	Interpreting the interpretations: the use of structured reporting improves referring clinicians' comprehension of coronary CT angiography reports. <i>Journal of the American College of Radiology</i> , 2013 , 10, 432-8	3.5	33
150	Real-time fusion of coronary CT angiography with x-ray fluoroscopy during chronic total occlusion PCI. <i>European Radiology</i> , 2017 , 27, 2464-2473	8	32
149	Effect of the 2010 task force criteria on reclassification of cardiovascular magnetic resonance criteria for arrhythmogenic right ventricular cardiomyopathy. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2014 , 16, 47	6.9	32
148	Cost-effectiveness of follow-up of pulmonary nodules incidentally detected on cardiac computed tomographic angiography in patients with suspected coronary artery disease. <i>Circulation</i> , 2014 , 130, 668-75	16.7	31
147	Cardiopulmonary Exercise Testing in Patients Following Massive and Submassive Pulmonary Embolism. <i>Journal of the American Heart Association</i> , 2018 , 7,	6	29
146	Perfusion decellularization of a human limb: A novel platform for composite tissue engineering and reconstructive surgery. <i>PLoS ONE</i> , 2018 , 13, e0191497	3.7	29
145	Ascending thoracic aorta: postoperative imaging evaluation. <i>Radiographics</i> , 2013 , 33, 73-85	5.4	29
144	Gain-of-function mutations in SMAD4 cause a distinctive repertoire of cardiovascular phenotypes in patients with Myhre syndrome. <i>American Journal of Medical Genetics, Part A</i> , 2016 , 170, 2617-31	2.5	29
143	Computed tomography-based fat and muscle characteristics are associated with mortality after transcatheter aortic valve replacement. <i>Journal of Cardiovascular Computed Tomography</i> , 2018 , 12, 223-228	2.8	26
142	Assessment of image quality and radiation dose of prospectively ECG-triggered adaptive dual-source coronary computed tomography angiography (cCTA) with arrhythmia rejection algorithm in systole versus diastole: a retrospective cohort study. <i>International Journal of Cardiovascular Imaging</i> , 2019 , 29, 1211-70	2.5	26
141	Anomalous Aortic Origin of a Coronary Artery: Surgical Repair With Anatomic- and Function-Based Follow-Up. <i>Annals of Thoracic Surgery</i> , 2016 , 101, 169-75; discussion 175-6	2.7	25
140	Characteristics and Outcomes of Ascending Versus Descending Thoracic Aortic Aneurysms. <i>American Journal of Cardiology</i> , 2016 , 117, 1683-1690	3	25
139	ACC/AATS/AHA/ASE/ASNC/HRS/SCAI/SCCT/SCMR/STS 2019 Appropriate Use Criteria for Multimodality Imaging in the Assessment of Cardiac Structure and Function in Nonvalvular Heart Disease: A Report of the American College of Cardiology Appropriate Use Criteria Task Force, American Association for Thoracic Surgery, American Heart Association, American Society of	5.8	23
138	Early resting myocardial computed tomography perfusion for the detection of acute coronary syndrome in patients with coronary artery disease. <i>Circulation: Cardiovascular Imaging</i> , 2015 , 8, e002404	3.9	23
137	Advances in cardiac CT contrast injection and acquisition protocols. <i>Cardiovascular Diagnosis and Therapy</i> , 2017 , 7, 439-451	2.6	23
136	Central Core Laboratory versus Site Interpretation of Coronary CT Angiography: Agreement and Association with Cardiovascular Events in the PROMISE Trial. <i>Radiology</i> , 2018 , 287, 87-95	20.5	23

135	The aortic valve calcium nodule score (AVCNS) independently predicts paravalvular regurgitation after transcatheter aortic valve replacement (TAVR). <i>Journal of Cardiovascular Computed Tomography</i> , 2014 , 8, 131-40	2.8	23
134	Prospectively ECG-triggered high-pitch spiral acquisition for cardiac CT angiography in routine clinical practice: initial results. <i>Journal of Thoracic Imaging</i> , 2012 , 27, 194-201	5.6	23
133	Obesity, metabolic syndrome and cardiovascular prognosis: from the Partners coronary computed tomography angiography registry. <i>Cardiovascular Diabetology</i> , 2017 , 16, 14	8.7	22
132	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	2.8	22
131	Clinical implementation of an emergency department coronary computed tomographic angiography protocol for triage of patients with suspected acute coronary syndrome. <i>European Radiology</i> , 2017 , 27, 2784-2793	8	21
130	Stress CT perfusion: coupling coronary anatomy with physiology. <i>Journal of Nuclear Cardiology</i> , 2012 , 19, 588-600	2.1	21
129	Direct chest area measurement: A potential anthropometric replacement for BMI to inform cardiac CT dose parameters?. <i>Journal of Cardiovascular Computed Tomography</i> , 2011 , 5, 240-6	2.8	21
128	Spontaneous coronary artery dissection and its association with takotsubo syndrome: Novel insights from a tertiary center registry. <i>Catheterization and Cardiovascular Interventions</i> , 2020 , 95, 485-491	2.7	21
127	Coronary CT angiography in the emergency department utilizing second and third generation dual source CT. <i>Journal of Cardiovascular Computed Tomography</i> , 2017 , 11, 249-257	2.8	20
126	Elimination of Transcoarctation Pressure Gradients Has No Impact on Left Ventricular Function or Aortic Shear Stress After Intervention in Patients With Mild Coarctation. <i>JACC: Cardiovascular Interventions</i> , 2016 , 9, 1953-65	5	20
125	Diagnostic Accuracy of Advanced Imaging in Cardiac Sarcoidosis. <i>Circulation: Cardiovascular Imaging</i> , 2019 , 12, e008975	3.9	18
124	Prognostic Value of Coronary Computed Tomography Angiography in Patients With Diabetes: A Meta-analysis. <i>Diabetes Care</i> , 2016 , 39, 1274-80	14.6	17
123	ACC/AATS/AHA/ASE/ASNC/HRS/SCAI/SCCT/SCMR/STS 2017 Appropriate Use Criteria for Multimodality Imaging in Valvular Heart Disease: A Report of the American College of Cardiology Appropriate Use Criteria Task Force, American Association for Thoracic Surgery, American Heart Association, American Society of Echocardiography, American Society of Nuclear Cardiology, Heart	5.8	16
122	Adult congenital heart disease imaging with second-generation dual-source computed tomography: initial experiences and findings. <i>Congenital Heart Disease</i> , 2012 , 7, 516-25 <i>an Society of Echocardiography</i> , 2018 , 31, 381-404	3.1	16
121	The effect of heart rhythm on patient radiation dose with dual-source cardiac computed tomography. <i>Journal of Cardiovascular Computed Tomography</i> , 2011 , 5, 255-63	2.8	16
120	Vascular computed tomography angiography technique and indications. <i>Cardiovascular Diagnosis and Therapy</i> , 2019 , 9, S14-S27	2.6	15
119	Imaging of atherosclerosis. <i>International Journal of Cardiovascular Imaging</i> , 2016 , 32, 5-12	2.5	14
118	Incidental pulmonary nodules in emergent coronary CT angiography for suspected acute coronary syndrome: Impact of revised 2017 Fleischner Society Guidelines. <i>Journal of Cardiovascular Computed Tomography</i> , 2018 , 12, 28-33	2.8	14

117	New and evolving concepts in CT for abdominal vascular imaging. <i>Radiographics</i> , 2014 , 34, 1363-84	5.4	14
116	Embryology and developmental defects of the interatrial septum. <i>American Journal of Roentgenology</i> , 2010 , 195, 1100-4	5.4	14
115	CT angiography of the thoracic aorta. <i>Radiologic Clinics of North America</i> , 2010 , 48, 249-64, vii	2.3	14
114	Prognostic value of coronary CTA vs. exercise treadmill testing: results from the Partners registry. <i>European Heart Journal Cardiovascular Imaging</i> , 2015 , 16, 1338-46	4.1	13
113	Incremental prognostic value of kidney function decline over coronary artery disease for cardiovascular event prediction after coronary computed tomography. <i>Kidney International</i> , 2015 , 88, 152-9	9.9	13
112	A comparison of reconstruction and viewing parameters on image quality and accuracy of stress myocardial CT perfusion. <i>Journal of Cardiovascular Computed Tomography</i> , 2011 , 5, 459-66	2.8	13
111	HDAC9 complex inhibition improves smooth muscle-dependent stenotic vascular disease. <i>JCI Insight</i> , 2019 , 4,	9.9	13
110	Update on the Role of Cardiac Magnetic Resonance in Acquired Nonischemic Cardiomyopathies. <i>Journal of Thoracic Imaging</i> , 2016 , 31, 348-366	5.6	12
109	Computed Tomography Angiography of the Thoracic Aorta. <i>Radiologic Clinics of North America</i> , 2016 , 54, 13-33	2.3	12
108	Safety of coronary CT angiography and functional testing for stable chest pain in the PROMISE trial: A randomized comparison of test complications, incidental findings, and radiation dose. <i>Journal of Cardiovascular Computed Tomography</i> , 2017 , 11, 373-382	2.8	12
107	Infarct detection with a comprehensive cardiac CT protocol. <i>Journal of Cardiovascular Computed Tomography</i> , 2012 , 6, 14-23	2.8	12
106	Medical Registry Data Collection Efficiency: A Crossover Study Comparing Web-Based Electronic Data Capture and a Standard Spreadsheet. <i>Journal of Medical Internet Research</i> , 2016 , 18, e141	7.6	12
105	Coronary CTA using scout-based automated tube potential and current selection algorithm, with breast displacement results in lower radiation exposure in females compared to males. <i>Cardiovascular Diagnosis and Therapy</i> , 2014 , 4, 470-9	2.6	12
104	Dose optimization in cardiac CT. <i>Physica Medica</i> , 2017 , 41, 97-103	2.7	11
103	Cardiometabolic risk is associated with atherosclerotic burden and prognosis: results from the partners coronary computed tomography angiography registry. <i>Diabetes Care</i> , 2014 , 37, 555-64	14.6	11
102	Preventive Management of Nonobstructive CAD After Coronary CT Angiography in the Emergency Department. <i>JACC: Cardiovascular Imaging</i> , 2020 , 13, 437-448	8.4	11
101	Cervical artery dissection expands the cardiovascular phenotype in FBN1-related Weill-Marchesani syndrome. <i>American Journal of Medical Genetics, Part A</i> , 2017 , 173, 2551-2556	2.5	10
100	Imaging of Cardiovascular Disease in Pregnancy and the Peripartum Period. <i>Current Treatment Options in Cardiovascular Medicine</i> , 2017 , 19, 94	2.1	10

99	Recent advances in cardiac computed tomography dose reduction strategies: a review of scientific evidence and technical developments. <i>Journal of Medical Imaging</i> , 2017 , 4, 031211	2.6	10
98	Coronary computed tomography angiography at 140 kV versus 120 kV: assessment of image quality and radiation exposure in overweight and moderately obese patients. <i>Acta Radiologica</i> , 2014 , 55, 554-62 ²		10
97	Advanced adaptive axial-sequential prospectively electrocardiogram-triggered dual-source coronary computed tomographic angiography in a patient with atrial fibrillation. <i>Journal of Computer Assisted Tomography</i> , 2011 , 35, 747-8	2.2	10
96	Massive Pulmonary Artery Aneurysm Causing Left Main Coronary Artery Compression in the Absence of Pulmonary Hypertension. <i>Texas Heart Institute Journal</i> , 2015 , 42, 465-7	0.8	10
95	Cross-sectional imaging of sinus of Valsalva aneurysms: lessons learned. <i>Diagnostic and Interventional Radiology</i> , 2017 , 23, 339-346	3.2	10
94	Multimodality imaging assessment of endoleaks post-endovascular aortic repair. <i>British Journal of Radiology</i> , 2018 , 91, 20180013	3.4	9
93	Feasibility of aortic valve assessment with low dose prospectively triggered adaptive systolic (PTAS) cardiac computed tomography angiography. <i>BMC Research Notes</i> , 2013 , 6, 158	2.3	9
92	Ultrasmall superparamagnetic iron oxide nanoparticle uptake as noninvasive marker of aortic wall inflammation on MRI: proof of concept study. <i>British Journal of Radiology</i> , 2018 , 91, 20180461	3.4	9
91	Role of Computed Tomography in Assessment of the Thoracic Aorta. <i>Current Treatment Options in Cardiovascular Medicine</i> , 2015 , 17, 395	2.1	8
90	A comparison of postprocedural anticoagulation in high-risk patients undergoing WATCHMAN device implantation. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2019 , 42, 1304-1309	1.6	8
89	Weekly dose reports: the effects of a continuous quality improvement initiative on coronary computed tomography angiography radiation doses at a tertiary medical center. <i>Academic Radiology</i> , 2013 , 20, 1015-23	4.3	8
88	Cardiac CT of non-shunt pathology of the interatrial septum. <i>Journal of Cardiovascular Computed Tomography</i> , 2011 , 5, 93-100	2.8	8
87	Venous thrombosis, thromboembolism, biomarkers of inflammation, and coagulation in coronavirus disease 2019. <i>Journal of Vascular Surgery: Venous and Lymphatic Disorders</i> , 2021 , 9, 835-844. ^{3.2}	3.2	8
86	Multimodality imaging of spontaneous coronary artery dissection: case studies of the Massachusetts General Hospital. <i>Coronary Artery Disease</i> , 2016 , 27, 70-1	1.4	8
85	ACR Appropriateness Criteria Chronic Chest Pain-High Probability of Coronary Artery Disease. <i>Journal of the American College of Radiology</i> , 2017 , 14, S71-S80	3.5	7
84	Detection of Cardiac Incidental Findings on Routine Chest CT: The Impact of Dedicated Training in Cardiac Imaging. <i>Journal of the American College of Radiology</i> , 2018 , 15, 1153-1157	3.5	7
83	Understanding the impact of QostQ under MACRA: a neurointerventional imperative!. <i>Journal of NeuroInterventional Surgery</i> , 2018 , 10, 1005-1011	7.8	7
82	Identification of coronary artery calcification can optimize risk stratification in patients with acute chest pain. <i>International Journal of Cardiology</i> , 2017 , 249, 473-478	3.2	7

81	Deep vein thrombosis protocol optimization to minimize healthcare worker exposure in coronavirus disease-2019. <i>Journal of Vascular Surgery: Venous and Lymphatic Disorders</i> , 2021 , 9, 299-306	3.2	7
80	Updates on Stress Imaging Testing and Myocardial Viability With Advanced Imaging Modalities. <i>Current Treatment Options in Cardiovascular Medicine</i> , 2017 , 19, 26	2.1	6
79	Relationship Between Proximal Aorta Morphology and Progression Rate of Aortic Stenosis. <i>Journal of the American Society of Echocardiography</i> , 2018 , 31, 561-569.e1	5.8	6
78	Reporting scan time reduces cardiac MR examination duration. <i>Journal of the American College of Radiology</i> , 2014 , 11, 425-8	3.5	6
77	Clinical experiences of delayed contrast enhancement with cardiac computed tomography: case series. <i>BMC Research Notes</i> , 2013 , 6, 2	2.3	6
76	SIR 2006 Annual Meeting Film Panel Case: radiation-induced cerebral aneurysms. <i>Journal of Vascular and Interventional Radiology</i> , 2006 , 17, 1891-6	2.4	6
75	Role of Coronary CT Angiography in Spontaneous Coronary Artery Dissection. <i>Radiology: Cardiothoracic Imaging</i> , 2020 , 2, e200364	8.3	6
74	Identification of Cardiovascular Monosodium Urate Crystal Deposition in Patients With Gout Using Dual-Energy Computed Tomography. <i>JAMA Cardiology</i> , 2020 , 5, 486	16.2	5
73	Case records of the Massachusetts General Hospital. Case 35-2014: a 31-year-old woman with fevers, chest pain, and a history of HCV infection and substance-use disorder. <i>New England Journal of Medicine</i> , 2014 , 371, 1918-26	59.2	5
72	Feasibility of a radiation dose conserving CT protocol for myocardial function assessment. <i>British Journal of Radiology</i> , 2014 , 87, 20130755	3.4	5
71	DeepAAA: Clinically Applicable and Generalizable Detection of Abdominal Aortic Aneurysm Using Deep Learning. <i>Lecture Notes in Computer Science</i> , 2019 , 723-731	0.9	5
70	Direct Planimetry of Left Ventricular Outflow Tract Area by Simultaneous Biplane Imaging: Challenging the Need for a Circular Assumption of the Left Ventricular Outflow Tract in the Assessment of Aortic Stenosis. <i>Journal of the American Society of Echocardiography</i> , 2020 , 33, 461-468	5.8	4
69	Availability and Location of Cardiac CT and MR Services in Massachusetts. <i>Journal of the American College of Radiology</i> , 2018 , 15, 618-621	3.5	4
68	Defining the optimal systolic phase targets using absolute delay time for reconstructions in dual-source coronary CT angiography. <i>International Journal of Cardiovascular Imaging</i> , 2016 , 32, 91-100	2.5	4
67	Novel lead-free drape applied to the X-ray detector protects against scatter radiation in the angiography suite. <i>Journal of Vascular and Interventional Radiology</i> , 2014 , 25, 1200-8	2.4	4
66	Feasibility of C-arm computed tomography for transcatheter aortic valve replacement planning. <i>Journal of Cardiovascular Computed Tomography</i> , 2014 , 8, 33-43	2.8	4
65	Treated HIV Infection and Progression of Carotid Atherosclerosis in Rural Uganda: A Prospective Observational Cohort Study. <i>Journal of the American Heart Association</i> , 2021 , 10, e019994	6	4
64	A review of adherence to the guidelines for coronary CT angiography quantitative stenosis grading thresholds in published research. <i>Postgraduate Medicine</i> , 2015 , 127, 194-201	3.7	3

63	CASE RECORDS of the MASSACHUSETTS GENERAL HOSPITAL. Case 9-2016. A 29-Year-Old Man with Dyspnea and Chest Pain. <i>New England Journal of Medicine</i> , 2016 , 374, 1178-88	59.2	3
62	Left ventricular wall thickness assessed by cardiac computed tomography and cardiac resynchronization therapy outcomes. <i>Europace</i> , 2020 , 22, 401-411	3.9	3
61	ACR Appropriateness Criteria□ Acute Nonspecific Chest Pain-Low Probability of Coronary Artery Disease. <i>Journal of the American College of Radiology</i> , 2020 , 17, S346-S354	3.5	3
60	ACR Appropriateness Criteria□ Blunt Chest Trauma-Suspected Cardiac Injury. <i>Journal of the American College of Radiology</i> , 2020 , 17, S380-S390	3.5	3
59	Subclinical Burden of Coronary Artery Calcium in Patients With Coarctation of the Aorta. <i>American Journal of Cardiology</i> , 2019 , 123, 323-328	3	3
58	Diagnostic Performance of Coronary CTA in Intermediate-to-High-Risk Patients for Suspected Acute Coronary Syndrome: Results From an Emergency Department Registry. <i>JACC: Cardiovascular Imaging</i> , 2018 , 11, 1369-1371	8.4	3
57	Preoperative evaluation for coronary atherosclerosis with computed tomography angiography in intravenous drug users: an emerging indication in the face of a growing threat. <i>International Journal of Cardiovascular Imaging</i> , 2016 , 32, 131-5	2.5	2
56	Computed Tomography-Guided Assessment of Response to Cardiac Resynchronization Therapy. <i>JACC: Clinical Electrophysiology</i> , 2019 , 5, 987-989	4.6	2
55	Recommendations for risk stratified use of cardiac computed tomography for congenital heart disease during the COVID-19 pandemic. <i>Journal of Cardiovascular Computed Tomography</i> , 2020 , 14, 291-293	2.8	2
54	Beyond stenotic degree assessment in carotid atherosclerotic lesions: single catheter near-infrared spectroscopy and intravascular ultrasound. <i>International Journal of Cardiovascular Imaging</i> , 2016 , 32, 201-3	2.5	2
53	A novel analysis algorithm for potential quantitative assessment of myocardial computed tomography perfusion. <i>Academic Radiology</i> , 2013 , 20, 1301-5	4.3	2
52	Magnetic resonance imaging for hypertrophic cardiomyopathy update. <i>Topics in Magnetic Resonance Imaging</i> , 2014 , 23, 33-41	2.3	2
51	Comparison of dual-source 64-slice adenosine stress CT perfusion with stress-gated SPECT-MPI for evaluation of left ventricular function and volumes. <i>Journal of Cardiovascular Computed Tomography</i> , 2012 , 6, 24-30	2.8	2
50	Using Keynote to present radiology images. <i>Journal of Digital Imaging</i> , 2011 , 24, 844-7	5.3	2
49	A 57-Year-Old Man With Insidious Dyspnea and Nonpleuritic Chest and Back Pain. <i>Chest</i> , 2016 , 150, e41-5.3	5.3	2
48	ACC/AATS/AHA/ASE/ASNC/HRS/SCAI/SCCT/SCMR/STS 2019 appropriate use criteria for multimodality imaging in the assessment of cardiac structure and function in nonvalvular heart disease: A report of the American College of Cardiology Appropriate Use Criteria Task Force, American Association for Thoracic Surgery, American Heart Association, American Society of	1.5	2
47	Familial Anomalous Origin of Right Coronary Artery from the Left Coronary Sinus. <i>American Journal of Cardiology</i> , 2018 , 122, 1800-1802 Interventions, Society of Cardiol. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019 , 157, e153-e182	3	2
46	Dehiscence of a pulmonary bioprosthesis with a focal dissection of the pulmonary artery in a patient with congenital pulmonic stenosis. <i>Echocardiography</i> , 2017 , 34, 776-778	1.5	1

45	Pregnancy in Familial Left Ventricular Noncompaction-Associated Cardiomyopathy. <i>JACC: Case Reports</i> , 2020 , 2, 120-124	1.2	1
44	Complications of Intravenous Substance Use Disorders (SUDs): A Multimodality Pictorial Essay for Cardiothoracic Radiologists. <i>Journal of Thoracic Imaging</i> , 2018 , 33, W1-W12	5.6	1
43	Adherence to the 2010 American College of Cardiology Foundation Appropriate Use Criteria for Cardiac Computed Tomography: Quality Analysis at a Tertiary Referral Center. <i>Journal of Patient Safety</i> , 2016 , 12, 40-3	1.9	1
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