

Brian Burns Ghoshhajra

List of Publications by Year in Descending Order

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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	Sex modifies the association between HIV and coronary artery disease among older adults in Uganda.. <i>Journal of the International AIDS Society</i> , 2022 , 25, e25868	5.4	0
187	Quantification of the Thoracic Aorta and Detection of Aneurysm at CT: Development and Validation of a Fully Automatic Methodology.. <i>Radiology: Artificial Intelligence</i> , 2022 , 4, e210076	8.7	1
186	ACR Appropriateness Criteria□ Chronic Chest Pain-High Probability of Coronary Artery Disease: 2021 Update.. <i>Journal of the American College of Radiology</i> , 2022 , 19, S1-S18	3.5	0
185	ACR Appropriateness Criteria□ Suspected Acute Aortic Syndrome. <i>Journal of the American College of Radiology</i> , 2021 , 18, S474-S481	3.5	1
184	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
183	ACR Appropriateness Criteria□ Infective Endocarditis. <i>Journal of the American College of Radiology</i> , 2021 , 18, S52-S61	3.5	1
182	ACR Appropriateness Criteria□ Syncope. <i>Journal of the American College of Radiology</i> , 2021 , 18, S229-S238	3.5	0
181	ACR Appropriateness Criteria□ Asymptomatic Patient at Risk for Coronary Artery Disease: 2021 Update. <i>Journal of the American College of Radiology</i> , 2021 , 18, S2-S12	3.5	1
180	Catastrophic Thrombotic Storm. <i>Clinical Imaging</i> , 2021 , 74, 64-66	2.7	
179	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
178	Coronary Artery Disease Reporting and Data System (CAD-RADS) Adoption: Analysis of Local Trends in a Large Academic Medical Center. <i>Radiology: Cardiothoracic Imaging</i> , 2021 , 3, e210016	8.3	1
177	The direct costs of coronary CT angiography relative to contrast-enhanced thoracic CT: Time-driven activity-based costing. <i>Journal of Cardiovascular Computed Tomography</i> , 2021 , 15, 477-483	2.8	0
176	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}	3.2	7
175	The Role of Cardiac Computed Tomography in Valve Disease and Valve Intervention Planning. <i>Current Treatment Options in Cardiovascular Medicine</i> , 2021 , 23, 1	2.1	
174	Pregnancy in Familial Left Ventricular Noncompaction-Associated Cardiomyopathy. <i>JACC: Case Reports</i> , 2020 , 2, 120-124	1.2	1
173	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}	2.8	2
172	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

171	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
170	Left ventricular wall thickness assessed by cardiac computed tomography and cardiac resynchronization therapy outcomes. <i>Europace</i> , 2020 , 22, 401-411	3.9	3
169	Utility of Computed Tomography to Predict Ventricular Arrhythmias in Patients With Nonischemic Cardiomyopathy Receiving Cardiac Resynchronization Therapy. <i>American Journal of Cardiology</i> , 2020 , 125, 607-612	3	1
168	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
167	Case 36-2020: A 72-Year-Old Woman with Dark Urine and Weakness. <i>New England Journal of Medicine</i> , 2020 , 383, 2066-2076	59.2	
166	Role of Coronary CT Angiography in Spontaneous Coronary Artery Dissection. <i>Radiology: Cardiothoracic Imaging</i> , 2020 , 2, e200364	8.3	6
165	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
164	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
163	Giant coronary artery aneurysm: Cardiac gated CT as optimal exam. <i>Journal of Cardiovascular Computed Tomography</i> , 2020 , 14, e33-e36	2.8	
162	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
161	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
160	An Inconvenient Truth: The Added Value of Transvaginal Imaging of the Internal Iliac and Adnexal Veins for Pelvic Congestion Syndrome. <i>Journal for Vascular Ultrasound</i> , 2019 , 43, 113-115	0.1	
159	Computed Tomography-Guided Assessment of Response to Cardiac Resynchronization Therapy. <i>JACC: Clinical Electrophysiology</i> , 2019 , 5, 987-989	4.6	2
158	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
157	Diagnostic Accuracy of Advanced Imaging in Cardiac Sarcoidosis. <i>Circulation: Cardiovascular Imaging</i> , 2019 , 12, e008975	3.9	18
156	Risk Factors, Imaging Findings, and Sex Differences in Spontaneous Coronary Artery Dissection. <i>American Journal of Cardiology</i> , 2019 , 123, 1783-1787	3	34
155	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
154	Randomized Trial Comparing Transdermal With Sublingual Nitroglycerin Administration for Coronary Vasodilation in CTA. <i>JACC: Cardiovascular Imaging</i> , 2019 , 12, 1890-1893	8.4	1
	American Society of Echocardiography, 2019 , 32, 553-579		

153	Vascular computed tomography angiography technique and indications. <i>Cardiovascular Diagnosis and Therapy</i> , 2019 , 9, S14-S27	2.6	15
152	The Role of Contrast-Enhanced Cardiac Magnetic Resonance in the Assessment of Patients with Malignant Ventricular Arrhythmias. <i>Magnetic Resonance Imaging Clinics of North America</i> , 2019 , 27, 475-490	1.6	8
151	A comparison of postprocedural anticoagulation in high-risk patients undergoing WATCHMAN device implantation. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2019 , 42, 1304-1309	9.9	13
150	HDAC9 complex inhibition improves smooth muscle-dependent stenotic vascular disease. <i>JCI Insight</i> , 2019 , 4,	1.9	5
149	Diagnostic work-up and endovascular treatment of traumatic and non-traumatic vascular emergencies. <i>Vasa - European Journal of Vascular Medicine</i> , 2019 , 48, 5	0.9	5
148	DeepAAA: Clinically Applicable and Generalizable Detection of Abdominal Aortic Aneurysm Using Deep Learning. <i>Lecture Notes in Computer Science</i> , 2019 , 723-731	2.6	0
147	Vascular imaging. <i>Cardiovascular Diagnosis and Therapy</i> , 2019 , 9, S1	8.3	1
146	False-Negative Low Tube Voltage Coronary CT Angiography: High Intravascular Attenuation at Coronary CT Angiography Can Mask Calcified Plaques. <i>Radiology: Cardiothoracic Imaging</i> , 2019 , 1, e190039	8.4	55
145	Anatomical and Functional Computed Tomography for Diagnosing Hemodynamically Significant Coronary Artery Disease: A Meta-Analysis. <i>JACC: Cardiovascular Imaging</i> , 2019 , 12, 1316-1325	1.5	2
144	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	2.3	3
143	Technical Aspects, Interpretation, and Body of Evidence for Coronary Computed Tomography Angiography. <i>Radiologic Clinics of North America</i> , 2019 , 57, 13-23 <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019 , 157, e155-e182	3	3
142	Subclinical Burden of Coronary Artery Calcium in Patients With Coarctation of the Aorta. <i>American Journal of Cardiology</i> , 2019 , 123, 323-328	3.5	4
141	Availability and Location of Cardiac CT and MR Services in Massachusetts. <i>Journal of the American College of Radiology</i> , 2018 , 15, 618-621	17.4	72
140	An HDAC9-MALAT1-BRG1 complex mediates smooth muscle dysfunction in thoracic aortic aneurysm. <i>Nature Communications</i> , 2018 , 9, 1009	6	29
139	Cardiopulmonary Exercise Testing in Patients Following Massive and Submassive Pulmonary Embolism. <i>Journal of the American Heart Association</i> , 2018 , 7,	3.4	9
138	Multimodality imaging assessment of endoleaks post-endovascular aortic repair. <i>British Journal of Radiology</i> , 2018 , 91, 20180013	5.8	6
137	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	20.5	43
136	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		

135	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
134	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
133	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
132	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
131	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
130	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
129	Understanding the impact of Cost Under MACRA: a neurointerventional imperative!. <i>Journal of NeuroInterventional Surgery</i> , 2018 , 10, 1005-1011	7.8	7
128	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
127	Advanced Imaging in Adult Congenital Heart Disease. <i>In Clinical Practice</i> , 2018 , 477-510	0	
126	Familial Anomalous Origin of Right Coronary Artery from the Left Coronary Sinus. <i>American Journal of Cardiology</i> , 2018 , 122, 1800-1802	3	2
125	Secondary cardiac risk stratifying tests after coronary computed tomography angiography in emergency department patients. <i>Journal of Cardiovascular Computed Tomography</i> , 2018 , 12, 500-508	2.8	1
124	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
123	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
122	A combined fractional flow reserve and optical coherence tomography approach to guide coronary artery bypass grafting: A pilot study. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018 , 156, 997-1000 ^{1.5}		0
121	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
120	Obesity, metabolic syndrome and cardiovascular prognosis: from the Partners coronary computed tomography angiography registry. <i>Cardiovascular Diabetology</i> , 2017 , 16, 14	8.7	22
119	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
118	Dose optimization in cardiac CT. <i>Physica Medica</i> , 2017 , 41, 97-103	2.7	11

117	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
116	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
115	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
114	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
113	Advances in cardiac CT contrast injection and acquisition protocols. <i>Cardiovascular Diagnosis and Therapy</i> , 2017 , 7, 439-451	2.6	23
112	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
111	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
110	Imaging of Cardiovascular Disease in Pregnancy and the Peripartum Period. <i>Current Treatment Options in Cardiovascular Medicine</i> , 2017 , 19, 94	2.1	10
109	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
108	Kawasaki disease with giant coronary artery aneurysms. <i>Coronary Artery Disease</i> , 2017 , 28, 177-179	1.4	1
107	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
106	Non-diagnostic coronary artery calcification and stenosis: a correlation of coronary computed tomography angiography and invasive coronary angiography. <i>Acta Radiologica</i> , 2017 , 58, 528-536	2	1
105	Case 39-2017. A 41-Year-Old Woman with Recurrent Chest Pain. <i>New England Journal of Medicine</i> , 2017 , 377, 2475-2484	59.2	1
104	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
103	Cross-sectional imaging of sinus of Valsalva aneurysms: lessons learned. <i>Diagnostic and Interventional Radiology</i> , 2017 , 23, 339-346	3.2	10
102	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
101	Imaging of atherosclerosis. <i>International Journal of Cardiovascular Imaging</i> , 2016 , 32, 5-12	2.5	14
100	Coronary-Pulmonary Artery Fistulas: A Systematic Review. <i>Journal of Thoracic Imaging</i> , 2016 , 31, 380-390;6	43	

99	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
98	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
97	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
96	The Role of Cardiac CT in the Evaluation of Endocarditis. <i>Current Cardiovascular Imaging Reports</i> , 2016 , 9, 1	0.7	
95	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
94	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
93	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
92	Salvage of diagnostic quality of image acquired by low-radiation-dose prospectively ECG-triggered coronary CTA during ventricular trigeminy: A case report of a novel image processing method. <i>HeartRhythm Case Reports</i> , 2016 , 2, 20-23	1	
91	Characteristics and Outcomes of Ascending Versus Descending Thoracic Aortic Aneurysms. <i>American Journal of Cardiology</i> , 2016 , 117, 1683-1690	3	25
90	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
89	Cardiac Computed Tomography. <i>In Clinical Practice</i> , 2016 , 197-217	0	
88	Computed Tomography Angiography of the Thoracic Aorta. <i>Radiologic Clinics of North America</i> , 2016 , 54, 13-33	2.3	12
87	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
86	Imaging of venous compression syndromes. <i>Cardiovascular Diagnosis and Therapy</i> , 2016 , 6, 519-532	2.6	51
85	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
84	Retained wire with intra-aortic migration presenting with hemoptysis: case studies of the Massachusetts General Hospital. <i>Coronary Artery Disease</i> , 2016 , 27, 521-2	1.4	1
83	Coronary CT angiography for myocardial infarction: case studies of the Massachusetts General Hospital. <i>Coronary Artery Disease</i> , 2016 , 27, 72-3	1.4	
82	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

81	Relationship Between Measures of Adiposity, Arterial Inflammation, and Subsequent Cardiovascular Events. <i>Circulation: Cardiovascular Imaging</i> , 2016 , 9, e004043	3.9	36
80	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
79	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
78	A 57-Year-Old Man With Insidious Dyspnea and Nonpleuritic Chest and Back Pain. <i>Chest</i> , 2016 , 150, e41-53	3.3	2
77	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
76	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
75	Role of Computed Tomography in Assessment of the Thoracic Aorta. <i>Current Treatment Options in Cardiovascular Medicine</i> , 2015 , 17, 395	2.1	8
74	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
73	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
72	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
71	Late gadolinium enhancement among survivors of sudden cardiac arrest. <i>JACC: Cardiovascular Imaging</i> , 2015 , 8, 414-423	8.4	65
70	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
69	Strategy for Building a Successful Coronary CT Angiography Program in the Emergency Department. <i>Current Cardiovascular Imaging Reports</i> , 2015 , 8, 1	0.7	
68	Letter to the Editor Regarding "Ruling Out Coronary Artery Disease in Women with Atypical Chest Pain: Results of Calcium Score Combined with Coronary Computed Tomography Angiography, and Associated Radiation Exposure". <i>Journal of Womens Health</i> , 2015 , 24, 1050	3	
67	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
66	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
65	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
64	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

63	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
62	Automatic extraction of comprehensive cardiac CT angiography parameters: a novel program with high accuracy and efficiency. <i>Journal of Digital Imaging</i> , 2014 , 27, 507-13	5.3	
61	Noncardiac Incidental Findings on Cardiac CT: A Step-by-Step Approach. <i>Current Cardiovascular Imaging Reports</i> , 2014 , 7, 1	0.7	
60	Low Radiation Coronary CT. <i>Current Cardiovascular Imaging Reports</i> , 2014 , 7, 1	0.7	
59	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
58	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
57	Feasibility of a radiation dose conserving CT protocol for myocardial function assessment. <i>British Journal of Radiology</i> , 2014 , 87, 20130755	3.4	5
56	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
55	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
54	Reporting scan time reduces cardiac MR examination duration. <i>Journal of the American College of Radiology</i> , 2014 , 11, 425-8	3.5	6
53	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
52	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
51	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
50	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
49	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
48	New and evolving concepts in CT for abdominal vascular imaging. <i>Radiographics</i> , 2014 , 34, 1363-84	5.4	14
47	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
46	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

45	Magnetic resonance imaging for hypertrophic cardiomyopathy update. <i>Topics in Magnetic Resonance Imaging</i> , 2014 , 23, 33-41	2.3	2
44	Defining left ventricular noncompaction using cardiac computed tomography. <i>Journal of Thoracic Imaging</i> , 2014 , 29, 60-6	5.6	38
43	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
42	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
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