Geoffrey D Rubin

List of Publications by Year
in descending order

257 papers	20,327 citations	22548 61 h-index	12638 137 g-index
269 all docs	269 docs citations	269 times ranked	15979 citing authors

#	Article	IF	Citations
1	Classification of Multiple Diseases on Body CT Scans Using Weakly Supervised Deep Learning. Radiology: Artificial Intelligence, 2022, 4, e210026.	3.0	6
2	Co-occurring diseases heavily influence the performance of weakly supervised learning models for classification of chest CT. , 2022, , .		1
3	Multi-label annotation of text reports from computed tomography of the chest, abdomen, and pelvis using deep learning. BMC Medical Informatics and Decision Making, 2022, 22, 102.	1.5	4
4	CAD-RADSâ„¢ 2.0 - 2022 Coronary Artery Disease-Reporting and Data System. Journal of Cardiovascular Computed Tomography, 2022, 16, 536-557.	0.7	80
5	Machine-learning-based multiple abnormality prediction with large-scale chest computed tomography volumes. Medical Image Analysis, 2021, 67, 101857.	7.0	35
6	Task-dependent estimability index to assess the quality of cardiac computed tomography angiography for quantifying coronary stenosis. Journal of Medical Imaging, 2021, 8, 013501.	0.8	2
7	Imaging of pulmonary hypertension in adults: a position paper from the Fleischner Society. European Respiratory Journal, 2021, 57, 2004455.	3.1	42
8	Chest CT Diagnosis and Clinical Management of Drug-related Pneumonitis in Patients Receiving Molecular Targeting Agents and Immune Checkpoint Inhibitors: A Position Paper from the Fleischner Society. Radiology, 2021, 298, 550-566.	3.6	53
9	Imaging of Pulmonary Hypertension in Adults: A Position Paper from the Fleischner Society. Radiology, 2021, 298, 531-549.	3.6	43
10	Chest CT Diagnosis and Clinical Management of Drug-Related Pneumonitis in Patients Receiving Molecular Targeting Agents and Immune Checkpoint Inhibitors. Chest, 2021, 159, 1107-1125.	0.4	53
11	The direct costs of coronary CT angiography relative to contrast-enhanced thoracic CT: Time-driven activity-based costing. Journal of Cardiovascular Computed Tomography, 2021, 15, 477-483.	0.7	7
12	COVID-19 Imaging: What We Know Now and What Remains Unknown. Radiology, 2021, 299, E262-E279.	3.6	97
13	CT Diagnosis of COVID-19: A View through the PICOTS Lens. Radiology, 2021, 301, E375-E377.	3.6	0
14	The Puzzle of the Perifissural Nodule. Radiology: Cardiothoracic Imaging, 2020, 2, e200409.	0.9	4
15	Utilization of Lung Cancer Screening in the Medicare Fee-for-Service Population. Chest, 2020, 158, 2200-2210.	0.4	29
16	The Role of Chest Imaging in Patient Management during the COVID-19 Pandemic: A Multinational Consensus Statement from the Fleischner Society. Radiology, 2020, 296, 172-180.	3.6	721
17	The Role of Chest Imaging in Patient Management During the COVID-19 Pandemic. Chest, 2020, 158, 106-116.	0.4	832
18	Weakly supervised 3D classification of chest CT using aggregated multi-resolution deep segmentation features. , 2020, , .		4

#	ARTICLE	IF	CITATIONS
19	CT in Cardiac Applications. , 2020, , 427-458.		0
20	Influence of background lung characteristics on nodule detection with computed tomography. Journal of Medical Imaging, 2020, 7, 1.	0.8	0
21	Attention-guided classification of abnormalities in semi-structured computed tomography reports. , 2020, , .		4
22	A Geospatial Analysis of Factors Affecting Access to CT Facilities: Implications for Lung Cancer Screening. Journal of the American College of Radiology, 2019, 16, 1663-1668.	0.9	22
23	Geographic Access to CT for Lung Cancer Screening: A Census Tract-Level Analysis of Cigarette Smoking in the United States and Driving Distance to a CT Facility. Journal of the American College of Radiology, 2019, 16, 15-23.	0.9	40
24	Imaging of Acute Aortic Syndromes. IDKD Springer Series, 2019, , 207-214.	0.8	5
25	Multi-organ segmentation in clinical-computed tomography for patient-specific image quality and dose metrology. , 2019, , .		7
26	Deep learning of 3D CT images for organ segmentation using 2D multi-channel SegNet model. , 2019, , .		3
27	Classification of chest CT using case-level weak supervision. , 2019, , .		5
28	2.5D CNN model for detecting lung disease using weak supervision. , 2019, , .		4
29	Classifying abnormalities in computed tomography radiology reports with rule-based and natural language processing models. , 2019, , .		2
30	Combining deep learning methods and human knowledge to identify abnormalities in computed tomography (CT) reports. , 2019, , .		0
31	2018 ACC/HRS/NASCI/SCAI/SCCT Expert Consensus Document on Optimal Use of Ionizing Radiation in Cardiovascular Imaging: Best Practices for Safety and Effectiveness. Journal of the American College of Cardiology, 2018, 71, e283-e351.	1.2	84
32	2018 ACC/HRS/NASCI/SCAI/SCCT Expert Consensus Document on Optimal Use of Ionizing Radiation in Cardiovascular Imaging—Best Practices for Safety and Effectiveness, Part 1: Radiation Physics and Radiation Biology. Journal of the American College of Cardiology, 2018, 71, 2811-2828.	1.2	23
33	2018 ACC/HRS/NASCI/SCAI/SCCT Expert Consensus Document on Optimal Use of Ionizing Radiation in Cardiovascular Imaging—Best Practices for Safety and Effectiveness, Part 2: Radiological Equipment Operation, Dose-Sparing Methodologies, Patient and Medical Personnel Protection. Journal of the American College of Cardiology, 2018, 71, 2829-2855.	1.2	39
34	Perception of Volumetric Data. , 2018, , 307-327.		1
35	Identification and Management of Abdominal Wall Varices in Pregnancy. Obstetrics and Gynecology, 2018, 132, 882-887.	1.2	6
36	2018 ACC/HRS/NASCI/SCAI/SCCT Expert Consensus Document on Optimal Use of Ionizing Radiation in Cardiovascular Imaging—Best Practices for Safety and Effectiveness, Part 1: Radiation Physics and Radiation Biology. Catheterization and Cardiovascular Interventions, 2018, 92, 203-221.	0.7	7

#	ARTICLE	IF	CITATIONS
37	2018 ACC/HRS/NASCI/SCAI/SCCT Expert Consensus Document on Optimal Use of Ionizing Radiation in Cardiovascular Imagingâ€"Best Practices for Safety and Effectiveness, Part 2: Radiological Equipment Operation, Doseâ€Sparing Methodologies, Patient and Medical Personnel Protection. Catheterization and Cardiovascular Interventions, 2018, 92, 222-246.	0.7	6
38	2018 ACC/HRS/NASCI/SCAI/SCCT Expert Consensus Document on Optimal Use of Ionizing Radiation in Cardiovascular Imaging: Best Practices for Safety and Effectiveness. Catheterization and Cardiovascular Interventions, 2018, 92, E35-E97.	0.7	12
39	Creating Value through Incremental Innovation: Managing Culture, Structure, and Process. Radiology, 2018, 288, 330-340.	3.6	13
40	Local complexity metrics to quantify the effect of anatomical noise on detectability of lung nodules in chest CT imaging. Journal of Medical Imaging, 2018, 5, 1.	0.8	6
41	Quantification of uncertainty in the assessment of coronary plaque in CCTA through a dynamic cardiac phantom and 3D-printed plaque model. Journal of Medical Imaging, 2018, 5, 1.	0.8	5
42	Costing in Radiology and Health Care: Rationale, Relativity, Rudiments, and Realities. Radiology, 2017, 282, 333-347.	3.6	71
43	Quantification of the uncertainty in coronary CTA plaque measurements using dynamic cardiac phantom and 3D-printed plaque models. , 2017, , .		0
44	Guidelines for Management of Incidental Pulmonary Nodules Detected on CT Images: From the Fleischner Society 2017. Radiology, 2017, 284, 228-243.	3.6	1,587
45	Variations in the functional visual field for detection of lung nodules on chest computed tomography: Impact of nodule size, distance, and local lung complexity. Medical Physics, 2017, 44, 3483-3490.	1.6	15
46	Financial Forecasting and Stochastic Modeling: Predicting the Impact of Business Decisions. Radiology, 2017, 283, 342-358.	3.6	13
47	Tracking Eye Movements during CT Interpretation: Inferences of Reader Performance and Clinical Competency Require Clinically Realistic Procedures for Unconstrained Search. Radiology, 2017, 283, 920-920.	3.6	2
48	Enhancing Public Access to Relevant and Valued Medical Information: Fresh Directions for RadiologyInfo.org. Journal of the American College of Radiology, 2017, 14, 697-702.e4.	0.9	7
49	Affinity Chart Analysis: A Method for Structured Collection, Aggregation, and Response to Customer Needs in Radiology. American Journal of Roentgenology, 2017, 208, W134-W145.	1.0	5
50	Recommendations for Measuring Pulmonary Nodules at CT: A Statement from the Fleischner Society. Radiology, 2017, 285, 584-600.	3.6	250
51	Development of local complexity metrics to quantify the effect of anatomical noise on detectability of lung nodules in chest CT imaging. Proceedings of SPIE, 2017, , .	0.8	1
52	Economic Outcomes With Anatomical Versus Functional Diagnostic Testing for Coronary Artery Disease. Annals of Internal Medicine, 2016, 165, 94.	2.0	57
53	Effect of endoleaks on changes in aortoiliac volume after endovascular repair for abdominal aortic aneurysm. Clinical Hemorheology and Microcirculation, 2016, 64, 135-147.	0.9	1
54	Coronary Artery Disease - Reporting andÂDataÂSystem (CAD-RADS). JACC: Cardiovascular Imaging, 2016, 9, 1099-1113.	2.3	165

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55	CAD-RADSTM Coronary Artery Disease â€" Reporting and Data System. An expert consensus document of the Society of Cardiovascular Computed Tomography (SCCT), the American College of Radiology (ACR) and the North American Society for Cardiovascular Imaging (NASCI). Endorsed by the American College of Cardiology. Journal of Cardiovascular Computed Tomography, 2016, 10, 269-281.	0.7	480
56	Deal or No Deal? Negotiation 101. Journal of the American College of Radiology, 2016, 13, 756-758.	0.9	1
57	An Organizational Perspective and a Team Approach: Keys to Successful Business Planning. Journal of the American College of Radiology, 2016, 13, 228-229.	0.9	2
58	CAD-RADSâ"¢: Coronary DiseaseÂâ€"ÂReporting and Data System. Journal of the American College of Radiology, 2016, 13, 1458-1466.e9.	0.9	251
59	2015 ACR/ACC/AHA/AATS/ACEP/ASNC/NASCI/SAEM/SCCT/SCMR/SCPC/SNMMI/STR/STS Appropriate Utilization of Cardiovascular Imaging in Emergency Department Patients With Chest Pain. Journal of the American College of Radiology, 2016, 13, e1-e29.	0.9	34
60	CT Angiography of the Thoracic Aorta. Medical Radiology, 2016, , 311-340.	0.0	1
61	Expert Opinion. Journal of Thoracic Imaging, 2015, 30, 219.	0.8	1
62	Imaging Evaluation of Mediastinal Masses in Children and Adults. Journal of Thoracic Imaging, 2015, 30, 247-267.	0.8	40
63	Characterizing Search, Recognition, and Decision in the Detection of Lung Nodules on CT Scans: Elucidation with Eye Tracking. Radiology, 2015, 274, 276-286.	3.6	77
64	Acute Aortic Syndrome: State-of-the-Art Diagnostic Imaging. , 2015, , 149-156.		0
65	Lung Nodule and Cancer Detection in Computed Tomography Screening. Journal of Thoracic Imaging, 2015, 30, 130-138.	0.8	95
66	Rapid Detection of Bone Metastasis at Thoracoabdominal CT: Accuracy and Efficiency of a New Visualization Algorithm. Radiology, 2014, 270, 825-833.	3.6	12
67	Detection of Broken Sutures and Metal-Ring Fractures in AneuRx Stent-Grafts by Using Three-dimensional CT Angiography after Endovascular Abdominal Aortic Aneurysm Repair: Association with Late Endoleak Development and Device Migration. Radiology, 2014, 272, 275-283.	3.6	23
68	Computed Tomography: Revolutionizing the Practice of Medicine for 40 Years. Radiology, 2014, 273, S45-S74.	3.6	128
69	CT Angiography after 20 Years: A Transformation in Cardiovascular Disease Characterization Continues to Advance. Radiology, 2014, 271, 633-652.	3.6	98
70	ACC/AHA/ASE/ASNC/HRS/IAC/Mended Hearts/NASCI/RSNA/SAIP/SCAI/SCCT/SCMR/SNMMI 2014 Health Policy Statement on Use of Noninvasive Cardiovascular Imaging. Journal of the American College of Cardiology, 2014, 63, 698-721.	1.2	47
71	WE-D-16A-01: ACR Radiology Leadership Institute. Medical Physics, 2014, 41, 492-492.	1.6	0
72	Emerging and Evolving Roles for CT in Screening for Coronary Heart Disease. Journal of the American College of Radiology, 2013, 10, 943-948.	0.9	16

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73	Uncluttered Single-Image Visualization of Vascular Structures Using GPU and Integer Programming. IEEE Transactions on Visualization and Computer Graphics, 2013, 19, 81-93.	2.9	7
74	Corrigendum to 'CT patterns of fungal pulmonary infections of the lung: Comparison of standard-dose and simulated low-dose CT' [Eur. J. Radiol. 81 (2012) 2860–2866]. European Journal of Radiology, 2013, 82, 2067.	1.2	0
75	Computed tomography angiography in microsurgery: indications, clinical utility, and pitfalls. Eplasty, 2013, 13, e42.	0.4	7
76	Quality Improvement in 3D Imaging. American Journal of Roentgenology, 2012, 198, 150-155.	1.0	3
77	Time-resolved CT Angiography for the Detection and Classification of Endoleaks. Radiology, 2012, 263, 917-926.	3.6	62
78	Accuracy of a Remote Eye Tracker for Radiologic Observer Studies. Academic Radiology, 2012, 19, 196-202.	1.3	8
79	Comparison of image characteristics of plaques in culprit coronary arteries by 64 slice CT and intravascular ultrasound in acute coronary syndromes. International Journal of Cardiology, 2012, 160, 119-126.	0.8	16
80	CT patterns of fungal pulmonary infections of the lung: Comparison of standard-dose and simulated low-dose CT. European Journal of Radiology, 2012, 81, 2860-2866.	1.2	18
81	Discriminant Analysis of Native Thoracic Aortic Curvature: Risk Prediction for Endoleak Formation After Thoracic Endovascular Aortic Repair. Journal of Vascular and Interventional Radiology, 2011, 22, 974-979.e2.	0.2	37
82	Shape "Break-and-Repair" Strategy and Its Application to Automated Medical Image Segmentation. IEEE Transactions on Visualization and Computer Graphics, 2011, 17, 115-124.	2.9	50
83	Automated Tracing of the Adventitial Contour of Aortoiliac and Peripheral Arterial Walls in CT Angiography (CTA) to Allow Calculation of Non-calcified Plaque Burden. Journal of Digital Imaging, 2011, 24, 1078-1086.	1.6	6
84	Body CT: Technical Advances for Improving Safety. American Journal of Roentgenology, 2011, 197, 33-41.	1.0	39
85	Impact of Quantitatively Determined Native Thoracic Aortic Tortuosity on Endoleak Development After Thoracic Endovascular Aortic Repair. American Journal of Roentgenology, 2011, 197, W1140-W1146.	1.0	36
86	Computer-aided detection (CAD) of lung nodules in CT scans: radiologist performance and reading time with incremental CAD assistance. European Radiology, 2010, 20, 549-557.	2.3	62
87	ACCF/ACR/AHA/NASCI/SAIP/SCAI/SCCT 2010 Expert Consensus Document on Coronary Computed Tomographic Angiography. Catheterization and Cardiovascular Interventions, 2010, 76, E1-42.	0.7	51
88	Right coronary wall cmr in the older asymptomatic advance cohort: positive remodeling and associations with type 2 diabetes and coronary calcium. Journal of Cardiovascular Magnetic Resonance, 2010, 12, 75.	1.6	19
89	Assessing operating characteristics of CAD algorithms in the absence of a gold standard. Medical Physics, 2010, 37, 1788-1795.	1.6	5
90	ACCF/SCCT/ACR/AHA/ASE/ASNC/NASCI/SCAI/SCMR 2010 Appropriate Use Criteria for Cardiac Computed Tomography. Circulation, 2010, 122, e525-55.	1.6	357

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91	ACCF/ACR/AHA/NASCI/SAIP/SCAI/SCCT 2010 Expert Consensus Document on Coronary Computed Tomographic Angiography. Circulation, 2010, 121, 2509-2543.	1.6	247
92	Incidental Extracardiac Findings at Coronary CT: Clinical and Economic Impact. American Journal of Roentgenology, 2010, 194, 1531-1538.	1.0	73
93	Incomplete Endograft Apposition to the Aortic Arch: Bird-Beak Configuration Increases Risk of Endoleak Formation after Thoracic Endovascular Aortic Repair. Radiology, 2010, 255, 645-652.	3.6	157
94	Automated Quantification of Aortoaortic and Aortoiliac Angulation for Computed Tomographic Angiography of Abdominal Aortic Aneurysms before Endovascular Repair: Preliminary Study. Journal of Vascular and Interventional Radiology, 2010, 21, 1746-1750.	0.2	7
95	Upper Extremity Computed Tomographic Angiography: State of the Art Technique and Applications in 2010. Radiologic Clinics of North America, 2010, 48, 397-421.	0.9	12
96	ACCF/ACR/AHA/NASCI/SAIP/SCAI/SCCT 2010 Expert Consensus Document on Coronary Computed Tomographic Angiography. Journal of the American College of Cardiology, 2010, 55, 2663-2699.	1.2	244
97	ACCF/SCCT/ACR/AHA/ASE/ASNC/NASCI/SCAI/SCMR 2010 Appropriate Use Criteria for Cardiac Computed Tomography. Journal of the American College of Cardiology, 2010, 56, 1864-1894.	1.2	886
98	ACCF/SCCT/ACR/AHA/ASE/ASNC/NASCI/SCAI/SCMR 2010 Appropriate Use Criteria for Cardiac Computed Tomography. Journal of Cardiovascular Computed Tomography, 2010, 4, 407.e1-407.e33.	0.7	193
99	Uncluttered single‐image visualization of the abdominal aortic vessel tree: Method and evaluation. Medical Physics, 2009, 36, 5245-5260.	1.6	7
100	Automated coronary CT angiography plaque-lumen segmentation. , 2009, , .		2
101	Thin client architecture in support of remote radiology learning. , 2009, , .		0
102	Solitary Intercostal Arterial Trunk. Circulation: Cardiovascular Imaging, 2009, 2, e49-50.	1.3	8
103	Imaging the Thoracic Aorta: Anatomy, Technical Considerations, and Trauma. Seminars in Roentgenology, 2009, 44, 8-15.	0.2	5
104	An unusual case of partial anomalous pulmonary venous drainage: Utility of the cardiac MRI. International Journal of Cardiology, 2009, 133, e35-e36.	0.8	2
105	Insulin resistance independently predicts the progression of coronary artery calcification. American Heart Journal, 2009, 157, 939-945.	1.2	62
106	Non-Invasive Coronary Imaging. Medical Radiology, 2009, , 99-203.	0.0	0
107	CT Angiography in Pediatric Extremity Trauma: Preoperative Evaluation Prior to Reconstructive Surgery. Hand, 2008, 3, 139-145.	0.7	23
108	Functional computed tomography imaging of tumor-induced angiogenesis: preliminary results of new tracer kinetic modeling using a computer discretization approach. Radiation Medicine, 2008, 26, 213-221.	0.8	3

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109	Learning-enhanced simulated annealing: method, evaluation, and application to lung nodule registration. Applied Intelligence, 2008, 28, 83-99.	3.3	12
110	Adaptive border marching algorithm: Automatic lung segmentation on chest CT images. Computerized Medical Imaging and Graphics, 2008, 32, 452-462.	3.5	164
111	Impaired Coronary Vasodilation by Magnetic Resonance Angiography Is Associated With Advanced Coronary Artery Calcification. JACC: Cardiovascular Imaging, 2008, 1, 167-173.	2.3	25
112	Extracardiac Findings: What Is a Cardiologist to Do?. JACC: Cardiovascular Imaging, 2008, 1, 682-687.	2.3	19
113	MDCT. , 2008, , .		9
114	Incidental Pulmonary Nodules on Cardiac Computed Tomography: Prognosis and Use. American Journal of Medicine, 2008, 121, 989-996.	0.6	54
115	Imaging of the Thoracic Aorta Before and After Stent-Graft Repair of Aneurysms and Dissections. Seminars in Thoracic and Cardiovascular Surgery, 2008, 20, 348.e1-348.e16.	0.4	29
116	Structured Reporting: Coronary CT Angiography. Journal of the American College of Radiology, 2008, 5, 796-800.	0.9	26
117	Susceptibility locus for clinical and subclinical coronary artery disease at chromosome 9p21 in the multi-ethnic ADVANCE study. Human Molecular Genetics, 2008, 17, 2320-2328.	1.4	166
118	Semiautomated Quantification of the Mass and Distribution of Vascular Calcification with Multidetector CT: Method and Evaluation. Radiology, 2008, 247, 241-250.	3.6	8
119	Improved Speed of Bone Removal in Computed Tomographic Angiography Using Automated Targeted Morphological Separation. Journal of Computer Assisted Tomography, 2008, 32, 485-491.	0.5	6
120	Incidental Findings on Cardiac Multidetector Row Computed Tomography Among Healthy Older Adults<subtitle>Prevalence and Clinical Correlates</subtitle>. Archives of Internal Medicine, 2008, 168, 756.	4.3	51
121	CT Angiography Effectively Evaluates Extremity Vascular Trauma. American Surgeon, 2008, 74, 103-107.	0.4	121
122	MDCT Angiography of the Thoracic Aorta. , 2008, , 225-235.		0
123	MDCT Angiography of Peripheral Arterial Disease. , 2008, , 250-262.		0
124	Plasma Leptin Levels and Coronary Artery Calcification in Older Adults. Journal of Clinical Endocrinology and Metabolism, 2007, 92, 729-732.	1.8	37
125	A directional distance aided method for medical image segmentation. Medical Physics, 2007, 34, 4962-4976.	1.6	1
126	Registration of lung nodules using a semi-rigid model: Method and preliminary results. Medical Physics, 2007, 34, 613-626.	1.6	10

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127	Ethnic Differences in Coronary Artery Calcium in a Healthy Cohort Aged 60 to 69 Years. American Journal of Cardiology, 2007, 100, 981-985.	0.7	18
128	Use of multidetector computed tomography for the assessment of acute chest pain: a consensus statement of the North American Society of Cardiac Imaging and the European Society of Cardiac Radiology. European Radiology, 2007, 17, 2196-2207.	2.3	63
129	Use of multidetector computed tomography for the assessment of acute chest pain: a consensus statement of the North American Society of Cardiac Imaging and the European Society of Cardiac Radiology. International Journal of Cardiovascular Imaging, 2007, 23, 415-427.	0.7	31
130	Consensus update on the appropriate usage of cardiac computed tomographic angiography. Journal of Invasive Cardiology, 2007, 19, 484-90.	0.4	11
131	Assessment of Coronary Artery Disease by Cardiac Computed Tomography. Circulation, 2006, 114, 1761-1791.	1.6	1,260
132	CT Angiography of Peripheral Arterial Disease. Journal of Vascular and Interventional Radiology, 2006, 17, 3-26.	0.2	175
133	CT Angiography of Peripheral Arterial Occlusive Disease. Techniques in Vascular and Interventional Radiology, 2006, 9, 143-149.	0.4	24
134	ACCF/ACR/SCCT/SCMR/ASNC/NASCI/SCAI/SIR 2006 Appropriateness Criteria for Cardiac Computed Tomography and Cardiac Magnetic Resonance Imagingâ‚â‚Developed in accordance with the principles and methodology outlined by ACCF: Patel MR, Spertus JA, Brindis RG, Hendel RC, Douglas PS, Peterson ED, Wolk MJ, Allen JM, Raskin IE. ACCF proposed method for evaluating the appropriateness of cardiovascular imaging. J Am Coll Cardiol 2005;46:1606â€"13.. Journal of the American College of Cardiology, 2006, 48, 1475-1497.	1.2	1,326
135	Image Interpretation Session: 2005. Radiographics, 2006, 26, 127-127.	1.4	0
136	MDCT: a new era in imaging. European Radiology, Supplement, 2006, 16, D3-D10.	1.8	5
137	Fully Automated System for Three-Dimensional Bronchial Morphology Analysis Using Volumetric Multidetector Computed Tomography of the Chest. Journal of Digital Imaging, 2006, 19, 132-139.	1.6	26
138	Flattening the Abdominal Aortic Tree for Effective Visualization. , 2006, 2006, 3345-8.		2
139	An abdominal aortic aneurysm segmentation method: Level set with region and statistical information. Medical Physics, 2006, 33, 1440-1453.	1.6	60
140	MDCT Angiography of the Thoracic Aorta. , 2006, , 111-121.		4
141	Primary Interpretation of Thoracic MDCT Images Using Coronal Reformations. American Journal of Roentgenology, 2005, 185, 1500-1508.	1.0	11
142	Assessment of Global Left Ventricular Function. Journal of Computer Assisted Tomography, 2005, 29, 373-381.	0.5	27
143	MDCT angiography of pediatric vascular diseases of the abdomen, pelvis, and extremities. Pediatric Radiology, 2005, 35, 40-53.	1.1	29
144	American College of Radiology Clinical Statement on Noninvasive Cardiac Imaging. Radiology, 2005, 235, 723-727.	3.6	60

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145	Vascular Mapping of the Leg with Multiâ€"Detector Row CT Angiography prior to Free-Flap Transplantation. Radiology, 2005, 237, 353-360.	3.6	78
146	Pulmonary Nodules on Multiâ€"Detector Row CT Scans: Performance Comparison of Radiologists and Computer-aided Detection. Radiology, 2005, 234, 274-283.	3.6	244
147	Image Interpretation Session. Radiographics, 2005, 25, 1437-1447.	1.4	0
148	Quantification of Intravenously Administered Contrast Medium Transit through the Peripheral Arteries: Implications for CT Angiography. Radiology, 2005, 236, 1076-1082.	3.6	91
149	Alternative Input Devices for Efficient Navigation of Large CT Angiography Data Sets. Radiology, 2005, 234, 391-398.	3.6	24
150	Angiographic Imaging of the Lower Extremities with Multidetector CT. Radiologic Clinics of North America, 2005, 43, 1119-1127.	0.9	54
151	ACR Clinical Statement on Noninvasive Cardiac Imaging. Journal of the American College of Radiology, 2005, 2, 471-477.	0.9	19
152	Detection of endograft fractures with multidetector row computed tomography. Journal of Vascular Surgery, 2005, 42, 1002-1006.	0.6	25
153	Atherosclerotic Vascular Disease Conference. Circulation, 2004, 109, 2626-2633.	1.6	60
154	Preoperative CT angiography for free fibula transfer. Microsurgery, 2004, 24, 125-127.	0.6	43
155	Surveillance for endoleaks: How to detect all of them. Seminars in Vascular Surgery, 2004, 17, 268-278.	1.1	39
156	Surface Normal Overlap: A Computer-Aided Detection Algorithm With Application to Colonic Polyps and Lung Nodules in Helical CT. IEEE Transactions on Medical Imaging, 2004, 23, 661-675.	5.4	221
157	CT Angiography in Complex Upper Extremity Reconstruction. Journal of Hand Surgery, 2004, 29, 465-469.	0.9	29
158	Computed Tomography Angiography. Journal of Computer Assisted Tomography, 2004, 28, S32-S45.	0.5	95
159	CT ANGIOGRAPHY EFFECTIVELY EVALUATES EXTREMITY VASCULAR TRAUMA. Journal of Trauma, 2004, 57, 443.	2.3	0
160	New Method of Measuring Coronary Diameter by Electron-Beam Computed Tomographic Angiography Using Adjusted Thresholds Determined by Calibration With Aortic Opacity. Circulation Journal, 2004, 68, 769-777.	0.7	17
161	CT angiography of the thoracic aorta. Seminars in Roentgenology, 2003, 38, 115-134.	0.2	31
162	3-D imaging with MDCT. European Journal of Radiology, 2003, 45, S37-S41.	1.2	83

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163	MDCT imaging of the aorta and peripheral vessels. European Journal of Radiology, 2003, 45, S42-S49.	1.2	102
164	Semiautomated segmentation of blood vessels using ellipse-overlap criteria: Method and comparison to manual editing. Medical Physics, 2003, 30, 2572-2583.	1.6	0
165	Curved-Slab Maximum Intensity Projection: Method and Evaluation. Radiology, 2003, 229, 255-260.	3.6	28
166	Coronary Artery: Quantitative Evaluation of Normal Diameter Determined with Electron-Beam CT Compared with Cine Coronary Angiographyâ€"Initial Experience. Radiology, 2003, 226, 263-271.	3.6	55
167	CT Angiography of the Chest. American Journal of Roentgenology, 2003, 181, 162-162.	1.0	0
168	Early Experience with Computed Tomographic Angiography in Microsurgical Reconstruction. Plastic and Reconstructive Surgery, 2003, 112, 498-503.	0.7	37
169	Three-Dimensional CT Evaluation for Endovascular Abdominal Aortic Aneurysm Repair. Quantitative Assessment of the Infrarenal Aortic Neck. Acta Chirurgica Belgica, 2003, 103, 81-86.	0.2	23
170	Automated Generation of Curved Planar Reformations from Volume Data: Method and Evaluation. Radiology, 2002, 223, 275-280.	3.6	51
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