Geoffrey D Rubin

List of Publications by Year
in descending order

257 papers	20,327 citations	19657 61 h-index	11052 137 g-index
269 all docs	269 docs citations	269 times ranked	14967 citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for Management of Incidental Pulmonary Nodules Detected on CT Images: From the Fleischner Society 2017. Radiology, 2017, 284, 228-243.	7.3	1,587
2	ACCF/ACR/SCCT/SCMR/ASNC/NASCI/SCAI/SIR 2006 Appropriateness Criteria for Cardiac Computed Tomography and Cardiac Magnetic Resonance ImagingâŽâŽDeveloped 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.	2.8	1,326
3	Assessment of Coronary Artery Disease by Cardiac Computed Tomography. Circulation, 2006, 114, 1761-1791.	1.6	1,260
4	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.	2.8	886
5	The Role of Chest Imaging in Patient Management During the COVID-19 Pandemic. Chest, 2020, 158, 106-116.	0.8	832
6	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.	7.3	721
7	Nature and significance of endoleaks and endotension: Summary of opinions expressed at an international conference. Journal of Vascular Surgery, 2002, 35, 1029-1035.	1.1	578
8	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.	1.3	480
9	Perspective volume rendering of CT and MR images: applications for endoscopic imaging.. Radiology, 1996, 199, 321-330.	7.3	416
10	Three-dimensional spiral CT angiography of the abdomen: initial clinical experience.. Radiology, 1993, 186, 147-152.	7.3	366
11	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
12	CT angiography with spiral CT and maximum intensity projection.. Radiology, 1992, 185, 607-610.	7.3	353
13	Spiral CT of renal artery stenosis: comparison of three-dimensional rendering techniques.. Radiology, 1994, 190, 181-189.	7.3	308
14	Multiâ€"Detector Row CT Angiography of Lower Extremity Arterial Inflow and Runoff: Initial Experience. Radiology, 2001, 221, 146-158.	7.3	277
15	Improved Uniformity of Aortic Enhancement with Customized Contrast Medium Injection Protocols at CT Angiography. Radiology, 2000, 214, 363-371.	7.3	256
16	CAD-RADSâ„¢: Coronary Artery DiseaseÂâ€"ÂReporting and Data System. Journal of the American College of Radiology, 2016, 13, 1458-1466.e9.	1.8	251
17	Recommendations for Measuring Pulmonary Nodules at CT: A Statement from the Fleischner Society. Radiology, 2017, 285, 584-600.	7.3	250
18	ACCF/ACR/AHA/NASCI/SAIP/SCAI/SCCT 2010 Expert Consensus Document on Coronary Computed Tomographic Angiography. Circulation, 2010, 121, 2509-2543.	1.6	247

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19	Pulmonary Nodules on Multi–Detector Row CT Scans: Performance Comparison of Radiologists and Computer-aided Detection. Radiology, 2005, 234, 274-283.	7.3	244
20	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.	2.8	244
21	Aorta and Iliac Arteries: Single versus Multiple Detector-Row Helical CT Angiography. Radiology, 2000, 215, 670-676.	7.3	241
22	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.	8.9	221
23	Data explosion: the challenge of multidetector-row CT. European Journal of Radiology, 2000, 36, 74-80.	2.6	209
24	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.	1.3	193
25	CT Angiography of Peripheral Arterial Disease. Journal of Vascular and Interventional Radiology, 2006, 17, 3-26.	0.5	175
26	Assessment of living renal donors with spiral CT.. Radiology, 1995, 195, 457-462.	7.3	173
27	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.	2.9	166
28	Coronary Artery Disease - Reporting and Data System (CAD-RADS). JACC: Cardiovascular Imaging, 2016, 9, 1099-1113.	5.3	165
29	Adaptive border marching algorithm: Automatic lung segmentation on chest CT images. Computerized Medical Imaging and Graphics, 2008, 32, 452-462.	5.8	164
30	Aortic Aneurysmal Disease: Assessment of Stent-Graft Treatment–CT versus Conventional Angiography. Radiology, 2000, 215, 138-146.	7.3	163
31	STS-MIP. Journal of Computer Assisted Tomography, 1993, 17, 832-838.	0.9	159
32	Duplex ultrasound scanning versus computed tomographic angiography for postoperative evaluation of endovascular abdominal aortic aneurysm repair. Journal of Vascular Surgery, 2000, 32, 1142-1148.	1.1	158
33	Unsuspected pulmonary embolism: prospective detection on routine helical CT scans.. Radiology, 1998, 208, 209-215.	7.3	157
34	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.	7.3	157
35	Detection of ureteral calculi in patients with suspected renal colic: value of reformatted noncontrast helical CT.. American Journal of Roentgenology, 1995, 165, 509-513.	2.2	148
36	Automated flight path planning for virtual endoscopy. Medical Physics, 1998, 25, 629-637.	3.0	145

#	Article	IF	Citations
37	Measurement of the aorta and its branches with helical CT.. Radiology, 1998, 206, 823-829.	7.3	142
38	Three-dimensional spiral computed tomographic angiography: An alternative imaging modality for the abdominal aorta and its branches. Journal of Vascular Surgery, 1993, 18, 656-665.	1.1	139
39	Computed Tomography: Revolutionizing the Practice of Medicine for 40 Years. Radiology, 2014, 273, S45-S74.	7.3	128
40	CT Angiography Effectively Evaluates Extremity Vascular Trauma. American Surgeon, 2008, 74, 103-107.	0.8	121
41	Type-II Endoleaks following Endovascular AAA Repair: Preoperative Predictors and Long-term Effects. Journal of Endovascular Therapy, 2001, 8, 503-510.	1.5	107
42	MDCT imaging of the aorta and peripheral vessels. European Journal of Radiology, 2003, 45, S42-S49.	2.6	102
43	Multidetector CT of the Pancreas and Bile Duct System. American Journal of Roentgenology, 2001, 176, 689-693.	2.2	101
44	CT Angiography after 20 Years: A Transformation in Cardiovascular Disease Characterization Continues to Advance. Radiology, 2014, 271, 633-652.	7.3	98
45	Impact of aortoiliac tortuosity on endovascular repair of abdominal aortic aneurysms: Evaluation of 3D computer-based assessment. Journal of Vascular Surgery, 2001, 34, 594-599.	1.1	97
46	COVID-19 Imaging: What We Know Now and What Remains Unknown. Radiology, 2021, 299, E262-E279.	7.3	97
47	Three-dimensional spiral computed tomographic angiography: An alternative imaging modality for the abdominal aorta and its branches. Journal of Vascular Surgery, 1993, 18, 656-665.	1.1	96
48	Stair-Step Artifacts with Single versus Multiple Detector-Row Helical CT. Radiology, 2000, 216, 185-196.	7.3	95
49	Computed Tomography Angiography. Journal of Computer Assisted Tomography, 2004, 28, S32-S45.	0.9	95
50	Lung Nodule and Cancer Detection in Computed Tomography Screening. Journal of Thoracic Imaging, 2015, 30, 130-138.	1.5	95
51	Helical CT Angiography of the Thoracic Aorta. Journal of Thoracic Imaging, 1997, 12, 128-149.	1.5	92
52	Quantification of Intravenously Administered Contrast Medium Transit through the Peripheral Arteries: Implications for CT Angiography. Radiology, 2005, 236, 1076-1082.	7.3	91
53	Volumetric analysis of volumetric data: achieving a paradigm shift.. Radiology, 1996, 200, 312-317.	7.3	89
54	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.	2.8	84

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55	3-D imaging with MDCT. European Journal of Radiology, 2003, 45, S37-S41.	2.6	83
56	CAD-RADSâ„¢ 2.0 - 2022 Coronary Artery Disease-Reporting and Data System. Journal of Cardiovascular Computed Tomography, 2022, 16, 536-557.	1.3	80
57	Vascular Mapping of the Leg with Multiâ€"Detector Row CT Angiography prior to Free-Flap Transplantation. Radiology, 2005, 237, 353-360.	7.3	78
58	Characterizing Search, Recognition, and Decision in the Detection of Lung Nodules on CT Scans: Elucidation with Eye Tracking. Radiology, 2015, 274, 276-286.	7.3	77
59	Rate of change in abdominal aortic aneurysm diameter after endovascular repair. Journal of Vascular Surgery, 2000, 32, 108-115.	1.1	75
60	Incidental Extracardiac Findings at Coronary CT: Clinical and Economic Impact. American Journal of Roentgenology, 2010, 194, 1531-1538.	2.2	73
61	Costing in Radiology and Health Care: Rationale, Relativity, Rudiments, and Realities. Radiology, 2017, 282, 333-347.	7.3	71
62	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.	4.5	63
63	Insulin resistance independently predicts the progression of coronary artery calcification. American Heart Journal, 2009, 157, 939-945.	2.7	62
64	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.	4.5	62
65	Time-resolved CT Angiography for the Detection and Classification of Endoleaks. Radiology, 2012, 263, 917-926.	7.3	62
66	Atherosclerotic Vascular Disease Conference. Circulation, 2004, 109, 2626-2633.	1.6	60
67	American College of Radiology Clinical Statement on Noninvasive Cardiac Imaging. Radiology, 2005, 235, 723-727.	7.3	60
68	An abdominal aortic aneurysm segmentation method: Level set with region and statistical information. Medical Physics, 2006, 33, 1440-1453.	3.0	60
69	Virtual Endoscopy of the Paranasal Sinuses Using Perspective Volume Rendered Helical Sinus Computed Tomography. Laryngoscope, 1997, 107, 25-29.	2.0	59
70	Singleâ€" versus Multiâ€"Detector Row CT of the Brain: Quality Assessment. Radiology, 2001, 219, 750-755.	7.3	58
71	Optimization of thoracic spiral CT: effects of iodinated contrast medium concentration.. Radiology, 1996, 201, 785-791.	7.3	57
72	Economic Outcomes With Anatomical Versus Functional Diagnostic Testing for Coronary Artery Disease. Annals of Internal Medicine, 2016, 165, 94.	3.9	57

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73	Three-dimensional helical CT angiography.. Radiographics, 1994, 14, 905-912.	3.3	55
74	Coronary Artery: Quantitative Evaluation of Normal Diameter Determined with Electron-Beam CT Compared with Cine Coronary Angiographyâ€"Initial Experience. Radiology, 2003, 226, 263-271.	7.3	55
75	Angiographic Imaging of the Lower Extremities with Multidetector CT. Radiologic Clinics of North America, 2005, 43, 1119-1127.	1.8	54
76	Incidental Pulmonary Nodules on Cardiac Computed Tomography: Prognosis and Use. American Journal of Medicine, 2008, 121, 989-996.	1.5	54
77	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.	7.3	53
78	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.	0.8	53
79	Type-II Endoleaks Following Endovascular AAA Repair:Preoperative Predictors and Long-term Effects. Journal of Endovascular Therapy, 2001, 8, 503-510.	1.5	53
80	Techniques for performing multidetector-row computed tomographic angiography. Techniques in Vascular and Interventional Radiology, 2001, 4, 2-14.	1.0	52
81	Automated Generation of Curved Planar Reformations from Volume Data: Method and Evaluation. Radiology, 2002, 223, 275-280.	7.3	51
82	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.	3.8	51
83	ACCF/ACR/AHA/NASCI/SAIP/SCAI/SCCT 2010 Expert Consensus Document on Coronary Computed Tomographic Angiography. Catheterization and Cardiovascular Interventions, 2010, 76, E1-42.	1.7	51
84	Changes in aneurysm volume after endovascular repair of abdominal aortic aneurysm. Journal of Vascular Surgery, 2002, 36, 305-309.	1.1	50
85	Shape â€œBreak-and-Repairâ€•Strategy and Its Application to Automated Medical Image Segmentation. IEEE Transactions on Visualization and Computer Graphics, 2011, 17, 115-124.	4.4	50
86	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.	2.8	47
87	Helical CT of the urinary tract.. American Journal of Roentgenology, 1999, 172, 1199-1206.	2.2	46
88	Cost Identification of Abdominal Aortic Aneurysm Imaging by Using Time and Motion Analyses. Radiology, 2000, 215, 63-70.	7.3	45
89	Detection of Colonic Polyps in a Phantom Model: Implications for Virtual Colonoscopy Data Acquisition. Journal of Computer Assisted Tomography, 1998, 22, 656-663.	0.9	45
90	Preoperative CT angiography for free fibula transfer. Microsurgery, 2004, 24, 125-127.	1.3	43

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91	Imaging of Pulmonary Hypertension in Adults: A Position Paper from the Fleischner Society. Radiology, 2021, 298, 531-549.	7.3	43
92	Iliac Arterial Injuries after Endovascular Repair of Abdominal Aortic Aneurysms: Correlation with Iliac Curvature and Diameter. Radiology, 2001, 219, 129-136.	7.3	42
93	Imaging of pulmonary hypertension in adults: a position paper from the Fleischner Society. European Respiratory Journal, 2021, 57, 2004455.	6.7	42
94	Quantitative determination of age-related geometric changes in the normal abdominal aorta. Journal of Vascular Surgery, 2001, 33, 97-105.	1.1	40
95	Imaging Evaluation of Mediastinal Masses in Children and Adults. Journal of Thoracic Imaging, 2015, 30, 247-267.	1.5	40
96	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.	1.8	40
97	Medical image segmentation using analysis of isolable-contour maps. IEEE Transactions on Medical Imaging, 2000, 19, 1064-1074.	8.9	39
98	CT angiography of the arterial system. Radiologic Clinics of North America, 2002, 40, 729-749.	1.8	39
99	Surveillance for endoleaks: How to detect all of them. Seminars in Vascular Surgery, 2004, 17, 268-278.	2.8	39
100	Body CT: Technical Advances for Improving Safety. American Journal of Roentgenology, 2011, 197, 33-41.	2.2	39
101	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.	2.8	39
102	Active arterial contrast extravasation on helical CT of the abdomen, pelvis, and chest.. American Journal of Roentgenology, 1998, 171, 679-685.	2.2	38
103	Thoracic spiral CT: influence of subsecond gantry rotation on image quality.. Radiology, 1998, 208, 771-776.	7.3	38
104	Prediction of Aortoiliac Stent-Graft Length: Comparison of Measurement Methods. Radiology, 2001, 220, 475-483.	7.3	37
105	Early Experience with Computed Tomographic Angiography in Microsurgical Reconstruction. Plastic and Reconstructive Surgery, 2003, 112, 498-503.	1.4	37
106	Plasma Leptin Levels and Coronary Artery Calcification in Older Adults. Journal of Clinical Endocrinology and Metabolism, 2007, 92, 729-732.	3.6	37
107	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.	0.5	37
108	Detection and follow-up of important extra-arterial lesions with helical CT angiography. Clinical Radiology, 1999, 54, 294-300.	1.1	36

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109	Impact of Quantitatively Determined Native Thoracic Aortic Tortuosity on Endoleak Development After Thoracic Endovascular Aortic Repair. American Journal of Roentgenology, 2011, 197, W1140-W1146.	2.2	36
110	Machine-learning-based multiple abnormality prediction with large-scale chest computed tomography volumes. Medical Image Analysis, 2021, 67, 101857.	11.6	35
111	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.	1.8	34
112	Spiral (helical) CT of the renal vasculature. Seminars in Ultrasound, CT and MRI, 1996, 17, 374-397.	1.5	32
113	CT angiography of the thoracic aorta. Seminars in Roentgenology, 2003, 38, 115-134.	0.6	31
114	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.	1.5	31
115	Altered intravascular contrast material flow dynamics: clues for refining thoracic CT diagnosis.. American Journal of Roentgenology, 1997, 169, 1597-1603.	2.2	30
116	Increased Scan Pitch for Vascular and Thoracic Spiral CT. Radiology, 1995, 197, 316-317.	7.3	29
117	CT Angiography in Complex Upper Extremity Reconstruction. Journal of Hand Surgery, 2004, 29, 465-469.	0.8	29
118	MDCT angiography of pediatric vascular diseases of the abdomen, pelvis, and extremities. Pediatric Radiology, 2005, 35, 40-53.	2.0	29
119	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.	0.6	29
120	Utilization of Lung Cancer Screening in the Medicare Fee-for-Service Population. Chest, 2020, 158, 2200-2210.	0.8	29
121	THE USE OF SPIRAL COMPUTED TOMOGRAPHY IN THE EVALUATION OF LIVING DONORS FOR KIDNEY TRANSPLANTATION1. Transplantation, 1995, 59, 643-645.	1.0	28
122	Curved-Slab Maximum Intensity Projection: Method and Evaluation. Radiology, 2003, 229, 255-260.	7.3	28
123	Assessment of Global Left Ventricular Function. Journal of Computer Assisted Tomography, 2005, 29, 373-381.	0.9	27
124	Diagnosis of pulmonary hemosiderosis by MR imaging. American Journal of Roentgenology, 1989, 152, 573-574.	2.2	26
125	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.	2.9	26
126	Structured Reporting: Coronary CT Angiography. Journal of the American College of Radiology, 2008, 5, 796-800.	1.8	26

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127	Detection of endograft fractures with multidetector row computed tomography. Journal of Vascular Surgery, 2005, 42, 1002-1006.	1.1	25
128	Impaired Coronary Vasodilation by Magnetic Resonance Angiography Is Associated With Advanced Coronary Artery Calcification. JACC: Cardiovascular Imaging, 2008, 1, 167-173.	5.3	25
129	Alternative Input Devices for Efficient Navigation of Large CT Angiography Data Sets. Radiology, 2005, 234, 391-398.	7.3	24
130	CT Angiography of Peripheral Arterial Occlusive Disease. Techniques in Vascular and Interventional Radiology, 2006, 9, 143-149.	1.0	24
131	Three-Dimensional CT Evaluation for Endovascular Abdominal Aortic Aneurysm Repair. Quantitative Assessment of the Infrarenal Aortic Neck. Acta Chirurgica Belgica, 2003, 103, 81-86.	0.4	23
132	CT Angiography in Pediatric Extremity Trauma: Preoperative Evaluation Prior to Reconstructive Surgery. Hand, 2008, 3, 139-145.	1.2	23
133	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.	7.3	23
134	2018 ACC/HRS/NASCI/SCAI/SCCT Expert Consensus Document onÂOptimal Use of Ionizing Radiation inÂCardiovascular Imagingâ€"Best Practices for Safety and Effectiveness, Part 1: Radiation Physics and RadiationÂBiology. Journal of the American College of Cardiology, 2018, 71, 2811-2828.	2.8	23
135	Longitudinal sampling and aliasing in spiral CT. IEEE Transactions on Medical Imaging, 1999, 18, 43-58.	8.9	22
136	Spatially varying longitudinal aliasing and resolution in spiral computed tomography. Medical Physics, 1999, 26, 2617-2625.	3.0	22
137	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.	1.8	22
138	Single Breath-Hold Pulmonary Magnetic Resonance Angiography. Investigative Radiology, 1994, 29, 766-772.	6.2	21
139	Serotonin-lesion Myoclonic syndromes. I. Neurochemical profile and S-1 receptor binding. Brain Research, 1986, 364, 57-66.	2.2	20
140	Helical CT angiography of renal artery stenosis.. American Journal of Roentgenology, 1997, 168, 1109-1111.	2.2	20
141	Endovascular Stent Graft Repair of an Infrarenal Abdominal Aortic Aneurysm With a Horseshoe Kidney. Circulation, 2001, 103, 2126-2127.	1.6	20
142	CT Angiography of the Subclavian Artery: Utility of Curved Planar Reformations. Journal of Computer Assisted Tomography, 2002, 26, 199-201.	0.9	20
143	Fat collection related to the intrahepatic inferior vena cava on CT.. American Journal of Roentgenology, 1999, 172, 409-411.	2.2	19
144	ACR Clinical Statement on Noninvasive Cardiac Imaging. Journal of the American College of Radiology, 2005, 2, 471-477.	1.8	19

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145	Extracardiac Findings: What Is a Cardiologist to Do?. JACC: Cardiovascular Imaging, 2008, 1, 682-687.	5.3	19
146	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.	3.3	19
147	Ethnic Differences in Coronary Artery Calcium in a Healthy Cohort Aged 60 to 69 Years. American Journal of Cardiology, 2007, 100, 981-985.	1.6	18
148	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.	2.6	18
149	MRI of pulmonary embolism using Gd-DTPA-polyethylene glycol polymer enhanced 3D fast gradient echo technique in a canine model. Magnetic Resonance Imaging, 1997, 15, 543-550.	1.8	17
150	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.	1.6	17
151	Three-dimensional spiral CT angiography of the abdomen. Seminars in Ultrasound, CT and MRI, 1994, 15, 133-138.	1.5	16
152	Coronary Artery Angiography Using Multislice Computed Tomography Images. Circulation, 2000, 102, 1589-1590.	1.6	16
153	Acute aortic abnormalities. Seminars in Roentgenology, 2001, 36, 148-164.	0.6	16
154	Digital Storage Phosphor Chest Radiography: An ROC Study of the Effect of 2K versus 4K Matrix Size on Observer Performance. Radiology, 2001, 218, 527-532.	7.3	16
155	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.	1.7	16
156	Emerging and Evolving Roles for CT in Screening for Coronary Heart Disease. Journal of the American College of Radiology, 2013, 10, 943-948.	1.8	16
157	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.	3.0	15
158	Mr and Spiral/Helical CT Imaging of Lower Extremity Occlusive Disease. Surgical Clinics of North America, 1995, 75, 607-619.	1.5	13
159	Financial Forecasting and Stochastic Modeling: Predicting the Impact of Business Decisions. Radiology, 2017, 283, 342-358.	7.3	13
160	Creating Value through Incremental Innovation: Managing Culture, Structure, and Process. Radiology, 2018, 288, 330-340.	7.3	13
161	Utility of Three-Dimensional Volume Rendering Images Using Electron-Beam Computed Tomography to Evaluate Possible Causes of Ischemia From an Anomalous Origin of the Right Coronary Artery From the Left Sinus of Valsalva. Japanese Circulation Journal, 2001, 65, 575-578.	1.0	12
162	Learning-enhanced simulated annealing: method, evaluation, and application to lung nodule registration. Applied Intelligence, 2008, 28, 83-99.	5.3	12

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163	Upper Extremity Computed Tomographic Angiography: State of the Art Technique and Applications in 2010. Radiologic Clinics of North America, 2010, 48, 397-421.	1.8	12
164	Rapid Detection of Bone Metastasis at Thoracoabdominal CT: Accuracy and Efficiency of a New Visualization Algorithm. Radiology, 2014, 270, 825-833.	7.3	12
165	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.	1.7	12
166	Primary Interpretation of Thoracic MDCT Images Using Coronal Reformations. American Journal of Roentgenology, 2005, 185, 1500-1508.	2.2	11
167	Consensus update on the appropriate usage of cardiac computed tomographic angiography. Journal of Invasive Cardiology, 2007, 19, 484-90.	0.4	11
168	Concomitant Endovascular Repair of Descending Thoracic and Abdominal Aortic Aneurysm. Circulation, 2000, 102, E36.	1.6	10
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