

Dominik Fleischmann

List of Publications by Year in descending order

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191
papers

8,742
citations

38742

50
h-index

51608

86
g-index

198
all docs

198
docs citations

198
times ranked

7331
citing authors

#	ARTICLE	IF	CITATIONS
1	Photon-counting CT: Technical Principles and Clinical Prospects. Radiology, 2018, 289, 293-312.	7.3	645
2	CT artifacts: causes and reduction techniques. Imaging in Medicine, 2012, 4, 229-240.	0.0	593
3	Preparing Medical Imaging Data for Machine Learning. Radiology, 2020, 295, 4-15.	7.3	473
4	Improved Uniformity of Aortic Enhancement with Customized Contrast Medium Injection Protocols at CT Angiography. Radiology, 2000, 214, 363-371.	7.3	256
5	Evaluation of Two Iterative Techniques for Reducing Metal Artifacts in Computed Tomography. Radiology, 2011, 259, 894-902.	7.3	255
6	Computed tomography—old ideas and new technology. European Radiology, 2011, 21, 510-517.	4.5	240
7	Radiographically occult scaphoid fractures: value of MR imaging in detection.. Radiology, 1997, 203, 245-250.	7.3	201
8	CT Angiography of Peripheral Arterial Disease. Journal of Vascular and Interventional Radiology, 2006, 17, 3-26.	0.5	175
9	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
10	Deep venous thrombosis of the lower extremity: efficacy of spiral CT venography compared with conventional venography in diagnosis.. Radiology, 1996, 200, 423-428.	7.3	133
11	Use of high concentration contrast media: principles and rationale—vascular district. European Journal of Radiology, 2003, 45, S88-S93.	2.6	132
12	PTA Versus Carbofilm-Coated Stents in Infrapopliteal Arteries: Pilot Study. CardioVascular and Interventional Radiology, 2006, 29, 29-38.	2.0	116
13	Mathematical Analysis of Arterial Enhancement and Optimization of Bolus Geometry for CT Angiography Using the Discrete Fourier Transform. Journal of Computer Assisted Tomography, 1999, 23, 474-484.	0.9	116
14	Severity Assessment of Acute Pulmonary Embolism with Spiral CT. Journal of Thoracic Imaging, 1997, 12, 150-158.	1.5	108
15	Multidetector CT angiography in the assessment of peripheral arterial occlusive disease: accuracy in detecting the severity, number, and length of stenoses. European Radiology, 2008, 18, 665-671.	4.5	101
16	Discrete lung involvement in systemic lupus erythematosus: CT assessment.. Radiology, 1995, 196, 835-840.	7.3	100
17	CT Angiography after 20 Years: A Transformation in Cardiovascular Disease Characterization Continues to Advance. Radiology, 2014, 271, 633-652.	7.3	98
18	Fluid—structure interaction simulations of patient-specific aortic dissection. Biomechanics and Modeling in Mechanobiology, 2020, 19, 1607-1628.	2.8	97

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19	Stair-Step Artifacts with Single versus Multiple Detector-Row Helical CT. <i>Radiology</i> , 2000, 216, 185-196.	7.3	95
20	Accuracy of Predicting and Controlling Time-Dependent Aortic Enhancement from a Test Bolus Injection. <i>Journal of Computer Assisted Tomography</i> , 2001, 25, 287-294.	0.9	95
21	Computed Tomography Angiography. <i>Journal of Computer Assisted Tomography</i> , 2004, 28, S32-S45.	0.9	95
22	Optimal Vascular and Parenchymal Contrast Enhancement: The Current State of the Art. <i>Radiologic Clinics of North America</i> , 2009, 47, 13-26.	1.8	95
23	Bronchial wall thickness: appropriate window settings for thin-section CT and radiologic-anatomic correlation.. <i>Radiology</i> , 1996, 199, 831-836.	7.3	94
24	Three-dimensional spiral CT cholangiography in patients with suspected obstructive biliary disease: comparison with endoscopic retrograde cholangiography.. <i>Radiology</i> , 1996, 198, 861-868.	7.3	92
25	Quantification of Intravenously Administered Contrast Medium Transit through the Peripheral Arteries: Implications for CT Angiography. <i>Radiology</i> , 2005, 236, 1076-1082.	7.3	91
26	Internal Iliac Artery Embolization Before Endovascular Repair of Abdominal Aortic Aneurysms. <i>American Journal of Roentgenology</i> , 2001, 177, 599-605.	2.2	90
27	Evolution of CT findings in patients with cystic fibrosis.. <i>American Journal of Roentgenology</i> , 1999, 173, 81-88.	2.2	88
28	Epidemiology and contemporary management of abdominal aortic aneurysms. <i>Abdominal Radiology</i> , 2018, 43, 1032-1043.	2.1	87
29	Multiple detector-row CT angiography of the renal and mesenteric vessels. <i>European Journal of Radiology</i> , 2003, 45, S79-S87.	2.6	86
30	An international survey on AI in radiology in 1,041 radiologists and radiology residents part 1: fear of replacement, knowledge, and attitude. <i>European Radiology</i> , 2021, 31, 7058-7066.	4.5	86
31	Dual-energy CT Discrimination of Iodine and Calcium. <i>Academic Radiology</i> , 2009, 16, 160-171.	2.5	82
32	Computed Tomography Imaging Features in Acute Uncomplicated Stanford Type-B Aortic Dissection Predict Late Adverse Events. <i>Circulation: Cardiovascular Imaging</i> , 2017, 10, .	2.6	76
33	Present and future trends in multiple detector-row CT applications: CT angiography. <i>European Radiology</i> , 2002, 12, s11-s15.	4.5	74
34	High-concentration contrast media in MDCT angiography: principles and rationale. <i>European Radiology</i> , 2003, 13, N39-N43.	4.5	74
35	Use of high-concentration contrast media in multiple-detector-row CT: principles and rationale. <i>European Radiology</i> , 2003, 13, 14-20.	4.5	74
36	Azygos Arch Cannulation by Central Venous Catheters. <i>Journal of Thoracic Imaging</i> , 1997, 12, 64-69.	1.5	71

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37	CPR - curved planar reformation. , 0, , .		70
38	MDCT of renal and mesenteric vessels. <i>European Radiology</i> , 2003, 13, 94-101.	4.5	69
39	Lung metastases. <i>European Radiology</i> , 1996, 6, 596-606.	4.5	68
40	How to design injection protocols for multiple detector-row CT angiography (MDCTA). <i>European Radiology, Supplement</i> , 2005, 15, e60-e65.	1.4	67
41	Assessment of the Radiation Effects of Cardiac CT Angiography Using Protein and Genetic Biomarkers. <i>JACC: Cardiovascular Imaging</i> , 2015, 8, 873-884.	5.3	66
42	Successful treatment of a stanford type a dissection by percutaneous placement of a covered stent graft in the ascending aorta. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2004, 127, 1808-1810.	0.8	65
43	Spectral photon-counting CT in cardiovascular imaging. <i>Journal of Cardiovascular Computed Tomography</i> , 2021, 15, 218-225.	1.3	65
44	CT Angiography: Injection and Acquisition Technique. <i>Radiologic Clinics of North America</i> , 2010, 48, 237-247.	1.8	64
45	Radiographic detection of intrabronchial malpositions of nasogastric tubes and subsequent complications in intensive care unit patients. <i>Intensive Care Medicine</i> , 1997, 23, 406-410.	8.2	63
46	Improving Spatial Resolution at CT: Development, Benefits, and Pitfalls. <i>Radiology</i> , 2018, 289, 261-262.	7.3	59
47	Acute Aortic Syndromes: New Insights from Electrocardiographically Gated Computed Tomography. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2008, 20, 340-347.	0.6	55
48	Angiographic Imaging of the Lower Extremities with Multidetector CT. <i>Radiologic Clinics of North America</i> , 2005, 43, 1119-1127.	1.8	54
49	Early Pulmonary Involvement in Ankylosing Spondylitis: Assessment With Thin-section CT. <i>Clinical Radiology</i> , 2000, 55, 632-636.	1.1	53
50	Progressive multifocal leukoencephalopathy in AIDS: initial and follow-up CT and MRI. <i>Neuroradiology</i> , 1997, 39, 611-618.	2.2	52
51	Future prospects in MDCT imaging. <i>European Radiology</i> , 2003, 13, 127-128.	4.5	51
52	High-resolution CT of diffuse interstitial lung disease: key findings in common disorders. <i>European Radiology</i> , 2001, 11, 373-392.	4.5	49
53	CT Findings in Acute, Subacute, and Chronic Ischemic Colitis: Suggestions for Diagnosis. <i>BioMed Research International</i> , 2014, 2014, 1-7.	1.9	49
54	An international survey on AI in radiology in 1041 radiologists and radiology residents part 2: expectations, hurdles to implementation, and education. <i>European Radiology</i> , 2021, 31, 8797-8806.	4.5	43

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55	Iliac Arterial Injuries after Endovascular Repair of Abdominal Aortic Aneurysms: Correlation with Iliac Curvature and Diameter. <i>Radiology</i> , 2001, 219, 129-136.	7.3	42
56	A pictorial review of acute aortic syndrome: discriminating and overlapping features as revealed by ECG-gated multidetector-row CT angiography. <i>Insights Into Imaging</i> , 2012, 3, 561-571.	3.4	41
57	Acute Limited Intimal Tears of the Thoracic Aorta. <i>Journal of the American College of Cardiology</i> , 2018, 71, 2773-2785.	2.8	41
58	Quantitative determination of age-related geometric changes in the normal abdominal aorta. <i>Journal of Vascular Surgery</i> , 2001, 33, 97-105.	1.1	40
59	Infolding and collapse of thoracic endoprostheses: Manifestations and treatment options. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2009, 138, 324-333.	0.8	40
60	Antiangiogenic and Radiation Therapy. <i>Investigative Radiology</i> , 2012, 47, 25-32.	6.2	40
61	Endovascular treatment of complex aortic aneurysms: prevalence of acute kidney injury and effect on long-term renal function. <i>European Radiology</i> , 2016, 26, 1613-1619.	4.5	40
62	Long-Term MRI Observations of Childhood-Onset Relapsing-Remitting Multiple Sclerosis. <i>Neuropediatrics</i> , 2001, 32, 28-37.	0.6	39
63	Left Main Coronary Artery Compression by the Pulmonary Trunk in Pulmonary Hypertension. <i>Circulation</i> , 2002, 105, 265-265.	1.6	39
64	CT Angiography of Pulmonary Artery Aneurysms in Hughes-Stovin Syndrome. <i>American Journal of Roentgenology</i> , 2005, 185, 330-332.	2.2	39
65	Lower extremity computed tomography angiography can help predict technical success of endovascular revascularization in the superficial femoral and popliteal artery. <i>Journal of Vascular Surgery</i> , 2017, 66, 835-843.e1.	1.1	39
66	Prognostic significance of early aortic remodeling in acute uncomplicated type B aortic dissection and intramural hematoma. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 154, 1192-1200.	0.8	38
67	The Project Baseline Health Study: a step towards a broader mission to map human health. <i>Npj Digital Medicine</i> , 2020, 3, 84.	10.9	38
68	CT-based True- and False-Lumen Segmentation in Type B Aortic Dissection Using Machine Learning. <i>Radiology: Cardiothoracic Imaging</i> , 2020, 2, e190179.	2.5	37
69	Update: Abdominal tuberculosis – Unusual findings on CT. <i>Clinical Radiology</i> , 1995, 50, 223-228.	1.1	36
70	Carotid plaque imaging and the risk of atherosclerotic cardiovascular disease. <i>Cardiovascular Diagnosis and Therapy</i> , 2020, 10, 1048-1067.	1.7	36
71	Multipath Curved Planar Reformation of the Peripheral Arterial Tree in CT Angiography. <i>Radiology</i> , 2007, 244, 281-290.	7.3	35
72	Value of negative spiral CT angiography in patients with suspected acute PE: analysis of PE occurrence and outcome. <i>European Radiology</i> , 2004, 14, 93-98.	4.5	34

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73	Computed Tomography Angiography. Radiologic Clinics of North America, 2016, 54, 1-12.	1.8	34
74	Equipment availability and diagnostic strategies for suspected pulmonary embolism in Austria. European Radiology, 2001, 11, 2287-2294.	4.5	33
75	Imaging and Surveillance of Chronic Aortic Dissection: A Scientific Statement From the American Heart Association. Circulation: Cardiovascular Imaging, 2022, 15, HCl0000000000000075.	2.6	33
76	MRI of the Sinus Tarsi in Acute Ankle Sprain Injuries. Journal of Computer Assisted Tomography, 1997, 21, 274-279.	0.9	32
77	Position of jugular oxygen saturation catheter in patients with head trauma: assessment by use of plain films.. American Journal of Roentgenology, 1995, 164, 437-441.	2.2	30
78	Myocardial Bridges on Coronary Computed Tomography Angiographyâ€œâ€œ Correlation With Intravascular Ultrasound and Fractional Flow Reserve â€œ. Circulation Journal, 2017, 81, 1894-1900.	1.6	30
79	Coronary artery calcium: A technical argument for a new scoring method. Journal of Cardiovascular Computed Tomography, 2019, 13, 347-352.	1.3	30
80	Advanced curved planar reformation: flattening of vascular structures. , 0, , .		29
81	The VesselGlyph: focus & context visualization in CT-angiography. , 0, , .		29
82	Tools of the Trade for CTA: MDCT Scanners and Contrast Medium Injection Protocols. Techniques in Vascular and Interventional Radiology, 2006, 9, 134-142.	1.0	29
83	Effect of MDCT Angiographic Findings on the Management of Intermittent Claudication. American Journal of Roentgenology, 2007, 189, 1215-1222.	2.2	29
84	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
85	State-of-the-Art Computed Tomography Angiography of Acute Aortic Syndrome. Seminars in Ultrasound, CT and MRI, 2012, 33, 222-234.	1.5	29
86	Aortic Arch Vessel Geometries and Deformations in Patients with Thoracic Aortic Aneurysms and Dissections. Journal of Vascular and Interventional Radiology, 2014, 25, 1903-1911.	0.5	29
87	Aortic growth and development of partial false lumen thrombosis are associated with late adverse events in type B aortic dissection. Journal of Thoracic and Cardiovascular Surgery, 2021, 161, 1184-1190.e2.	0.8	28
88	Value of MDCT Angiography in Developing Treatment Strategies for Critical Limb Ischemia. American Journal of Roentgenology, 2009, 192, 1416-1424.	2.2	27
89	Aortic Dissection and Other Acute Aortic Syndromes: Diagnostic Imaging Findings from Acute to Chronic Longitudinal Progression. Radiographics, 2021, 41, 425-446.	3.3	27
90	Computed tomographic angiography: historical perspective and new state-of-the-art using multi detector-row helical computed tomography. Journal of Computer Assisted Tomography, 1999, 23 Suppl 1, S83-90.	0.9	27

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91	Pre- and Postoperative Imaging of the Aortic Root. Radiographics, 2016, 36, 19-37.	3.3	26
92	Comparison of T2-weighted and fluid-attenuated inversion-recovery fast spin-echo MR sequences in intracerebral AIDS-associated disease. American Journal of Neuroradiology, 1997, 18, 1601-9.	2.4	26
93	Detection of endograft fractures with multidetector row computed tomography. Journal of Vascular Surgery, 2005, 42, 1002-1006.	1.1	25
94	DNA damage-associated biomarkers in studying individual sensitivity to low-dose radiation from cardiovascular imaging. European Heart Journal, 2016, 37, 3075-3080.	2.2	24
95	Reduced dose CT with model-based iterative reconstruction compared to standard dose CT of the chest, abdomen, and pelvis in oncology patients: intra-individual comparison study on image quality and lesion conspicuity. Abdominal Radiology, 2017, 42, 2279-2288.	2.1	23
96	Changes in Geometry and Cardiac Deformation of the Thoracic Aorta after Thoracic Endovascular Aortic Repair. Annals of Vascular Surgery, 2018, 46, 83-89.	0.9	23
97	Semiautomated Characterization of Carotid Artery Plaque Features From Computed Tomography Angiography to Predict Atherosclerotic Cardiovascular Disease Risk Score. Journal of Computer Assisted Tomography, 2019, 43, 452-459.	0.9	23
98	Pre- and Postoperative Imaging of the Aortic Root for Valve-Sparing Aortic Root Repair (V-SARR). Seminars in Thoracic and Cardiovascular Surgery, 2008, 20, 365-373.	0.6	21
99	Imaging of the Aorta: Embryology and Anatomy. Seminars in Ultrasound, CT and MRI, 2012, 33, 169-190.	1.5	21
100	Dose reduction using a dynamic, piecewise-linear attenuator. Medical Physics, 2014, 41, 021910.	3.0	21
101	The impact of dose reduction on the quantification of coronary artery calcifications and risk categorization: A systematic review. Journal of Cardiovascular Computed Tomography, 2018, 12, 352-363.	1.3	21
102	Machine Learning to Predict In-Hospital Mortality in COVID-19 Patients Using Computed Tomography-Derived Pulmonary and Vascular Features. Journal of Personalized Medicine, 2021, 11, 501.	2.5	21
103	Partial Fat-saturated Contrast-enhanced Three-dimensional MR Angiography Compared with Non-Fat-saturated and Conventional Fat-saturated MR Angiography. Radiology, 2000, 216, 298-303.	7.3	20
104	Model-based Iterative Reconstruction Compared to Adaptive Statistical Iterative Reconstruction and Filtered Back-projection in CT of the Kidneys and the Adjacent Retroperitoneum. Academic Radiology, 2014, 21, 774-784.	2.5	20
105	Cardiac Paraganglioma: Diagnostic and Surgical Challenges. Journal of Cardiac Surgery, 2012, 27, 178-182.	0.7	19
106	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
107	Endovascular stent-graft repair of complicated penetrating atherosclerotic ulcers of the descending thoracic aorta. Journal of Vascular Surgery, 2002, 36, 720-6.	1.1	18
108	Peripheral CT angiography for interventional treatment planning. European Radiology, Supplement, 2006, 16, M58-M64.	1.4	17

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109	Regional right ventricular dysfunction in acute pulmonary embolism: relationship with clot burden and biomarker profile. <i>International Journal of Cardiovascular Imaging</i> , 2016, 32, 389-398.	1.5	17
110	Identification of Pulmonary Hypertension Caused by Left-Sided Heart Disease (World Health) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 152, 792-799.	0.8	17
111	Fully automated quantification method (FQM) of coronary calcium in an anthropomorphic phantom. <i>Medical Physics</i> , 2021, 48, 3730-3740.	3.0	17
112	Accuracy of a novel stress echocardiography pattern for myocardial bridging in patients with angina and no obstructive coronary artery disease – A retrospective and prospective cohort study. <i>International Journal of Cardiology</i> , 2020, 311, 107-113.	1.7	16
113	The utility of three-dimensional models in complex microsurgical reconstruction. <i>Archives of Plastic Surgery</i> , 2020, 47, 428-434.	0.9	16
114	Subjective differentiation of normal and pathological bronchi on thin-section CT: impact of observer training. <i>European Respiratory Journal</i> , 1999, 13, 781.	6.7	14
115	Computed Tomography Angiography of the Upper Extremities. <i>Radiologic Clinics of North America</i> , 2016, 54, 101-114.	1.8	14
116	The use of intraosseous needles for injection of contrast media for computed tomographic angiography of the thoracic aorta. <i>Journal of Cardiovascular Computed Tomography</i> , 2017, 11, 203-207.	1.3	14
117	Abdominal aortic aneurysms: pre- and post-procedural imaging. <i>Abdominal Radiology</i> , 2018, 43, 1044-1066.	2.1	14
118	Geometric Deformations of the Thoracic Aorta and Supra-Aortic Arch Branch Vessels Following Thoracic Endovascular Aortic Repair. <i>Vascular and Endovascular Surgery</i> , 2018, 52, 173-180.	0.7	13
119	Emerging methods for the characterization of ischemic heart disease: ultrafast Doppler angiography, micro-CT, photon-counting CT, novel MRI and PET techniques, and artificial intelligence. <i>European Radiology Experimental</i> , 2021, 5, 12.	3.4	13
120	Computed tomography angiography: a case study of peripheral vessel investigation. , 0, , .		12
121	A limit on dose reduction possible with CT reconstruction algorithms without prior knowledge of the scan subject. <i>Medical Physics</i> , 2016, 43, 1361-1368.	3.0	12
122	Machine learning for endoleak detection after endovascular aortic repair. <i>Scientific Reports</i> , 2020, 10, 18343.	3.3	12
123	Non-linear model fitting to parameterize diseased blood vessels. , 0, , .		11
124	Perfusion CT measurements predict tumor response in rectal carcinoma. <i>Abdominal Radiology</i> , 2017, 42, 1132-1140.	2.1	11
125	Assessing the Relationship between Atherosclerotic Cardiovascular Disease Risk Score and Carotid Artery Imaging Findings. <i>Journal of Neuroimaging</i> , 2019, 29, 119-125.	2.0	11
126	Defining genotype-phenotype relationships in patients with hypertrophic cardiomyopathy using cardiovascular magnetic resonance imaging. <i>PLoS ONE</i> , 2019, 14, e0217612.	2.5	10

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127	Feasibility and utility of dual-energy chest CTA for preoperative planning in pediatric pulmonary artery reconstruction. <i>International Journal of Cardiovascular Imaging</i> , 2019, 35, 1473-1481.	1.5	10
128	Coronary Artery Calcium Scoring. <i>Investigative Radiology</i> , 2022, 57, 13-22.	6.2	10
129	CTA pulmonary artery enlargement in patients with severe aortic stenosis: Prognostic impact after TAVR. <i>Journal of Cardiovascular Computed Tomography</i> , 2021, 15, 431-440.	1.3	10
130	Pulmonary Circulation Imaging: Embryology and Normal Anatomy. <i>Seminars in Ultrasound, CT and MRI</i> , 2012, 33, 473-484.	1.5	9
131	Evaluation of a metal artifact reduction technique in tonsillar cancer delineation. <i>Practical Radiation Oncology</i> , 2012, 2, 27-34.	2.1	9
132	Pediatric CT quality management and improvement program. <i>Pediatric Radiology</i> , 2014, 44, 519-524.	2.0	9
133	Deep flow-net for EPI distortion estimation. <i>NeuroImage</i> , 2020, 217, 116886.	4.2	9
134	Aorto-iliac/right leg arterial thrombosis necessitating limb amputation, pulmonary arterial, intracardiac, and ilio-caval venous thrombosis in a 40-year-old with COVID-19. <i>Clinical Imaging</i> , 2021, 75, 1-4.	1.5	9
135	Giant Coronary Aneurysms in Heart Transplantation: an Unusual Presentation of Cardiac Allograft Vasculopathy. <i>Journal of Heart and Lung Transplantation</i> , 2006, 25, 1367-1370.	0.6	8
136	Lower Extremity CT Angiography (CTA). <i>Academic Radiology</i> , 2009, 16, 646-653.	2.5	8
137	Open-source 4D statistical shape model of the heart for x-ray projection imaging. , 2015, , .		8
138	Christmas tree case study: computed tomography as a tool for mastering complex real world objects with applications in computer graphics. , 0, , .		7
139	Knowledge-based interpolation of curves: Application to femoropopliteal arterial centerline restoration. <i>Medical Image Analysis</i> , 2007, 11, 157-168.	11.6	7
140	Novel Approach to a Giant External Iliac Vein Aneurysm Secondary to Posttraumatic Femoral Arteriovenous Fistula. <i>Vascular and Endovascular Surgery</i> , 2015, 49, 148-151.	0.7	7
141	Noninvasive pulmonary nodule elastometry by CT and deformable image registration. <i>Radiotherapy and Oncology</i> , 2015, 115, 35-40.	0.6	7
142	Effect of low contrast medium-dose CTA on device sizing and access vessel assessment for TAVR. <i>European Journal of Radiology</i> , 2020, 124, 108826.	2.6	7
143	Coil Embolization of a Left Circumflex Feeder Branch in a Patient With a Mediastinal Paraganglioma. <i>JACC: Cardiovascular Interventions</i> , 2011, 4, 1345-1346.	2.9	6
144	Centerline reformations of complex vascular structures. , 2012, , .		6

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145	Assessing the Relationship Between American Heart Association Atherosclerotic Cardiovascular Disease Risk Score and Coronary Artery Imaging Findings. <i>Journal of Computer Assisted Tomography</i> , 2018, 42, 898-905.	0.9	6
146	Cardiopulmonary-induced deformations of the thoracic aorta following thoracic endovascular aortic repair. <i>Vascular</i> , 2019, 27, 181-189.	0.9	6
147	Implicit Modeling of Patient-specific Aortic Dissections with Elliptic Fourier Descriptors. <i>Computer Graphics Forum</i> , 2021, 40, 423-434.	3.0	6
148	CT Angiography of Venous Arterial Extracorporeal Membrane Oxygenation. <i>Radiographics</i> , 2022, 42, 23-37.	3.3	6
149	Automatic patient-instruction devices in thin-section CT of the thorax: impact on image quality. <i>Radiology</i> , 1995, 196, 841-844.	7.3	5
150	Unexpected Findings During the Anesthetic Management of a Patient With a Cardiac Paraganglioma. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2008, 22, 570-572.	1.3	5
151	Technical Advances in Cardiovascular Imaging. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2008, 20, 333-339.	0.6	5
152	Aortoiliac Elongation after Endovascular Aortic Aneurysm Repair. <i>Annals of Vascular Surgery</i> , 2015, 29, 891-897.	0.9	5
153	Reducing Functional MR Imaging Acquisition Times by Optimizing Workflow. <i>Radiographics</i> , 2017, 37, 316-322.	3.3	5
154	Coronary Computed Tomography Angiography in Diagnosing Obstructive Coronary Artery Disease in Patients with Advanced Chronic Kidney Disease: A Systematic Review and Meta-Analysis. <i>CardioRenal Medicine</i> , 2021, 11, 44-51.	1.9	5
155	Deep Reinforcement Learning for Localization of the Aortic Annulus in Patients with Aortic Dissection. <i>Lecture Notes in Computer Science</i> , 2020, , 94-105.	1.3	5
156	Deep Learning-Based 3D Segmentation of True Lumen, False Lumen, and False Lumen Thrombosis in Type-B Aortic Dissection. , 2021, 2021, 3912-3915.		5
157	Impact of Discordant Views in the Management of Descending Thoracic Aortic Aneurysm. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2017, 29, 283-291.	0.6	4
158	Popup-Plots: Warping Temporal Data Visualization. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2019, 25, 2443-2457.	4.4	4
159	Semi-automatic vessel detection for challenging cases of peripheral arterial disease. <i>Computers in Biology and Medicine</i> , 2021, 133, 104344.	7.0	4
160	Femoropopliteal artery centerline interpolation using contralateral shape. <i>Medical Physics</i> , 2007, 34, 3428-3435.	3.0	3
161	Incremental Value of Aortomitral Continuity Calcification for Risk Assessment after Transcatheter Aortic Valve Replacement. <i>Radiology: Cardiothoracic Imaging</i> , 2019, 1, e190067.	2.5	3
162	Carotid Artery Imaging Is More Strongly Associated With the 10-Year Atherosclerotic Cardiovascular Disease Score Than Coronary Artery Imaging. <i>Journal of Computer Assisted Tomography</i> , 2019, 43, 679-685.	0.9	3

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163	Computed Tomographic Angiography-Based Fractional Flow Reserve Compared With Catheter-Based Dobutamine-Stress Diastolic Fractional Flow Reserve in Symptomatic Patients With a Myocardial Bridge and No Obstructive Coronary Artery Disease. <i>Circulation: Cardiovascular Imaging</i> , 2020, 13, e009576.	2.6	3
164	TH-C-18A-08: A Management Tool for CT Dose Monitoring, Analysis, and Protocol Review. <i>Medical Physics</i> , 2014, 41, 558-558.	3.0	3
165	Association of left ventricular diastolic function with coronary artery calcium score: A Project Baseline Health Study. <i>Journal of Cardiovascular Computed Tomography</i> , 2022, 16, 498-508.	1.3	3
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