

# 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	Coronary Artery Calcium Scoring. <i>Investigative Radiology</i> , 2022, 57, 13-22.	6.2	10
2	CT Angiography of Venoarterial Extracorporeal Membrane Oxygenation. <i>Radiographics</i> , 2022, 42, 23-37.	3.3	6
3	Low-dose coronary calcium scoring CT using a dedicated reconstruction filter for kV-independent calcium measurements. <i>European Radiology</i> , 2022, 32, 4225-4233.	4.5	2
4	Imaging and Surveillance of Chronic Aortic Dissection: A Scientific Statement From the American Heart Association. <i>Circulation: Cardiovascular Imaging</i> , 2022, 15, HCl0000000000000075.	2.6	33
5	Blood Flow Patterns of Risk in Aortic Dissection. <i>Journal of the American College of Cardiology</i> , 2022, 79, 2428-2430.	2.8	1
6	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
7	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
8	Spectral photon-counting CT in cardiovascular imaging. <i>Journal of Cardiovascular Computed Tomography</i> , 2021, 15, 218-225.	1.3	65
9	Aortic growth and development of partial false lumen thrombosis are associated with late adverse events in type B aortic dissection. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, 161, 1184-1190.e2.	0.8	28
10	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
11	Aortic Dissection and Other Acute Aortic Syndromes: Diagnostic Imaging Findings from Acute to Chronic Longitudinal Progression. <i>Radiographics</i> , 2021, 41, 425-446.	3.3	27
12	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
13	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
14	Fully automated quantification method (FQM) of coronary calcium in an anthropomorphic phantom. <i>Medical Physics</i> , 2021, 48, 3730-3740.	3.0	17
15	Machine Learning to Predict In-Hospital Mortality in COVID-19 Patients Using Computed Tomography-Derived Pulmonary and Vascular Features. <i>Journal of Personalized Medicine</i> , 2021, 11, 501.	2.5	21
16	Implicit Modeling of Patient-Specific Aortic Dissections with Elliptic Fourier Descriptors. <i>Computer Graphics Forum</i> , 2021, 40, 423-434.	3.0	6
17	Semi-automatic vessel detection for challenging cases of peripheral arterial disease. <i>Computers in Biology and Medicine</i> , 2021, 133, 104344.	7.0	4
18	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

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19	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
20	Entry Tear Dominance at CT Angiography Predicts Long-term Clinical Outcomes in Aortic Dissection: Another Piece of the Puzzle. <i>Radiology: Cardiothoracic Imaging</i> , 2021, 3, e210271.	2.5	2
21	Deep Learning-Based 3D Segmentation of True Lumen, False Lumen, and False Lumen Thrombosis in Type-B Aortic Dissection. , 2021, 2021, 3912-3915.		5
22	Carotid plaque imaging and the risk of atherosclerotic cardiovascular disease. <i>Cardiovascular Diagnosis and Therapy</i> , 2020, 10, 1048-1067.	1.7	36
23	Machine learning for endoleak detection after endovascular aortic repair. <i>Scientific Reports</i> , 2020, 10, 18343.	3.3	12
24	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
25	Dramatic Case of Paradoxical Embolism. <i>Radiology: Cardiothoracic Imaging</i> , 2020, 2, e200360.	2.5	0
26	Deep flow-net for EPI distortion estimation. <i>NeuroImage</i> , 2020, 217, 116886.	4.2	9
27	Endovascular Aortic Repair After Proximal Stent Graft Migration of a Modified Frozen Elephant Trunk. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2020, 15, 169-172.	0.9	1
28	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
29	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
30	Preparing Medical Imaging Data for Machine Learning. <i>Radiology</i> , 2020, 295, 4-15.	7.3	473
31	Fluid-structure interaction simulations of patient-specific aortic dissection. <i>Biomechanics and Modeling in Mechanobiology</i> , 2020, 19, 1607-1628.	2.8	97
32	P1423 Significantly higher 1-year mortality rate in patients undergoing TAVR with higher right ventricular volumes, as calculated by pre-procedural CT angiography. <i>European Heart Journal Cardiovascular Imaging</i> , 2020, 21, .	1.2	0
33	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
34	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
35	Semi-supervised Virtual Regression of Aortic Dissections Using 3D Generative Inpainting. <i>Lecture Notes in Computer Science</i> , 2020, , 130-140.	1.3	2
36	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

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37	The utility of three-dimensional models in complex microsurgical reconstruction. Archives of Plastic Surgery, 2020, 47, 428-434.	0.9	16
38	Repair of extra-anatomic bypass graft structural degeneration and pseudoaneurysm with endovascular stent-graft relining. JTCVS Techniques, 2020, 3, 259-262.	0.4	1
39	PopUp-Plots: Warping Temporal Data Visualization. IEEE Transactions on Visualization and Computer Graphics, 2019, 25, 2443-2457.	4.4	4
40	Defining genotype-phenotype relationships in patients with hypertrophic cardiomyopathy using cardiovascular magnetic resonance imaging. PLoS ONE, 2019, 14, e0217612.	2.5	10
41	Feasibility and utility of dual-energy chest CTA for preoperative planning in pediatric pulmonary artery reconstruction. International Journal of Cardiovascular Imaging, 2019, 35, 1473-1481.	1.5	10
42	Incremental Value of Aortomitral Continuity Calcification for Risk Assessment after Transcatheter Aortic Valve Replacement. Radiology: Cardiothoracic Imaging, 2019, 1, e190067.	2.5	3
43	Carotid Artery Imaging Is More Strongly Associated With the 10-Year Atherosclerotic Cardiovascular Disease Score Than Coronary Artery Imaging. Journal of Computer Assisted Tomography, 2019, 43, 679-685.	0.9	3
44	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
45	Cardiopulmonary-induced deformations of the thoracic aorta following thoracic endovascular aortic repair. Vascular, 2019, 27, 181-189.	0.9	6
46	Coronary artery calcium: A technical argument for a new scoring method. Journal of Cardiovascular Computed Tomography, 2019, 13, 347-352.	1.3	30
47	Assessing the Relationship between Atherosclerotic Cardiovascular Disease Risk Score and Carotid Artery Imaging Findings. Journal of Neuroimaging, 2019, 29, 119-125.	2.0	11
48	Abdominal aortic aneurysms: pre- and post-procedural imaging. Abdominal Radiology, 2018, 43, 1044-1066.	2.1	14
49	Geometric Deformations of the Thoracic Aorta and Supra-Aortic Arch Branch Vessels Following Thoracic Endovascular Aortic Repair. Vascular and Endovascular Surgery, 2018, 52, 173-180.	0.7	13
50	Epidemiology and contemporary management of abdominal aortic aneurysms. Abdominal Radiology, 2018, 43, 1032-1043.	2.1	87
51	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
52	Assessing the Relationship Between American Heart Association Atherosclerotic Cardiovascular Disease Risk Score and Coronary Artery Imaging Findings. Journal of Computer Assisted Tomography, 2018, 42, 898-905.	0.9	6
53	Photon-counting CT: Technical Principles and Clinical Prospects. Radiology, 2018, 289, 293-312.	7.3	645
54	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

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55	Improving Spatial Resolution at CT: Development, Benefits, and Pitfalls. <i>Radiology</i> , 2018, 289, 261-262.	7.3	59
56	Acute Limited Intimal Tears of the Thoracic Aorta. <i>Journal of the American College of Cardiology</i> , 2018, 71, 2773-2785.	2.8	41
57	Reducing Functional MR Imaging Acquisition Times by Optimizing Workflow. <i>Radiographics</i> , 2017, 37, 316-322.	3.3	5
58	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. <i>Abdominal Radiology</i> , 2017, 42, 2279-2288.	2.1	23
59	Identification of Pulmonary Hypertension Caused by Left-Sided Heart Disease (World Health) Tj ETQq1 1 0.784314 rgBT /Overlock 10 152, 792-799.	0.8	17
60	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
61	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
62	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
63	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
64	Perfusion CT measurements predict tumor response in rectal carcinoma. <i>Abdominal Radiology</i> , 2017, 42, 1132-1140.	2.1	11
65	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
66	Quantification of motion of the thoracic aorta after ascending aortic repair of type-A dissection. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2017, 12, 811-819.	2.8	2
67	The Lone Carotid: Ultrasound Findings in Rare Innominate Artery Occlusion. <i>Journal for Vascular Ultrasound</i> , 2017, 41, 179-180.	0.1	1
68	Myocardial Bridges on Coronary Computed Tomography Angiographyâ€”Correlation With Intravascular Ultrasound and Fractional Flow Reserve â€”. <i>Circulation Journal</i> , 2017, 81, 1894-1900.	1.6	30
69	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
70	Volumetric analysis demonstrates that true and false lumen remodeling persists for 12Âmonths after thoracic endovascular aortic repair. <i>Journal of Vascular Surgery Cases and Innovative Techniques</i> , 2016, 2, 101-104.	0.6	0
71	CT and MRI of Aortic Valve Disease: Clinical Update. <i>Current Radiology Reports</i> , 2016, 4, 1.	1.4	1
72	A Crack in the Wall: Evolution of a Left Ventricular Apical Pseudoaneurysm. <i>Canadian Journal of Cardiology</i> , 2016, 32, 830.e7-830.e8.	1.7	1

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73	DNA damage-associated biomarkers in studying individual sensitivity to low-dose radiation from cardiovascular imaging. <i>European Heart Journal</i> , 2016, 37, 3075-3080.	2.2	24
74	Pre- and Postoperative Imaging of the Aortic Root. <i>Radiographics</i> , 2016, 36, 19-37.	3.3	26
75	Natural History of Type Ia Gutter Endoleaks After Snorkel/Chimney EVAR. <i>Journal of Vascular Surgery</i> , 2016, 63, 562-563.	1.1	2
76	Computed Tomography Angiography of the Upper Extremities. <i>Radiologic Clinics of North America</i> , 2016, 54, 101-114.	1.8	14
77	Computed Tomography Angiography. <i>Radiologic Clinics of North America</i> , 2016, 54, 1-12.	1.8	34
78	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
79	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
80	Contrast Medium Injection Technique. <i>Medical Radiology</i> , 2016, , 37-57.	0.1	0
81	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
82	Open-source 4D statistical shape model of the heart for x-ray projection imaging. , 2015, , .		8
83	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
84	Aortoiliac Elongation after Endovascular Aortic Aneurysm Repair. <i>Annals of Vascular Surgery</i> , 2015, 29, 891-897.	0.9	5
85	Noninvasive pulmonary nodule elastometry by CT and deformable image registration. <i>Radiotherapy and Oncology</i> , 2015, 115, 35-40.	0.6	7
86	Pediatric CT quality management and improvement program. <i>Pediatric Radiology</i> , 2014, 44, 519-524.	2.0	9
87	CT Findings in Acute, Subacute, and Chronic Ischemic Colitis: Suggestions for Diagnosis. <i>BioMed Research International</i> , 2014, 2014, 1-7.	1.9	49
88	Aortic Arch Vessel Geometries and Deformations in Patients with Thoracic Aortic Aneurysms and Dissections. <i>Journal of Vascular and Interventional Radiology</i> , 2014, 25, 1903-1911.	0.5	29
89	Dose reduction using a dynamic, piecewise-linear attenuator. <i>Medical Physics</i> , 2014, 41, 021910.	3.0	21
90	Model-based Iterative Reconstruction Compared to Adaptive Statistical Iterative Reconstruction and Filtered Back-projection in CT of the Kidneys and the Adjacent Retroperitoneum. <i>Academic Radiology</i> , 2014, 21, 774-784.	2.5	20

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91	CT Angiography after 20 Years: A Transformation in Cardiovascular Disease Characterization Continues to Advance. <i>Radiology</i> , 2014, 271, 633-652.	7.3	98
92	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
93	Aortoiliofemoral Assessment: MDCT. , 2014, , 257-271.		0
94	Antiangiogenic and Radiation Therapy. <i>Investigative Radiology</i> , 2012, 47, 25-32.	6.2	40
95	State-of-the-Art Computed Tomography Angiography of Acute Aortic Syndrome. <i>Seminars in Ultrasound, CT and MRI</i> , 2012, 33, 222-234.	1.5	29
96	Imaging of the Aorta: Embryology and Anatomy. <i>Seminars in Ultrasound, CT and MRI</i> , 2012, 33, 169-190.	1.5	21
97	Pulmonary Circulation Imaging: Embryology and Normal Anatomy. <i>Seminars in Ultrasound, CT and MRI</i> , 2012, 33, 473-484.	1.5	9
98	Cardiac Paraganglioma: Diagnostic and Surgical Challenges. <i>Journal of Cardiac Surgery</i> , 2012, 27, 178-182.	0.7	19
99	CT artifacts: causes and reduction techniques. <i>Imaging in Medicine</i> , 2012, 4, 229-240.	0.0	593
100	Evaluation of a metal artifact reduction technique in tonsillar cancer delineation. <i>Practical Radiation Oncology</i> , 2012, 2, 27-34.	2.1	9
101	Centerline reformations of complex vascular structures. , 2012, , .		6
102	CT patterns of fungal pulmonary infections of the lung: Comparison of standard-dose and simulated low-dose CT. <i>European Journal of Radiology</i> , 2012, 81, 2860-2866.	2.6	18
103	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
104	Evaluation of Two Iterative Techniques for Reducing Metal Artifacts in Computed Tomography. <i>Radiology</i> , 2011, 259, 894-902.	7.3	255
105	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
106	Computed tomographyâ€”old ideas and new technology. <i>European Radiology</i> , 2011, 21, 510-517.	4.5	240
107	Three- and Four-Dimensional Imaging in Acute Aortic Syndrome. , 2011, , 117-126.		0
108	Incomplete Endograft Apposition to the Aortic Arch: Bird-Beak Configuration Increases Risk of Endoleak Formation after Thoracic Endovascular Aortic Repair. <i>Radiology</i> , 2010, 255, 645-652.	7.3	157

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109	Embolization of a Symptomatic Systemic to Pulmonary (Right-to-left) Venous Shunt Caused by Fibrosing Mediastinitis and Superior Vena Caval Occlusion. <i>Journal of Vascular and Interventional Radiology</i> , 2010, 21, 140-143.	0.5	2
110	CT Angiography: Injection and Acquisition Technique. <i>Radiologic Clinics of North America</i> , 2010, 48, 237-247.	1.8	64
111	Value of MDCT Angiography in Developing Treatment Strategies for Critical Limb Ischemia. <i>American Journal of Roentgenology</i> , 2009, 192, 1416-1424.	2.2	27
112	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
113	Dual-energy CT Discrimination of Iodine and Calcium. <i>Academic Radiology</i> , 2009, 16, 160-171.	2.5	82
114	Lower Extremity CT Angiography (CTA). <i>Academic Radiology</i> , 2009, 16, 646-653.	2.5	8
115	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
116	Lower-Extremity CTA. <i>Medical Radiology</i> , 2009, , 321-330.	0.1	0
117	Multidetector CT angiography in the assessment of peripheral arterial occlusive disease: accuracy in detecting the severity, number, and length of stenoses. <i>European Radiology</i> , 2008, 18, 665-671.	4.5	101
118	Surgically palliated double-inlet left ventricle with transposition of the great arteries mistaken for aortic aneurysm with dissection. <i>International Journal of Cardiology</i> , 2008, 128, e82-e84.	1.7	0
119	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
120	Imaging of the Thoracic Aorta Before and After Stent-Graft Repair of Aneurysms and Dissections. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2008, 20, 348.e1-348.e16.	0.6	29
121	Pre- and Postoperative Imaging of the Aortic Root for Valve-Sparing Aortic Root Repair (V-SARR). <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2008, 20, 365-373.	0.6	21
122	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
123	Technical Advances in Cardiovascular Imaging. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2008, 20, 333-339.	0.6	5
124	Advances in Imaging of Cardiovascular Diseases: Introduction. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2008, 20, 332.	0.6	0
125	An improved algorithm for femoropopliteal artery centerline restoration using prior knowledge of shapes and image space data. <i>Medical Physics</i> , 2008, 35, 3372-3382.	3.0	1
126	Multipath Curved Planar Reformation of the Peripheral Arterial Tree in CT Angiography. <i>Radiology</i> , 2007, 244, 281-290.	7.3	35



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127	Femoropopliteal artery centerline interpolation using contralateral shape. <i>Medical Physics</i> , 2007, 34, 3428-3435.	3.0	3
128	Effect of MDCT Angiographic Findings on the Management of Intermittent Claudication. <i>American Journal of Roentgenology</i> , 2007, 189, 1215-1222.	2.2	29
129	Knowledge-based interpolation of curves: Application to femoropopliteal arterial centerline restoration. <i>Medical Image Analysis</i> , 2007, 11, 157-168.	11.6	7
130	Tools of the Trade for CTA: MDCT Scanners and Contrast Medium Injection Protocols. <i>Techniques in Vascular and Interventional Radiology</i> , 2006, 9, 134-142.	1.0	29
131	CT Angiography of Peripheral Arterial Disease. <i>Journal of Vascular and Interventional Radiology</i> , 2006, 17, 3-26.	0.5	175
132	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
133	Contrast Medium Applications for Multislice CT. , 2006, , 53-59.		2
134	Peripheral CT angiography for interventional treatment planning. <i>European Radiology, Supplement</i> , 2006, 16, M58-M64.	1.4	17
135	PTA Versus Carbofilm-Coated Stents in Infrapopliteal Arteries: Pilot Study. <i>CardioVascular and Interventional Radiology</i> , 2006, 29, 29-38.	2.0	116
136	Contrast Medium Injection Technique. , 2006, , 47-59.		1
137	Contrast-Medium Administration. , 2005, , 41-54.		2
138	How to design injection protocols for multiple detector-row CT angiography (MDCTA). <i>European Radiology, Supplement</i> , 2005, 15, e60-e65.	1.4	67
139	Essentials of Contrast Medium Delivery for CT Angiography. , 2005, , 65-71.		0
140	CT Angiography of Pulmonary Artery Aneurysms in Hughes-Stovin Syndrome. <i>American Journal of Roentgenology</i> , 2005, 185, 330-332.	2.2	39
141	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
142	Angiographic Imaging of the Lower Extremities with Multidetector CT. <i>Radiologic Clinics of North America</i> , 2005, 43, 1119-1127.	1.8	54
143	Detection of endograft fractures with multidetector row computed tomography. <i>Journal of Vascular Surgery</i> , 2005, 42, 1002-1006.	1.1	25
144	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

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145	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
146	Computed Tomography Angiography. <i>Journal of Computer Assisted Tomography</i> , 2004, 28, S32-S45.	0.9	95
147	High-concentration contrast media in MDCT angiography: principles and rationale. <i>European Radiology</i> , 2003, 13, N39-N43.	4.5	74
148	Multiple detector-row CT angiography of the renal and mesenteric vessels. <i>European Journal of Radiology</i> , 2003, 45, S79-S87.	2.6	86
149	Use of high concentration contrast media: principles and rationale—vascular district. <i>European Journal of Radiology</i> , 2003, 45, S88-S93.	2.6	132
150	MDCT of renal and mesenteric vessels. <i>European Radiology</i> , 2003, 13, 94-101.	4.5	69
151	Future prospects in MDCT imaging. <i>European Radiology</i> , 2003, 13, 127-128.	4.5	51
152	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
153	Left Main Coronary Artery Compression by the Pulmonary Trunk in Pulmonary Hypertension. <i>Circulation</i> , 2002, 105, 265-265.	1.6	39
154	Present and future trends in multiple detector-row CT applications: CT angiography. <i>European Radiology</i> , 2002, 12, s11-s15.	4.5	74
155	Endovascular stent-graft repair of complicated penetrating atherosclerotic ulcers of the descending thoracic aorta. <i>Journal of Vascular Surgery</i> , 2002, 36, 720-6.	1.1	18
156	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
157	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
158	High-resolution CT of diffuse interstitial lung disease: key findings in common disorders. <i>European Radiology</i> , 2001, 11, 373-392.	4.5	49
159	Equipment availability and diagnostic strategies for suspected pulmonary embolism in Austria. <i>European Radiology</i> , 2001, 11, 2287-2294.	4.5	33
160	Internal Iliac Artery Embolization Before Endovascular Repair of Abdominal Aortic Aneurysms. <i>American Journal of Roentgenology</i> , 2001, 177, 599-605.	2.2	90
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