

Andreas H Mahnken

List of Publications by Year in descending order

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107
papers

2,813
citations

147726

31
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197736

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114
all docs

114
docs citations

114
times ranked

2948
citing authors

#	ARTICLE	IF	CITATIONS
1	Availability of interventional-radiological revascularization procedures in Germany – an analysis of the DeGIR Registry Data 2018/19. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2022, 194, 160-168.	0.7	5
2	Digital Variance Angiography in Selective Lower Limb Interventions. <i>Journal of Vascular and Interventional Radiology</i> , 2022, 33, 104-112.	0.2	5
3	Availability of Interventional Oncology in Germany in the Years 2018 and 2019 – Results from a Nationwide Database (DeGIR Registry Data). <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2022, 194, 755-761.	0.7	1
4	Efficacy and Safety of Combined Embolization and Radiofrequency Ablation in Stage 1 Renal Cell Carcinomas. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2022, 194, 1020-1025.	0.7	2
5	The Effect of Obstructive Sleep Apnea and Continuous Positive Airway Pressure Therapy on Skeletal Muscle Lipid Content in Obese and Nonobese Men. <i>Journal of the Endocrine Society</i> , 2021, 5, bvab082.	0.1	9
6	Optimized 64-channel array configurations for accelerated simultaneous multislice acquisitions in 3T cardiac MRI. <i>Magnetic Resonance in Medicine</i> , 2021, 86, 2276-2289.	1.9	7
7	CIRSE Clinical Practice Manual. <i>CardioVascular and Interventional Radiology</i> , 2021, 44, 1323-1353.	0.9	24
8	Repeat Percutaneous Radiofrequency Ablation of T1 Renal Cell Carcinomas is Safe in Patients with Von Hippel-Lindau Disease. <i>CardioVascular and Interventional Radiology</i> , 2021, 44, 2022-2025.	0.9	5
9	CIRSE Standards of Practice on Analgesia and Sedation for Interventional Radiology in Adults. <i>CardioVascular and Interventional Radiology</i> , 2020, 43, 1251-1260.	0.9	18
10	Safety of Prophylactic Gastrostomy Tube Placement and Gastrostomy Tube Usage in Patients Treated by Radio(chemo)therapy for Head and Neck Cancer. <i>Anticancer Research</i> , 2020, 40, 1167-1173.	0.5	7
11	Personal Radiation Protection and Corresponding Dosimetry in Interventional Radiology: An Overview and Future Developments. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2019, 191, 512-521.	0.7	30
12	Current Technique and Application of Percutaneous Cryotherapy. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2018, 190, 836-846.	0.7	42
13	Thermal Ablation for Treating Malignant Tumors to the Liver. , 2018, , 215-234.		0
14	Electromagnetically Navigated In Situ Fenestration of Aortic Stent Grafts: Pilot Animal Study of a Novel Fenestrated EVAR Approach. <i>CardioVascular and Interventional Radiology</i> , 2018, 41, 170-176.	0.9	11
15	Effectiveness of a new radiation protection system in the interventional radiology setting. <i>European Journal of Radiology</i> , 2018, 106, 56-61.	1.2	21
16	Assessment of Therapy Response to Transarterial Radioembolization for Liver Metastases by Means of Post-treatment MRI-Based Texture Analysis. <i>CardioVascular and Interventional Radiology</i> , 2018, 41, 1545-1556.	0.9	31
17	Radiofrequency Ablation for Treating Malignant Tumors to the Lungs. , 2018, , 235-242.		0
18	White Paper: Curriculum in Interventional Radiology. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2017, 189, 309-311.	0.7	7

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19	Reconstructions Using RIF in Motion Mapping Technique Have Substantially Less Arrhythmogenic Artifacts in Dual-source Coronary CTA. <i>Academic Radiology</i> , 2017, 24, 167-174.	1.3	0
20	Initial Experience with the Transapical Access for TEVAR. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2017, 189, 760-764.	0.7	1
21	Balloon-Expandable Stent Graft for Treating Uretero-Iliac Artery Fistula. <i>CardioVascular and Interventional Radiology</i> , 2017, 40, 831-835.	0.9	11
22	Relationship between low tube voltage (70 kV) and the iodine delivery rate (IDR) in CT angiography: An experimental in-vivo study. <i>PLoS ONE</i> , 2017, 12, e0173592.	1.1	15
23	Endovascular Management of a Combined Subclavian and Vertebral Artery Injury in an Unstable Polytrauma Patient: Case Report and Literature Review. <i>Bulletin of Emergency and Trauma</i> , 2017, 5, 53-57.	0.4	2
24	Assessment of right atrium volume by conventional CT or MR techniques: Which modality resembles in vivo reality?. <i>European Journal of Radiology</i> , 2016, 85, 1040-1044.	1.2	9
25	Contrast-enhanced CT imaging in patients with chronic kidney disease. <i>Angiogenesis</i> , 2016, 19, 525-535.	3.7	22
26	Phantom-less bone mineral density (BMD) measurement using dual energy computed tomography-based 3-material decomposition. <i>Proceedings of SPIE</i> , 2016, , .	0.8	4
27	MR-Guided Percutaneous Abscess Drainage in Pregnancy. <i>Journal of Vascular and Interventional Radiology</i> , 2016, 27, 1767-1768.	0.2	3
28	Current status of transarterial radioembolization. <i>World Journal of Radiology</i> , 2016, 8, 449.	0.5	43
29	⁹⁰ Y-glass microspheres for hepatic neoplasia. <i>Future Oncology</i> , 2015, 11, 1343-1354.	1.1	1
30	Radiofrequency Ablation for Treating Malignant Tumors to the Lungs. , 2015, , 155-161.		0
31	Radiofrequency Ablation for Treating Malignant Tumors to the Liver. , 2015, , 141-154.		0
32	The Use of Contrast-Enhanced Post Mortem CT in the Detection of Cardiovascular Deaths. <i>PLoS ONE</i> , 2014, 9, e93101.	1.1	15
33	CIRSE Standards of Practice Guidelines on Iliocaval Stenting. <i>CardioVascular and Interventional Radiology</i> , 2014, 37, 889-97.	0.9	70
34	Cardiac CT and Stent Imaging: Update 2014. <i>Current Cardiovascular Imaging Reports</i> , 2014, 7, 1.	0.4	0
35	Contrast-enhanced postmortem computed tomography in clinical pathology: enhanced value of 20 clinical autopsies. <i>Human Pathology</i> , 2014, 45, 1813-1823.	1.1	26
36	Software-assisted post-interventional assessment of radiofrequency ablation. , 2014, , .		3

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37	Bare Metal Stenting for Endovascular Exclusion of Aortic Arch Thrombi. CardioVascular and Interventional Radiology, 2013, 36, 1127-1131.	0.9	11
38	Standards of Practice in Transarterial Radioembolization. CardioVascular and Interventional Radiology, 2013, 36, 613-622.	0.9	41
39	Thoracic stent graft sizing for frozen elephant trunk repair in acute type A dissection. Journal of Thoracic and Cardiovascular Surgery, 2013, 145, 964-969.e1.	0.4	62
40	Interventional Oncologic Approaches to Liver Metastases. Radiology, 2013, 266, 407-430.	3.6	109
41	Contrast-enhanced MRI predicts local recurrence of osteoid osteoma after radiofrequency ablation. Journal of Medical Imaging and Radiation Oncology, 2012, 56, 617-621.	0.9	9
42	CT Imaging of Coronary Stents: Past, Present, and Future. ISRN Cardiology, 2012, 2012, 1-12.	1.6	48
43	Automatic alignment of pre- and post-interventional liver CT images for assessment of radiofrequency ablation. Proceedings of SPIE, 2012, , .	0.8	9
44	Full Field Image Reconstruction Is Suitable for High-Pitch Dual-Source Computed Tomography. Investigative Radiology, 2012, 47, 642-648.	3.5	3
45	Virtual CT autopsy in clinical pathology: feasibility in clinical autopsies. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2012, 461, 211-219.	1.4	63
46	Contrast timing in computed tomography: Effect of different contrast media concentrations on bolus geometry. European Journal of Radiology, 2012, 81, e629-e632.	1.2	9
47	Imaging of Coronary Stents by Coronary CT-Angiography: Current Status. Current Cardiovascular Imaging Reports, 2012, 5, 274-281.	0.4	5
48	Efficacy of Lower-Body Shielding in Computed Tomography Fluoroscopy-Guided Interventions. CardioVascular and Interventional Radiology, 2012, 35, 1475-1479.	0.9	13
49	Adaptive normalized metal artifact reduction (ANMAR) in computed tomography. , 2011, , .		17
50	CT Fluoroscopyâ€“Guided Placement of Inferior Vena Cava Filters: Feasibility Study in Pigs. Journal of Vascular and Interventional Radiology, 2011, 22, 1531-1534.	0.2	1
51	Dual-source CT assessment of ventricular function in healthy and infarcted myocardium: An animal study. European Journal of Radiology, 2011, 77, 443-449.	1.2	7
52	Blended learning in radiology: Is self-determined learning really more effective?. European Journal of Radiology, 2011, 78, 384-387.	1.2	44
53	Aortic valve calcifications on chest films: how much calcium do I need?. Acta Cardiologica, 2011, 66, 505-508.	0.3	2
54	Radiofrequency Ablation of Osteoid Osteoma: Initial Experience with a New Monopolar Ablation Device. CardioVascular and Interventional Radiology, 2011, 34, 579-584.	0.9	22

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55	Volumetric Arterial Enhancement Fraction Predicts Tumor Recurrence After Hepatic Radiofrequency Ablation of Liver Metastases: Initial Results. American Journal of Roentgenology, 2011, 196, W573-W579.	1.0	19
56	Computed tomography imaging in myocardial infarction. Expert Review of Cardiovascular Therapy, 2011, 9, 211-221.	0.6	4
57	The culprit lesion and its consequences: combined visualization of the coronary arteries and delayed myocardial enhancement in dual-source CT: a pilot study. European Radiology, 2010, 20, 2834-2843.	2.3	12
58	A monolithically fabricated flexible resonant circuit for catheter tracking in magnetic resonance imaging. Sensors and Actuators B: Chemical, 2010, 144, 432-436.	4.0	10
59	Quantitative Whole Heart Stress Perfusion CT Imaging as Noninvasive Assessment of Hemodynamics in Coronary Artery Stenosis. Investigative Radiology, 2010, 45, 298-305.	3.5	106
60	Fast automatic path proposal computation for hepatic needle placement. Proceedings of SPIE, 2010, , .	0.8	25
61	Local Ablative Therapies in HCC: Percutaneous Ethanol Injection and Radiofrequency Ablation. Digestive Diseases, 2009, 27, 148-156.	0.8	32
62	Multidetector computed tomography (MDCT) evaluation of myocardial viability: intraindividual comparison of monomeric vs. dimeric contrast media in a rabbit model. European Radiology, 2009, 19, 290-297.	2.3	12
63	Value of conventional chest radiography for the detection of coronary calcifications: Comparison with MSCT. European Journal of Radiology, 2009, 69, 510-516.	1.2	9
64	Functional imaging in the assessment of myocardial infarction: MR imaging vs. MDCT vs. SPECT. European Journal of Radiology, 2009, 71, 480-485.	1.2	13
65	Assessment of Myocardial Edema by Computed Tomography in Myocardial Infarction. JACC: Cardiovascular Imaging, 2009, 2, 1167-1174.	2.3	28
66	Special Techniques. , 2009, , 349-381.		0
67	Musculo-Skeletal Interventions. , 2009, , 311-348.		0
68	Interventional Oncology. , 2009, , 159-264.		1
69	Left Ventricular Function Can Reliably be Assessed From Dual-Source CT Using ECG-Gated Tube Current Modulation. Investigative Radiology, 2009, 44, 384-389.	3.5	32
70	Percutaneous Transgastric Snaring for Repositioning of a Dislocated Internal Drain from a Pancreatic Pseudocyst. CardioVascular and Interventional Radiology, 2008, 31, 217-220.	0.9	11
71	Flat panel computed tomography for non-invasive flow measurement: initial results in in-vitro studies. European Radiology, 2008, 18, 747-752.	2.3	5
72	Carbon Dioxide Contrast Agent for CT Arteriography: Results in a Porcine Model. Journal of Vascular and Interventional Radiology, 2008, 19, 1055-1064.	0.2	9

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73	Vascular: Aortic Runoff, Abdominal CTA. , 2008, , 150-159.		0
74	Dual Energy: CTA Aorta. , 2008, , 212-221.		0
75	Evaluation of Aortocoronary Bypass Stents with Cardiac MDCT Compared with Conventional Catheter Angiography. American Journal of Roentgenology, 2007, 188, 361-369.	1.0	10
76	Dual-Source Computed Tomography for Assessing Cardiac Function. Investigative Radiology, 2007, 42, 491-498.	3.5	34
77	In Vitro Evaluation of Optionally Retrievable and Permanent IVC Filters. Investigative Radiology, 2007, 42, 529-535.	3.5	18
78	MDCT Detection of Mitral Valve Calcification: Prevalence and Clinical Relevance Compared with Echocardiography. American Journal of Roentgenology, 2007, 188, 1264-1269.	1.0	55
79	Cardiac CT: coronary arteries and beyond. European Radiology, 2007, 17, 994-1008.	2.3	47
80	Quantitative prediction of contrast enhancement from test bolus data in cardiac MSCT. European Radiology, 2007, 17, 1310-1319.	2.3	27
81	Late-phase MSCT in the different stages of myocardial infarction: animal experiments. European Radiology, 2007, 17, 2310-2317.	2.3	35
82	CT imaging of myocardial viability: experimental and clinical evidence. Cardiovascular Journal of Africa, 2007, 18, 169-74.	0.2	7
83	Radiofrequency Ablation of Osteoid Osteoma: Initial Results with a Bipolar Ablation Device. Journal of Vascular and Interventional Radiology, 2006, 17, 1465-1470.	0.2	55
84	Influence of Heart Rate and Temporal Resolution on Left-Ventricular Volumes in Cardiac Multislice Spiral Computed Tomography. Investigative Radiology, 2006, 41, 429-435.	3.5	32
85	Dynamic multi-section CT imaging in acute myocardial infarction: preliminary animal experience. European Radiology, 2006, 16, 746-752.	2.3	101
86	Influence of a small field-of-view size on the detection of coronary artery calcifications with MSCT: in vitro and in vivo study. European Radiology, 2006, 16, 358-364.	2.3	13
87	Automated vs. manual assessment of left ventricular function in cardiac multidetector row computed tomography: comparison with magnetic resonance imaging. European Radiology, 2006, 16, 1416-1423.	2.3	65
88	Sixteen-slice spiral CT versus MR imaging for the assessment of left ventricular function in acute myocardial infarction. European Radiology, 2005, 15, 714-720.	2.3	132
89	CT imaging in acute pulmonary embolism: diagnostic strategies. European Radiology, 2005, 15, 919-929.	2.3	40
90	Is there a need for contrast-enhanced T1-weighted MRI of the spine after inconspicuous short T ₂ inversion recovery imaging?. European Radiology, 2005, 15, 1387-1392.	2.3	37

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91	Multislice Spiral Computed Tomography of the Heart: Technique, Current Applications, and Perspective. CardioVascular and Interventional Radiology, 2005, 28, 388-399.	0.9	13
92	Acute Myocardial Infarction: Assessment of Left Ventricular Function with 16-Row Detector Row Spiral CT versus MR Imaging Study in Pigs. Radiology, 2005, 236, 112-117.	3.6	51
93	Flat-panel detector computed tomography for the assessment of coronary artery stents: phantom study in comparison with 16-slice spiral computed tomography. Investigative Radiology, 2005, 40, 8-13.	3.5	19
94	Radiofrequency ablation of renal tumors. European Radiology, 2004, 14, 1449-55.	2.3	57
95	MR-guided radiofrequency ablation of hepatic malignancies at 1.5 T: Initial results. Journal of Magnetic Resonance Imaging, 2004, 19, 342-348.	1.9	62
96	Magnetic Resonance-guided Placement of Aortic Stents Grafts: Feasibility with Real-Time Magnetic Resonance Fluoroscopy. Journal of Vascular and Interventional Radiology, 2004, 15, 189-195.	0.2	37
97	Determination of Cardiac Output With Multislice Spiral Computed Tomography. Investigative Radiology, 2004, 39, 451-454.	3.5	21
98	Coronary Artery Stents in Multislice Computed Tomography. Investigative Radiology, 2004, 39, 27-33.	3.5	113
99	Hemolysis, hemorrhage, headache, and hidden abortion: imaging findings in antiphospholipid syndrome. European Radiology, 2003, 13, L83-L86.	2.3	0
100	Measurement of cardiac output from a test-bolus injection in multislice computed tomography. European Radiology, 2003, 13, 2498-2504.	2.3	69
101	Multislice spiral computed tomography for the detection of coronary stent restenosis and patency. International Journal of Cardiology, 2003, 89, 167-172.	0.8	111
102	A New Algorithm for Metal Artifact Reduction in Computed Tomography. Investigative Radiology, 2003, 38, 769-775.	3.5	209
103	Fully Automatic Segmentation and Evaluation of Lateral Spine Radiographs. Informatik Aktuell, 2003, , 413-417.	0.4	0
104	Segmentation of the lumbar spine with knowledge-based shape models. , 2002, 4684, 1578.		2
105	Variation of the Coronary Calcium Score Depending on Image Reconstruction Interval and Scoring Algorithm. Investigative Radiology, 2002, 37, 496-502.	3.5	51
106	Three-dimensional knowledge-based surface model for segmentation of organic structures. , 2002, , .		1
107	Congenital Pseudarthrosis of the Tibia in Pediatric Patients. American Journal of Roentgenology, 2001, 177, 1025-1029.	1.0	28