

Peter Isfort

List of Publications by Year in descending order

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71
papers

1,009
citations

516561

16
h-index

477173

29
g-index

75
all docs

75
docs citations

75
times ranked

1686
citing authors

#	ARTICLE	IF	CITATIONS
1	Stent Graft Placement by Pseudoaneurysm of the Hepatic Arteries: Efficacy and Patency Rate in Follow-up. CardioVascular and Interventional Radiology, 2022, 45, 21-28.	0.9	12
2	Recurrent Colorectal Liver Metastases in the Liver Remnant After Major Liver Surgeryâ€”IRE as a Salvage Local Treatment When Resection and Thermal Ablation are Unsuited. CardioVascular and Interventional Radiology, 2022, 45, 182-189.	0.9	4
3	The prognostic impact of preoperative body composition in perihilar and intrahepatic cholangiocarcinoma. Hepatology Communications, 2022, 6, 2400-2417.	2.0	6
4	Percutaneous transhepatic biliary drainage (PTBD) in patients with dilated vs. nondilated bile ducts: technical considerations and complications. European Radiology, 2021, 31, 3035-3041.	2.3	21
5	Recanalization and Stenting of the Celiac and the Superior Mesenteric Artery Supported by Use of a Steerable Introducer Sheath: Report on 2 Yearsâ€™ Experience. Vascular and Endovascular Surgery, 2021, 55, 158-163.	0.3	2
6	Endovascular Revascularization with Stent Implantation in Patients with Acute Mesenteric Ischemia due to Acute Arterial Thrombosis: Clinical Outcome and Predictive Factors. CardioVascular and Interventional Radiology, 2021, 44, 1030-1038.	0.9	16
7	Induction of Contralateral Hepatic Hypertrophy by Unilobar Yttrium-90 Transarterial Radioembolization versus Portal Vein Embolization: An Animal Study. Journal of Vascular and Interventional Radiology, 2021, 32, 836-842.e2.	0.2	5
8	Reply to: Letter to the Editor on Endovascular Revascularization with Stent Implantation in Patients with Acute Mesenteric Ischemia Due to Acute Arterial Thrombosis: Clinical Outcome and Predictive Factors. CardioVascular and Interventional Radiology, 2021, 44, 2013-2014.	0.9	0
9	Detectability of Target Lesion During CT-Guided Tumor Ablations: Impact on Ablation Outcome. RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2021, , .	0.7	0
10	How to Support Students in Maximizing their Outcome with Online Cooperation?. Current Directions in Biomedical Engineering, 2021, 7, 260-263.	0.2	0
11	An accelerometer-based guidance device for CT-guided procedures: an improved wireless prototype. Minimally Invasive Therapy and Allied Technologies, 2021, , 1-7.	0.6	0
12	Salvage RFA in patients with intrahepatic recurrence after major hepatic surgery for colorectal cancer liver metastases: mid-term outcome. European Radiology, 2020, 30, 1221-1227.	2.3	8
13	Predictors of Occlusion of Hepatic Blood Vessels after Irreversible Electroporation of Liver Tumors. Journal of Vascular and Interventional Radiology, 2020, 31, 2033-2042.e1.	0.2	6
14	Retrograde Recanalization of the Celiac Artery via the Pancreaticoduodenal Arcade as a Safe and Valid Alternative to Antegrade Access. Vascular and Endovascular Surgery, 2020, 54, 477-481.	0.3	1
15	ALPPS versus two-stage hepatectomy for colorectal liver metastasesâ€”a comparative retrospective cohort study. World Journal of Surgical Oncology, 2020, 18, 140.	0.8	19
16	Primary Tumor Location Is a Prognostic Factor for Intrahepatic Progression-Free Survival in Patients with Colorectal Liver Metastases Undergoing Portal Vein Embolization as Preparation for Major Hepatic Surgery. Cancers, 2020, 12, 1638.	1.7	8
17	Correlation Between Sarcopenia and Growth Rate of the Future Liver Remnant After Portal Vein Embolization in Patients with Colorectal Liver Metastases. CardioVascular and Interventional Radiology, 2020, 43, 875-881.	0.9	13
18	Microwave Ablation in the Proximity of Surgical Clips: Is there a Safety Issue?. CardioVascular and Interventional Radiology, 2020, 43, 918-923.	0.9	3

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19	Low-Dose Chest CT for the Diagnosis of COVID-19. Deutsches Ärzteblatt International, 2020, 117, 389-395.	0.6	32
20	Short-Term Oral Sorafenib for Therapy of Intratumoral Shunts of Hepatocellular Carcinoma to Enable Intraarterial Treatment. CardioVascular and Interventional Radiology, 2019, 42, 1494-1499.	0.9	4
21	EIT monitors valid and robust regional ventilation distribution in pathologic ventilation states in porcine study using differential DualEnergy-CT (i"r)DECT). Scientific Reports, 2019, 9, 9796.	1.6	8
22	Acute complications in both recipients of a kidney allograft pair from the same donor. American Journal of Transplantation, 2019, 19, 3207-3209.	2.6	0
23	Monitoring Liver Function of Patients Undergoing Transarterial Chemoembolization (TACE) by a 13C Breath Test (LiMAx). CardioVascular and Interventional Radiology, 2019, 42, 1702-1708.	0.9	14
24	Toward Transpulmonary Chemoembolization with Degradable Starch Microspheres: Systematic Analysis of Local and Systemic Effects in a Porcine Model. CardioVascular and Interventional Radiology, 2019, 42, 1475-1482.	0.9	1
25	Single-needle electroporation and interstitial electrochemotherapy: in vivo safety and efficacy evaluation of a new system. European Radiology, 2019, 29, 6300-6308.	2.3	5
26	Median Arcuate Ligament Compression in Orthotopic Liver Transplantation: Results from a Single-Center Analysis and a European Survey Study. Journal of Clinical Medicine, 2019, 8, 550.	1.0	15
27	Treatment Strategies for Hepatocellular Carcinoma â€" a Multidisciplinary Approach. International Journal of Molecular Sciences, 2019, 20, 1465.	1.8	158
28	New Large Animal Model for Aortic Aneurysms in the Viscerorenal Segment. Journal of Surgical Research, 2019, 240, 156-164.	0.8	0
29	Does Drug-Eluting Bead TACE Enhance the Local Effect of IRE? Imaging and Histopathological Evaluation in a Porcine Model. CardioVascular and Interventional Radiology, 2019, 42, 880-885.	0.9	7
30	Y90-radioembolization via variant hepatic arteries: Is there a relevant risk for non-target embolization?. World Journal of Radiology, 2019, 11, 102-109.	0.5	2
31	Electromagnetically Navigated In Situ Fenestration of Aortic Stent Grafts: Pilot Animal Study of a Novel Fenestrated EVAR Approach. CardioVascular and Interventional Radiology, 2018, 41, 170-176.	0.9	11
32	Electroporation of the Liver: More Than 2 Concurrently Active, Curved Electrodes Allow New Concepts for Irreversible Electroporation and Electrochemotherapy. Technology in Cancer Research and Treatment, 2018, 17, 153303381880999.	0.8	21
33	Comparison of Chronologic Change in the Size and Contrast-Enhancement of Ablation Zones on CT Images after Irreversible Electroporation and Radiofrequency Ablation. Korean Journal of Radiology, 2018, 19, 560.	1.5	7
34	Development and Evaluation of a Novel Curved Biopsy Device for CT-Guided Biopsy of Lesions Unreachable Using Standard Straight Needle Trajectories. CardioVascular and Interventional Radiology, 2017, 40, 924-929.	0.9	2
35	Safety and Efficacy of Y-90 Radioembolization After Prior Major Hepatic Resection. CardioVascular and Interventional Radiology, 2017, 40, 1206-1212.	0.9	7
36	Preoperative Embolization of the Celiac Axis or Common Hepatic Artery before Distal Pancreatectomy with Resection of the Celiac Axis. Journal of Vascular and Interventional Radiology, 2017, 28, 60-63.	0.2	4

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37	Midterm Safety and Efficacy of Irreversible Electroporation of Malignant Liver Tumors Located Close to Major Portal or Hepatic Veins. <i>Radiology</i> , 2017, 285, 1023-1031.	3.6	73
38	Feasibility of electromagnetically guided transjugular intrahepatic portosystemic shunt procedure. <i>Minimally Invasive Therapy and Allied Technologies</i> , 2017, 26, 15-22.	0.6	2
39	Stentgraft Implantation for the Treatment of Postoperative Hepatic Artery Pseudoaneurysm. <i>CardioVascular and Interventional Radiology</i> , 2016, 39, 575-581.	0.9	30
40	Endovascular placement of an extraluminal arterial bypass graft – in vitro feasibility study. <i>Minimally Invasive Therapy and Allied Technologies</i> , 2016, 25, 323-328.	0.6	0
41	A miniature accelerometer-based guidance device for percutaneous computed tomography-guided punctures. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2015, 10, 629-636.	1.7	1
42	Interactive multi-criteria planning for radiofrequency ablation. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2015, 10, 879-889.	1.7	41
43	Vascular Closure Devices after Endovascular Procedures in Swine: A Reliable Method?. <i>Scientific World Journal, The</i> , 2014, 2014, 1-4.	0.8	1
44	A personalized approach to interventional treatment of tricuspid regurgitation: experiences from an acute animal study. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2014, 19, 414-418.	0.5	10
45	Technical concepts for vascular electromagnetic navigated interventions: Aortic in situ fenestration and transjugular intrahepatic porto-systemic shunts. <i>Biomedizinische Technik</i> , 2014, 59, 153-63.	0.9	7
46	Bipolar Radiofrequency Ablation: Development of a New Expandable Device. <i>CardioVascular and Interventional Radiology</i> , 2014, 37, 770-776.	0.9	2
47	Efficacy of Magnetic Thermoablation Using SPIO in the Treatment of Osteoid Osteoma in a Bovine Model Compared to Radiofrequency and Microwave Ablation. <i>CardioVascular and Interventional Radiology</i> , 2014, 37, 1053-1061.	0.9	2
48	Wireless Blood Pressure Monitoring with a Novel Implantable Device: Long-Term In Vivo Results. <i>CardioVascular and Interventional Radiology</i> , 2014, 37, 1580-1588.	0.9	4
49	High-Pitch Carbon Dioxide Contrast CT Angiography: Pilot Study. <i>CardioVascular and Interventional Radiology</i> , 2014, 37, 362-370.	0.9	4
50	Superselective Particle Embolization Enhances Efficacy of Radiofrequency Ablation: Effects of Particle Size and Sequence of Action. <i>CardioVascular and Interventional Radiology</i> , 2013, 36, 773-782.	0.9	14
51	Carbon Dioxide-Contrasted Computed Tomography Angiography: High Pitch Protocols and Adapted Injection Parameters Improve Imaging Quality. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2013, 185, 128-135.	0.7	2
52	Animal experimental evaluation of a new sealing device for indwelling arterial catheters. <i>Acta Radiologica</i> , 2013, 54, 521-525.	0.5	0
53	Efficacy of Antegrade Pyeloperfusion to Protect the Renal Pelvis in Kidney Microwave Ablation Using an In Vivo Swine Model. <i>Investigative Radiology</i> , 2013, 48, 863-868.	3.5	13
54	Silicon Carbide-Enhanced Microwave Ablation in an Ex-Vivo Bovine Liver Model - Effects on Heat Distribution and Ablation Volume. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2012, 184, 542-547.	0.7	1

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55	CT-based temperature monitoring during hepatic RF ablation: Feasibility in an animal model. <i>International Journal of Hyperthermia</i> , 2012, 28, 55-61.	1.1	38
56	Results from long-term In-vivo Tests of a Wireless, Intravascular Blood-Pressure Monitoring System for Hypertension Patients. <i>Biomedizinische Technik</i> , 2012, 57, .	0.9	0
57	Microwave Ablation Compared with Radiofrequency Ablation for Breast Tissue in an Ex Vivo Bovine Udder Model. <i>CardioVascular and Interventional Radiology</i> , 2012, 35, 914-920.	0.9	15
58	Sharp Recanalization for Chronic Left Iliac Vein Occlusion. <i>CardioVascular and Interventional Radiology</i> , 2012, 35, 938-941.	0.9	10
59	In.nrw Hyther: Electromagnetically navigated in situ fenestration of aortic stent grafts. <i>Biomedizinische Technik</i> , 2012, 57, .	0.9	1
60	CT Fluoroscopyâ€“Guided Placement of Inferior Vena Cava Filters: Feasibility Study in Pigs. <i>Journal of Vascular and Interventional Radiology</i> , 2011, 22, 1531-1534.	0.2	1
61	Stenting of the Superior Vena Cava and Left Brachiocephalic Vein with Preserving the Central Venous Catheter in Situ. <i>Korean Journal of Radiology</i> , 2011, 12, 629.	1.5	8
62	Silicon Carbide as a Heat-enhancing Agent in Microwave Ablation: In Vitro Experiments. <i>CardioVascular and Interventional Radiology</i> , 2011, 34, 833-838.	0.9	5
63	Pull-Through Technique for Recanalization of Occluded Portosystemic Shunts (TIPS): Technical Note and Review of the Literature. <i>CardioVascular and Interventional Radiology</i> , 2011, 34, 406-412.	0.9	20
64	Direct Current Combined With Bipolar Radiofrequency Ablation: An Ex Vivo Feasibility Study. <i>CardioVascular and Interventional Radiology</i> , 2011, 34, 631-636.	0.9	0
65	Volumetric Arterial Enhancement Fraction Predicts Tumor Recurrence After Hepatic Radiofrequency Ablation of Liver Metastases: Initial Results. <i>American Journal of Roentgenology</i> , 2011, 196, W573-W579.	1.0	19
66	Free-hand CT-based electromagnetically guided interventions: Accuracy, efficiency and dose usage. <i>Minimally Invasive Therapy and Allied Technologies</i> , 2011, 20, 226-233.	0.6	29
67	A trucut biopsy needle for bipolar radiofrequency ablation of needle tract: a proof-of-concept experiment. <i>European Radiology</i> , 2010, 20, 2000-2004.	2.3	5
68	Robot arm based flat panel CT-guided electromagnetic tracked spine interventions: phantom and animal model experiments. <i>European Radiology</i> , 2010, 20, 2656-2662.	2.3	25
69	Optimization of Direct Currentâ€“Enhanced Radiofrequency Ablation: An Ex Vivo Study. <i>CardioVascular and Interventional Radiology</i> , 2010, 33, 1028-1032.	0.9	1
70	Multi-slice computed tomography: A tool for non-invasive temperature measurement?. <i>International Journal of Hyperthermia</i> , 2010, 26, 359-365.	1.1	27
71	Cardiac Magnetic Resonance Imaging Study for Quantification of Infarct Size Comparing Directly Serial Versus Single Time-Point Measurements of Cardiac Troponin T. <i>Journal of the American College of Cardiology</i> , 2008, 51, 307-314.	1.2	162