

Jan Hinrichs

List of Publications by Year in descending order

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82
papers

1,455
citations

331538

21
h-index

377752

34
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91
all docs

91
docs citations

91
times ranked

1807
citing authors

#	ARTICLE	IF	CITATIONS
1	The Value of C-Arm Computed Tomography in Addition to Conventional Digital Subtraction Angiography in the Diagnostic Work-up of Patients with Suspected Chronic Thromboembolic Pulmonary Hypertension: An Update of 300 Patients. <i>Academic Radiology</i> , 2022, 29, S1-S10.	1.3	6
2	Low Serum Cholinesterase Identifies Patients With Worse Outcome and Increased Mortality After TIPS. <i>Hepatology Communications</i> , 2022, 6, 621-632.	2.0	2
3	Phantom study for comparison between computed tomography- and C-Arm computed tomography-guided puncture applied by residents in radiology. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2022, 194, 272-280.	0.7	1
4	Quantitative washout in patients with hepatocellular carcinoma undergoing TACE: an imaging biomarker for predicting prognosis?. <i>Cancer Imaging</i> , 2022, 22, 5.	1.2	3
5	Percutaneous Transsplenic Balloon-Assisted Transjugular Intrahepatic Portosystemic Shunt Placement in Patients with Portal Vein Obliteration for Portal Vein Recanalization: Feasibility, Safety and Effectiveness. <i>CardioVascular and Interventional Radiology</i> , 2022, 45, 696-702.	0.9	4
6	Comparative Analysis of Gene Expression in Fibroblastic Foci in Patients with Idiopathic Pulmonary Fibrosis and Pulmonary Sarcoidosis. <i>Cells</i> , 2022, 11, 664.	1.8	12
7	Predictors of response to intra-arterial vasodilatory therapy of non-occlusive mesenteric ischemia in patients with severe shock: results from a prospective observational study. <i>Critical Care</i> , 2022, 26, 92.	2.5	8
8	Percutaneous Hepatic Perfusion (PHP) with Melphalan in Liver-Dominant Metastatic Uveal Melanoma: The German Experience. <i>Cancers</i> , 2022, 14, 118.	1.7	12
9	The impact of the field of view (FOV) on image quality in MDCT angiography of the lower extremities. <i>European Radiology</i> , 2022, 32, 2875-2882.	2.3	2
10	Tantalum-specific contrast-to-noise ratio or conventional detector dose-driven exposure control in angiography: radiation dose and image quality evaluation in a porcine model. <i>European Radiology Experimental</i> , 2022, 6, 24.	1.7	0
11	IMMUTACE: A biomarker-orientated phase II, single-arm, open-label AIO study of transarterial chemoembolization (TACE) in combination with nivolumab performed for intermediate-stage hepatocellular carcinoma (HCC; AIO-HEP-0217)â Updated efficacy results.. <i>Journal of Clinical Oncology</i> , 2022, 40, 4116-4116.	0.8	7
12	CO ₂ -based C-arm computed tomography (CACT) of the pelvic arteries: feasibility and diagnostic performance in comparison to CO ₂ -angiography in patients with peripheral arterial disease. <i>Acta Radiologica</i> , 2021, 62, 1707-1715.	0.5	0
13	Two-dimensional parametric parenchymal blood flow in transarterial chemoembolisation for hepatocellular carcinoma: perfusion change quantification and tumour response prediction at 3 months post-intervention. <i>Clinical Radiology</i> , 2021, 76, 160.e27-160.e33.	0.5	0
14	2D-Perfusion Angiography Using Carbon Dioxide (CO ₂): A Feasible Tool to Monitor Immediate Treatment Response to Endovascular Therapy of Peripheral Arterial Disease?. <i>CardioVascular and Interventional Radiology</i> , 2021, 44, 635-641.	0.9	2
15	Evaluation of a Motion Correction Algorithm for C-Arm Computed Tomography Acquired During Transarterial Chemoembolization. <i>CardioVascular and Interventional Radiology</i> , 2021, 44, 610-618.	0.9	8
16	Cross-institutional standardization of imaging protocols â A pilot study within the scope of the Comprehensive Cancer Center Lower Saxony. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2021, 193, 410-416.	0.7	1
17	Impact of Patient Alignment on Image Quality in C-Arm Computed Tomography â Evaluation Using an ACR Phantom. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2021, 193, 417-426.	0.7	0
18	Impact of unilateral diaphragm elevation on postoperative outcomes in bilateral lung transplantation â a retrospective single-center study. <i>Transplant International</i> , 2021, 34, 474-487.	0.8	8

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19	Evaluation of perfusion changes using a 2D Parametric Parenchymal Blood Flow technique with automated vessel suppression following partial spleen embolization in patients with hypersplenism and portal hypertension. <i>Medicine (United States)</i> , 2021, 100, e24783.	0.4	1
20	Chemosaturation with Percutaneous Hepatic Perfusion: Outcome and Safety in Patients with Metastasized Uveal Melanoma. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2021, 193, 928-936.	0.7	11
21	Motion Reduction for C-Arm Computed Tomography of the Pulmonary Arteries: Image Quality of a Motion Correction Algorithm in Patients with Chronic Thromboembolic Hypertension During Balloon Pulmonary Angioplasty. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2021, 193, 1074-1080.	0.7	2
22	Adrenal venous sampling in primary hyperaldosteronism: correlation of hormone indices and collimated C-arm CT findings. <i>Abdominal Radiology</i> , 2021, 46, 3471-3481.	1.0	7
23	Impact of a contrast-to-noise ratio driven and material specific exposure control on image quality and radiation exposure in angiography. <i>Physics in Medicine and Biology</i> , 2021, 66, 065020.	1.6	4
24	Comparison of the Uptake of Hepatocellular Carcinoma on Pre-Therapeutic MDCT, CACT, and SPECT/CT, and the Correlation with Post-Therapeutic PET/CT in Patients Undergoing Selective Internal Radiation Therapy. <i>Journal of Clinical Medicine</i> , 2021, 10, 3837.	1.0	1
25	Depiction of mosaic perfusion in chronic thromboembolic pulmonary hypertension (CTEPH) on C-arm computed tomography compared to computed tomography pulmonary angiogram (CTPA). <i>Scientific Reports</i> , 2021, 11, 20042.	1.6	0
26	Comparison of a contrast-to-noise ratio driven exposure control and a regular detector dose driven exposure control in abdominal imaging on a clinical angiography system. <i>Medical Physics</i> , 2021, 48, 7641-7656.	1.3	1
27	A Retrospective Analysis of Nonocclusive Mesenteric Ischemia in Medical and Surgical ICU Patients: Clinical Data on Demography, Clinical Signs, and Survival. <i>Journal of Intensive Care Medicine</i> , 2020, 35, 1162-1172.	1.3	28
28	Deep semantic lung segmentation for tracking potential pulmonary perfusion biomarkers in chronic obstructive pulmonary disease (COPD): The multi-ethnic study of atherosclerosis COPD study. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 51, 571-579.	1.9	15
29	Transarterial chemoembolization for hepatocellular carcinoma: quality of life, tumour response, safety and survival comparing two types of drug-eluting beads. <i>Abdominal Radiology</i> , 2020, 45, 3326-3336.	1.0	4
30	Percutaneous isolated hepatic perfusion (chemosaturation) with melphalan following right hemihepatectomy in patients with cholangiocarcinoma and metastatic uveal melanoma: peri- and post-interventional adverse events and therapy response compared to a matched group without prior liver surgery. <i>Clinical and Experimental Metastasis</i> , 2020, 37, 683-692.	1.7	10
31	Extracorporeal portosystemic shunt in secondary Budd-Chiari syndrome. <i>Journal of Hepatology</i> , 2020, 73, 974-976.	1.8	1
32	Lung Involvement in Primary Sjögren's Syndrome – An Under-Diagnosed Entity. <i>Frontiers in Medicine</i> , 2020, 7, 332.	1.2	26
33	Recurrent Life-threatening Pneumonitis in a 37-Year-Old Woman. <i>Chest</i> , 2020, 158, e127-e132.	0.4	0
34	Sequential systemic treatment in patients with hepatocellular carcinoma. <i>Alimentary Pharmacology and Therapeutics</i> , 2020, 52, 205-212.	1.9	17
35	Transjugular intrahepatic portosystemic shunt placement: portal vein puncture guided by 3D/2D image registration of contrast-enhanced multi-detector computed tomography and fluoroscopy. <i>Abdominal Radiology</i> , 2020, 45, 3934-3943.	1.0	11
36	Chemosaturation with percutaneous hepatic perfusion is effective in patients with ocular melanoma and cholangiocarcinoma. <i>Journal of Cancer Research and Clinical Oncology</i> , 2020, 146, 3003-3012.	1.2	18

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37	Non-occlusive mesenteric ischemia (NOMI): evaluation of 2D-perfusion angiography (2D-PA) for early treatment response assessment. <i>Abdominal Radiology</i> , 2020, 45, 3342-3351.	1.0	7
38	Safety and feasibility of transjugular intrahepatic portosystemic shunt in elderly patients with liver cirrhosis and refractory ascites. <i>PLoS ONE</i> , 2020, 15, e0235199.	1.1	7
39	Predicting survival after transarterial chemoembolization for hepatocellular carcinoma using a neural network: A Pilot Study. <i>Liver International</i> , 2020, 40, 694-703.	1.9	32
40	Risk prediction in intrahepatic cholangiocarcinoma: Direct comparison of the MEGNA score and the 8th edition of the UICC/AJCC Cancer staging system. <i>PLoS ONE</i> , 2020, 15, e0228501.	1.1	5
41	Functional Pulmonary Magnetic Resonance Imaging for Detection of Ischemic Injury in a Porcine Ex-Vivo Lung Perfusion System Prior to Transplantation. <i>Academic Radiology</i> , 2019, 26, 170-178.	1.3	6
42	An Imaging Biomarker for Assessing Hepatic Function in Patients With Primary Sclerosing Cholangitis. <i>Clinical Gastroenterology and Hepatology</i> , 2019, 17, 192-199.e3.	2.4	16
43	Chemosaturation Percutaneous Hepatic Perfusion (CS-PHP) with Melphalan: Evaluation of 2D-Perfusion Angiography (2D-PA) for Leakage Detection of the Venous Double-Balloon Catheter. <i>CardioVascular and Interventional Radiology</i> , 2019, 42, 1441-1448.	0.9	9
44	Treatment with metformin is associated with a prolonged survival in patients with hepatocellular carcinoma. <i>Liver International</i> , 2019, 39, 714-726.	1.9	49
45	Evaluation of a newly developed 2D parametric parenchymal blood flow technique with an automated vessel suppression algorithm in patients with chronic thromboembolic pulmonary hypertension undergoing balloon pulmonary angioplasty. <i>Clinical Radiology</i> , 2019, 74, 437-444.	0.5	7
46	Extracorporeal membrane oxygenation and surgical embolectomy for high-risk pulmonary embolism. <i>European Respiratory Journal</i> , 2019, 53, 1801773.	3.1	21
47	C-Arm computed tomography (CACT)-guided balloon pulmonary angioplasty (BPA): Evaluation of patient safety and peri- and post-procedural complications. <i>European Radiology</i> , 2019, 29, 1276-1284.	2.3	22
48	Cardio-pulmonary MRI for detection of treatment response after a single BPA treatment session in CTEPH patients. <i>European Radiology</i> , 2019, 29, 1693-1702.	2.3	27
49	Extent of portal vein tumour thrombosis in patients with hepatocellular carcinoma: The more, the worse?. <i>Liver International</i> , 2019, 39, 324-331.	1.9	55
50	Shear wave elastography prior to transjugular intrahepatic portosystemic shunt may predict the decrease in hepatic vein pressure gradient. <i>Abdominal Radiology</i> , 2019, 44, 1127-1134.	1.0	12
51	Transarterial chemoembolization versus sorafenib in patients with hepatocellular carcinoma and extrahepatic disease. <i>United European Gastroenterology Journal</i> , 2018, 6, 238-246.	1.6	17
52	Parametric response mapping cut-off values that predict survival of hepatocellular carcinoma patients after TACE. <i>Abdominal Radiology</i> , 2018, 43, 3288-3300.	1.0	3
53	Virtual single source CT using dual source acquisition: Clinical applicability in run-off CT-angiography for intra-individual comparison of different scan protocols. <i>European Journal of Radiology</i> , 2018, 101, 149-156.	1.2	1
54	Balloon pulmonary angioplasty for inoperable patients with chronic thromboembolic disease. <i>Pulmonary Circulation</i> , 2018, 8, 1-6.	0.8	54

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55	Transjugular intrahepatic portosystemic shunt (TIPS) dysfunction: quantitative assessment of flow and perfusion changes using 2D-perfusion angiography following shunt revision. <i>Abdominal Radiology</i> , 2018, 43, 2868-2875.	1.0	12
56	Quantification of perfusion reduction by using 2D-perfusion angiography following transarterial chemoembolization with drug-eluting beads. <i>Abdominal Radiology</i> , 2018, 43, 1245-1253.	1.0	12
57	Multiparametric MRI for organ quality assessment in a porcine Ex-Vivo lung perfusion system. <i>PLoS ONE</i> , 2018, 13, e0209103.	1.1	4
58	Chronic thromboembolic pulmonary hypertension (CTEPH): Updated Recommendations from the Cologne Consensus Conference 2018. <i>International Journal of Cardiology</i> , 2018, 272, 69-78.	0.8	140
59	Evaluation of transient respiratory motion artifact at gadoxetate disodium-enhanced MRI—Influence of different contrast agent application protocols. <i>PLoS ONE</i> , 2018, 13, e0200887.	1.1	12
60	Ultra-high resolution C-Arm CT arthrography of the wrist: Radiation dose and image quality compared to conventional multidetector computed tomography. <i>European Journal of Radiology</i> , 2017, 89, 191-199.	1.2	9
61	Health-Related Quality of Life in Patients with Hepatocellular Carcinoma Treated with Initial Transarterial Chemoembolization. <i>CardioVascular and Interventional Radiology</i> , 2017, 40, 1559-1566.	0.9	24
62	Balloon pulmonary angioplasty for inoperable patients with chronic thromboembolic pulmonary hypertension: the initial German experience. <i>European Respiratory Journal</i> , 2017, 49, 1602409.	3.1	178
63	Chronic thromboembolic pulmonary hypertension: Evaluation of 2D-perfusion angiography in patients who undergo balloon pulmonary angioplasty. <i>European Radiology</i> , 2017, 27, 4264-4270.	2.3	24
64	Retrograde portal vein flow and transarterial chemoembolization in patients with hepatocellular carcinoma—a case-control study. <i>Scandinavian Journal of Gastroenterology</i> , 2017, 52, 1398-1406.	0.6	1
65	Coil embolization of reversed-curve hepatointestinal collaterals in radioembolization: potential solutions for a challenging task. <i>Radiology Case Reports</i> , 2017, 12, 529-533.	0.2	6
66	Evaluation of a novel 2D perfusion angiography technique independent of pump injections for assessment of interventional treatment of peripheral vascular disease. <i>International Journal of Cardiovascular Imaging</i> , 2017, 33, 295-301.	0.7	31
67	Experience from a real-life cohort: outcome of 606 patients with hepatocellular carcinoma following transarterial chemoembolization. <i>Scandinavian Journal of Gastroenterology</i> , 2017, 52, 116-124.	0.6	13
68	C-Arm Computed Tomography Adds Diagnostic Information in Patients with Chronic Thromboembolic Pulmonary Hypertension and a Positive V/Q SPECT. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2016, 189, 49-56.	0.7	6
69	Balloon pulmonary angioplasty: applicability of C-Arm CT for procedure guidance. <i>European Radiology</i> , 2016, 26, 4064-4071.	2.3	36
70	Pulmonary Artery Imaging in Patients with Chronic Thromboembolic Pulmonary Hypertension: Comparison of Cone-Beam CT and 64-Row Multidetector CT. <i>Journal of Vascular and Interventional Radiology</i> , 2016, 27, 361-368.e2.	0.2	22
71	MR Imaging—derived Regional Pulmonary Parenchymal Perfusion and Cardiac Function for Monitoring Patients with Chronic Thromboembolic Pulmonary Hypertension before and after Pulmonary Endarterectomy. <i>Radiology</i> , 2016, 279, 925-934.	3.6	54
72	Parametric response mapping of contrast-enhanced biphasic CT for evaluating tumour viability of hepatocellular carcinoma after TACE. <i>European Radiology</i> , 2016, 26, 3447-3455.	2.3	14

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73	Functional gadoxetate disodium-enhanced MRI in patients with primary sclerosing cholangitis (PSC). <i>European Radiology</i> , 2016, 26, 1116-1124.	2.3	25
74	Comparison of C-arm Computed Tomography and Digital Subtraction Angiography in Patients with Chronic Thromboembolic Pulmonary Hypertension. <i>CardioVascular and Interventional Radiology</i> , 2016, 39, 53-63.	0.9	37
75	Chronic Lung Allograft Dysfunction: Oxygen-enhanced T1-Mapping MR Imaging of the Lung. <i>Radiology</i> , 2015, 276, 266-273.	3.6	32
76	Performance of perfusion-weighted Fourier decomposition MRI for detection of chronic pulmonary emboli. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 42, 72-79.	1.9	38
77	Cardiac Mass and Function Decrease in Bronchiolitis Obliterans Syndrome after Lung Transplantation: Relationship to Physical Activity?. <i>PLoS ONE</i> , 2014, 9, e114001.	1.1	1
78	Chronic Thromboembolic Pulmonary Hypertension. <i>Deutsches A&#x0308;rzteblatt International</i> , 2014, 111, 856-62.	0.6	24
79	Extracorporeal Membrane Oxygenation Watershed. <i>Circulation</i> , 2014, 130, 864-865.	1.6	83
80	Phase-contrast MRI for Detection of Mild Systemic Hemodynamic Response after Segmental Allergen Challenge in Asthmatic Patients. <i>Academic Radiology</i> , 2014, 21, 994-1001.	1.3	0
81	The nature of peptides presented by an HLA class I low expression allele. <i>Haematologica</i> , 2010, 95, 1373-1380.	1.7	11
82	Discrimination of HLA null and low expression alleles by cytokine-induced secretion of recombinant soluble HLA. <i>Molecular Immunology</i> , 2009, 46, 1451-1457.	1.0	10