Claus C Pieper

List of Publications by Year
in descending order

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89	1,273	361296	477173
papers	citations	20 h-index	29 g-index

100	100	100	1535
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Lympho-venous anastomosis for the treatment of congenital and acquired lesions of the central lymphatic system: a multidisciplinary treatment approach. European Journal of Plastic Surgery, 2022, 45, 841-849.	0.3	6
2	Magnetic Resonance Imagingâ€“Guided Focused Ultrasound Thalamotomy in Spinocerebellar Ataxia Type 12. Movement Disorders, 2022, 37, 872-873.	2.2	5
3	Peripartum Cardiomyopathy: Diagnostic and Prognostic Value of Cardiac Magnetic Resonance in the Acute Stage. Diagnostics, 2022, 12, 378.	1.3	3
4	Cardiac MRI in Suspected Acute Myocarditis After COVID-19 mRNA Vaccination. RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2022, 194, 1003-1011.	0.7	6
5	Ultrasound-guided needle positioning for nodal dynamic contrast-enhanced MR lymphangiography. Scientific Reports, 2022, 12, 3621.	1.6	7
6	In Vitro Evaluation of Acrylic Adhesives in Lymphatic Fluids-Influence of Glue Type and Procedural Parameters. Biomedicines, 2022, 10, 1195.	1.4	1
7	MR lymphangiography of lymphatic abnormalities in children and adults with Noonan syndrome. Scientific Reports, 2022, 12, .	1.6	8
8	Non-invasive assessment of liver fibrosis in autoimmune hepatitis: Diagnostic value of liver magnetic resonance parametric mapping including extracellular volume fraction. Abdominal Radiology, 2021, 46, 2458-2466.	1.0	11
9	Recurrent Left Cervical Swelling and Chylothorax due to Lymphatic Thrombosis. CardioVascular and Interventional Radiology, 2021, 44, 333-335.	0.9	2
10	Magnetic resonance parametric mapping of the spleen for non-invasive assessment of portal hypertension. European Radiology, 2021, 31, 85-93.	2.3	12
11	Fast 3D Isotropic Proton Density-Weighted Fat-Saturated MRI of the Knee at 1.5 T with Compressed Sensing: Comparison with Conventional Multiplanar 2D Sequences. RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2021, 193, 813-821.	0.7	3
12	Evaluation of malignant effusions using MR-based T1 mapping. Scientific Reports, 2021, 11, 7116.	1.6	2
13	Impact of transjugular intrahepatic portosystemic shunt creation on the central lymphatic system in liver cirrhosis. Scientific Reports, 2021, 11, 7065.	1.6	6
14	Feasibility of CT-derived myocardial strain measurement in patients with advanced cardiac valve disease. Scientific Reports, 2021, 11, 8793.	1.6	11
15	Radiological management of postoperative lymphorrhea. Langenbeck's Archives of Surgery, 2021, 406, 945-969.	0.8	13
16	Unusual Left Periclavicular Cutaneous Lymphatic Fistula After Port Explantation Without Lymph Vessel Injury: Imaging and Interventional Treatment. CardioVascular and Interventional Radiology, 2021, 44, 1279-1281.	0.9	1
17	Diagnostic value of magnetic resonance parametric mapping for non-invasive assessment of liver fibrosis in patients with primary sclerosing cholangitis. BMC Medical Imaging, 2021, 21, 65.	1.4	6
18	Transabdominal Lymphatic Embolization During Extracorporeal Membrane Oxygenation as an Urgent Treatment of Cataclysmic, Uncontrollable Plastic Bronchitis. Journal of Vascular and Interventional Radiology, 2021, 32, 766-768.	0.2	1

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19	Controlled underdilation using novel VIATORRÂ® controlled expansion stents improves survival after transjugular intrahepatic portosystemic shunt implantation. JHEP Reports, 2021, 3, 100264.	2.6	35
20	Synthetic extracellular volume fraction without hematocrit sampling for hepatic applications. Abdominal Radiology, 2021, 46, 4637-4646.	1.0	3
21	1.5 vs 3 Tesla Magnetic Resonance Imaging. Investigative Radiology, 2021, 56, 680-691.	3.5	12
22	Cardiac MRI in Patients with Prolonged Cardiorespiratory Symptoms after Mild to Moderate COVID-19. Radiology, 2021, 301, E419-E425.	3.6	31
23	US-guided high-intensity focused ultrasound (HIFU) of abdominal tumors: outcome, early ablation-related laboratory changes and inflammatory reaction. A single-center experience from Germany. International Journal of Hyperthermia, 2021, 38, 65-74.	1.1	12
24	Efficacy of ultrasound-guided high-intensity focused ultrasound (USgHIFU) for uterine fibroids: an observational single-center study. International Journal of Hyperthermia, 2021, 38, 30-38.	1.1	16
25	Simplified intravoxel incoherent motion diffusion-weighted MRI of liver lesions: feasibility of combined two-colour index maps. European Radiology Experimental, 2021, 5, 33.	1.7	1
26	Multiparametric cardiac magnetic resonance imaging in pediatric and adolescent patients with acute myocarditis. Pediatric Radiology, 2021, 51, 2470-2480.	1.1	10
27	Diagnostic Benefit of MRI for Exclusion of Ligamentous Injury in Patients with Lateral Atlantodental Interval Asymmetry at Initial Trauma CT. Radiology, 2021, 300, 633-640.	3.6	2
28	Cardiac MRI Depicts Immune Checkpoint Inhibitorâ€“induced Myocarditis: A Prospective Study. Radiology, 2021, 301, 602-609.	3.6	22
29	Lesions of the cerebello-thalamic tract rather than the ventral intermediate nucleus determine the outcome of focused ultrasound therapy in essential tremor: A 3T and 7T MRIâ€“study. Parkinsonism and Related Disorders, 2021, 91, 105-108.	1.1	9
30	Free-breathing high resolution modified Dixon steady-state angiography with compressed sensing for the assessment of the thoracic vasculature in pediatric patients with congenital heart disease. Journal of Cardiovascular Magnetic Resonance, 2021, 23, 117.	1.6	4
31	Comparison of different ROI analysis methods for liver lesion characterization with simplified intravoxel incoherent motion (IVIM). Scientific Reports, 2021, 11, 22752.	1.6	3
32	Bleeding management in computed tomography-guided liver biopsies by biopsy tract plugging with gelatin sponge slurry. Scientific Reports, 2021, 11, 24506.	1.6	5
33	Deep Learning-Based Body Composition Analysis Predicts Outcome in Melanoma Patients Treated with Immune Checkpoint Inhibitors. Diagnostics, 2021, 11, 2314.	1.3	13
34	Where Have All the Punctures Gone? An Analysis of Thoracic Duct Embolizations. Journal of Vascular and Interventional Radiology, 2020, 31, 74-79.	0.2	19
35	MRI Assessment of Chylous and Nonchylous Effusions: Use of Multipoint Dixon Fat Quantification. Radiology, 2020, 296, 698-705.	3.6	4
36	Nodal and Pedal MR Lymphangiography of the Central Lymphatic System: Techniques and Applications. Seminars in Interventional Radiology, 2020, 37, 250-262.	0.3	17

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37	Influence of hydration status on cardiovascular magnetic resonance myocardial T1 and T2 relaxation time assessment: an intraindividual study in healthy subjects. Journal of Cardiovascular Magnetic Resonance, 2020, 22, 63.	1.6	14
38	Myocardial Fibrosis and Inflammation in Liver Cirrhosis: MRI Study of the Liver-Heart Axis. Radiology, 2020, 297, 51-61.	3.6	34
39	MRI follow-up after magnetic resonance-guided focused ultrasound for non-invasive thalamotomy: the neuroradiologistâ€™s perspective. Neuroradiology, 2020, 62, 1111-1122.	1.1	21
40	Conventional Lymphangiography (CL) in the Management of Postoperative Lymphatic Leakage (PLL): A Systematic Review. RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2020, 192, 1025-1035.	0.7	26
41	Contrast-enhanced Interstitial Transpedal MR Lymphangiography for Thoracic Chylous Effusions. Radiology, 2020, 295, 458-466.	3.6	30
42	Yttrium-90 radioembolization for hepatocellular carcinoma: Outcome prediction with MRI derived fat-free muscle area. European Journal of Radiology, 2020, 125, 108889.	1.2	24
43	CT fatty muscle fraction as a new parameter for muscle quality assessment predicts outcome in venovenous extracorporeal membrane oxygenation. Scientific Reports, 2020, 10, 22391.	1.6	8
44	Short-Term Measurement Repeatability of a Simplified Intravoxel Incoherent Motion (IVIM) Analysis for Routine Clinical Diffusion-Weighted Imaging in Malignant Liver Lesions and Liver Parenchyma at 1.5â€ŠT. RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2019, 191, 199-208.	0.7	6
45	Fat-free muscle area measured by magnetic resonance imaging predicts overall survival of patients undergoing radioembolization of colorectal cancer liver metastases. European Radiology, 2019, 29, 4709-4717.	2.3	26
46	Is liver lesion characterisation by simplified IVIM DWI also feasible at 3.0ÂT?. European Radiology, 2019, 29, 5889-5900.	2.3	5
47	Back to the Future. Investigative Radiology, 2019, 54, 600-615.	3.5	76
48	Ex Vivo Evaluation of the ArtVentive EOS Occlusion Device for the Management of Biliary Leaks. RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2019, 191, 553-559.	0.7	1
49	InÂVitro Evaluation of the Polymerization Properties of N-Butyl Cyanoacrylate/Iodized Oil Mixtures for Lymphatic Interventions. Journal of Vascular and Interventional Radiology, 2019, 30, 110-117.	0.2	16
50	Accurate IVIM model-based liver lesion characterisation can be achieved with only three b-value DWI. European Radiology, 2018, 28, 4418-4428.	2.3	24
51	Interstitial Transpedal MR-Lymphangiography of Central Lymphatics Using a Standard MR Contrast Agent: Feasibility and Initial Results in Patients with Chylous Effusions. RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2018, 190, 938-945.	0.7	23
52	Percutaneous Treatment Options of Lower Urinary Tract Fistulas and Leakages. RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2018, 190, 692-700.	0.7	2
53	Classification of spondylolytic clefts in patients with spondylolysis or isthmic spondylolisthesis using positional MRI. Acta Radiologica, 2017, 58, 183-189.	0.5	3
54	In Vitro Evaluation of the Occlusive Properties of the ArtVentive Endoluminal Occlusion System Occlusion Device for Transrenal Ureteral Occlusion. Journal of Endourology, 2017, 31, 1084-1089.	1.1	7

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55	Endovascular Management of Malignant Inferior Vena Cava Syndromes. CardioVascular and Interventional Radiology, 2017, 40, 1873-1881.	0.9	10
56	Prospective Evaluation of Passive Expansion of Partially Dilated Transjugular Intrahepatic Portosystemic Shunt Stent Graftsâ€"A Three-Dimensional Sonography Study. Journal of Vascular and Interventional Radiology, 2017, 28, 117-125.	0.2	42
57	Yttrium-90 radioembolization of unresectable hepatocellular carcinoma – a single center experience. OncoTargets and Therapy, 2017, Volume 10, 4773-4785.	1.0	9
58	Intravoxel incoherent motion model–based analysis of diffusion-weighted magnetic resonance imaging with 3 b-values for response assessment in locoregional therapy of hepatocellular carcinoma. OncoTargets and Therapy, 2016, Volume 9, 6425-6433.	1.0	17
59	The value of intravoxel incoherent motion model-based diffusion-weighted imaging for outcome prediction in resin-based radioembolization of breast cancer liver metastases. OncoTargets and Therapy, 2016, Volume 9, 4089-4098.	1.0	10
60	Letter To The Editor. Journal of Vascular and Interventional Radiology, 2016, 27, 1939-1940.	0.2	1
61	Thoracic 99mTc-MAA accumulations due to aberrant arteries originating from the phrenic artery. Revista Espanola De Medicina Nuclear E Imagen Molecular, 2016, 35, 336-338.	0.0	0
62	Evaluation of a Simplified Intravoxel Incoherent Motion (IVIM) Analysis of Diffusion-Weighted Imaging for Prediction of Tumor Size Changes and Imaging Response in Breast Cancer Liver Metastases Undergoing Radioembolization. Medicine (United States), 2016, 95, e3275.	0.4	23
63	Intravoxel Incoherent Motion Diffusion-Weighted MR Imaging for Prediction of Early Arterial Blood Flow Stasis in Radioembolization of Breast Cancer Liver Metastases. Journal of Vascular and Interventional Radiology, 2016, 27, 1320-1328.	0.2	10
64	Yttrium-90 Radioembolization of Advanced, Unresectable Breast Cancer Liver Metastasesâ€"A Single-Center Experience. Journal of Vascular and Interventional Radiology, 2016, 27, 1305-1315.	0.2	42
65	Patient Satisfaction After Femoral Arterial Access Site Closure Using the ExoSealÂ® Vascular Closure Device Compared to Manual Compression: A Prospective Intra-individual Comparative Study. CardioVascular and Interventional Radiology, 2016, 39, 21-27.	0.9	8
66	Transarterial Alcohol-Lipiodol Therapy in Patients withÂHepatocellular Carcinoma Using Low Alcohol Concentrations. RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2016, 188, 676-683.	0.7	0
67	Incidence and risk factors of early arterial blood flow stasis during first radioembolization of primary and secondary liver malignancy using resin microspheres: an initial single-center analysis. European Radiology, 2016, 26, 2779-2789.	2.3	18
68	Evaluation of the delivered activity of yttrium-90 resin microspheres using sterile water and 5Â% glucose during administration. EJNMMI Research, 2015, 5, 54.	1.1	29
69	Successful Minimally Invasive Treatment of Intractable, Postoperative Chylous Ascites Via Percutaneous Lymph Vessel Embolization. CardioVascular and Interventional Radiology, 2015, 38, 1050-1054.	0.9	7
70	Postinterventional Passive Expansion of Partially Dilated Transjugular Intrahepatic Portosystemic Shunt Stents. Journal of Vascular and Interventional Radiology, 2015, 26, 388-394.	0.2	42
71	Percutaneous CT-Guided Radiofrequency Ablation of Solitary Small Renal Masses: A Single Center Experience. RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2015, 187, 577-583.	0.7	6
72	Lymphatic Interventions for Treatment of Chylothorax. RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2015, 187, 584-588.	0.7	32

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73	Venous Obstruction in Asymptomatic Patients Undergoing First Implantation or Revision of a Cardiac Pacemaker or Implantable Cardioverter-Defibrillator: A Retrospective Single Center Analysis. RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2015, 187, 1029-1035.	0.7	16
74	Direct Cervical Puncture for Retrograde Thoracic Duct Embolization in a Postoperative Cervical Lymphatic Fistula. Journal of Vascular and Interventional Radiology, 2015, 26, 1405-1408.	0.2	20
75	Early post-treatment FDG PET predicts survival after 90Y microsphere radioembolization in liver-dominant metastatic colorectal cancer. European Journal of Nuclear Medicine and Molecular Imaging, 2015, 42, 370-376.	3.3	52
76	Temporary Arterial Embolization of Liver Parenchyma with Degradable Starch Microspheres (EmboCeptÂ®S) in a Swine Model. CardioVascular and Interventional Radiology, 2015, 38, 435-441.	0.9	36
77	â€œAnatomy and Imagingâ€• 10 Years of Experience with an Interdisciplinary Teaching Project in Preclinical Medical Education â€“ From an Elective to a Curricular Course. RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2014, 186, 458-465.	0.7	16
78	Endovascular Repair of an Ductus Arteriosus Aneurysm Causing Ortner Syndrome. Vascular and Endovascular Surgery, 2014, 48, 271-274.	0.3	3
79	Radiographic evaluation of ventral instability in lumbar spondylolisthesis: do we need extension radiographs in routine exams?. European Spine Journal, 2014, 23, 96-101.	1.0	24
80	Transrenal Ureteral Occlusion Using the Amplatzer Vascular Plug II: A New Interventional Treatment Option for Lower Urinary Tract Fistulas. CardioVascular and Interventional Radiology, 2014, 37, 451-457.	0.9	21
81	Feasibility of temporary protective embolization of normal liver tissue using degradable starch microspheres during radioembolization of liver tumours. European Journal of Nuclear Medicine and Molecular Imaging, 2014, 41, 231-237.	3.3	22
82	Feasibility of Vascular Access Closure in Arteries Other Than the Common Femoral Artery Using the ExoSeal Vascular Closure Device. CardioVascular and Interventional Radiology, 2014, 37, 1352-1357.	0.9	14
83	Efficacy and Time-To-Hemostasis of Antegrade Femoral Access Closure Using the ExoSeal Vascular Closure Device: A Retrospective Single-Center Study. European Journal of Vascular and Endovascular Surgery, 2014, 48, 585-591.	0.8	17
84	In Vitro Evaluation of the Occlusive Properties of Latex-Covered Amplatzer Vascular Plugs for Transrenal Ureteral Occlusion. Journal of Endourology, 2014, 28, 708-716.	1.1	4
85	Radioembolization With 90Y Resin Microspheres for HCC Patients With Extensive Tumor Thrombosis Into the Extrahepatic Vessels. Clinical Nuclear Medicine, 2014, 39, 305-307.	0.7	0
86	Interventional Exclusion of Iliac Artery Aneurysms Using the Flow-Diverting Multilayer Stent. CardioVascular and Interventional Radiology, 2013, 36, 917-925.	0.9	10
87	Changes of Pituitary Gland Volume in Kennedy Disease. American Journal of Neuroradiology, 2013, 34, 2294-2297.	1.2	4
88	Structural changes of central white matter tracts in Kennedy's disease - a diffusion tensor imaging and voxel-based morphometry study. Acta Neurologica Scandinavica, 2013, 127, 323-328.	1.0	20
89	Using the Multilayer Stent as a Supplement to EVAR in Combined Abdominal Aortic Aneurysm and Iliac Artery Aneurysm With Inadequate Distal Landing Zoneâ€”A Case Report. Vascular and Endovascular Surgery, 2012, 46, 565-569.	0.3	5