

Lukas Philipp Beyer

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

75
papers

844
citations

17
h-index

24
g-index

81
ext. papers

1,097
ext. citations

2.9
avg, IF

4.26
L-index

#	Paper	IF	Citations
75	Electrochemotherapy as a New Modality in Interventional Oncology: A Review. <i>Technology in Cancer Research and Treatment</i> , 2018 , 17, 1533033818785329	2.7	67
74	Factors associated with short-term local recurrence of liver cancer after percutaneous ablation using irreversible electroporation: a prospective single-center study. <i>Journal of Vascular and Interventional Radiology</i> , 2015 , 26, 694-702	2.4	51
73	Percutaneous Ablation of Hepatic Tumors Using Irreversible Electroporation: A Prospective Safety and Midterm Efficacy Study in 34 Patients. <i>Journal of Vascular and Interventional Radiology</i> , 2016 , 27, 480-6	2.4	44
72	Percutaneous Irreversible Electroporation: Long-term survival analysis of 71 patients with inoperable malignant hepatic tumors. <i>Scientific Reports</i> , 2017 , 7, 43687	4.9	41
71	Bile Duct Injury after Irreversible Electroporation of Hepatic Malignancies: Evaluation of MR Imaging Findings and Laboratory Values. <i>Journal of Vascular and Interventional Radiology</i> , 2016 , 27, 96-103	2.4	33
70	Adverse effects of irreversible electroporation of malignant liver tumors under CT fluoroscopic guidance: a single-center experience. <i>Diagnostic and Interventional Radiology</i> , 2015 , 21, 471-5	3.2	32
69	Impact of Different Embolic Agents for Transarterial Chemoembolization (TACE) Procedures on Systemic Vascular Endothelial Growth Factor (VEGF) Levels. <i>Journal of Clinical and Translational Hepatology</i> , 2016 , 4, 288-292	5.2	31
68	Characterization of Focal Liver Lesions using CEUS and MRI with Liver-Specific Contrast Media: Experience of a Single Radiologic Center. <i>Ultraschall in Der Medizin</i> , 2017 , 38, 619-625	3.8	29
67	Quantitative perfusion analysis of hepatocellular carcinoma using dynamic contrast enhanced ultrasound (CEUS) to determine tumor microvascularization. <i>Clinical Hemorheology and Microcirculation</i> , 2019 , 73, 95-104	2.5	24
66	Percutaneous Treatment of Malignant Liver Lesions: Evaluation of Success Using Contrast-Enhanced Ultrasound (CEUS) and Perfusion Software. <i>Ultraschall in Der Medizin</i> , 2018 , 39, 440-447	3.8	23
65	Irreversible Electroporation of Malignant Hepatic Tumors--Alterations in Venous Structures at Subacute Follow-Up and Evolution at Mid-Term Follow-Up. <i>PLoS ONE</i> , 2015 , 10, e0135773	3.7	21
64	Robot-assisted microwave thermoablation of liver tumors: a single-center experience. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2016 , 11, 253-9	3.9	20
63	Evaluation of a robotic system for irreversible electroporation (IRE) of malignant liver tumors: initial results. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2017 , 12, 803-809	3.9	19
62	Similar complication rates for irreversible electroporation and thermal ablation in patients with hepatocellular tumors. <i>Radiology and Oncology</i> , 2019 , 53, 116-122	3.8	19
61	Stereotactically-navigated percutaneous Irreversible Electroporation (IRE) compared to conventional IRE: a prospective trial. <i>PeerJ</i> , 2016 , 4, e2277	3.1	19
60	Color coded perfusion analysis and microcirculation imaging with contrast enhanced ultrasound (CEUS) for post-interventional success control following thermal ablative techniques of primary and secondary liver malignancies. <i>Clinical Hemorheology and Microcirculation</i> , 2019 , 73, 73-83	2.5	18
59	Transarterial chemoembolization (TACE) with degradable starch microspheres (DSM) in hepatocellular carcinoma (HCC): multi-center results on safety and efficacy. <i>Oncotarget</i> , 2017 , 8, 72613-72620	2.3	18

58	Evaluation of integrated color-coded perfusion analysis for contrast-enhanced ultrasound (CEUS) after percutaneous interventions for malignant liver lesions: First results. <i>Clinical Hemorheology and Microcirculation</i> , 2018 , 69, 59-67	2.5	17
57	Irreversible electroporation ablation of malignant hepatic tumors: subacute and follow-up CT appearance of ablation zones. <i>Journal of Vascular and Interventional Radiology</i> , 2014 , 25, 1589-94	2.4	16
56	Microwave ablation of large HCC lesions: Added value of CEUS examinations for ablation success control. <i>Clinical Hemorheology and Microcirculation</i> , 2016 , 64, 483-490	2.5	14
55	Long-term survival after percutaneous irreversible electroporation of inoperable colorectal liver metastases. <i>Cancer Management and Research</i> , 2019 , 11, 317-322	3.6	13
54	Stereotactically navigated percutaneous microwave ablation (MWA) compared to conventional MWA: a matched pair analysis. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2018 , 13, 1991-1997	3.9	12
53	Chronic liver disease: Quantitative MRI vs CEUS-based microperfusion. <i>Clinical Hemorheology and Microcirculation</i> , 2016 , 64, 435-446	2.5	12
52	Percutaneous irreversible electroporation (IRE) of prostate cancer: Contrast-enhanced ultrasound (CEUS) findings. <i>Clinical Hemorheology and Microcirculation</i> , 2015 , 61, 135-41	2.5	12
51	Intraoperative Shear Wave Elastography vs. Contrast-Enhanced Ultrasound for the Characterization and Differentiation of Focal Liver Lesions to Optimize Liver Tumor Surgery. <i>Ultraschall in Der Medizin</i> , 2019 , 40, 205-211	3.8	12
50	Efficiency of contrast enhanced ultrasound for immediate assessment of ablation status after intraoperative radiofrequency ablation of hepatic malignancies. <i>Clinical Hemorheology and Microcirculation</i> , 2017 , 66, 357-368	2.5	11
49	Percutaneous irreversible electroporation (IRE) of prostate cancer: Contrast-enhanced ultrasound (CEUS) findings during follow-up. <i>Clinical Hemorheology and Microcirculation</i> , 2016 , 64, 501-506	2.5	10
48	Intrasurgical dignity assessment of hepatic tumors using semi-quantitative strain elastography and contrast-enhanced ultrasound for optimisation of liver tumor surgery. <i>Clinical Hemorheology and Microcirculation</i> , 2016 , 64, 735-745	2.5	10
47	Comparison of computed tomography (CT) and contrast-enhanced ultrasound (CEUS) for the quantitative evaluation of an ablation defect following radiofrequency ablation of malignant liver lesions. <i>Clinical Hemorheology and Microcirculation</i> , 2017 , 67, 445-451	2.5	10
46	Color coded perfusion imaging with contrast enhanced ultrasound (CEUS) for post-interventional success control following trans-arterial chemoembolization (TACE) of hepatocellular carcinoma. <i>PLoS ONE</i> , 2019 , 14, e0217599	3.7	9
45	Safety and efficacy of transarterial chemoembolization with degradable starch microspheres (DSM-TACE) in the treatment of secondary liver malignancies. <i>OncoTargets and Therapy</i> , 2018 , 11, 345-350	4.4	9
44	Planning and guidance: New tools to enhance the human skills in interventional oncology. <i>Diagnostic and Interventional Imaging</i> , 2017 , 98, 583-588	5.4	9
43	Superior vena cava syndrome. <i>Vasa - European Journal of Vascular Medicine</i> , 2020 , 49, 437-448	1.9	9
42	Detecting liver fibrosis with Gd-EOB-DTPA-enhanced MRI: A confirmatory study. <i>Scientific Reports</i> , 2018 , 8, 6207	4.9	8
41	Navigation Systems for Treatment Planning and Execution of Percutaneous Irreversible Electroporation. <i>Technology in Cancer Research and Treatment</i> , 2018 , 17, 1533033818791792	2.7	8

40	Continuous dynamic registration of microvascularization of liver tumors with contrast-enhanced ultrasound. <i>Radiology Research and Practice</i> , 2014 , 2014, 347416	2.3	8
39	Safety margin assessment after microwave ablation of liver tumors: inter- and intrareader variability. <i>Radiology and Oncology</i> , 2020 , 54, 57-61	3.8	8
38	Radiotherapy of epicondylitis humeri : Analysis of 138 elbows treated with a linear accelerator. <i>Strahlentherapie Und Onkologie</i> , 2019 , 195, 343-351	4.3	8
37	Is low dose radiotherapy an effective treatment for Baker's cyst?. <i>Strahlentherapie Und Onkologie</i> , 2019 , 195, 69-76	4.3	8
36	Hepatobiliary MRI: Signal intensity based assessment of liver function correlated to C-Methacetin breath test. <i>Scientific Reports</i> , 2018 , 8, 9078	4.9	7
35	Color Coded Perfusion Imaging with Contrast Enhanced Ultrasound (CEUS) for Post-Interventional Success Control Following Irreversible Electroporation (IRE) of Primary and Secondary Malignant Liver Lesions. <i>Journal of Gastrointestinal and Liver Diseases</i> , 2019 , 28, 311-318	1.4	7
34	Contrast-enhanced ultrasound (CEUS) in an interdisciplinary intensive care unit (ICU): Diagnostic efficacy in the assessment of post-operative complications compared to contrast-enhanced computed tomography (CECT): First results. <i>Clinical Hemorheology and Microcirculation</i> , 2017 , 66, 277-282	2.5	5
33	Percutaneous treatment of symptomatic superior mesenteric vein stenosis using self-expanding nitinol stents. <i>European Journal of Radiology</i> , 2015 , 84, 1964-9	4.7	5
32	Primary efficacy of percutaneous microwave ablation of malignant liver tumors: comparison of stereotactic and conventional manual guidance. <i>Scientific Reports</i> , 2020 , 10, 18835	4.9	5
31	Effect of irreversible electroporation of prostate cancer on microcirculation: Imaging findings in contrast-enhanced T1-weighted 3D MRI. <i>Clinical Hemorheology and Microcirculation</i> , 2017 , 67, 399-405	2.5	5
30	The Influence of Preoperative Aneurysmal Thrombus Quantity and Distribution on the Development of Type II Endoleaks with Aneurysm Sac Enlargement After EVAR of AAA. <i>CardioVascular and Interventional Radiology</i> , 2016 , 39, 1099-109	2.7	5
29	Quantitative evaluation of real-time maximum liver capacity (LiMAx) and time intensity curve (TIC) analysis in CEUS-based microperfusion. <i>Clinical Hemorheology and Microcirculation</i> , 2017 , 67, 373-382	2.5	5
28	Chronic liver disease: Correlation of CEUS-based microperfusion and indocyanine green clearance. <i>Clinical Hemorheology and Microcirculation</i> , 2015 , 61, 195-204	2.5	5
27	A 3D Deep Neural Network for Liver Volumetry in 3T Contrast-Enhanced MRI. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2021 , 193, 305-314	2.3	5
26	Low Tube Voltage Liver MDCT with Sinogram-Affirmed Iterative Reconstructions for the Detection of Hepatocellular Carcinoma. <i>Scientific Reports</i> , 2017 , 7, 9460	4.9	4
25	Improvement of the primary efficacy of microwave ablation of malignant liver tumors by using a robotic navigation system. <i>Radiology and Oncology</i> , 2020 , 54, 295-300	3.8	4
24	Contrast enhanced ultrasound (CEUS) with parametric imaging and time intensity curve analysis (TIC) for evaluation of the success of prostate arterial embolization (PAE) in cases of prostate hyperplasia. <i>Clinical Hemorheology and Microcirculation</i> , 2020 , 76, 143-153	2.5	4
23	Percutaneous irreversible electroporation of hepatocellular carcinoma: Contrast-enhanced ultrasound-findings during 1-year follow-up. <i>Clinical Hemorheology and Microcirculation</i> , 2019 , 72, 85-93	2.5	4

22	Structured Reporting of Solid and Cystic Pancreatic Lesions in CT and MRI: Consensus-Based Structured Report Templates of the German Society of Radiology (DRG). <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2020 , 192, 641-656	2.3	3
21	Der Tennisellenbogen. <i>Manuelle Medizin</i> , 2018 , 56, 133-146	0.2	3
20	Evaluation of a Robotic Assistance-System For Percutaneous Computed Tomography-Guided (CT-Guided) Facet Joint Injection: A Phantom Study. <i>Medical Science Monitor</i> , 2016 , 22, 3334-9	3.2	3
19	Image Quality and Dose Reduction by Dual Source Computed Tomography Coronary Angiography: Protocol Comparison. <i>Dose-Response</i> , 2018 , 16, 1559325818805838	2.3	3
18	Presentation of Original Research at the European Congress of Radiology 2010: Frequency of Publication in Medline-Indexed Journals Within 5 Years After Presentation. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2018 , 190, 327-333	2.3	2
17	Transarterial coil embolization of a symptomatic posttraumatic plantar pseudoaneurysm. <i>Case Reports in Radiology</i> , 2015 , 2015, 453657	0.6	2
16	Aggregated time intensity curves after transarterial chemoembolization with degradable starch microspheres: a feasibility study. <i>Clinical Hemorheology and Microcirculation</i> , 2013 , 55, 417-21	2.5	2
15	Re-irradiation for humeral epicondylitis : Retrospective analysis of 99 elbows. <i>Strahlentherapie Und Onkologie</i> , 2020 , 196, 262-269	4.3	2
14	Retrospective Study for Validation and Improvement of Numerical Treatment Planning of Irreversible Electroporation Ablation for Treatment of Liver Tumors. <i>IEEE Transactions on Biomedical Engineering</i> , 2021 , 68, 3513-3524	5	2
13	Preoperative computed tomography angiography (CTA) of the body in vascular patients: prevalence and significance of unsuspected extravascular findings. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2019 , 191, 716-724	2.3	1
12	Full-Core Biopsy Systems Take Larger Liver Tissue Samples with Lower Fragmentation Rates Than Conventional Side-Notch Systems: A Randomized Trial. <i>Cancer Management and Research</i> , 2020 , 12, 1121-1128	3.6	1
11	Treatment Planning, Needle Insertion, Image Guidance, and Endpoint Assessment 2018 , 115-120		1
10	Reduced microperfusion due to portal vein thrombosis: Impact on the outcome of percutaneous thermal tumor ablation. <i>Clinical Hemorheology and Microcirculation</i> , 2017 , 67, 383-388	2.5	1
9	Minimally invasive accessory splenectomy for recurrent gastric variceal bleeding due to left-sided portal hypertension: report of the first case. <i>Journal of Surgical Case Reports</i> , 2021 , 2021, rjab008	0.6	1
8	¹⁸ F-FDG PET/MRI compared with clinical and serological markers for monitoring disease activity in patients with aortitis and chronic periaortitis. <i>Clinical and Experimental Rheumatology</i> , 2020 , 38 Suppl 124, 99-106	2.2	1
7	Evaluation of Alterations to Bile Ducts and Laboratory Values During the First 3 Months After Irreversible Electroporation of Malignant Hepatic Tumors. <i>Cancer Management and Research</i> , 2020 , 12, 8425-8433	3.6	0
6	Inferior vena cava-syndrome. <i>Vasa - European Journal of Vascular Medicine</i> , 2021 , 50, 250-264	1.9	0
5	Changes in gadoteric-acid-enhanced MR imaging during the first year after irreversible electroporation of malignant hepatic tumors. <i>PLoS ONE</i> , 2020 , 15, e0242093	3.7	

4 Ablation of Hepatocellular Carcinoma **2020**, 673-678

3 Embolization Therapy for Liver Cancer **2020**, 667-672

2 Signal intensity in the dentate nucleus after cumulative dose of Gd-EOB-DTPA: First results of a prospective longitudinal study. *Clinical Hemorheology and Microcirculation*, **2020**, 76, 233-240 2.5

1 Incidence and evolution of venous thrombosis during the first 3 months after irreversible electroporation of malignant hepatic tumours. *Scientific Reports*, **2019**, 9, 19876 4.9