

Lukas Philipp Beyer

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/3592124/lukas-philipp-beyer-publications-by-year.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	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
74	Inferior vena cava-syndrome. <i>Vasa - European Journal of Vascular Medicine</i> , 2021 , 50, 250-264	1.9	0
73	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
72	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
71	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
70	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
69	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 ¹	3.6	11
68	Changes in gadoxetic-acid-enhanced MR imaging during the first year after irreversible electroporation of malignant hepatic tumors. <i>PLoS ONE</i> , 2020 , 15, e0242093	3.7	
67	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
66	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
65	Ablation of Hepatocellular Carcinoma 2020 , 673-678		
64	Embolization Therapy for Liver Cancer 2020 , 667-672		
63	Superior vena cava syndrome. <i>Vasa - European Journal of Vascular Medicine</i> , 2020 , 49, 437-448	1.9	9
62	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
61	Signal intensity in the dentate nucleus after cumulative dose of Gd-EOB-DTPA: First results of a prospective longitudinal study. <i>Clinical Hemorheology and Microcirculation</i> , 2020 , 76, 233-240	2.5	
60	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
59	Re-irradiation for humeral epicondylitis : Retrospective analysis of 99 elbows. <i>Strahlentherapie Und Onkologie</i> , 2020 , 196, 262-269	4.3	2

58	18F-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
57	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
56	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
55	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
54	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
53	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
52	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
51	Incidence and evolution of venous thrombosis during the first 3 months after irreversible electroporation of malignant hepatic tumours. <i>Scientific Reports</i> , 2019 , 9, 19876	4.9	
50	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
49	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
48	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
47	Is low dose radiotherapy an effective treatment for Baker's cyst?. <i>Strahlentherapie Und Onkologie</i> , 2019 , 195, 69-76	4.3	8
46	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
45	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
44	Detecting liver fibrosis with Gd-EOB-DTPA-enhanced MRI: A confirmatory study. <i>Scientific Reports</i> , 2018 , 8, 6207	4.9	8
43	Der Tennisellenbogen. <i>Manuelle Medizin</i> , 2018 , 56, 133-146	0.2	3
42	Treatment Planning, Needle Insertion, Image Guidance, and Endpoint Assessment 2018 , 115-120		1
41	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

40	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
39	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
38	Electrochemotherapy as a New Modality in Interventional Oncology: A Review. <i>Technology in Cancer Research and Treatment</i> , 2018 , 17, 1533033818785329	2.7	67
37	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
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	Image Quality and Dose Reduction by Dual Source Computed Tomography Coronary Angiography: Protocol Comparison. <i>Dose-Response</i> , 2018 , 16, 1559325818805838	2.3	3
34	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
33	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
32	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
31	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
30	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
29	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
28	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	3.3	18
27	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
26	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
25	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
24	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
23	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

22	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
21	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
20	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
19	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
18	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
17	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
16	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
15	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
14	Chronic liver disease: Quantitative MRI vs CEUS-based microperfusion. <i>Clinical Hemorheology and Microcirculation</i> , 2016 , 64, 435-446	2.5	12
13	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
12	Stereotactically-navigated percutaneous Irreversible Electroporation (IRE) compared to conventional IRE: a prospective trial. <i>PeerJ</i> , 2016 , 4, e2277	3.1	19
11	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
10	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
9	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
8	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
7	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
6	Transarterial coil embolization of a symptomatic posttraumatic plantar pseudoaneurysm. <i>Case Reports in Radiology</i> , 2015 , 2015, 453657	0.6	2
5	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

4	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
3	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
2	Continuous dynamic registration of microvascularization of liver tumors with contrast-enhanced ultrasound. <i>Radiology Research and Practice</i> , 2014 , 2014, 347416	2.3	8
1	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