

# Christian Furth

## List of Publications by Year in descending order

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Version: 2024-02-01

65  
papers

1,625  
citations

394421

19  
h-index

302126

39  
g-index

66  
all docs

66  
docs citations

66  
times ranked

1946  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pindborg Tumor – An Uncommon Odontogenic Tumor Detected by 68Ga-DOTATOC. <i>Diagnostics</i> , 2022, 12, 389.	2.6	1
2	Correlation Between Quantitative PSMA PET Parameters and Clinical Risk Factors in Non-Metastatic Primary Prostate Cancer Patients. <i>Frontiers in Oncology</i> , 2022, 12, 879089.	2.8	2
3	A convolutional neural network for fully automated blood SUV determination to facilitate SUR computation in oncological FDG-PET. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 995-1004.	6.4	6
4	The Prognostic Value of the De Ritis Ratio for Progression-Free Survival in Patients with NET Undergoing [177Lu]Lu-DOTATOC-PRRT: A Retrospective Analysis. <i>Cancers</i> , 2021, 13, 635.	3.7	10
5	Comparison of diagnostic value of 68Ga-DOTATOC PET/MRI and standalone MRI for the detection of intracranial meningiomas. <i>Scientific Reports</i> , 2021, 11, 9064.	3.3	10
6	Respiratory motion correction for enhanced quantification of hepatic lesions in simultaneous PET and DCE-MR imaging. <i>Physics in Medicine and Biology</i> , 2021, 66, 095012.	3.0	8
7	Granulomatous large vessel phlebitis in sarcoidosis. <i>Rheumatology</i> , 2021, 60, e432-e434.	1.9	0
8	Value of PET imaging for radiation therapy. <i>Nuklearmedizin - Nuclear Medicine</i> , 2021, 60, 326-343.	0.7	2
9	FDG-PET/CT for pretherapeutic lymph node staging in non-small cell lung cancer: A tailored approach to the ESTS/ESMO guideline workflow. <i>Lung Cancer</i> , 2021, 157, 66-74.	2.0	6
10	Value of PET imaging for radiation therapy. <i>Strahlentherapie Und Onkologie</i> , 2021, 197, 1-23.	2.0	16
11	Selective Internal Radiation Therapy in Breast Cancer Liver Metastases: Outcome Assessment Applying a Prognostic Score. <i>Cancers</i> , 2021, 13, 3777.	3.7	5
12	68Ga-DOTATOC-PET/MRI – A Secure One-Stop Shop Imaging Tool for Robotic Radiosurgery Treatment Planning in Patients with Optic Nerve Sheath Meningioma. <i>Cancers</i> , 2021, 13, 3305.	3.7	5
13	Added Value of Tomoelastography for Characterization of Pancreatic Neuroendocrine Tumor Aggressiveness Based on Stiffness. <i>Cancers</i> , 2021, 13, 5185.	3.7	8
14	First Report of Glioblastoma and Associated PNKP Mutation. <i>Neuropediatrics</i> , 2021, 52, .	0.6	0
15	Validation of Independent Prognostic Value of Asphericity of 18F-Fluorodeoxyglucose Uptake in Non-Small-Cell Lung Cancer Patients Undergoing Treatment With Curative Intent. <i>Clinical Lung Cancer</i> , 2020, 21, 264-272.e6.	2.6	3
16	Asphericity of Somatostatin Receptor Expression in Neuroendocrine Tumors: An Innovative Predictor of Outcome in Everolimus Treatment?. <i>Diagnostics</i> , 2020, 10, 732.	2.6	7
17	68Ga-PSMA-PET/CT-based radiosurgery and stereotactic body radiotherapy for oligometastatic prostate cancer. <i>PLoS ONE</i> , 2020, 15, e0240892.	2.5	18
18	Shortened Tracer Uptake Time in GA-68-DOTATOC-PET of Meningiomas Does Not Impair Diagnostic Accuracy and PET Volume Definition. <i>Diagnostics</i> , 2020, 10, 1084.	2.6	3

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19	Reconstructed spatial resolution and contrast recovery with Bayesian penalized likelihood reconstruction (Q.Clear) for FDG-PET compared to time-of-flight (TOF) with point spread function (PSF). EJNMMI Physics, 2020, 7, 2.	2.7	39
20	PET measured hypoxia and MRI parameters in re-irradiated head and neck squamous cell carcinomas: findings of a prospective pilot study. F1000Research, 2020, 9, 1350.	1.6	3
21	Asphericity of tumor FDG uptake in non-small cell lung cancer: reproducibility and implications for harmonization in multicenter studies. EJNMMI Research, 2020, 10, 134.	2.5	2
22	Title is missing!. , 2020, 15, e0240892.		0
23	Title is missing!. , 2020, 15, e0240892.		0
24	Title is missing!. , 2020, 15, e0240892.		0
25	Title is missing!. , 2020, 15, e0240892.		0
26	Iterative CT reconstruction in abdominal low-dose CT used for hybrid SPECT-CT applications: effect on image quality, image noise, detectability, and reader's confidence. Acta Radiologica Open, 2019, 8, 205846011985626.	0.6	10
27	The association of intra-therapeutic heterogeneity of somatostatin receptor expression with morphological treatment response in patients undergoing PRRT with [177Lu]-DOTATATE. PLoS ONE, 2019, 14, e0216781.	2.5	14
28	Prostate-Specific Membrane Antigen-Positive Manifestations of Chronic Beryllium Lung Disease. Clinical Nuclear Medicine, 2019, 44, 64-65.	1.3	3
29	Point Spread Function Reconstruction for Integrated 18F-FET PET/MRI in Patients With Glioma. Clinical Nuclear Medicine, 2019, 44, e280-e285.	1.3	5
30	Impact of 68Ga-DOTATOC PET/MRI on robotic radiosurgery treatment planning in meningioma patients: first experiences in a single institution. Neurosurgical Focus, 2019, 46, E9.	2.3	23
31	Increased evidence for the prognostic value of FDG uptake on late-treatment PET in non-tumour-affected oesophagus in irradiated patients with oesophageal carcinoma. European Journal of Nuclear Medicine and Molecular Imaging, 2018, 45, 1752-1761.	6.4	8
32	I-123-MIBG scintigraphy in patients with neuroblastoma. Nuklearmedizin - NuclearMedicine, 2018, 57, 35-39.	0.7	2
33	Image Quality Assessment for Low-Dose-CT in Hybrid SPECT/CT Imaging. Nuklearmedizin - NuclearMedicine, 2018, 57, 153-159.	0.7	6
34	Local ablative treatment for synchronous single organ oligometastatic lung cancer: A propensity score analysis of 180 patients. Lung Cancer, 2018, 125, 164-173.	2.0	27
35	Ga-68-PSMA PET/CT in treatment-naïve patients with prostate cancer: Which clinical parameters and risk stratification systems best predict PSMA-positive metastases?. Prostate, 2018, 78, 1103-1110.	2.3	15
36	68 Ga-PSMA-PET/CT for the evaluation of pulmonary metastases and opacities in patients with prostate cancer. Cancer Imaging, 2018, 18, 20.	2.8	22

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37	Pretherapeutic FDG-PET total metabolic tumor volume predicts response to induction therapy in pediatric Hodgkin's lymphoma. <i>BMC Cancer</i> , 2018, 18, 521.	2.6	39
38	Individualized risk assessment in neuroblastoma: does the tumoral metabolic activity on 123I-MIBG SPECT predict the outcome?. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2017, 44, 2203-2212.	6.4	2
39	Detection of obstructive uropathy and assessment of differential renal function using two functional magnetic resonance urography tools. <i>Nuklearmedizin - NuclearMedicine</i> , 2017, 56, 39-46.	0.7	6
40	Intermediate-term outcome after PSMA-PET guided high-dose radiotherapy of recurrent high-risk prostate cancer patients. <i>Radiation Oncology</i> , 2017, 12, 140.	2.7	34
41	The asphericity of the metabolic tumour volume in NSCLC: correlation with histopathology and molecular markers. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016, 43, 2360-2373.	6.4	46
42	Standardized visual reading of F18-FDG-PET in patients with non-small cell lung cancer scheduled for preoperative thoracic lymph node staging. <i>European Journal of Radiology</i> , 2016, 85, 1345-1350.	2.6	10
43	Significance of a Single-Time-Point Somatostatin Receptor SPECT/Multiphase CT Protocol in the Diagnostic Work-up of Gastroenteropancreatic Neuroendocrine Neoplasms. <i>Journal of Nuclear Medicine</i> , 2016, 57, 180-185.	5.0	6
44	Dual time point imaging for F18-FDG-PET/CT does not improve the accuracy of nodal staging in non-small cell lung cancer patients. <i>European Radiology</i> , 2016, 26, 2808-2818.	4.5	10
45	The association of tumor-to-background ratios and SUVmax deviations related to point spread function and time-of-flight F18-FDG-PET/CT reconstruction in colorectal liver metastases. <i>EJNMMI Research</i> , 2015, 5, 31.	2.5	29
46	Time Course of Contrast Enhancement by Micro-CT with Dedicated Contrast Agents in Normal Mice and Mice with Hepatocellular Carcinoma. <i>Academic Radiology</i> , 2015, 22, 169-178.	2.5	26
47	FDG-PET Response Prediction in Pediatric Hodgkin's Lymphoma: Impact of Metabolically Defined Tumor Volumes and Individualized SUV Measurements on the Positive Predictive Value. <i>Cancers</i> , 2015, 7, 287-304.	3.7	22
48	Intrahepatic Activity Distribution in Radioembolization with Yttrium-90 Labeled Resin Microspheres Using the Body Surface Area Method - A Less than Perfect Model. <i>Journal of Vascular and Interventional Radiology</i> , 2015, 26, 1615-1621.	0.5	24
49	Optimization of SPECT-CT Hybrid Imaging Using Iterative Image Reconstruction for Low-Dose CT: A Phantom Study. <i>PLoS ONE</i> , 2015, 10, e0138658.	2.5	15
50	Quantitative assessment of the asphericity of pretherapeutic FDG uptake as an independent predictor of outcome in NSCLC. <i>BMC Cancer</i> , 2014, 14, 896.	2.6	40
51	The influence of different signal-to-background ratios on spatial resolution and F18-FDG-PET quantification using point spread function and time-of-flight reconstruction. <i>EJNMMI Physics</i> , 2014, 1, 12.	2.7	36
52	Explorative analyses on the value of interim PET for prediction of response in pediatric and adolescent non-Hodgkin lymphoma patients. <i>EJNMMI Research</i> , 2013, 3, 71.	2.5	9
53	Influence of rigid coregistration of PET and CT data on metabolic volumetry: a user's perspective. <i>EJNMMI Research</i> , 2013, 3, 85.	2.5	0
54	Predictive Value of Intratumoral <sup>99m</sup> Tc-Macroaggregated Albumin Uptake in Patients with Colorectal Liver Metastases Scheduled for Radioembolization with <sup>90</sup> Y-Microspheres. <i>Journal of Nuclear Medicine</i> , 2013, 54, 516-522.	5.0	81

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55	Quantification in <sup>68</sup> Ga-DOTA(0)-Phe(1)-Tyr(3)-Octreotide Positron Emission Tomography/Computed Tomography: Can We Be Impartial about Partial Volume Effects?. <i>Neuroendocrinology</i> , 2013, 97, 369-374.	2.5	13
56	SUV <sub>max</sub> measurements and patient-specific corrections in pediatric Hodgkin's Lymphoma: Is there a benefit for PPV in early response assessment by FDG-PET?. <i>Pediatric Blood and Cancer</i> , 2012, 59, 475-480.	1.5	15
57	Blinded-Read of Bone Scintigraphy. <i>Clinical Nuclear Medicine</i> , 2011, 36, 186-191.	1.3	30
58	<sup>68</sup> Ga-DOTATOC PET/CT of Neuroendocrine Tumors: Spotlight on the CT Phases of a Triple-Phase Protocol. <i>Journal of Nuclear Medicine</i> , 2011, 52, 697-704.	5.0	89
59	Assessment of histological response of paediatric bone sarcomas using FDG PET in comparison to morphological volume measurement and standardized MRI parameters. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2010, 37, 1842-1853.	6.4	105
60	The role of PET in Hodgkin's lymphoma and its impact on radiation oncology. <i>Expert Review of Anticancer Therapy</i> , 2010, 10, 1419-1428.	2.4	9
61	Early and Late Therapy Response Assessment With [ <sup>18</sup> F]Fluorodeoxyglucose Positron Emission Tomography in Pediatric Hodgkin's Lymphoma: Analysis of a Prospective Multicenter Trial. <i>Journal of Clinical Oncology</i> , 2009, 27, 4385-4391.	1.6	150
62	Attenuation Correction of Somatostatin Receptor SPECT by Integrated Low-Dose CT. <i>Clinical Nuclear Medicine</i> , 2009, 34, 869-873.	1.3	11
63	Use of positron emission tomography for staging, preoperative response assessment and posttherapeutic evaluation in children with Wilms tumour. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2008, 35, 1642-1650.	6.4	49
64	Positron Emission Tomography for Staging of Pediatric Sarcoma Patients: Results of a Prospective Multicenter Trial. <i>Journal of Clinical Oncology</i> , 2007, 25, 5435-5441.	1.6	372
65	Correlative Imaging Strategies Implementing CT, MRI, and PET for Staging of Childhood Hodgkin Disease. <i>Journal of Pediatric Hematology/Oncology</i> , 2006, 28, 501-512.	0.6	57