

Frank Hofheinz

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

639
citations

567281

15
h-index

610901

24
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26
all docs

26
docs citations

26
times ranked

932
citing authors

#	ARTICLE	IF	CITATIONS
1	The PET-derived tumor-to-blood standard uptake ratio (SUR) is superior to tumor SUV as a surrogate parameter of the metabolic rate of FDG. <i>EJNMMI Research</i> , 2013, 3, 77.	2.5	96
2	Prognostic Value of Pretherapeutic Tumor-to-Blood Standardized Uptake Ratio in Patients with Esophageal Carcinoma. <i>Journal of Nuclear Medicine</i> , 2015, 56, 1150-1156.	5.0	59
3	Suitability of bilateral filtering for edge-preserving noise reduction in PET. <i>EJNMMI Research</i> , 2011, 1, 23.	2.5	51
4	Correction of scan time dependence of standard uptake values in oncological PET. <i>EJNMMI Research</i> , 2014, 4, 18.	2.5	46
5	An investigation of the relation between tumor-to-liver ratio (TLR) and tumor-to-blood standard uptake ratio (SUR) in oncological FDG PET. <i>EJNMMI Research</i> , 2016, 6, 19.	2.5	46
6	A method for model-free partial volume correction in oncological PET. <i>EJNMMI Research</i> , 2012, 2, 16.	2.5	45
7	Comparative evaluation of SUV, tumor-to-blood standard uptake ratio (SUR), and dual time point measurements for assessment of the metabolic uptake rate in FDG PET. <i>EJNMMI Research</i> , 2016, 6, 53.	2.5	34
8	Test-Retest Variability in Lesion SUV and Lesion SUR in ¹⁸ F-FDG PET: An Analysis of Data from Two Prospective Multicenter Trials. <i>Journal of Nuclear Medicine</i> , 2017, 58, 1770-1775.	5.0	32
9	Confirmation of the prognostic value of pretherapeutic tumor SUR and MTV in patients with esophageal squamous cell carcinoma. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 1485-1494.	6.4	31
10	In vivo confirmation of altered hepatic glucose metabolism in patients with liver fibrosis/cirrhosis by ¹⁸ F-FDG PET/CT. <i>EJNMMI Research</i> , 2018, 8, 98.	2.5	26
11	Comparison of Static and Dynamic ¹⁸ F-FDG PET/CT for Quantification of Pulmonary Inflammation in Acute Lung Injury. <i>Journal of Nuclear Medicine</i> , 2019, 60, 1629-1634.	5.0	26
12	Prognostic Value of Standardized Uptake Ratio in Patients with Trimodality Treatment of Locally Advanced Esophageal Carcinoma. <i>Journal of Nuclear Medicine</i> , 2019, 60, 192-198.	5.0	23
13	Dual time point based quantification of metabolic uptake rates in ¹⁸ F-FDG PET. <i>EJNMMI Research</i> , 2013, 3, 16.	2.5	21
14	A FDG-PET radiomics signature detects esophageal squamous cell carcinoma patients who do not benefit from chemoradiation. <i>Scientific Reports</i> , 2020, 10, 17671.	3.3	19
15	Performance Evaluation of Stationary and Semi-Stationary Acquisition with a Non-Stationary Small Animal Multi-Pinhole SPECT System. <i>Molecular Imaging and Biology</i> , 2014, 16, 311-316.	2.6	16
16	Prognostic value of baseline [¹⁸ F]-fluorodeoxyglucose positron emission tomography parameters MTV, TLG and asphericity in an international multicenter cohort of nasopharyngeal carcinoma patients. <i>PLoS ONE</i> , 2020, 15, e0236841.	2.5	15
17	Overexpression of Receptor Tyrosine Kinase EphB4 Triggers Tumor Growth and Hypoxia in A375 Melanoma Xenografts: Insights from Multitracer Small Animal Imaging Experiments. <i>Molecules</i> , 2018, 23, 444.	3.8	11
18	Influences on PET Quantification and Interpretation. <i>Diagnostics</i> , 2022, 12, 451.	2.6	9

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19	Increased evidence for the prognostic value of FDG uptake on late-treatment PET in non-tumour-affected oesophagus in irradiated patients with oesophageal carcinoma. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018, 45, 1752-1761.	6.4	8
20	Combined tumor plus nontumor interim FDG-PET parameters are prognostic for response to chemoradiation in squamous cell esophageal cancer. <i>International Journal of Cancer</i> , 2020, 147, 1427-1436.	5.1	6
21	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
22	Repeatability of Tumor SUV Quantification: The Role of Variable Blood SUV. <i>Journal of Nuclear Medicine</i> , 2015, 56, 1635.2-1636.	5.0	4
23	Interobserver variability of image-derived arterial blood SUV in whole-body FDG PET. <i>EJNMMI Research</i> , 2019, 9, 23.	2.5	4
24	¹⁸ F-Fluorodeoxyglucose Positron Emission Tomography of Head and Neck Cancer: Location and HPV Specific Parameters for Potential Treatment Individualization. <i>Frontiers in Oncology</i> , 0, 12, .	2.8	3
25	Time efficient scatter correction for time-of-flight PET: the immediate scatter approximation. <i>Physics in Medicine and Biology</i> , 2019, 64, 075005.	3.0	2
26	Monitoring scanner calibration using the image-derived arterial blood SUV in whole-body FDG-PET. <i>EJNMMI Research</i> , 2018, 8, 38.	2.5	0