

Jörg Mauler

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

421
citations

933447

10
h-index

752698

20
g-index

22
all docs

22
docs citations

22
times ranked

823
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of Cerebral Blood Flow Acquired by Simultaneous [¹⁵ O]Water Positron Emission Tomography and Arterial Spin Labeling Magnetic Resonance Imaging. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014, 34, 1373-1380.	4.3	118
2	Advances in multimodal neuroimaging: Hybrid MR-PET and MR-PET-EEG at 3T and 9.4T. <i>Journal of Magnetic Resonance</i> , 2013, 229, 101-115.	2.1	67
3	Comparison of EEG microstates with resting state fMRI and FDG-PET measures in the default mode network via simultaneously recorded trimodal (PET/MR/EEG) data. <i>Human Brain Mapping</i> , 2021, 42, 4122-4133.	3.6	32
4	Preclinical Pharmacokinetic Studies of the Tritium Labelled D-Enantiomeric Peptide D3 Developed for the Treatment of Alzheimer's Disease. <i>PLoS ONE</i> , 2015, 10, e0128553.	2.5	29
5	Spatial Relationship of Glioma Volume Derived from ¹⁸ F-FET PET and Volumetric MR Spectroscopy Imaging: A Hybrid PET/MRI Study. <i>Journal of Nuclear Medicine</i> , 2018, 59, 603-609.	5.0	27
6	Multimodal Fingerprints of Resting State Networks as assessed by Simultaneous Trimodal MR-PET-EEG Imaging. <i>Scientific Reports</i> , 2017, 7, 6452.	3.3	23
7	Excitatory-inhibitory balance within EEG microstates and resting-state fMRI networks: assessed via simultaneous trimodal PET-MR-EEG imaging. <i>Translational Psychiatry</i> , 2021, 11, 60.	4.8	21
8	mGluR5 receptor availability is associated with lower levels of negative symptoms and better cognition in male patients with chronic schizophrenia. <i>Human Brain Mapping</i> , 2020, 41, 2762-2781.	3.6	20
9	The JÄlich Experience With Simultaneous 3T MR-BrainPET: Methods and Technology. <i>IEEE Transactions on Radiation and Plasma Medical Sciences</i> , 2019, 3, 352-362.	3.7	14
10	Simultaneous trimodal PET-MR-EEG imaging: Do EEG caps generate artefacts in PET images?. <i>PLoS ONE</i> , 2017, 12, e0184743.	2.5	11
11	Simultaneous PET-MR-EEG: Technology, Challenges and Application in Clinical Neuroscience. <i>IEEE Transactions on Radiation and Plasma Medical Sciences</i> , 2019, 3, 377-385.	3.7	9
12	Two Decades of Brain Tumour Imaging with O-(2-[¹⁸ F]fluoroethyl)-L-tyrosine PET: The Forschungszentrum JÄlich Experience. <i>Cancers</i> , 2022, 14, 3336.	3.7	8
13	Dissociated Crossed Speech Areas in a Tumour Patient. <i>Case Reports in Neurology</i> , 2017, 9, 131-136.	0.7	7
14	mGluR5 binding changes during a mismatch negativity task in a multimodal protocol with [¹¹ C]ABP688 PET/MR-EEG. <i>Translational Psychiatry</i> , 2022, 12, 6.	4.8	7
15	Increasing body mass index in an elderly cohort: Effects on the quantitative MR parameters of the brain. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 51, 514-523.	3.4	6
16	mGluR5 and GABA _A receptor-specific parametric PET atlas construction-PET-MR data processing pipeline, validation, and application. <i>Human Brain Mapping</i> , 2022, 43, 2148-2163.	3.6	5
17	Combined ¹⁸ F-FET PET and diffusion kurtosis MRI in posttreatment glioblastoma: differentiation of true progression from treatment-related changes. <i>Neuro-Oncology Advances</i> , 2021, 3, v04044.	0.7	4
18	Image-based Motion Correction for the Siemens hybrid-MR/BrainPET Scanner. <i>Nuklearmedizin - Nuclear Medicine</i> , 2019, 58, .	0.7	4

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19	Congruency of tumour volume delineated by FET PET and MRSI. EJNMMI Physics, 2015, 2, A61.	2.7	3
20	Bolus infusion scheme for the adjustment of steady state [11C]Flumazenil levels in the grey matter and in the blood plasma for neuroreceptor imaging. NeuroImage, 2020, 221, 117160.	4.2	2
21	Image derived input function applied in CBF Studies with [15O]water PET in an integrated MR-PET. EJNMMI Physics, 2014, 1, A30.	2.7	1