

Sune H Keller

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

483
citations

840776

11
h-index

713466

21
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26
all docs

26
docs citations

26
times ranked

801
citing authors

#	ARTICLE	IF	CITATIONS
1	Image artifacts from MR-based attenuation correction in clinical, whole-body PET/MRI. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2013, 26, 173-181.	2.0	119
2	Attenuation Correction for the HRRT PET-Scanner Using Transmission Scatter Correction and Total Variation Regularization. <i>IEEE Transactions on Medical Imaging</i> , 2013, 32, 1611-1621.	8.9	57
3	Guidelines for the content and format of PET brain data in publications and archives: A consensus paper. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 1576-1585.	4.3	47
4	Methods for Motion Correction Evaluation Using 18F-FDG Human Brain Scans on a High-Resolution PET Scanner. <i>Journal of Nuclear Medicine</i> , 2012, 53, 495-504.	5.0	38
5	Motion correction in simultaneous PET/MR brain imaging using sparsely sampled MR navigators: a clinically feasible tool. <i>EJNMMI Physics</i> , 2015, 2, 14.	2.7	28
6	Automatic delineation of brain regions on MRI and PET images from the pig. <i>Journal of Neuroscience Methods</i> , 2018, 294, 51-58.	2.5	27
7	Low 5-HT _{1B} receptor binding in the migraine brain: A PET study. <i>Cephalalgia</i> , 2018, 38, 519-527.	3.9	26
8	Dental artifacts in the head and neck region: implications for Dixon-based attenuation correction in PET/MR. <i>EJNMMI Physics</i> , 2015, 2, 8.	2.7	18
9	Investigation of motion induced errors in scatter correction for the HRRT brain scanner. , 2010, , .		16
10	Parkinson patients have a presynaptic serotonergic deficit: A dynamic deep brain stimulation PET study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 0271678X2098238.	4.3	16
11	Dorsal striatal dopamine induces fronto-cortical hypoactivity and attenuates anxiety and compulsive behaviors in rats. <i>Neuropsychopharmacology</i> , 2022, 47, 454-464.	5.4	16
12	Reproducibility of MR-Based Attenuation Maps in PET/MRI and the Impact on PET Quantification in Lung Cancer. <i>Journal of Nuclear Medicine</i> , 2018, 59, 999-1004.	5.0	15
13	Cerebral serotonin release correlates with [¹¹ C]AZ10419369 PET measures of 5-HT _{1B} receptor binding in the pig brain. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018, 38, 1243-1252.	4.3	13
14	Effect of Attenuation Correction on Regional Quantification Between PET/MR and PET/CT: A Multicenter Study Using a 3-Dimensional Brain Phantom. <i>Journal of Nuclear Medicine</i> , 2016, 57, 818-824.	5.0	11
15	Automatic correction of dental artifacts in PET/MRI. <i>Journal of Medical Imaging</i> , 2015, 2, 024009.	1.5	8
16	A Movable Phantom Design for Quantitative Evaluation of Motion Correction Studies on High Resolution PET Scanners. <i>IEEE Transactions on Nuclear Science</i> , 2010, 57, 1116-1124.	2.0	7
17	No effects of a 6-week intervention with a glucagon-like peptide-1 receptor agonist on pancreatic volume and oedema in obese men without diabetes. <i>Diabetes, Obesity and Metabolism</i> , 2020, 22, 1837-1846.	4.4	4
18	Automatic thresholding for frame-repositioning using external tracking in PET brain imaging. , 2010, , .		3

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19	Sparsely sampled MR navigators as a practical tool for quality control and correction of head motion in simultaneous PET/MR. EJMNM Physics, 2014, 1, A36.	2.7	3
20	Impact of [18F]FDG-PET and [18F]FLT-PET-Parameters in Patients with Suspected Relapse of Irradiated Lung Cancer. Diagnostics, 2021, 11, 279.	2.6	3
21	Evaluation of PET image quality and distortions in simultaneous clinical PET/MR. , 2012, , .		1
22	Quantification and accuracy of clinical [11C]-PiB PET/MRI: the effect of MR-based attenuation correction. EJMNM Physics, 2014, 1, A69.	2.7	1
23	Hot and Cold Cognitive Disturbances in Parkinson Patients Treated with DBS-STN: A Combined PET and Neuropsychological Study. Brain Sciences, 2022, 12, 654.	2.3	1
24	Impact of $\hat{1}/4$ -map Processing and Transmission Scan Count Statistics on Quantification of PET Pig Brain Scans - and Temporal Variation of Scatter Correction Induced by $\hat{1}/4$ -map Mismatch. , 2017, , .		0