

Mathias Lukas

List of Publications by Year in descending order

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15
papers

196
citations

1163117

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1058476

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docs citations

15
times ranked

368
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Severity of Subjective Cognitive Complaints and Worries in Older Adults Are Associated With Cerebral Amyloid- β Load. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 675583.	3.4	9
3	Accurate Monte Carlo Modeling of Small-Animal Multi-Pinhole SPECT for Non-Standard Multi-Isotope Applications. <i>IEEE Transactions on Medical Imaging</i> , 2021, 40, 2208-2220.	8.9	1
4	Multi-Isotope Capabilities of a Small-Animal Multi-Pinhole SPECT System. <i>Journal of Nuclear Medicine</i> , 2020, 61, 152-161.	5.0	13
5	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). <i>EJNMMI Physics</i> , 2020, 7, 2.	2.7	39
6	Relationship of Renal Function in Mice to Strain, Sex and ^{177}Lu -Somatostatin Receptor Ligand Treatment. <i>Nuklearmedizin - NuclearMedicine</i> , 2020, 59, 381-386.	0.7	1
7	^{18}F -sodium fluoride bone deposition quantitation with PET in Mice: Variation with age, sex, and circadian rhythm. <i>Nuklearmedizin - NuclearMedicine</i> , 2020, 59, 428-437.	0.7	0
8	Image-Guided Robotic Radiosurgery for Treatment of Recurrent Grade II and III Meningiomas. A Single-Center Study. <i>World Neurosurgery</i> , 2019, 131, e96-e107.	1.3	15
9	3D nonrigid motion correction for quantitative assessment of hepatic lesions in DCE-MRI. <i>Magnetic Resonance in Medicine</i> , 2019, 82, 1753-1766.	3.0	14
10	Normal Values for Parotid Gland and Submandibular-Sublingual Salivary Gland Complex Uptake of $^{99\text{m}}\text{Tc}$ Perchnetate using SPECT in Mice with Respect to Age, Sex, and Circadian Rhythm. <i>Nuklearmedizin - NuclearMedicine</i> , 2019, 58, 39-49.	0.7	1
11	Impact of ^{68}Ga -DOTATOC PET/MRI on robotic radiosurgery treatment planning in meningioma patients: first experiences in a single institution. <i>Neurosurgical Focus</i> , 2019, 46, E9.	2.3	23
12	Multi institutional quantitative phantom study of yttrium-90 PET in PET/MRI: the MR-QUEST study. <i>EJNMMI Physics</i> , 2018, 5, 7.	2.7	10
13	Normal Values of Thyroid Uptake of $^{99\text{m}}\text{Tc}$ Perchnetate SPECT in Mice with Respect to Age, Sex, and Circadian Rhythm. <i>Nuklearmedizin - NuclearMedicine</i> , 2018, 57, 181-189.	0.7	7
14	Proof of Therapeutic Efficacy of a ^{177}Lu -Labeled Neurotensin Receptor 1 Antagonist in a Colon Carcinoma Xenograft Model. <i>Journal of Nuclear Medicine</i> , 2017, 58, 936-941.	5.0	39
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