Simone Beer

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9235675/publications.pdf

Version: 2024-02-01

23 papers	680 citations	840776 11 h-index	839539 18 g-index
23 all docs	23 docs citations	23 times ranked	1101 citing authors

#	Article	IF	Citations
1	Comparison of the Amyloid Load in the Brains of Two Transgenic Alzheimerâ€™s Disease Mouse Models Quantified by Florbetaben Positron Emission Tomography. Frontiers in Neuroscience, 2021, 15, 699926.	2.8	5
2	Cerebral A1 adenosine receptor availability in female and male participants and its relationship to sleep. NeuroImage, 2021, 245, 118695.	4.2	8
3	Radiological characteristics of a new experimental rubber elastomeric polymer used in three-dimensional printing with different infill densities and patterns. Journal of Physics Communications, 2020, 4, 125006.	1.2	3
4	T 1-mapping and dielectric properties evaluation of a 3D printable rubber-elastomeric polymer as tissue mimicking materials for MRI phantoms. Materials Research Express, 2020, 7, 115306.	1.6	4
5	Evaluation of 3D printable rubber-elastomeric polymer as phantom material for Hybrid PET/MRI. , 2019, , .		4
6	Image Quality assessment for Awake Animal Brain PET. , 2019, , .		0
7	Image-Derived Input Functions for Quantification of A1 Adenosine Receptors Availability in Mice Brains Using PET and [18F]CPFPX. Frontiers in Physiology, 2019, 10, 1617.	2.8	1
8	Phosphocreatine Levels in the Left Thalamus Decline during Wakefulness and Increase after a Nap. Journal of Neuroscience, 2018, 38, 10552-10565.	3.6	10
9	Bone regeneration induced by a 3D architectured hydrogel in a rat critical-size calvarial defect. Biomaterials, 2017, 113, 158-169.	11.4	58
10	Circadian variation of metabotropic glutamate receptor 5 availability in the rat brain. Journal of Sleep Research, 2016, 25, 754-761.	3.2	47
11	Reproducibility of Non-Invasive A1 Adenosine Receptor Quantification in the Rat Brain Using [18F]CPFPX and Positron Emission Tomography. Molecular Imaging and Biology, 2014, 16, 699-709.	2.6	12
12	[18F]Altanserin and small animal PET: Impact of multidrug efflux transporters on ligand brain uptake and subsequent quantification of 5-HT2A receptor densities in the rat brain. Nuclear Medicine and Biology, 2014, 41, 1-9.	0.6	13
13	PhenoPET: A dedicated PET scanner for plant research based on digital SiPMs (DPCs). , 2014, , .		6
14	Suitability of [18F]Altanserin and PET to Determine 5-HT2A Receptor Availability in the Rat Brain: In Vivo and In Vitro Validation of Invasive and Non-Invasive Kinetic Models. Molecular Imaging and Biology, 2013, 15, 456-467.	2.6	9
15	In Vivo Kinetic and Steady-State Quantification of ¹⁸F-CPFPX Binding to Rat Cerebral A₁ Adenosine Receptors: Validation by Displacement and Autoradiographic Experiments. Journal of Nuclear Medicine, 2013, 54, 1411-1419.	5.0	14
16	Gap-filling methods for 3D PlanTIS data. Physics in Medicine and Biology, 2010, 55, 6125-6139.	3.0	12
17	Design and initial performance of PlanTIS: a high-resolution positron emission tomograph for plants. Physics in Medicine and Biology, 2010, 55, 635-646.	3.0	43
18	Combined MRIâ€“PET dissects dynamic changes in plant structures and functions. Plant Journal, 2009, 59, 634-644.	5.7	268

#	Article	IF	Citations
19	“PlanTIS: A positron emission tomograph for imaging ¹¹C Transport in Plants”. , 2007, , .		8
20	Image reconstruction for the ClearPETâ„¢ Neuro. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 569, 381-385.	1.6	18
21	Small animal PET: aspects of performance assessment. European Journal of Nuclear Medicine and Molecular Imaging, 2004, 31, 1545-1555.	6.4	54
22	Comparison of LuYAP, LSO, and BGO as scintillators for high resolution PET detectors. IEEE Transactions on Nuclear Science, 2003, 50, 1370-1372.	2.0	78
23	Homogenization of the MultiChannel PM gain by inserting light attenuating masks. , 0, , .		5