Miho Shidahara

List of Publications by Year
in descending order

19 papers	630 citations	1163117 8 h-index	794594 19 g-index
19 all docs	19 docs citations	19 times ranked	1125 citing authors

#	Article	IF	Citations
1	Noninvasive estimation of human radiation dosimetry of 18F-FDG by whole-body small animal PET imaging in rats. Applied Radiation and Isotopes, 2022, 181, 110071.	1.5	1
2	Brain partial volume correction with point spreading function reconstruction in high-resolution digital PET: comparison with an MR-based method in FDG imaging. Annals of Nuclear Medicine, 2022, 36, 717-727.	2.2	5
3	^{18}F-SMBT-1: A Selective and Reversible PET Tracer for Monoamine Oxidase-B Imaging. Journal of Nuclear Medicine, 2021, 62, 253-258.	5.0	57
4	Iterative framework for image registration and partial volume correction in brain positron emission tomography. Radiological Physics and Technology, 2020, 13, 348-357.	1.9	4
5	Error propagation analysis of seven partial volume correction algorithms for [18F]THK-5351 brain PET imaging. EJNMMI Physics, 2020, 7, 57.	2.7	8
6	A systematic performance evaluation of head motion correction techniques for 3 commercial PET scanners using a reproducible experimental acquisition protocol. Annals of Nuclear Medicine, 2019, 33, 459-470.	2.2	7
7	From the respective expert viewpoints of the ANM specialty editors. Annals of Nuclear Medicine, 2019, 33, 877-880.	2.2	2
8	Renal statistical map for positron emission tomography with [O-15] water. American Journal of Nuclear Medicine and Molecular Imaging, 2019, 9, 193-202.	1.0	2
9	Prediction of the Clinical SUV Ratio in Amyloid PET Imaging Using a Biomathematic Modeling Approach Toward the Efficient Development of a Radioligand. Journal of Nuclear Medicine, 2017, 58, 1285-1292.	5.0	8
10	Biomathematical screening of amyloid radiotracers with clinical usefulness index. Alzheimer's and Dementia: Translational Research and Clinical Interventions, 2017, 3, 542-552.	3.7	4
11	A comparison of five partial volume correction methods for Tau and Amyloid PET imaging with [18F]THK5351 and [11C]PIB. Annals of Nuclear Medicine, 2017, 31, 563-569.	2.2	29
12	137Cs transmission imaging and segmented attenuation corrections in a small animal PET scanner. Radiological Physics and Technology, 2017, 10, 321-330.	1.9	3
13	^{18}F-THK5351: A Novel PET Radiotracer for Imaging Neurofibrillary Pathology in Alzheimer Disease. Journal of Nuclear Medicine, 2016, 57, 208-214.	5.0	282
14	Quantitative kinetic analysis of PET amyloid imaging agents [11C]BF227 and [18F]FACT in human brain. Nuclear Medicine and Biology, 2015, 42, 734-744.	0.6	9
15	Evaluation of the biodistribution and radiation dosimetry of the 18F-labelled amyloid imaging probe [18F]FACT in humans. EJNMMI Research, 2013, 3, 32.	2.5	9
16	Partial Volume Correction using Structural–Functional Synergistic Resolution Recovery: Comparison with Geometric Transfer Matrix Method. Journal of Cerebral Blood Flow and Metabolism, 2013, 33, 914-920.	4.3	18
17	Functional and structural synergy for resolution recovery and partial volume correction in brain PET. NeuroImage, 2009, 44, 340-348.	4.2	81
18	Predicting human performance by channelized Hotelling observer in discriminating between Alzheimer's dementia and controls using statistically processed brain perfusion SPECT. Annals of Nuclear Medicine, 2006, 20, 605-613.	2.2	9

#	Article	IF	Citations
19	Estimation of absorbed dose for 2-[F-18]fluoro-2-deoxy- d - glucose using whole-body positron emission tomography and magnetic resonance imaging. European Journal of Nuclear Medicine and Molecular Imaging, 1998, 25, 565-574.	6.4	92