

# Miho Shidahara

## List of Publications by Year in descending order

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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	<sup>18</sup> F-THK5351: A Novel PET Radiotracer for Imaging Neurofibrillary Pathology in Alzheimer Disease. <i>Journal of Nuclear Medicine</i> , 2016, 57, 208-214.	5.0	282
2	Estimation of absorbed dose for 2-[F-18]fluoro-2-deoxy- d - glucose using whole-body positron emission tomography and magnetic resonance imaging. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1998, 25, 565-574.	6.4	92
3	Functional and structural synergy for resolution recovery and partial volume correction in brain PET. <i>NeuroImage</i> , 2009, 44, 340-348.	4.2	81
4	<sup>18</sup> F-SMBT-1: A Selective and Reversible PET Tracer for Monoamine Oxidase-B Imaging. <i>Journal of Nuclear Medicine</i> , 2021, 62, 253-258.	5.0	57
5	A comparison of five partial volume correction methods for Tau and Amyloid PET imaging with [18F]THK5351 and [11C]PIB. <i>Annals of Nuclear Medicine</i> , 2017, 31, 563-569.	2.2	29
6	Partial Volume Correction using Structural-Functional Synergistic Resolution Recovery: Comparison with Geometric Transfer Matrix Method. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013, 33, 914-920.	4.3	18
7	Predicting human performance by channelized Hotelling observer in discriminating between Alzheimer's dementia and controls using statistically processed brain perfusion SPECT. <i>Annals of Nuclear Medicine</i> , 2006, 20, 605-613.	2.2	9
8	Evaluation of the biodistribution and radiation dosimetry of the 18F-labelled amyloid imaging probe [18F]FACT in humans. <i>EJNMMI Research</i> , 2013, 3, 32.	2.5	9
9	Quantitative kinetic analysis of PET amyloid imaging agents [11C]BF227 and [18F]FACT in human brain. <i>Nuclear Medicine and Biology</i> , 2015, 42, 734-744.	0.6	9
10	Prediction of the Clinical SUV Ratio in Amyloid PET Imaging Using a Biomathematic Modeling Approach Toward the Efficient Development of a Radioligand. <i>Journal of Nuclear Medicine</i> , 2017, 58, 1285-1292.	5.0	8
11	Error propagation analysis of seven partial volume correction algorithms for [18F]THK-5351 brain PET imaging. <i>EJNMMI Physics</i> , 2020, 7, 57.	2.7	8
12	A systematic performance evaluation of head motion correction techniques for 3 commercial PET scanners using a reproducible experimental acquisition protocol. <i>Annals of Nuclear Medicine</i> , 2019, 33, 459-470.	2.2	7
13	Brain partial volume correction with point spreading function reconstruction in high-resolution digital PET: comparison with an MR-based method in FDG imaging. <i>Annals of Nuclear Medicine</i> , 2022, 36, 717-727.	2.2	5
14	Biomathematical screening of amyloid radiotracers with clinical usefulness index. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2017, 3, 542-552.	3.7	4
15	Iterative framework for image registration and partial volume correction in brain positron emission tomography. <i>Radiological Physics and Technology</i> , 2020, 13, 348-357.	1.9	4
16	<sup>137</sup> Cs transmission imaging and segmented attenuation corrections in a small animal PET scanner. <i>Radiological Physics and Technology</i> , 2017, 10, 321-330.	1.9	3
17	From the respective expert viewpoints of the ANM specialty editors. <i>Annals of Nuclear Medicine</i> , 2019, 33, 877-880.	2.2	2
18	Renal statistical map for positron emission tomography with [O-15] water. <i>American Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 9, 193-202.	1.0	2

#	ARTICLE	IF	CITATIONS
19	Noninvasive estimation of human radiation dosimetry of $^{18}\text{F}$ -FDG by whole-body small animal PET imaging in rats. <i>Applied Radiation and Isotopes</i> , 2022, 181, 110071.	1.5	1