

# Mi-Ae Park

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

1,276  
citations

687363

13  
h-index

610901

24  
g-index

27  
all docs

27  
docs citations

27  
times ranked

2382  
citing authors

#	ARTICLE	IF	CITATIONS
1	Single Photon Emission Computed Tomography (SPECT) Myocardial Perfusion Imaging Guidelines: Instrumentation, Acquisition, Processing, and Interpretation. <i>Journal of Nuclear Cardiology</i> , 2018, 25, 1784-1846.	2.1	241
2	<i>In Vivo</i> Detection of Age- and Disease-Related Increases in Neuroinflammation by <sup>18</sup> F-GE180 TSPO MicroPET Imaging in Wild-Type and Alzheimer's Transgenic Mice. <i>Journal of Neuroscience</i> , 2015, 35, 15716-15730.	3.6	110
3	<sup>18</sup> F-Florbetapir Binds Specifically to Myocardial Light Chain and Transthyretin Amyloid Deposits. <i>Circulation: Cardiovascular Imaging</i> , 2015, 8, .	2.6	107
4	<sup>18</sup> F-Fluoride Signal Amplification Identifies Microcalcifications Associated With Atherosclerotic Plaque Instability in Positron Emission Tomography/Computed Tomography Images. <i>Circulation: Cardiovascular Imaging</i> , 2019, 12, e007835.	2.6	92
5	Absolute Quantitation of Cardiac <sup>99m</sup> Tc-Pyrophosphate Using Cadmium-Zinc-Telluride-Based SPECT/CT. <i>Journal of Nuclear Medicine</i> , 2021, 62, 716-722.	5.0	51
6	Space-like <sup>56</sup> Fe irradiation manifests mild, early sex-specific behavioral and neuropathological changes in wildtype and Alzheimer's-like transgenic mice. <i>Scientific Reports</i> , 2019, 9, 12118.	3.3	49
7	Relative Apical Sparing of Myocardial Longitudinal Strain Is Explained by Regional Differences in Total Amyloid Mass Rather Than the Proportion of Amyloid Deposits. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 1165-1173.	5.3	45
8	Approaches to Reducing Radiation Dose from Radionuclide Myocardial Perfusion Imaging. <i>Journal of Nuclear Medicine</i> , 2015, 56, 592-599.	5.0	39
9	Brain SPECT with short focal-length cone-beam collimation. <i>Medical Physics</i> , 2005, 32, 2236-2244.	3.0	26
10	Effector function of anti-pyroglutamate-3 A $\beta$ antibodies affects cognitive benefit, glial activation and amyloid clearance in Alzheimer's-like mice. <i>Alzheimer's Research and Therapy</i> , 2020, 12, 12.	6.2	26
11	Adsorption of metallic radionuclides on plastic phantom walls. <i>Medical Physics</i> , 2008, 35, 1606-1610.	3.0	20
12	Accuracy and Reproducibility of Myocardial Blood Flow Quantification by Single Photon Emission Computed Tomography Imaging in Patients With Known or Suspected Coronary Artery Disease. <i>Circulation: Cardiovascular Imaging</i> , 2022, 15, .	2.6	19
13	Quantitative [ <sup>18</sup> F]florbetapir PET/CT may identify lung involvement in patients with systemic AL amyloidosis. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 1998-2009.	6.4	14
14	Regional microglial activation in the substantia nigra is linked with fatigue in MS. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2020, 7, .	6.0	12
15	Quantitative Bone-Avid Tracer SPECT/CT for Cardiac Amyloidosis: A Crucial Step Forward. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 1364-1367.	5.3	12
16	Cortical and Subcortical Dysmetabolism Are Dynamic Markers of Clinical Disability and Course in Anti-LGI1 Encephalitis. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2022, 9, .	6.0	11
17	Performance of a high-sensitivity dedicated cardiac SPECT scanner for striatal uptake quantification in the brain based on analysis of projection data. <i>Medical Physics</i> , 2013, 40, 042504.	3.0	10
18	Voxel-Wise Analysis of Fluoroethyltyrosine PET and MRI in the Assessment of Recurrent Glioblastoma During Antiangiogenic Therapy. <i>American Journal of Roentgenology</i> , 2018, 211, 1342-1347.	2.2	10

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19	Long-Term Sex- and Genotype-Specific Effects of <sup>56</sup> Fe Irradiation on Wild-Type and APP <sup>swe</sup> /PS1 <sup>dE9</sup> Transgenic Mice. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13305.	4.1	10
20	Quantitative molecular imaging of cardiac amyloidosis: The journey has begun. <i>Journal of Nuclear Cardiology</i> , 2016, 23, 751-753.	2.1	9
21	Design and Fabrication of Phantoms Using Stereolithography for Small-Animal Imaging Systems. <i>Molecular Imaging and Biology</i> , 2008, 10, 231-236.	2.6	8
22	Effects of hole tapering on cone-beam collimation for brain SPECT imaging. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2006, 569, 188-192.	1.6	5
23	Preliminary investigation of imaging properties for sub-millimeter square pinholes. , 2013, , .		4
24	Introduction of a novel ultrahigh sensitivity collimator for brain SPECT imaging. <i>Medical Physics</i> , 2016, 43, 4734-4741.	3.0	3
25	Fast Monte Carlo Estimation of Patient and Detector Scatter and Crosstalk Contamination in SPECT Imaging. , 0, , .		2
26	Statistical decision making in emission tomography using emission-count posteriors. , 2012, , .		1