

# Mohammad Mehdi

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

558  
citations

1162367

8  
h-index

1125271

13  
g-index

14  
all docs

14  
docs citations

14  
times ranked

824  
citing authors

#	ARTICLE	IF	CITATIONS
1	NEMA NU 2-2012 performance studies for the SiPM-based ToF-PET component of the GE SIGNA PET/MR system. <i>Medical Physics</i> , 2016, 43, 2334-2343.	1.6	207
2	Design Features and Mutual Compatibility Studies of the Time-of-Flight PET Capable GE SIGNA PET/MR System. <i>IEEE Transactions on Medical Imaging</i> , 2016, 35, 1907-1914.	5.4	156
3	Image-derived input function estimation on a TOF-enabled PET/MR for cerebral blood flow mapping. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018, 38, 126-135.	2.4	49
4	Thalamic and prefrontal GABA concentrations but not GABAA receptor densities are altered in high-functioning adults with autism spectrum disorder. <i>Molecular Psychiatry</i> , 2021, 26, 1634-1646.	4.1	37
5	Cerebrovascular reactivity measurements using simultaneous 15O-water PET and ASL MRI: Impacts of arterial transit time, labeling efficiency, and hematocrit. <i>NeuroImage</i> , 2021, 233, 117955.	2.1	28
6	Simultaneous phase-contrast MRI and PET for noninvasive quantification of cerebral blood flow and reactivity in healthy subjects and patients with cerebrovascular disease. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 51, 183-194.	1.9	21
7	Using arterial spin labeling to measure cerebrovascular reactivity in Moyamoya disease: Insights from simultaneous PET/MRI. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2022, 42, 1493-1506.	2.4	15
8	PET Imaging Stability Measurements During Simultaneous Pulsing of Aggressive MR Sequences on the SIGNA PET/MR System. <i>Journal of Nuclear Medicine</i> , 2018, 59, 167-172.	2.8	14
9	Simultaneous FDG-PET/MRI detects hippocampal subfield metabolic differences in AD/MCI. <i>Scientific Reports</i> , 2020, 10, 12064.	1.6	12
10	A Clinical PET Imaging Tracer ([ <sup>18</sup> F]DASA-23) to Monitor Pyruvate Kinase M2-Induced Glycolytic Reprogramming in Glioblastoma. <i>Clinical Cancer Research</i> , 2021, 27, 6467-6478.	3.2	9
11	MR Performance Comparison of a PET/MR System Before and After SiPM-Based Time-of-Flight PET Detector Insertion. <i>IEEE Transactions on Nuclear Science</i> , 2016, 63, 2419-2423.	1.2	6
12	Reduced Acquisition Time per Bed Position for PET/MRI Using <sup>68</sup> Ga-RM2 or <sup>68</sup> Ga-PSMA-11 in Patients With Prostate Cancer: A Retrospective Analysis. <i>American Journal of Roentgenology</i> , 2022, 218, 333-340.	1.0	3
13	Investigating Simultaneity for Deep Learning-Enhanced Actual Ultra-Low-Dose Amyloid PET/MR Imaging. <i>American Journal of Neuroradiology</i> , 2022, 43, 354-360.	1.2	1
14	Real-Time Gain Control of PET Detectors and Evaluation With Challenging Radionuclides. <i>IEEE Transactions on Medical Imaging</i> , 2021, 40, 71-80.	5.4	0