

# Jeong-Whan Son

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12028779/publications.pdf>

Version: 2024-02-01

10  
papers

273  
citations

1163117

8  
h-index

1474206

9  
g-index

10  
all docs

10  
docs citations

10  
times ranked

280  
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance Evaluation of SimPET-X, a PET Insert for Simultaneous Mouse Total-Body PET/MR Imaging. <i>Molecular Imaging and Biology</i> , 2021, 23, 703-713.	2.6	14
2	Development and Initial Results of a Brain PET Insert for Simultaneous 7-Tesla PET/MRI Using an FPGA-Only Signal Digitization Method. <i>IEEE Transactions on Medical Imaging</i> , 2021, 40, 1579-1590.	8.9	36
3	Comparator-less PET data acquisition system using single-ended memory interface input receivers of FPGA. <i>Physics in Medicine and Biology</i> , 2020, 65, 155007.	3.0	8
4	SimPET: a Preclinical PET Insert for Simultaneous PET/MR Imaging. <i>Molecular Imaging and Biology</i> , 2020, 22, 1208-1217.	2.6	22
5	A depth-of-interaction PET detector using a stair-shaped reflector arrangement and a single-ended scintillation light readout. <i>Physics in Medicine and Biology</i> , 2017, 62, 465-483.	3.0	30
6	Proof-of-concept prototype time-of-flight PET system based on high-quantum-efficiency multianode PMTs. <i>Medical Physics</i> , 2017, 44, 5314-5324.	3.0	21
7	Evaluation of a FPGA-based Real-Time Coincidence System for High Count Rate PET Scanners. , 2017, , .		5
8	Development and Performance Evaluation of a Time-of-Flight Positron Emission Tomography Detector Based on a High-Quantum-Efficiency Multi-Anode Photomultiplier Tube. <i>IEEE Transactions on Nuclear Science</i> , 2016, 63, 44-51.	2.0	13
9	Dual-Phase Tapped-Delay-Line Time-to-Digital Converter With On-the-Fly Calibration Implemented in 40 nm FPGA. <i>IEEE Transactions on Biomedical Circuits and Systems</i> , 2016, 10, 231-242.	4.0	75
10	Evaluation of a silicon photomultiplier PET insert for simultaneous PET and MR imaging. <i>Medical Physics</i> , 2015, 43, 72-83.	3.0	49