Myungkook Moon

List of Publications by Year
in descending order

14 papers	207 citations	1163117 8 h-index	1058476 14 g-index
15 all docs	15 docs citations	15 times ranked	157 citing authors

#	Article	IF	Citations
1	Spatially resolved spectra from a new x-ray imaging crystal spectrometer for measurements of ion and electron temperature profiles (invited). Review of Scientific Instruments, 2004, 75, 3660-3665.	1.3	55
2	The first experimental results from x-ray imaging crystal spectrometer for KSTAR. Review of Scientific Instruments, 2010, 81, 10E506.	1.3	39
3	Research and development of x-ray imaging crystal spectrometers for KSTAR. Review of Scientific Instruments, 2004, 75, 3693-3695.	1.3	19
4	Development of advanced x-ray imaging crystal spectrometer utilizing a large area segmented proportional counter for KSTAR. Review of Scientific Instruments, 2007, 78, 063504.	1.3	15
5	Parametric optimization for energy calibration and gamma response function of plastic scintillation detectors using a genetic algorithm. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 930, 8-14.	1.6	15
6	Pseudo-Gamma Spectroscopy Based on Plastic Scintillation Detectors Using Multitask Learning. Sensors, 2021, 21, 684.	3.8	13
7	Imaging x-ray crystal spectrometers for KSTAR. Review of Scientific Instruments, 2003, 74, 1997-2000.	1.3	12
8	Reconstruction of Compton Edges in Plastic Gamma Spectra Using Deep Autoencoder. Sensors, 2020, 20, 2895.	3.8	10
9	Data acquisition system for an advanced x-ray imaging crystal spectrometer using a segmented position-sensitive detector. Review of Scientific Instruments, 2007, 78, 103504.	1.3	8
10	Experimental results from an X-ray imaging crystal spectrometer utilizing multi-wire proportional counter for KSTAR. Review of Scientific Instruments, 2016, 87, 11E314.	1.3	8
11	Comparison of Machine Learning-Based Radioisotope Identifiers for Plastic Scintillation Detector. Journal of Radiation Protection and Research, 2021, 46, 204-212.	0.6	6
12	Deep Learning-Based Pulse Height Estimation for Separation of Pile-Up Pulses From NaI(Tl) Detector. IEEE Transactions on Nuclear Science, 2022, 69, 1344-1351.	2.0	5
13	Neutron detectors for scattering experiments at HANARO. Pramana - Journal of Physics, 2008, 71, 1189-1195.	1.8	1
14	Scientific Review: Residual Stress Measurements at HANARO. Neutron News, 2006, 17, 27-31.	0.2	0