

Padhraic Mulligan

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

9

papers

4,718

citations

7

h-index

16

g-index

16

ext. papers

5,423

ext. citations

12.1

avg, IF

5.49

L-index

#	Paper	IF	Citations
9	Bulk GaN alpha-particle detector with large depletion region and improved energy resolution. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2017 , 849, 11-15	1.2	16
8	Sensitive X-ray detectors made of methylammonium lead tribromide perovskite single crystals. <i>Nature Photonics</i> , 2016 , 10, 333-339	33.9	894
7	Review of using gallium nitride for ionizing radiation detection. <i>Applied Physics Reviews</i> , 2015 , 2, 031102	17.3	45
6	Solar cells. Electron-hole diffusion lengths > 175 μm in solution-grown $\text{CH}_3\text{NH}_3\text{PbI}_3$ single crystals. <i>Science</i> , 2015 , 347, 967-70	33.3	3708
5	Neutron depth profiling of Li-ion cell electrodes with a gas-controlled environment. <i>Journal of Power Sources</i> , 2014 , 248, 489-497	8.9	18
4	Study of GaN Radiation Sensor After In-core Neutron Irradiation. <i>IEEE Transactions on Nuclear Science</i> , 2014 , 61, 2040-2044	1.7	8
3	The Potential of Using Li-Ion Batteries for Radiation Detection. <i>IEEE Transactions on Nuclear Science</i> , 2013 , 60, 662-667	1.7	3
2	Evaluation of freestanding GaN as an alpha and neutron detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013 , 719, 13-16	1.2	24
1	Study of GaN radiation sensor after in-core neutron irradiation 2013 ,		1