

Padhraic Mulligan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5184690/publications.pdf>

Version: 2024-02-01

10
papers

6,087
citations

1306789

7
h-index

1588620

8
g-index

16
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16
docs citations

16
times ranked

9037
citing authors

#	ARTICLE	IF	CITATIONS
1	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, 967-970.	6.0	4,642
2	Sensitive X-ray detectors made of methylammonium lead tribromide perovskite single crystals. <i>Nature Photonics</i> , 2016, 10, 333-339.	15.6	1,271
3	Review of using gallium nitride for ionizing radiation detection. <i>Applied Physics Reviews</i> , 2015, 2, .	5.5	73
4	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.	0.7	34
5	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.	0.7	25
6	Neutron depth profiling of Li-ion cell electrodes with a gas-controlled environment. <i>Journal of Power Sources</i> , 2014, 248, 489-497.	4.0	21
7	Study of GaN Radiation Sensor After In-core Neutron Irradiation. <i>IEEE Transactions on Nuclear Science</i> , 2014, 61, 2040-2044.	1.2	10
8	The Potential of Using Li-Ion Batteries for Radiation Detection. <i>IEEE Transactions on Nuclear Science</i> , 2013, 60, 662-667.	1.2	5
9	Study of GaN radiation sensor after in-core neutron irradiation. , 2013, , .		1
10	A neutron flux monitor for a reactor neutron beam facility. , 2012, , .		0