

# 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

1307594

7  
h-index

1588992

8  
g-index

16  
all docs

16  
docs citations

16  
times ranked

9037  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electron-hole diffusion lengths $> 175 \mu\text{m}$ in solution-grown $\text{CH}_3\text{NH}_3\text{PbI}_3$ single crystals. Science, 2015, 347, 967-970.	12.6	4,642
2	Sensitive X-ray detectors made of methylammonium lead tribromide perovskite single crystals. Nature Photonics, 2016, 10, 333-339.	31.4	1,271
3	Review of using gallium nitride for ionizing radiation detection. Applied Physics Reviews, 2015, 2, .	11.3	73
4	Evaluation of freestanding GaN as an alpha and neutron detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 719, 13-16.	1.6	34
5	Bulk GaN alpha-particle detector with large depletion region and improved energy resolution. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 849, 11-15.	1.6	25
6	Neutron depth profiling of Li-ion cell electrodes with a gas-controlled environment. Journal of Power Sources, 2014, 248, 489-497.	7.8	21
7	Study of GaN Radiation Sensor After In-core Neutron Irradiation. IEEE Transactions on Nuclear Science, 2014, 61, 2040-2044.	2.0	10
8	The Potential of Using Li-Ion Batteries for Radiation Detection. IEEE Transactions on Nuclear Science, 2013, 60, 662-667.	2.0	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