

# 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  | 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        |
| 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  | 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     |
| 5  | Neutron depth profiling of Li-ion cell electrodes with a gas-controlled environment. Journal of Power Sources, 2014, 248, 489-497.  | 7.8  | 21        |
| 6  | Study of GaN Radiation Sensor After In-core Neutron Irradiation. IEEE Transactions on Nuclear Science, 2014, 61, 2040-2044.   | 2.0  | 10        |
| 7  | The Potential of Using Li-Ion Batteries for Radiation Detection. IEEE Transactions on Nuclear Science, 2013, 60, 662-667.   | 2.0  | 5         |
| 8  | 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        |
| 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         |