

# Edrine Damulira

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5618360/publications.pdf>

Version: 2024-02-01

8  
papers

63  
citations

2258059

3  
h-index

1588992

8  
g-index

8  
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8  
docs citations

8  
times ranked

82  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Review: Photonic Devices Used for Dosimetry in Medical Radiation. <i>Sensors</i> , 2019, 19, 2226.	3.8	42
2	Application of Bpw34 photodiode and cold white LED as diagnostic X-ray detectors: A comparative analysis. <i>Applied Radiation and Isotopes</i> , 2021, 170, 109622.	1.5	5
3	Radiation dosimetry in medicine using II-VI semiconductors. <i>Journal of Radiation Research and Applied Sciences</i> , 2022, 15, 72-82.	1.2	4
4	Comparison of Current-Voltage Response to Diagnostic X-rays of Five Light-Emitting Diode Strips. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 200.	2.5	3
5	Development and characterization of an LED-based detector for dosimetry in diagnostic radiology. <i>Physics in Medicine and Biology</i> , 2021, 66, 085001.	3.0	3
6	Current-Voltage Response of Cold White LED Strip to Radiotherapeutic Electron and Photon Beams: A Preliminary Study. <i>Journal of Physics: Conference Series</i> , 2020, 1505, 012008.	0.4	2
7	Amplification of Radiation-Induced Signal of LED Strip by Increasing Number of LED Chips and Using Amplifier Board. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 651.	2.5	2
8	Evaluation of volumetric modulated arc therapy (VMAT) based total body irradiation (TBI) in pediatric patients. <i>Reports of Practical Oncology and Radiotherapy</i> , 2021, 26, 518-527.	0.6	2