

# Dean Wilkinson

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8190293/publications.pdf>

Version: 2024-02-01

14  
papers

206  
citations

1162889

8  
h-index

1058333

14  
g-index

15  
all docs

15  
docs citations

15  
times ranked

290  
citing authors

#	ARTICLE	IF	CITATIONS
1	A multi-institutional dosimetry audit of rotational intensity-modulated radiotherapy. <i>Radiotherapy and Oncology</i> , 2014, 113, 272-278.	0.3	49
2	IDEAL-CRT: A Phase 1/2 Trial of Isotoxic Dose-Escalated Radiation Therapy and Concurrent Chemotherapy in Patients With Stage II/III Non-Small Cell Lung Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 95, 1367-1377.	0.4	41
3	Investigation of the radiation dose from cone-beam CT for image-guided radiotherapy: A comparison of methodologies. <i>Journal of Applied Clinical Medical Physics</i> , 2018, 19, 174-183.	0.8	21
4	Evaluation of the PTW microDiamond in edge-on orientation for dosimetry in small fields. <i>Journal of Applied Clinical Medical Physics</i> , 2020, 21, 278-288.	0.8	19
5	Characterization of an organic semiconductor diode for dosimetry in radiotherapy. <i>Medical Physics</i> , 2020, 47, 3658-3668.	1.6	15
6	Polymer Photodetectors for Printable, Flexible, and Fully Tissue Equivalent X-Ray Detection with Zero-Bias Operation and Ultrafast Temporal Responses. <i>Advanced Materials Technologies</i> , 2021, 6, 2001298.	3.0	15
7	Characterization of a plastic dosimeter based on organic semiconductor photodiodes and scintillator. <i>Physics and Imaging in Radiation Oncology</i> , 2020, 14, 48-52.	1.2	13
8	Temporal separation of Cherenkov radiation and scintillation using artificial neural networks in Clinical LINACs. <i>Physica Medica</i> , 2018, 54, 131-136.	0.4	9
9	An algorithmic approach to single-probe Cherenkov removal in pulsed x-ray beams. <i>Medical Physics</i> , 2019, 46, 1833-1839.	1.6	8
10	Temporal separation of Cherenkov radiation and scintillation using a clinical LINAC and artificial intelligence. <i>Physics in Medicine and Biology</i> , 2018, 63, 225004.	1.6	7
11	2D photon dosimetry with a scintillation fibre optic dosimeter. <i>Radiation Physics and Chemistry</i> , 2020, 166, 108490.	1.4	3
12	eXaSkin: A novel high-density bolus for 6MV X-rays radiotherapy. <i>Physica Medica</i> , 2020, 80, 42-46.	0.4	3
13	A Large Area Pixelated Silicon Array Detector for Independent Transit In Vivo Dosimetry. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 537.	1.3	2
14	A comprehensive evaluation of the quality and complexity of prostate IMRT and VMAT plans generated by an automated inverse planning tool. <i>Journal of Radiotherapy in Practice</i> , 2022, 21, 506-512.	0.2	1