

# Martin Butson

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1310741/publications.pdf>

Version: 2024-02-01

15  
papers

283  
citations

1478505  
6  
h-index

996975  
15  
g-index

16  
all docs

16  
docs citations

16  
times ranked

281  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dose response of various radiation detectors to synchrotron radiation. Physics in Medicine and Biology, 1998, 43, 3235-3259.	3.0	127
2	TLD extrapolation for skin dose determination in vivo. Radiotherapy and Oncology, 1996, 41, 119-123.	0.6	53
3	An experimental extrapolation technique using the Gafchromic EBT3 film for relative output factor measurements in small x-ray fields. Medical Physics, 2016, 43, 4687-4692.	3.0	32
4	Scanner uniformity improvements for radiochromic film analysis with matt reflectance backing. Australasian Physical and Engineering Sciences in Medicine, 2011, 34, 401-407.	1.3	22
5	Measurement and effects of MOSKIN detectors on skin dose during high energy radiotherapy treatment. Australasian Physical and Engineering Sciences in Medicine, 2012, 35, 321-328.	1.3	10
6	Practical time considerations for optically stimulated luminescent dosimetry (OSLD) in total body irradiation. Australasian Physical and Engineering Sciences in Medicine, 2017, 40, 167-171.	1.3	10
7	Monte Carlo calculated output correction factors for Gafchromic EBT3 film for relative dosimetry in small stereotactic radiosurgery fields. Physical and Engineering Sciences in Medicine, 2020, 43, 609-616.	2.4	6
8	Build-up material requirements in clinical dosimetry during total body irradiation treatments. Journal of Medical Physics, 2016, 41, 149.	0.3	5
9	Reducing shield thickness and backscattered radiation using a multilayered shield for 6â€¹10ÂMeV electron beams. Australasian Physical and Engineering Sciences in Medicine, 2015, 38, 619-626.	1.3	4
10	A comparison between EPSON V700 and EPSON V800 scanners for film dosimetry. Physical and Engineering Sciences in Medicine, 2020, 43, 205-212.	2.4	4
11	A novel extrapolation method using OSL detectors for very small field output factor measurement for stereotactic radiosurgery. Physical and Engineering Sciences in Medicine, 2020, 43, 593-599.	2.4	2
12	Effect of scanner lens on lateral response artefact in radiochromic film dosimetry. Physical and Engineering Sciences in Medicine, 2022, 45, 721-727.	2.4	2
13	Characterization of a novel scale maille contralateral breast shield: SMART Armor. Journal of Applied Clinical Medical Physics, 2017, 18, 220-224.	1.9	1
14	Skin and build up dose determination for a 2.5 MV medical linear accelerator imaging beam. Australasian Physical and Engineering Sciences in Medicine, 2019, 42, 1177-1181.	1.3	1
15	Variations in daily quality assurance dosimetry from device levelling, feet position and backscatter material. Australasian Physical and Engineering Sciences in Medicine, 2012, 35, 485-489.	1.3	0