

Martin Butson

List of Publications by Year in descending order

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

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15
papers

283
citations

1477746

6
h-index

996533

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. <i>Physics in Medicine and Biology</i> , 1998, 43, 3235-3259.	1.6	127
2	TLD extrapolation for skin dose determination in vivo. <i>Radiotherapy and Oncology</i> , 1996, 41, 119-123.	0.3	53
3	An experimental extrapolation technique using the Gafchromic EBT3 film for relative output factor measurements in small x-ray fields. <i>Medical Physics</i> , 2016, 43, 4687-4692.	1.6	32
4	Scanner uniformity improvements for radiochromic film analysis with matt reflectance backing. <i>Australasian Physical and Engineering Sciences in Medicine</i> , 2011, 34, 401-407.	1.4	22
5	Measurement and effects of MOSKIN detectors on skin dose during high energy radiotherapy treatment. <i>Australasian Physical and Engineering Sciences in Medicine</i> , 2012, 35, 321-328.	1.4	10
6	Practical time considerations for optically stimulated luminescent dosimetry (OSLD) in total body irradiation. <i>Australasian Physical and Engineering Sciences in Medicine</i> , 2017, 40, 167-171.	1.4	10
7	Monte Carlo calculated output correction factors for Gafchromic EBT3 film for relative dosimetry in small stereotactic radiosurgery fields. <i>Physical and Engineering Sciences in Medicine</i> , 2020, 43, 609-616.	1.3	6
8	Build-up material requirements in clinical dosimetry during total body irradiation treatments. <i>Journal of Medical Physics</i> , 2016, 41, 149.	0.1	5
9	Reducing shield thickness and backscattered radiation using a multilayered shield for $6\text{--}10\text{ MeV}$ electron beams. <i>Australasian Physical and Engineering Sciences in Medicine</i> , 2015, 38, 619-626.	1.4	4
10	A comparison between EPSON V700 and EPSON V800 scanners for film dosimetry. <i>Physical and Engineering Sciences in Medicine</i> , 2020, 43, 205-212.	1.3	4
11	A novel extrapolation method using OSL detectors for very small field output factor measurement for stereotactic radiosurgery. <i>Physical and Engineering Sciences in Medicine</i> , 2020, 43, 593-599.	1.3	2
12	Effect of scanner lens on lateral response artefact in radiochromic film dosimetry. <i>Physical and Engineering Sciences in Medicine</i> , 2022, 45, 721-727.	1.3	2
13	Characterization of a novel scale maille contralateral breast shield: SMART Armor. <i>Journal of Applied Clinical Medical Physics</i> , 2017, 18, 220-224.	0.8	1
14	Skin and build up dose determination for a 2.5 MV medical linear accelerator imaging beam. <i>Australasian Physical and Engineering Sciences in Medicine</i> , 2019, 42, 1177-1181.	1.4	1
15	Variations in daily quality assurance dosimetry from device levelling, feet position and backscatter material. <i>Australasian Physical and Engineering Sciences in Medicine</i> , 2012, 35, 485-489.	1.4	0