

# Robin Hill

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

607  
citations

932766

10  
h-index

794141

19  
g-index

21  
all docs

21  
docs citations

21  
times ranked

523  
citing authors

#	ARTICLE	IF	CITATIONS
1	An evaluation of solid state detectors for the relative dosimetry of kilovoltage X-ray beams. Medical Physics, 2022, 49, 4082-4091.	1.6	3
2	Dosimetric Comparison of VMAT and IMRT Pre-Operative Radiotherapy for Soft Tissue Sarcoma of the Extremities. Practical Radiation Oncology, 2022, , .	1.1	1
3	Kilovoltage therapy is well and truly alive and needed in a modern radiotherapy centre. Physical and Engineering Sciences in Medicine, 2021, 44, 341-345.	1.3	2
4	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.	1.3	2
5	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.	1.3	6
6	A study on the suitability of the PTW microDiamond detector for kilovoltage x-ray beam dosimetry. Applied Radiation and Isotopes, 2018, 135, 104-109.	0.7	22
7	Australasian recommendations for quality assurance in kilovoltage radiation therapy from the Kilovoltage Dosimetry Working Group of the Australasian College of Physical Scientists and Engineers in Medicine. Australasian Physical and Engineering Sciences in Medicine, 2018, 41, 781-808.	1.4	15
8	Practical time considerations for optically stimulated luminescent dosimetry (OSLD) in total body irradiation. Australasian Physical and Engineering Sciences in Medicine, 2017, 40, 167-171.	1.4	10
9	Kilovoltage X-ray beam dosimetry and imaging. , 2017, , 81-100.		2
10	Extrapolated skin dose assessment with optically stimulated luminescent dosimeters. Biomedical Physics and Engineering Express, 2016, 2, 047001.	0.6	4
11	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.	1.6	32
12	Radiation dose measurements of an on-board imager X-ray unit using optically-stimulated luminescence dosimeters. Australasian Physical and Engineering Sciences in Medicine, 2015, 38, 665-669.	1.4	3
13	Dosimetry of cone-defined stereotactic radiosurgery fields with a commercial synthetic diamond detector. Medical Physics, 2014, 41, 111702.	1.6	55
14	Advances in kilovoltage x-ray beam dosimetry. Physics in Medicine and Biology, 2014, 59, R183-R231.	1.6	133
15	A study on the use of Gafchromic EBT3 film for output factor measurements in kilovoltage X-ray beams. Australasian Physical and Engineering Sciences in Medicine, 2013, 36, 465-471.	1.4	10
16	An evaluation of calculation parameters in the EGSnrc/BEAMnrc Monte Carlo codes and their effect on surface dose calculation. Physics in Medicine and Biology, 2012, 57, N267-N278.	1.6	18
17	Radiological characterization and water equivalency of genipin gel for x-ray and electron beam dosimetry. Physics in Medicine and Biology, 2011, 56, 4685-4699.	1.6	30
18	Investigation of radiological properties and water equivalency of PRESAGE <sup>®</sup> dosimeters. Medical Physics, 2011, 38, 2265-2274.	1.6	79

#	ARTICLE	IF	CITATIONS
19	The water equivalence of solid phantoms for low energy photon beams. Medical Physics, 2010, 37, 4355-4363.	1.6	87
20	An evaluation of ionization chambers for the relative dosimetry of kilovoltage x-ray beams. Medical Physics, 2009, 36, 3971-3981.	1.6	77
21	An investigation of dose changes for therapeutic kilovoltage x-ray beams with underlying lead shielding. Medical Physics, 2007, 34, 3045-3053.	1.6	16