

Pablo Carrasco

List of Publications by Year in descending order

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papers

681
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687363

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675
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#	ARTICLE	IF	CITATIONS
1	Establishment and validation of surface model for biodosimetry based on $\hat{\Gamma}^3$ -H2AX foci detection. International Journal of Radiation Biology, 2022, 98, 1-10.	1.8	6
2	Pseudo skin flash on VMAT in breast radiotherapy: Optimization of virtual bolus thickness and HU values. Physica Medica, 2019, 63, 56-62.	0.7	22
3	Characterization of the Exradin W1 scintillator for use in radiotherapy. Medical Physics, 2015, 42, 297-304.	3.0	102
4	Response to "Comment on "Characterization of the Exradin W1 scintillator for use in radiotherapy" [Med. Phys. 42, 297-304 (2015)]. Medical Physics, 2015, 42, 4417-4418.	3.0	7
5	Determination of the optimal tolerance for MLC positioning in sliding window and VMAT techniques. Medical Physics, 2015, 42, 1911-1916.	3.0	15
6	Multicentre validation of IMRT pre-treatment verification: Comparison of in-house and external audit. Radiotherapy and Oncology, 2014, 112, 381-388.	0.6	25
7	3D DVH-based metric analysis versus per-beam planar analysis in IMRT pretreatment verification. Medical Physics, 2012, 39, 5040-5049.	3.0	90
8	Radiation dose assessment in a 320-detector-row CT scanner used in cardiac imaging. Medical Physics, 2011, 38, 1473-1480.	3.0	8
9	Ionizing radiation or mitomycin-induced micronuclei in lymphocytes of BRCA1 or BRCA2 mutation carriers. Breast Cancer Research and Treatment, 2011, 127, 611-622.	2.5	18
10	Monte Carlo simulation of MOSFET detectors for high-energy photon beams using the PENELOPE code. Physics in Medicine and Biology, 2007, 52, 303-316.	3.0	25
11	Comparison of dose calculation algorithms in slab phantoms with cortical bone equivalent heterogeneities. Medical Physics, 2007, 34, 3323-3333.	3.0	50
12	Monte Carlo based water/medium stopping-power ratios for various ICRP and ICRU tissues. Physics in Medicine and Biology, 2007, 52, 6475-6483.	3.0	26
13	Dose evaluation in lung-equivalent media in high-energy photon external radiotherapy. Radiation Protection Dosimetry, 2006, 120, 43-47.	0.8	14
14	Pantak Therapax SXT 150: performance assessment and dose determination using IAEA TRS-398 protocol. British Journal of Radiology, 2005, 78, 721-732.	2.2	15
15	Comparison study of MOSFET detectors and diodes for entrance in vivo dosimetry in 18 MV x-ray beams. Medical Physics, 2004, 31, 2534-2542.	3.0	79
16	Comparison of dose calculation algorithms in phantoms with lung equivalent heterogeneities under conditions of lateral electronic disequilibrium. Medical Physics, 2004, 31, 2899-2911.	3.0	179