

Pablo Carrasco

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6172933/publications.pdf>

Version: 2024-02-01

16
papers

681
citations

687363

13
h-index

940533

16
g-index

16
all docs

16
docs citations

16
times ranked

675
citing authors

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