

Daniela Poppinga

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

176
citations

1307594
7
h-index

1588992
8
g-index

9
all docs

9
docs citations

9
times ranked

139
citing authors

#	ARTICLE	IF	CITATIONS
1	The European Joint Research Project UHDpulse “ Metrology for advanced radiotherapy using particle beams with ultra-high pulse dose rates. <i>Physica Medica</i> , 2020, 80, 134-150.	0.7	71
2	Ion collection efficiency of ionization chambers in ultra-high dose-rate pulse electron beams. <i>Medical Physics</i> , 2021, 48, 819-830.	3.0	37
3	Calorimeter for Real-Time Dosimetry of Pulsed Ultra-High Dose Rate Electron Beams. <i>Frontiers in Physics</i> , 2020, 8, .	2.1	17
4	Response of diamond detectors in ultra-high dose-per-pulse electron beams for dosimetry at FLASH radiotherapy. <i>Physics in Medicine and Biology</i> , 2022, 67, 075002.	3.0	17
5	VHEE beam dosimetry at CERN Linear Electron Accelerator for Research under ultra-high dose rate conditions. <i>Biomedical Physics and Engineering Express</i> , 2021, 7, 015012.	1.2	16
6	The 1D lateral dose response functions of photon-dosimetry detectors in magnetic fields” measurement and Monte-Carlo simulation. <i>Physics in Medicine and Biology</i> , 2018, 63, 195002.	3.0	9
7	Evaluation of the RUBY modular QA phantom for planar and non-coplanar VMAT and stereotactic radiations. <i>Journal of Applied Clinical Medical Physics</i> , 2020, 21, 69-79.	1.9	7
8	Systematic end-to-end testing of multiple target treatments using the modular RUBY phantom. <i>Biomedical Physics and Engineering Express</i> , 2022, 8, 015018.	1.2	1
9	Artificial intelligence based deconvolving on megavoltage photon beam profiles for radiotherapy applications. <i>Physics in Medicine and Biology</i> , 2022, 67, 06NT01.	3.0	1