

Nolan Esplen

List of Publications by Year in descending order

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papers

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all docs

9
docs citations

9
times ranked

281
citing authors

#	ARTICLE	IF	CITATIONS
1	Physics and biology of ultrahigh dose-rate (FLASH) radiotherapy: a topical review. <i>Physics in Medicine and Biology</i> , 2020, 65, 23TR03.	1.6	135
2	On the capabilities of conventional x-ray tubes to deliver ultra-high (FLASH) dose rates. <i>Medical Physics</i> , 2019, 46, 5690-5695.	1.6	43
3	Technical Note: Manufacturing of a realistic mouse phantom for dosimetry of radiobiology experiments. <i>Medical Physics</i> , 2019, 46, 1030-1036.	1.6	10
4	Monte Carlo simulations of EBT3 film dose deposition for percentage depth dose (PDD) curve evaluation. <i>Journal of Applied Clinical Medical Physics</i> , 2020, 21, 314-324.	0.8	9
5	Initial Evaluation of the Performance of Novel Inorganic Scintillating Detectors for Small Animal Irradiation Dosimetry. <i>IEEE Sensors Journal</i> , 2020, 20, 4704-4712.	2.4	9
6	Design optimization of an electron-to-photon conversion target for ultra-high dose rate x-ray (FLASH) experiments at TRIUMF. <i>Physics in Medicine and Biology</i> , 2022, 67, 105003.	1.6	9
7	Monte Carlo optimization of a microbeam collimator design for use on the small animal radiation research platform (SARRP). <i>Physics in Medicine and Biology</i> , 2018, 63, 175004.	1.6	8
8	Preclinical dose verification using a 3D printed mouse phantom for radiobiology experiments. <i>Medical Physics</i> , 2019, 46, 5294-5303.	1.6	6
9	Lead-doped scintillator dosimeters for detection of ultrahigh dose-rate x-rays. <i>Physics in Medicine and Biology</i> , 2022, 67, 105007.	1.6	2