

Nolan Esplen

List of Publications by Year in descending order

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9
papers

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1306789

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1473754

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281
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	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
6	Preclinical dose verification using a 3D printed mouse phantom for radiobiology experiments. <i>Medical Physics</i> , 2019, 46, 5294-5303.	1.6	6
7	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
8	Technical Note: Manufacturing of a realistic mouse phantom for dosimetry of radiobiology experiments. <i>Medical Physics</i> , 2019, 46, 1030-1036.	1.6	10
9	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