

Christopher R Peeler

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8817151/publications.pdf>

Version: 2024-02-01

8
papers

548
citations

1306789

7
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1473754

9
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9
all docs

9
docs citations

9
times ranked

696
citing authors

#	ARTICLE	IF	CITATIONS
1	Clinical evidence of variable proton biological effectiveness in pediatric patients treated for ependymoma. <i>Radiotherapy and Oncology</i> , 2016, 121, 395-401.	0.3	210
2	Spatial mapping of the biologic effectiveness of scanned particle beams: towards biologically optimized particle therapy. <i>Scientific Reports</i> , 2015, 5, 9850.	1.6	117
3	Analysis of the track- and dose-averaged LET and LET spectra in proton therapy using the <i>scpgant</i> Monte Carlo code. <i>Medical Physics</i> , 2015, 42, 6234-6247.	1.6	103
4	Radiobiological issues in proton therapy. <i>Acta Oncologica</i> , 2017, 56, 1367-1373.	0.8	71
5	Optimization of Monte Carlo particle transport parameters and validation of a novel high throughput experimental setup to measure the biological effects of particle beams. <i>Medical Physics</i> , 2017, 44, 6061-6073.	1.6	20
6	A model for relative biological effectiveness of therapeutic proton beams based on a global fit of cell survival data. <i>Scientific Reports</i> , 2017, 7, 8340.	1.6	13
7	A framework for voxel-based assessment of biological effect after proton radiotherapy in pediatric brain cancer patients using multi-modal imaging. <i>Medical Physics</i> , 2021, 48, 4110-4121.	1.6	11
8	Monte Carlo study of radial energy deposition from primary and secondary particles for narrow and large proton beamlet source models. <i>Physics in Medicine and Biology</i> , 2012, 57, 3785-3792.	1.6	2