

Eivind RÃrvik

List of Publications by Year in descending order

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9
papers

193
citations

1478505

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1474206

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g-index

9
all docs

9
docs citations

9
times ranked

253
citing authors

#	ARTICLE	IF	CITATIONS
1	Exploration and application of phenomenological RBE models for proton therapy. <i>Physics in Medicine and Biology</i> , 2018, 63, 185013.	3.0	86
2	A phenomenological biological dose model for proton therapy based on linear energy transfer spectra. <i>Medical Physics</i> , 2017, 44, 2586-2594.	3.0	33
3	Monte Carlo simulations of a low energy proton beamline for radiobiological experiments. <i>Acta Oncologica</i> , 2017, 56, 779-786.	1.8	24
4	Modelling of organ-specific radiation-induced secondary cancer risks following particle therapy. <i>Radiotherapy and Oncology</i> , 2016, 120, 300-306.	0.6	14
5	The FLUKA Monte Carlo code coupled with an OER model for biologically weighted dose calculations in proton therapy of hypoxic tumors. <i>Physica Medica</i> , 2020, 76, 166-172.	0.7	13
6	Inter-patient variations in relative biological effectiveness for cranio-spinal irradiation with protons. <i>Scientific Reports</i> , 2020, 10, 6212.	3.3	8
7	Variation in relative biological effectiveness for cognitive structures in proton therapy of pediatric brain tumors. <i>Acta Oncologica</i> , 2021, 60, 267-274.	1.8	6
8	The Organ Sparing Potential of Different Biological Optimization Strategies in Proton Therapy. <i>Advances in Radiation Oncology</i> , 2021, 6, 100776.	1.2	5
9	The experimental dose ranges influence the LET _d dependency of the proton minimum RBE (RBE _{min}). <i>Physics in Medicine and Biology</i> , 2019, 64, 195001.	3.0	4