

Eivind RÃrvik

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

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citations

1478505

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1474206

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docs citations

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times ranked

253
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|--|-----|-----------|
| 1 | 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 |
| 2 | The Organ Sparing Potential of Different Biological Optimization Strategies in Proton Therapy. <i>Advances in Radiation Oncology</i> , 2021, 6, 100776. | 1.2 | 5 |
| 3 | 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 |
| 4 | Inter-patient variations in relative biological effectiveness for cranio-spinal irradiation with protons. <i>Scientific Reports</i> , 2020, 10, 6212. | 3.3 | 8 |
| 5 | 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 |
| 6 | Exploration and application of phenomenological RBE models for proton therapy. <i>Physics in Medicine and Biology</i> , 2018, 63, 185013. | 3.0 | 86 |
| 7 | Monte Carlo simulations of a low energy proton beamline for radiobiological experiments. <i>Acta Oncologica</i> , 2017, 56, 779-786. | 1.8 | 24 |
| 8 | 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 |
| 9 | Modelling of organ-specific radiation-induced secondary cancer risks following particle therapy. <i>Radiotherapy and Oncology</i> , 2016, 120, 300-306. | 0.6 | 14 |