

Thomas Bortfeld

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

780
citations

1307594

7
h-index

1588992

8
g-index

9
all docs

9
docs citations

9
times ranked

1648
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|---|------|-----------|
| 1 | Probabilistic definition of the clinical target volume—implications for tumor control probability modeling and optimization. <i>Physics in Medicine and Biology</i> , 2021, 66, 01NT01. | 3.0 | 5 |
| 2 | Conic formulation of fluence map optimization problems. <i>Physics in Medicine and Biology</i> , 2021, 66, 225016. | 3.0 | 2 |
| 3 | Grand challenges for medical physics in radiation oncology. <i>Radiotherapy and Oncology</i> , 2020, 153, 7-14. | 0.6 | 33 |
| 4 | The role of computational methods for automating and improving clinical target volume definition. <i>Radiotherapy and Oncology</i> , 2020, 153, 15-25. | 0.6 | 31 |
| 5 | Automated delineation of the clinical target volume using anatomically constrained 3D expansion of the gross tumor volume. <i>Radiotherapy and Oncology</i> , 2020, 146, 37-43. | 0.6 | 31 |
| 6 | Optimal treatment plan adaptation using mid-treatment imaging biomarkers. <i>Physics in Medicine and Biology</i> , 2020, 65, 245011. | 3.0 | 10 |
| 7 | Optimal combined proton—photon therapy schemes based on the standard BED model. <i>Physics in Medicine and Biology</i> , 2019, 64, 065011. | 3.0 | 12 |
| 8 | The clinical target distribution: a probabilistic alternative to the clinical target volume. <i>Physics in Medicine and Biology</i> , 2018, 63, 155001. | 3.0 | 20 |
| 9 | Radiation oncology in the era of precision medicine. <i>Nature Reviews Cancer</i> , 2016, 16, 234-249. | 28.4 | 636 |