

Francesca Albertini

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

860
citations

471061

17
h-index

610482

24
g-index

24
all docs

24
docs citations

24
times ranked

885
citing authors

#	ARTICLE	IF	CITATIONS
1	An approach for estimating dosimetric uncertainties in deformable dose accumulation in pencil beam scanning proton therapy for lung cancer. <i>Physics in Medicine and Biology</i> , 2021, 66, .	1.6	14
2	Dosimetric influence of deformable image registration uncertainties on propagated structures for online daily adaptive proton therapy of lung cancer patients. <i>Radiotherapy and Oncology</i> , 2021, 159, 136-143.	0.3	16
3	Experimental validation of daily adaptive proton therapy. <i>Physics in Medicine and Biology</i> , 2021, 66, 205010.	1.6	13
4	Radiation-induced optic neuropathy after pencil beam scanning proton therapy for skull-base and head and neck tumours. <i>British Journal of Radiology</i> , 2020, 93, 20190028.	1.0	20
5	Online daily adaptive proton therapy. <i>British Journal of Radiology</i> , 2020, 93, 20190594.	1.0	80
6	Deformable image registration uncertainty for inter-fractional dose accumulation of lung cancer proton therapy. <i>Radiotherapy and Oncology</i> , 2020, 147, 178-185.	0.3	39
7	Daily Adaptive Proton Therapy: Is it Appropriate to Use Analytical Dose Calculations for Plan Adaption?. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 107, 747-755.	0.4	16
8	Shortening delivery times for intensity-modulated proton therapy by reducing the number of proton spots: an experimental verification. <i>Physics in Medicine and Biology</i> , 2020, 65, 095008.	1.6	17
9	Daily adaptive proton therapy â€” the key to innovative planning approaches for paranasal cancer treatments. <i>Acta OncolÃ³gica</i> , 2019, 58, 1423-1428.	0.8	32
10	Intensity modulated proton therapy plan generation in under ten seconds. <i>Acta OncolÃ³gica</i> , 2019, 58, 1435-1439.	0.8	29
11	Long-Term Outcomes and Prognostic Factors After Pencil-Beam Scanning Proton Radiation Therapy for Spinal Chordomas: A Large, Single-Institution Cohort. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 101, 226-233.	0.4	35
12	Anatomical robust optimization to account for nasal cavity filling variation during intensity-modulated proton therapy: a comparison with conventional and adaptive planning strategies. <i>Physics in Medicine and Biology</i> , 2018, 63, 025020.	1.6	38
13	Long term outcome of skull-base chondrosarcoma patients treated with high-dose proton therapy with or without conventional radiation therapy. <i>Radiotherapy and Oncology</i> , 2018, 129, 520-526.	0.3	37
14	Effect of Anatomic Changes on Pencil Beam Scanned Proton Dose Distributions for Cranial and Extracranial Tumors. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 97, 616-623.	0.4	38
15	Clinical and Radiologic Outcomes in Adults and Children Treated with Pencil-Beam Scanning Proton Therapy for Low-Grade Glioma. <i>International Journal of Particle Therapy</i> , 2017, 3, 450-460.	0.9	7
16	Long term outcomes of patients with skull-base low-grade chondrosarcoma and chordoma patients treated with pencil beam scanning proton therapy. <i>Radiotherapy and Oncology</i> , 2016, 120, 169-174.	0.3	136
17	Tumour control and Quality of Life in children with rhabdomyosarcoma treated with pencil beam scanning proton therapy. <i>Radiotherapy and Oncology</i> , 2016, 120, 163-168.	0.3	46
18	Pencil Beam Scanning Proton Therapy for Pediatric Parameningeal Rhabdomyosarcomas: Clinical Outcome of Patients Treated at the Paul Scherrer Institute. <i>Pediatric Blood and Cancer</i> , 2016, 63, 1731-1736.	0.8	34

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19	Evaluation of Robustness to Setup and Range Uncertainties for Head and Neck Patients Treated With Pencil Beam Scanning Proton Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 95, 154-162.	0.4	33
20	Incorporating the effect of fractionation in the evaluation of proton plan robustness to setup errors. <i>Physics in Medicine and Biology</i> , 2016, 61, 413-429.	1.6	33
21	Long-term outcomes and prognostic factors of skull-base chondrosarcoma patients treated with pencil-beam scanning proton therapy at the Paul Scherrer Institute. <i>Neuro-Oncology</i> , 2016, 18, 236-243.	0.6	51
22	OP18LONG TERM OUTCOMES OF SKULL-BASE LOW-GRADE CHONDROSARCOMA PATIENTS TREATED WITH PENCIL BEAM SCANNING PROTON THERAPY AT THE PAUL SCHERRER INSTITUTE. <i>Neuro-Oncology</i> , 2015, 17, viii3.4-viii3.	0.6	3
23	Tumor control and QoL outcomes of very young children with atypical teratoid/rhabdoid Tumor treated with focal only chemo-radiation therapy using pencil beam scanning proton therapy. <i>Journal of Neuro-Oncology</i> , 2015, 121, 389-397.	1.4	35
24	Sensitivity of intensity modulated proton therapy plans to changes in patient weight. <i>Radiotherapy and Oncology</i> , 2008, 86, 187-194.	0.3	58