

Jenny Bertholet

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7626639/publications.pdf>

Version: 2024-02-01

32
papers

643
citations

567144

15
h-index

580701

25
g-index

32
all docs

32
docs citations

32
times ranked

673
citing authors

#	ARTICLE	IF	CITATIONS
1	The 3rd ESTRO-EFOMP core curriculum for medical physics experts in radiotherapy. Radiotherapy and Oncology, 2022, 170, 89-94.	0.3	11
2	Development of a Monte Carlo based robustness calculation and evaluation tool. Medical Physics, 2022, 49, 4780-4793.	1.6	2
3	Establishing a benchmark of diversity, equity, inclusion and workforce engagement in radiation oncology in Europe – An ESTRO collaborative project. Radiotherapy and Oncology, 2022, 171, 198-204.	0.3	4
4	Organ-at-risk sparing with dynamic trajectory radiotherapy for head and neck cancer: comparison with volumetric arc therapy on a publicly available library of cases. Radiation Oncology, 2022, 17, .	1.2	1
5	Towards an updated ESTRO-EFOMP core curriculum for education and training of medical physics experts in radiotherapy – A survey of current education and training practice in Europe. Physica Medica, 2021, 84, 65-71.	0.4	8
6	Alexithymia and professional quality of life in radiation oncology: The moderator effect of the professional profile. Radiotherapy and Oncology, 2021, 158, 48-54.	0.3	5
7	Advances in Image-Guided Adaptive Radiation Therapy. International Journal of Radiation Oncology Biology Physics, 2021, 110, 625-628.	0.4	3
8	Professional practice changes in radiotherapy physics during the COVID-19 pandemic. Physics and Imaging in Radiation Oncology, 2021, 19, 25-32.	1.2	5
9	Image-guided Radiotherapy to Manage Respiratory Motion: Lung and Liver. Clinical Oncology, 2020, 32, 792-804.	0.6	33
10	Professional quality of life and burnout among medical physicists working in radiation oncology: The role of alexithymia and empathy. Physics and Imaging in Radiation Oncology, 2020, 15, 38-43.	1.2	22
11	The role of alexithymia and empathy on radiation therapists' professional quality of life. Technical Innovations and Patient Support in Radiation Oncology, 2020, 15, 29-36.	0.6	11
12	Professional quality of life and burnout amongst radiation oncologists: The impact of alexithymia and empathy. Radiotherapy and Oncology, 2020, 147, 162-168.	0.3	22
13	Consistent and invertible deformation vector fields for a breathing anthropomorphic phantom: a post-processing framework for the XCAT phantom. Physics in Medicine and Biology, 2020, 65, 165005.	1.6	17
14	Patterns of practice for adaptive and real-time radiation therapy (POP-ART RT) part I: Intra-fraction breathing motion management. Radiotherapy and Oncology, 2020, 153, 79-87.	0.3	34
15	Conducting research in Radiation Oncology remotely during the COVID-19 pandemic: Coping with isolation. Clinical and Translational Radiation Oncology, 2020, 24, 53-59.	0.9	14
16	Patterns of practice for adaptive and real-time radiation therapy (POP-ART RT) part II: Offline and online plan adaption for interfractional changes. Radiotherapy and Oncology, 2020, 153, 88-96.	0.3	50
17	Automatic reconstruction of the delivered dose of the day using MR-linac treatment log files and online MR imaging. Radiotherapy and Oncology, 2020, 145, 88-94.	0.3	52
18	First clinical real-time motion-including tumor dose reconstruction during radiotherapy delivery. Radiotherapy and Oncology, 2019, 139, 66-71.	0.3	21

#	ARTICLE	IF	CITATIONS
19	Real-time intrafraction motion monitoring in external beam radiotherapy. <i>Physics in Medicine and Biology</i> , 2019, 64, 15TR01.	1.6	130
20	Setup strategies and uncertainties in esophageal radiotherapy based on detailed intra- and interfractional tumor motion mapping. <i>Radiotherapy and Oncology</i> , 2019, 136, 161-168.	0.3	18
21	Comparison of the dose escalation potential for two hypofractionated radiotherapy regimens for locally advanced pancreatic cancer. <i>Clinical and Translational Radiation Oncology</i> , 2019, 16, 21-27.	0.9	4
22	In Reply to Dahele and Verbakel. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019, 103, 283-284.	0.4	1
23	Review of Real-Time 3-Dimensional Image Guided Radiation Therapy on Standard-Equipped Cancer Radiation Therapy Systems: Are We at the Tipping Point for the Era of Real-Time Radiation Therapy?. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 102, 922-931.	0.4	45
24	Automatic online and real-time tumour motion monitoring during stereotactic liver treatments on a conventional linac by combined optical and sparse monoscopic imaging with kilovoltage x-rays (COSMIK). <i>Physics in Medicine and Biology</i> , 2018, 63, 055012.	1.6	20
25	An interdimensional correlation framework for real-time estimation of six degree of freedom target motion using a single x-ray imager during radiotherapy. <i>Physics in Medicine and Biology</i> , 2018, 63, 015010.	1.6	4
26	OC-0631: First clinical demonstration of online real-time liver tumor motion monitoring on a standard linac. <i>Radiotherapy and Oncology</i> , 2018, 127, S335-S336.	0.3	0
27	Fully automatic segmentation of arbitrarily shaped fiducial markers in cone-beam CT projections. <i>Physics in Medicine and Biology</i> , 2017, 62, 1327-1341.	1.6	13
28	Cone beam CT-based set-up strategies with and without rotational correction for stereotactic body radiation therapy in the liver. <i>Acta Oncologica</i> , 2017, 56, 860-866.	0.8	17
29	Determination of the radiance of cylindrical light diffusers: design of a one-axis charge-coupled device camera-based goniometer setup. <i>Journal of Biomedical Optics</i> , 2017, 22, 035004.	1.4	4
30	Automated patient setup and gating using cone beam computed tomography projections. <i>Physics in Medicine and Biology</i> , 2016, 61, 2552-2561.	1.6	6
31	Time-Resolved Intrafraction Target Translations and Rotations During Stereotactic Liver Radiation Therapy: Implications for Marker-based Localization Accuracy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 95, 802-809.	0.4	42
32	Fiducial marker guided stereotactic liver radiotherapy: Is a time delay between marker implantation and planning CT needed?. <i>Radiotherapy and Oncology</i> , 2016, 121, 75-78.	0.3	24