

Anders AhnesjÃ¶

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

284
citations

1040056

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21
all docs

21
docs citations

21
times ranked

365
citing authors

#	ARTICLE	IF	CITATIONS
1	Robust treatment planning of dose painting for prostate cancer based on ADC-to-Gleason score mappings – what is the potential to increase the tumor control probability?. Acta OncolÅ³gica, 2021, 60, 199-206.	1.8	5
2	Evaluation of irregular breathing effects on internal target volume definition for lung cancer radiotherapy. Medical Physics, 2021, 48, 2136-2144.	3.0	4
3	Evaluation of four surface surrogates for modeling lung tumor positions over several fractions in radiotherapy. Journal of Applied Clinical Medical Physics, 2021, 22, 103-112.	1.9	3
4	Report of AAPM Task Group 155: Megavoltage photon beam dosimetry in small fields and non-equilibrium conditions. Medical Physics, 2021, 48, e886-e921.	3.0	50
5	Handling of beam spectra in training and application of proton RBE models. Physics in Medicine and Biology, 2021, 66, 185015.	3.0	1
6	Probabilistic optimization of dose coverage in radiotherapy. Physics and Imaging in Radiation Oncology, 2019, 10, 1-6.	2.9	7
7	Robust maximization of tumor control probability for radicality constrained radiotherapy dose painting by numbers of head and neck cancer. Physics and Imaging in Radiation Oncology, 2019, 12, 56-62.	2.9	5
8	Toward automated and personalized organ dose determination in <sc>CT</sc> examinations – A comparison of two tissue characterization models for Monte Carlo organ dose calculation with a Therapy Planning System. Medical Physics, 2019, 46, 1012-1023.	3.0	1
9	Dose painting of prostate cancer based on Gleason score correlations with apparent diffusion coefficients. Acta OncolÅ³gica, 2018, 57, 574-581.	1.8	18
10	Target Size Variation in Microdosimetric Distributions and its Impact on the Linear-Quadratic Parameterization of Cell Survival. Radiation Research, 2018, 190, 504.	1.5	4
11	Evaluation of two commercial <sc>CT</sc> metal artifact reduction algorithms for use in proton radiotherapy treatment planning in the head and neck area. Medical Physics, 2018, 45, 4329-4344.	3.0	41
12	Reproducibility of heart and thoracic wall position in repeated deep inspiration breath holds for radiotherapy of left-sided breast cancer patients. Acta OncolÅ³gica, 2018, 57, 1318-1324.	1.8	17
13	Collapsed cone dose calculations for heterogeneous tissues in brachytherapy using primary and scatter separation source data. Computer Methods and Programs in Biomedicine, 2017, 139, 17-29.	4.7	25
14	Dose painting by numbers based on retrospectively determined recurrence probabilities. Radiotherapy and Oncology, 2017, 122, 236-241.	0.6	22
15	Source modeling for Monte Carlo dose calculation of CT examinations with a radiotherapy treatment planning system. Medical Physics, 2016, 43, 6118-6128.	3.0	3
16	Energy deposition clustering as a functional radiation quality descriptor for modeling relative biological effectiveness. Medical Physics, 2016, 43, 6322-6335.	3.0	19
17	Proton and light ion RBE for the induction of direct DNA double strand breaks. Medical Physics, 2016, 43, 2131-2140.	3.0	20
18	Determination of subcellular compartment sizes for estimating dose variations in radiotherapy. Radiation Protection Dosimetry, 2015, 166, 361-364.	0.8	6

#	ARTICLE	IF	CITATIONS
19	How much will linked deformable registrations decrease the quality of multi-atlas segmentation fusions?. Radiation Oncology, 2014, 9, 251.	2.7	8
20	The IMRT information processâ€”mastering the degrees of freedom in external beam therapy. Physics in Medicine and Biology, 2006, 51, R381-R402.	3.0	23