

Anne Richter

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

449
citations

1306789

7
h-index

940134

16
g-index

20
all docs

20
docs citations

20
times ranked

591
citing authors

#	ARTICLE	IF	CITATIONS
1	Is a single arc sufficient in volumetric-modulated arc therapy (VMAT) for complex-shaped target volumes?. <i>Radiotherapy and Oncology</i> , 2009, 93, 259-265.	0.3	191
2	Feasibility Study for Markerless Tracking of Lung Tumors in Stereotactic Body Radiotherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2010, 78, 618-627.	0.4	68
3	Adaptive Radiotherapy for Locally Advanced Non-Small-Cell Lung Cancer Does Not Underdose the Microscopic Disease and has the Potential to Increase Tumor Control. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011, 81, e275-e282.	0.4	65
4	Effect of Breathing Motion in Radiotherapy of Breast Cancer. <i>Strahlentherapie Und Onkologie</i> , 2009, 185, 425-430.	1.0	38
5	Variability in spine radiosurgery treatment planning – results of an international multi-institutional study. <i>Radiation Oncology</i> , 2016, 11, 57.	1.2	15
6	Initial results for patient setup verification using transperineal ultrasound and cone beam CT in external beam radiation therapy of prostate cancer. <i>Radiation Oncology</i> , 2016, 11, 147.	1.2	11
7	Cone beam CT-based dose accumulation and analysis of delivered dose to the dominant intraprostatic lesion in primary radiotherapy of prostate cancer. <i>Radiation Oncology</i> , 2021, 16, 205.	1.2	11
8	Evaluation of a software module for adaptive treatment planning and re-irradiation. <i>Radiation Oncology</i> , 2017, 12, 205.	1.2	8
9	Evaluation of intrafraction prostate motion tracking using the Clarity Autoscan system for safety margin validation. <i>Zeitschrift Fur Medizinische Physik</i> , 2020, 30, 135-141.	0.6	8
10	Dosimetric evaluation of intrafractional tumor motion by means of a robot driven phantom. <i>Medical Physics</i> , 2011, 38, 5280-5289.	1.6	7
11	Impact of beam configuration on VMAT plan quality for Pinnacle3Auto-Planning for head and neck cases. <i>Radiation Oncology</i> , 2019, 14, 12.	1.2	7
12	Changes in penile bulb dose when using the Clarity transperineal ultrasound probe: A planning study. <i>Practical Radiation Oncology</i> , 2016, 6, e337-e344.	1.1	6
13	Non-rigid image registration of 4D-MRI data for improved delineation of moving tumors. <i>BMC Medical Imaging</i> , 2020, 20, 41.	1.4	4
14	Comparison of treatment plans for hypofractionated high-dose prostate cancer radiotherapy using the Varian Halcyon and the Elekta Synergy platforms. <i>Journal of Applied Clinical Medical Physics</i> , 2021, 22, 262-270.	0.8	3
15	Comparison of sliding window and field-in-field techniques for tangential whole breast irradiation using the Halcyon and Synergy Agility systems. <i>Radiation Oncology</i> , 2021, 16, 213.	1.2	3
16	Feasibility of 4D T2* quantification in the lung with oxygen gas challenge in patients with non-small cell lung cancer. <i>Physica Medica</i> , 2020, 72, 46-51.	0.4	2
17	Chemoradiotherapy by intensity-modulated radiation therapy with simultaneous integrated boost in locally advanced or oligometastatic non-small-cell lung cancer – a two center experience. <i>Strahlentherapie Und Onkologie</i> , 2021, 197, 405-415.	1.0	2