

Regina Bromley

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

300
citations

933447

10
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

489
citing authors

#	ARTICLE	IF	CITATIONS
1	The first clinical implementation of real-time image-guided adaptive radiotherapy using a standard linear accelerator. <i>Radiotherapy and Oncology</i> , 2018, 127, 6-11.	0.6	54
2	Dosimetric comparison of intensity modulated radiotherapy techniques and standard wedged tangents for whole breast radiotherapy*. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2009, 53, 92-99.	1.8	53
3	Real-Time Image Guided Ablative Prostate Cancer Radiation Therapy: Results From the TROG 15.01 SPARK Trial. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 107, 530-538.	0.8	33
4	Comparison of radiobiological parameters for 90Y radionuclide therapy (RNT) and external beam radiotherapy (EBRT) in vitro. <i>EJNMMI Physics</i> , 2018, 5, 18.	2.7	23
5	A preliminary investigation of cell growth after irradiation using a modulated x-ray intensity pattern. <i>Physics in Medicine and Biology</i> , 2006, 51, 3639-3651.	3.0	22
6	Initial experience with intra-fraction motion monitoring using Calypso guided volumetric modulated arc therapy for definitive prostate cancer treatment. <i>Journal of Medical Radiation Sciences</i> , 2017, 64, 25-34.	1.5	22
7	Predicting the clonogenic survival of A549 cells after modulated x-ray irradiation using the linear quadratic model. <i>Physics in Medicine and Biology</i> , 2009, 54, 187-206.	3.0	21
8	Results of a Prospective Dose Escalation Study of Linear Accelerator-Based Virtual Brachytherapy (BOOSTER) for Prostate Cancer; Virtual HDR Brachytherapy for Prostate Cancer. <i>Advances in Radiation Oncology</i> , 2019, 4, 623-630.	1.2	14
9	A survey of modulated radiotherapy use in Australia & New Zealand in 2015. <i>Australasian Physical and Engineering Sciences in Medicine</i> , 2017, 40, 811-822.	1.3	13
10	Intensity modulated radiotherapy and 3D conformal radiotherapy for whole breast irradiation: a comparative dosimetric study and introduction of a novel qualitative index for plan evaluation, the normal tissue index. <i>Journal of Medical Radiation Sciences</i> , 2015, 62, 184-191.	1.5	12
11	A class solution for volumetric-modulated arc therapy planning in postprostatectomy radiotherapy. <i>Medical Dosimetry</i> , 2014, 39, 261-265.	0.9	7
12	Developing knowledge-based planning for gynaecological and rectal cancers: a clinical validation of RapidPlan. <i>Journal of Medical Radiation Sciences</i> , 2020, 67, 217-224.	1.5	7
13	Implementing daily soft tissue image guidance with reduced margins for post-prostatectomy radiotherapy: research-based changes to clinical practice. <i>Journal of Medical Radiation Sciences</i> , 2019, 66, 259-268.	1.5	5
14	Intra-fraction displacement of the prostate bed during post-prostatectomy radiotherapy. <i>Radiation Oncology</i> , 2021, 16, 20.	2.7	5
15	Comprehensive nodal breast VMAT: solving the low-dose wash dilemma using an iterative knowledge-based radiotherapy planning solution. <i>Journal of Medical Radiation Sciences</i> , 2022, 69, 85-97.	1.5	4
16	Parotid sparing in RapidPlan Oropharynx models: To split or not to split. <i>Journal of Medical Radiation Sciences</i> , 2020, 67, 80-86.	1.5	3
17	Potential gains: Comparison of a mono-isocentric three-dimensional conformal radiotherapy (3D-CRT) planning technique to hybrid intensity-modulated radiotherapy (hIMRT) to the whole breast and supraclavicular fossa (SCF) region. <i>Journal of Medical Radiation Sciences</i> , 2021, , .	1.5	2