

Saad Aldelaijan

List of Publications by Year in descending order

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25
papers

435
citations

1039880

9
h-index

713332

21
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25
all docs

25
docs citations

25
times ranked

454
citing authors

#	ARTICLE	IF	CITATIONS
1	Absorption spectra time evolution of EBT-2 model GAFCHROMIC [®] film. Medical Physics, 2010, 37, 2207-2214.	1.6	92
2	Linearization of dose-response curve of the radiochromic film dosimetry system. Medical Physics, 2012, 39, 4850-4857.	1.6	64
3	Radiochromic film dosimetry of HDR ¹⁹² Ir source radiation fields. Medical Physics, 2011, 38, 6074-6083.	1.6	46
4	Characterization of calibration curves and energy dependence GafChromic TM XR-QA2 model based radiochromic film dosimetry system. Medical Physics, 2014, 41, 062105.	1.6	42
5	Evaluation of EBT-2 model GAFCHROMIC [®] film performance in water. Medical Physics, 2010, 37, 3687-3693.	1.6	31
6	Radiochromic film based dosimetry of image-guidance procedures on different radiotherapy modalities. Journal of Applied Clinical Medical Physics, 2014, 15, 229-239.	0.8	30
7	Comparison of dose response functions for EBT3 model GafChromic [®] film dosimetry system. Physica Medica, 2018, 49, 112-118.	0.4	26
8	Use of a control film piece in radiochromic film dosimetry. Physica Medica, 2016, 32, 202-207.	0.4	25
9	Image quality for radiotherapy CT simulators with different scanner bore size. Physica Medica, 2018, 45, 65-71.	0.4	11
10	Dose comparison between TG-43-based calculations and radiochromic film measurements of the Freiburg flap applicator used for high-dose-rate brachytherapy treatments of skin lesions. Brachytherapy, 2017, 16, 1065-1072.	0.2	10
11	Radiochromic film-based quality assurance for CT-based high-dose-rate brachytherapy. Brachytherapy, 2015, 14, 578-585.	0.2	9
12	Dose-response linearization in radiochromic film dosimetry based on multichannel normalized pixel value with an integrated spectral correction for scanner response variations. Medical Physics, 2019, 46, 5336-5349.	1.6	9
13	Dose measurements nearby low energy electronic brachytherapy sources using radiochromic film. Physica Medica, 2019, 64, 40-44.	0.4	9
14	Technical Note: Response time evolution of XR-QA2 GafChromic [®] film models. Medical Physics, 2018, 45, 488-492.	1.6	5
15	FDG-PET-based differential uptake volume histograms: a possible approach towards definition of biological target volumes. British Journal of Radiology, 2016, 89, 20150388.	1.0	4
16	Impact of inertia on possible fundamental drawbacks in radiochromic film dosimetry. Physica Medica, 2019, 66, 133-134.	0.4	4
17	Monte Carlo simulations of different CT X-ray energy spectra within CTDI phantom and the influence of its changes on radiochromic film measurements. Physica Medica, 2019, 62, 105-110.	0.4	4
18	Positional and angular tracking of HDR 192 Ir source for brachytherapy quality assurance using radiochromic film dosimetry. Medical Physics, 2020, 47, 6122-6139.	1.6	4

#	ARTICLE	IF	CITATIONS
19	Commissioning of applicator-guided stereotactic body radiation therapy boost with high-dose-rate brachytherapy for advanced cervical cancer using radiochromic film dosimetry. <i>Brachytherapy</i> , 2017, 16, 893-902.	0.2	3
20	Towards customizable thin-panel low-Z detector arrays: electrode design for increased spatial resolution ion chamber arrays. <i>Physics in Medicine and Biology</i> , 2020, 65, 08NT02.	1.6	3
21	Modeling the primary source intensity distribution: reconstruction and inter-comparison of six Varian TrueBeam sources. <i>Physics in Medicine and Biology</i> , 2019, 64, 135005.	1.6	2
22	Physics aspects of the Papillon technique—Five decades later. <i>Brachytherapy</i> , 2018, 17, 234-243.	0.2	1
23	Calibration of MTT assay in proton beams using radiochromic films. <i>Physica Medica</i> , 2020, 77, 146-153.	0.4	1
24	Improving Dose Accuracy of HDR Brachytherapy Treatment of Skin Lesions Using Freiburg Flap Applicator Based on Reference Radiochromic Film Dose Measurements. <i>Brachytherapy</i> , 2017, 16, S99.	0.2	0
25	Clinical Implementation of Automated Treatment Planning Including 3D Printable Applicators in Complex Skin Brachytherapy. <i>Brachytherapy</i> , 2019, 18, S32.	0.2	0