Amir M Owrangi

List of Publications by Year
in descending order

8 papers	505 citations	1307366 7 h-index	1588896 8 g-index
8 all docs	8 docs citations	8 times ranked	788 citing authors

#	Article	IF	Citations
1	Predicting which patients may benefit from the hybrid intracavitary+interstitial needle (IC/IS) applicator for advanced cervical cancer: A dosimetric comparison and toxicity benefit analysis. Brachytherapy, 2021, 20, 136-145.	0.2	7
2	Synthesizing CT images from MR images with deep learning: model generalization for different datasets through transfer learning. Biomedical Physics and Engineering Express, 2021, 7, 025020.	0.6	15
3	Dosimetric evaluation of synthetic CT generated with GANs for MRI–only proton therapy treatment planning of brain tumors. Journal of Applied Clinical Medical Physics, 2020, 21, 76-86.	0.8	35
4	MRI-only brain radiotherapy: Assessing the dosimetric accuracy of synthetic CT images generated using a deep learning approach. Radiotherapy and Oncology, 2019, 136, 56-63.	0.3	105
5	MRI-only treatment planning: benefits and challenges. Physics in Medicine and Biology, 2018, 63, 05TR01.	1.6	152
6	Fully automated organ segmentation in male pelvic CT images. Physics in Medicine and Biology, 2018, 63, 245015.	1.6	97
7	Segmentation of the prostate and organs at risk in male pelvic CT images using deep learning. Biomedical Physics and Engineering Express, 2018, 4, 055003.	0.6	65
8	Direction modulated brachytherapy (DMBT) for treatment of cervical cancer: A planning study with ^{192}Ir, ^{60}Co, and [169]Yb HDR sources. Medical Physics, 2017, 44, 6538-6547.	1.6	29