

# Amir M Owrangi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3941274/publications.pdf>

Version: 2024-02-01

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