Faisal Mahmood

List of Publications by Year
in descending order

31	769	566801	525886
papers	citations	15	27
		h-index	g-index

34	34	34	842
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Online adaptive radiotherapy potentially reduces toxicity for high-risk prostate cancer treatment. Radiotherapy and Oncology, 2022, 167, 165-171.	0.3	30
2	Safety of gadolinium based contrast agents in magnetic resonance imaging-guided radiotherapy â€" An investigation of chelate stability using relaxometry. Physics and Imaging in Radiation Oncology, 2022, 21, 96-100.	1.2	11
3	Robust extraction of biological information from diffusion-weighted magnetic resonance imaging during radiotherapy using semi-automatic delineation. Physics and Imaging in Radiation Oncology, 2022, 21, 146-152.	1.2	4
4	End-to-end validation of the geometric dose delivery performance of MR linac adaptive radiotherapy. Physics in Medicine and Biology, 2021, 66, 045034.	1.6	12
5	Accuracy of automatic structure propagation for daily magnetic resonance image-guided head and neck radiotherapy. Acta Oncológica, 2021, 60, 589-597.	0.8	13
6	IPEM Topical Report: an international IPEM survey of MRI use for external beam radiotherapy treatment planning. Physics in Medicine and Biology, 2021, 66, 075007.	1.6	11
7	Evolution of the gross tumour volume extent during radiotherapy for glioblastomas. Radiotherapy and Oncology, 2021, 160, 40-46.	0.3	12
8	Integration of quantitative imaging biomarkers in clinical trials for MR-guided radiotherapy: Conceptual guidance for multicentre studies from the MR-Linac Consortium Imaging Biomarker Working Group. European Journal of Cancer, 2021, 153, 64-71.	1.3	21
9	Apparent diffusion coefficient measurement of the parotid gland parenchyma. Quantitative Imaging in Medicine and Surgery, 2021, 11, 3812-3829.	1.1	6
10	Data-driven separation of MRI signal components for tissue characterization. Journal of Magnetic Resonance, 2021, 333, 107103.	1.2	2
11	Diffusion MRI outlined viable tumour volume beats GTV in intra-treatment stratification of outcome. Radiotherapy and Oncology, 2020, 144, 121-126.	0.3	11
12	Optimizing MR-Guided Radiotherapy for Breast Cancer Patients. Frontiers in Oncology, 2020, 10, 1107.	1.3	36
13	Phantom-based quality assurance for multicenter quantitative MRI in locally advanced cervical cancer. Radiotherapy and Oncology, 2020, 153, 114-121.	0.3	15
14	Tumor-site specific geometric distortions in high field integrated magnetic resonance linear accelerator radiotherapy. Physics and Imaging in Radiation Oncology, 2020, 15, 100-104.	1.2	10
15	Quantitative imaging for radiotherapy purposes. Radiotherapy and Oncology, 2020, 146, 66-75.	0.3	71
16	First clinical experiences with a high field 1.5 T MR linac. Acta Oncológica, 2019, 58, 1352-1357.	0.8	72
17	Surface guided radiotherapy (SGRT) improves breast cancer patient setup accuracy. Journal of Applied Clinical Medical Physics, 2019, 20, 61-68.	0.8	69
18	Repeated diffusion MRI reveals earliest time point for stratification of radiotherapy response in brain metastases. Physics in Medicine and Biology, 2017, 62, 2990-3002.	1.6	36

#	Article	IF	Citations
19	Ultra-early apparent diffusion coefficient change indicates irradiation and predicts radiotherapy outcome in brain metastases. Acta Oncolª³gica, 2017, 56, 1651-1653.	0.8	8
20	Diffusion Weighted Magnetic Resonance Imaging for Detection of Tissue Electroporation In Vivo. , 2017, , 723-743.		0
21	Normal and Malignant Cells Exhibit Differential Responses to Calcium Electroporation. Cancer Research, 2017, 77, 4389-4401.	0.4	61
22	Diffusion Weighted Magnetic Resonance Imaging for Detection of Tissue Electroporation in vivo. , 2016, , 1-22.		0
23	Detection of electroporation-induced membrane permeabilization states in the brain using diffusion-weighted MRI. Acta Oncolª³gica, 2015, 54, 289-297.	0.8	16
24	Cone beam computed tomography guided treatment delivery and planning verification for magnetic resonance imaging only radiotherapy of the brain. Acta Oncolª³gica, 2015, 54, 1496-1500.	0.8	34
25	The effect of region of interest strategies on apparent diffusion coefficient assessment in patients treated with palliative radiation therapy to brain metastases. Acta Oncolª³gica, 2015, 54, 1529-1534.	0.8	14
26	Optical surface scanning for respiratory motion monitoring in radiotherapy: a feasibility study. Proceedings of SPIE, 2014, , .	0.8	0
27	Efficacy of transgene expression in porcine skin as a function of electrode choice. Bioelectrochemistry, 2011, 82, 95-102.	2.4	27
28	Electrochemotherapy for Primary and Secondary Brain Tumors. , 2011, , 195-206.		1
29	Diffusion-Weighted MRI for Verification of Electroporation-Based Treatments. Journal of Membrane Biology, 2011, 240, 131-138.	1.0	22
30	Optimizing clinical performance and geometrical robustness of a new electrode device for intracranial tumor electroporation. Bioelectrochemistry, 2011, 81, 10-16.	2.4	45
31	Preclinical Validation of Electrochemotherapy as an Effective Treatment for Brain Tumors. Cancer Research, 2011, 71, 3753-3762.	0.4	86