

# Maria A Schmidt

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

703  
citations

840585

11  
h-index

677027

22  
g-index

23  
all docs

23  
docs citations

23  
times ranked

1117  
citing authors

#	ARTICLE	IF	CITATIONS
1	IPEM topical report: guidance on the use of MRI for external beam radiotherapy treatment planning <sup>*</sup>. Physics in Medicine and Biology, 2021, 66, 055025.	1.6	16
2	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
3	Descriptive analysis of MRI functional changes occurring during reduced dose radiotherapy for myxoid liposarcomas. British Journal of Radiology, 2021, 94, 20210310.	1.0	1
4	IPEM Topical Report: A 2018 IPEM survey of MRI use for external beam radiotherapy treatment planning in the UK. Physics in Medicine and Biology, 2019, 64, 175021.	1.6	21
5	Comparison of prostate delineation on multimodality imaging for MR-guided radiotherapy. British Journal of Radiology, 2019, 92, 20180948.	1.0	48
6	Improving fiducial and prostate capsule visualization for radiotherapy planning using <sup>scp>MRI</sup>. Journal of Applied Clinical Medical Physics, 2019, 20, 27-36.	0.8	36
7	An evaluation of systematic errors on marker-based registration of computed tomography and magnetic resonance images of the liver. Physics and Imaging in Radiation Oncology, 2018, 7, 27-31.	1.2	3
8	Pre-treatment functional MRI of breast cancer: T2* evaluation at 3T and relationship to dynamic contrast-enhanced and diffusion-weighted imaging. Magnetic Resonance Imaging, 2018, 52, 53-61.	1.0	4
9	A novel approach to evaluate spatial resolution of MRI clinical images for optimization and standardization of breast screening protocols. Medical Physics, 2016, 43, 6354-6363.	1.6	5
10	Repeatability and sensitivity of measurements in patients with head and neck squamous cell carcinoma at 3T. Journal of Magnetic Resonance Imaging, 2016, 44, 72-80.	1.9	27
11	Slice Encoding for Metal Artefact Correction in magnetic resonance imaging examinations for radiotherapy planning. Radiotherapy and Oncology, 2016, 120, 356-362.	0.3	10
12	Consensus opinion on MRI simulation for external beam radiation treatment planning. Radiotherapy and Oncology, 2016, 121, 187-192.	0.3	66
13	Time-resolved angiography with stochastic trajectories for dynamic contrast-enhanced MRI in head and neck cancer: Are pharmacokinetic parameters affected?. Medical Physics, 2016, 43, 6024-6032.	1.6	3
14	Multi-parametric MRI in the early prediction of response to neo-adjuvant chemotherapy in breast cancer: Value of non-modelled parameters. European Journal of Radiology, 2016, 85, 837-842.	1.2	41
15	Evaluation of diffusion models in breast cancer. Medical Physics, 2015, 42, 4833-4839.	1.6	16
16	Breast density measurements with ultrasound tomography: a comparison with non-contrast MRI. Breast Cancer Research, 2015, 17, .	2.2	2
17	Radiotherapy planning using MRI. Physics in Medicine and Biology, 2015, 60, R323-R361.	1.6	268
18	Characterizing Heterogeneity within Head and Neck Lesions Using Cluster Analysis of Multi-Parametric MRI Data. PLoS ONE, 2015, 10, e0138545.	1.1	6

#	ARTICLE	IF	CITATIONS
19	Investigating the Influence of Flip Angle and k-Space Sampling on Dynamic Contrast-Enhanced MRI Breast Examinations. <i>Academic Radiology</i> , 2014, 21, 1394-1401.	1.3	8
20	Breast dynamic contrast-enhanced examinations with fat suppression: Are contrast-agent uptake curves affected by magnetic field inhomogeneity?. <i>European Radiology</i> , 2013, 23, 1537-1545.	2.3	6
21	Changes in functional imaging parameters following induction chemotherapy have important implications for individualised patient-based treatment regimens for advanced head and neck cancer. <i>Radiotherapy and Oncology</i> , 2013, 106, 112-117.	0.3	39
22	Phase-uncertainty quality map for two-point Dixon fat/water separation. <i>Physics in Medicine and Biology</i> , 2011, 56, N195-N205.	1.6	2
23	The value of magnetic resonance imaging in target volume delineation of base of tongue tumours – A study using flexible surface coils. <i>Radiotherapy and Oncology</i> , 2010, 94, 161-167.	0.3	64