

# David Thwaites

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

26  
papers

248  
citations

10  
h-index

15  
g-index

33  
ext. papers

380  
ext. citations

2.2  
avg. IF

3.1  
L-index

#	Paper	IF	Citations
26	Plan quality in radiotherapy treatment planning - Review of the factors and challenges.. <i>Journal of Medical Imaging and Radiation Oncology</i> , <b>2022</b> , 66, 267-278	1.7	1
25	Quality management in radiotherapy treatment delivery.. <i>Journal of Medical Imaging and Radiation Oncology</i> , <b>2022</b> , 66, 279-290	1.7	2
24	Safety culture and incident learning systems in radiation oncology: Staff perceptions across Australia and New Zealand.. <i>Journal of Medical Imaging and Radiation Oncology</i> , <b>2022</b> , 66, 299-309	1.7	
23	A system for real-time monitoring of breath-hold via assessment of internal anatomy in tangential breast radiotherapy. <i>Journal of Applied Clinical Medical Physics</i> , <b>2021</b> ,	2.3	1
22	Response to the Letter to the Editor "Application of the RATING score: In regards to Hansen et al.". <i>Radiotherapy and Oncology</i> , <b>2021</b> , 158, 311	5.3	
21	Intrinsic detector sensitivity analysis as a tool to characterize ArcCHECK and EPID sensitivity to variations in delivery for lung SBRT VMAT plans. <i>Journal of Applied Clinical Medical Physics</i> , <b>2021</b> , 22, 229-240	2.3	2
20	An investigation of the IQM signal variation and error detection sensitivity for patient specific pre-treatment QA. <i>Physica Medica</i> , <b>2021</b> , 86, 6-18	2.7	1
19	Effects of MR imaging time reduction on substitute CT generation for prostate MRI-only treatment planning. <i>Physical and Engineering Sciences in Medicine</i> , <b>2021</b> , 44, 799-807	7	
18	Implementation of the Australian Computer-Assisted Theragnostics (AusCAT) network for radiation oncology data extraction, reporting and distributed learning. <i>Journal of Medical Imaging and Radiation Oncology</i> , <b>2021</b> , 65, 627-636	1.7	3
17	Evaluation of the ability of three commercially available dosimeters to detect systematic delivery errors in step-and-shoot IMRT plans. <i>Reports of Practical Oncology and Radiotherapy</i> , <b>2021</b> , 26, 793-803	1.5	0
16	Validation of a new open-source method for automatic delineation and dose assessment of the heart and LADCA in breast radiotherapy with simultaneous uncertainty estimation. <i>Physics in Medicine and Biology</i> , <b>2021</b> , 66, 035014	3.8	1
15	A comparison between EPSON V700 and EPSON V800 scanners for film dosimetry. <i>Physical and Engineering Sciences in Medicine</i> , <b>2020</b> , 43, 205	7	1
14	Analysis of cardiac substructure dose in a large, multi-centre danish breast cancer cohort (the DBCG HYPO trial): Trends and predictive modelling. <i>Radiotherapy and Oncology</i> , <b>2020</b> , 153, 130-138	5.3	5
13	Radiotherapy Treatment planning study Guidelines (RATING): A framework for setting up and reporting on scientific treatment planning studies. <i>Radiotherapy and Oncology</i> , <b>2020</b> , 153, 67-78	5.3	22
12	EPID sensitivity to delivery errors for pre-treatment verification of lung SBRT VMAT plans. <i>Physica Medica</i> , <b>2019</b> , 59, 37-46	2.7	4
11	Pre-treatment verification of lung SBRT VMAT plans with delivery errors: Toward a better understanding of the gamma index analysis. <i>Physica Medica</i> , <b>2018</b> , 49, 119-128	2.7	10
10	Breast Cancer Patients' Perceptions of a Virtual Learning Environment for Pretreatment Education. <i>Journal of Cancer Education</i> , <b>2018</b> , 33, 983-990	1.8	10

9	A prediction model for early death in non-small cell lung cancer patients following curative-intent chemoradiotherapy. <i>Acta Oncologica</i> , <b>2018</b> , 57, 226-230	3.2	21
8	Assessment of electron density effects on dose calculation and optimisation accuracy for nasopharynx, for MRI only treatment planning. <i>Australasian Physical and Engineering Sciences in Medicine</i> , <b>2018</b> , 41, 811-820	1.9	4
7	The effect of imputing missing clinical attribute values on training lung cancer survival prediction model performance. <i>Health Information Science and Systems</i> , <b>2017</b> , 5, 16	5.1	6
6	Comparison of three commercial dosimetric systems in detecting clinically significant VMAT delivery errors. <i>Physica Medica</i> , <b>2016</b> , 32, 1238-1244	2.7	11
5	Guidelines for safe practice of stereotactic body (ablative) radiation therapy. <i>Journal of Medical Imaging and Radiation Oncology</i> , <b>2015</b> , 59, 646-53	1.7	26
4	Dosimetry modeling for focal high-dose-rate prostate brachytherapy. <i>Brachytherapy</i> , <b>2014</b> , 13, 611-7	2.4	20
3	Multi-parametric MRI-guided focal tumor boost using HDR prostate brachytherapy: a feasibility study. <i>Brachytherapy</i> , <b>2014</b> , 13, 137-45	2.4	34
2	Investigation of interseed attenuation and tissue composition effects in (125)I seed implant prostate brachytherapy. <i>Brachytherapy</i> , <b>2014</b> , 13, 603-10	2.4	11
1	Rapid learning in practice: a lung cancer survival decision support system in routine patient care data. <i>Radiotherapy and Oncology</i> , <b>2014</b> , 113, 47-53	5.3	32