

Christoph Jan Trauernicht

List of Publications by Year in descending order

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15
papers

153
citations

1684188

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h-index

1281871

11
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all docs

15
docs citations

15
times ranked

115
citing authors

#	ARTICLE	IF	CITATIONS
1	Bridging the Radiotherapy Education Gap in Africa: Lessons Learnt from the Cape Town Access to Care Training Programme Over the Past 5 Years (2015–2019). <i>Journal of Cancer Education</i> , 2022, 37, 1662-1668.	1.3	6
2	Medical physics services in radiology and nuclear medicine in Africa: challenges and opportunities identified through workforce and infrastructure surveys. <i>Health and Technology</i> , 2022, 12, 729-737.	3.6	5
3	Barriers and Facilitators of Implementing Automated Radiotherapy Planning: A Multisite Survey of Low- and Middle-Income Country Radiation Oncology Providers. <i>JCO Global Oncology</i> , 2022, 8, e2100431.	1.8	4
4	Clinical Acceptability of Automated Radiation Treatment Planning for Head and Neck Cancer Using the Radiation Planning Assistant. <i>Practical Radiation Oncology</i> , 2021, 11, 177-184.	2.1	22
5	An audit of published South African diagnostic reference level data. <i>Journal of Radiological Protection</i> , 2021, 41, 291-304.	1.1	5
6	Concrete density estimation of linac bunker walls using impact-echo testing. <i>Physica Medica</i> , 2020, 77, 43-47.	0.7	0
7	Automatic contouring system for cervical cancer using convolutional neural networks. <i>Medical Physics</i> , 2020, 47, 5648-5658.	3.0	43
8	Safety measures in selected radiotherapy centres within Africa in the face of Covid-19. <i>Health and Technology</i> , 2020, 10, 1391-1396.	3.6	5
9	Implementation of carbon fibre treatment couches in the XiO [®] and Monaco [®] Treatment Planning Systems. <i>Polish Journal of Medical Physics and Engineering</i> , 2020, 26, 211-215.	0.6	0
10	Automated treatment planning of postmastectomy radiotherapy. <i>Medical Physics</i> , 2019, 46, 3767-3775.	3.0	27
11	A risk assessment of automated treatment planning and recommendations for clinical deployment. <i>Medical Physics</i> , 2019, 46, 2567-2574.	3.0	23
12	Comparison of Primary Doses Obtained in Three 6 MV Photon Beams Using a Small Attenuator. <i>Radiation Protection Dosimetry</i> , 2017, 173, 198-202.	0.8	0
13	Model for Estimating Power and Downtime Effects on Teletherapy Units in Low-Resource Settings. <i>Journal of Global Oncology</i> , 2017, 3, 563-571.	0.5	9
14	Filtration to reduce paediatric dose for a linear slot-scanning digital X-ray machine. <i>Radiation Protection Dosimetry</i> , 2015, 167, 552-561.	0.8	3
15	Determination of the primary dose component and primary linear attenuation coefficient in a 6 MV photon beam using a small attenuator. <i>Radiation Measurements</i> , 2010, 45, 1465-1468.	1.4	1