

John Kildea

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

238
citations

1306789

7
h-index

1058022

14
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35
all docs

35
docs citations

35
times ranked

284
citing authors

#	ARTICLE	IF	CITATIONS
1	High-Accuracy Relative Biological Effectiveness Values Following Low-Dose Thermal Neutron Exposures Support Bimodal Quality Factor Response with Neutron Energy. <i>International Journal of Molecular Sciences</i> , 2022, 23, 878.	1.8	0
2	Striving to Fill in Gaps between Clinical Practice and Standards: The Evolution of a Pan-Canadian Approach to Patient-Reported Outcomes Use. <i>Current Oncology</i> , 2022, 29, 3698-3707.	0.9	3
3	Implementation of a DVH Registry to provide constraints and continuous quality monitoring for pediatric CSI treatment planning. <i>Journal of Applied Clinical Medical Physics</i> , 2021, 22, 191-202.	0.8	0
4	Reduction of inter-observer contouring variability in daily clinical practice through a retrospective, evidence-based intervention. <i>Acta Oncologica</i> , 2021, 60, 229-236.	0.8	5
5	Acceptability of a Patient Portal (Opal) in HIV Clinical Care: A Feasibility Study. <i>Journal of Personalized Medicine</i> , 2021, 11, 134.	1.1	3
6	Satisfaction among Cancer Patients Undergoing Radiotherapy during the COVID-19 Pandemic: An Institutional Experience. <i>Current Oncology</i> , 2021, 28, 1507-1517.	0.9	9
7	Development of a generalizable natural language processing pipeline to extract physician-reported pain from clinical reports: Generated using publicly-available datasets and tested on institutional clinical reports for cancer patients with bone metastases. <i>Journal of Biomedical Informatics</i> , 2021, 120, 103864.	2.5	13
8	Towards the characterization of neutron carcinogenesis through direct action simulations of clustered DNA damage. <i>Physics in Medicine and Biology</i> , 2021, 66, 205011.	1.6	8
9	Exploring Cancer Patients' Perceptions of Accessing and Experience with Using the Educational Material in the Opal Patient Portal. <i>Supportive Care in Cancer</i> , 2021, 29, 4365-4374.	1.0	4
10	Natural language processing and machine learning to assist radiation oncology incident learning. <i>Journal of Applied Clinical Medical Physics</i> , 2021, 22, 172-184.	0.8	3
11	Developing an mHealth Application to Coordinate Nurse-Provided Respite Care Services for Families Coping With Palliative-Stage Cancer: Protocol for a User-Centered Design Study. <i>JMIR Research Protocols</i> , 2021, 10, e34652.	0.5	3
12	A Canadian Response to the Coronavirus Disease 2019 (COVID-19) Pandemic: Is There a Silver Lining for Radiation Oncology Patients?. <i>Advances in Radiation Oncology</i> , 2020, 5, 774-776.	0.6	2
13	The impact of treatment parameter variation on secondary neutron spectra in high-energy electron beam radiotherapy. <i>Physica Medica</i> , 2020, 80, 125-133.	0.4	7
14	A microdosimetric analysis of the interactions of mono-energetic neutrons with human tissue. <i>Physica Medica</i> , 2020, 73, 29-42.	0.4	9
15	Chest wall pain following lung stereotactic body radiation therapy using 48 Gy in three fractions: A search for predictors. <i>Cancer Radiotherapie: Journal De La Societe Francaise De Radiotherapie Oncologique</i> , 2019, 23, 98-103.	0.6	2
16	Design and Development of a Person-Centered Patient Portal Using Participatory Stakeholder Co-Design. <i>Journal of Medical Internet Research</i> , 2019, 21, e11371.	2.1	72
17	Development and implementation of a radiation therapy incident learning system compatible with local workflow and a national taxonomy. <i>Journal of Applied Clinical Medical Physics</i> , 2018, 19, 259-270.	0.8	6
18	The effect of the flattening filter on photoneutron production at 10 MV in the Varian TrueBeam linear accelerator. <i>Medical Physics</i> , 2018, 45, 4711-4719.	1.6	20

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19	Dosimetric and microdosimetric analyses for blood exposed to reactor-derived thermal neutrons. Journal of Radiological Protection, 2018, 38, 1037-1052.	0.6	5
20	Predicting Waiting Times in Radiation Oncology Using Machine Learning. , 2017, , .		9
21	Sci-Thur PM - Colourful Interactions: Highlights 05: Opal-the Oncology Patient Application. Medical Physics, 2016, 43, 4932-4932.	1.6	0
22	Poster - 25: Neutron Spectral Measurements around a Scanning Proton Beam. Medical Physics, 2016, 43, 4941-4942.	1.6	0
23	Measuring neutron spectra in radiotherapy using the nested neutron spectrometer. Medical Physics, 2015, 42, 6162-6169.	1.6	37
24	Sci-Fri PM: Dosimetry-02: A Nested Neutron Spectrometer to Measure Neutron Spectra in Radiotherapy. Medical Physics, 2014, 41, 26-27.	1.6	0
25	Poster - Thur Eve - 52: A Web-based Platform for Collaborative Document Management in Radiotherapy. Medical Physics, 2014, 41, 17-17.	1.6	0
26	Poster - Thur Eve - 51: An analysis of the effectiveness of automated pre-, post- and intra-treatment auditing of electronic health records. Medical Physics, 2014, 41, 17-17.	1.6	0
27	Sci-Sat AM: Brachy - 05: Comprehensive web-based QA in radiation oncology. Medical Physics, 2012, 39, 4645-4645.	1.6	0
28	A Framework for Comprehensive Electronic QA in Radiation Therapy. , 2010, , .		1
29	Follow-up Observations of Gamma-ray Bursts with STACEE. AIP Conference Proceedings, 2005, , .	0.3	1
30	The STACEE ground-based gamma-ray detector. IEEE Transactions on Nuclear Science, 2005, 52, 2977-2985.	1.2	14
31	GRB Observations around 100 GeV with STACEE. AIP Conference Proceedings, 2004, , .	0.3	0
32	The STACEE ground-based gamma-ray detector. , 0, , .		0