

James R Kerns

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

623
citations

933264

10
h-index

1281743

11
g-index

11
all docs

11
docs citations

11
times ranked

770
citing authors

#	ARTICLE	IF	CITATIONS
1	An evaluation of three commercially available metal artifact reduction methods for CT imaging. <i>Physics in Medicine and Biology</i> , 2015, 60, 1047-1067.	1.6	177
2	Institutional Patient-specific IMRT QA Does Not Predict Unacceptable Plan Delivery. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 90, 1195-1201.	0.4	116
3	Angular dependence of the nanoDot OSL dosimeter. <i>Medical Physics</i> , 2011, 38, 3955-3962.	1.6	90
4	A multi-institution evaluation of MLC log files and performance in IMRT delivery. <i>Radiation Oncology</i> , 2014, 9, 176.	1.2	57
5	Treatment Planning System Calculation Errors Are Present in Most Imaging and Radiation Oncology Core-Houston Phantom Failures. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 98, 1197-1203.	0.4	55
6	Technical Report: Reference photon dosimetry data for Varian accelerators based on IROC-Houston site visit data. <i>Medical Physics</i> , 2016, 43, 2374-2386.	1.6	32
7	Energy response of optically stimulated luminescent dosimeters for non-reference measurement locations in a 6 MV photon beam. <i>Physics in Medicine and Biology</i> , 2012, 57, 2505-2515.	1.6	27
8	Agreement Between Institutional Measurements and Treatment Planning System Calculations for Basic Dosimetric Parameters as Measured by the Imaging and Radiation Oncology Core-Houston. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 95, 1527-1534.	0.4	27
9	Characteristics of optically stimulated luminescence dosimeters in the spread-out Bragg peak region of clinical proton beams. <i>Medical Physics</i> , 2012, 39, 1854-1863.	1.6	25
10	Reference dosimetry data and modeling challenges for Elekta accelerators based on IROC-Houston site visit data. <i>Medical Physics</i> , 2018, 45, 2337-2344.	1.6	15
11	The use of computed radiography plates to determine light and radiation field coincidence. <i>Medical Physics</i> , 2013, 40, 111707.	1.6	2