

# James R Kerns

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3362685/publications.pdf>

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	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
2	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
3	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
4	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
5	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
6	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
7	A multi-institution evaluation of MLC log files and performance in IMRT delivery. <i>Radiation Oncology</i> , 2014, 9, 176.	1.2	57
8	The use of computed radiography plates to determine light and radiation field coincidence. <i>Medical Physics</i> , 2013, 40, 111707.	1.6	2
9	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
10	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
11	Angular dependence of the nanoDot OSL dosimeter. <i>Medical Physics</i> , 2011, 38, 3955-3962.	1.6	90