

Daniel J La Russa

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

412
citations

1478280

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1474057

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g-index

9
all docs

9
docs citations

9
times ranked

464
citing authors

#	ARTICLE	IF	CITATIONS
1	Applying Modern Virtual and Augmented Reality Technologies to Medical Images and Models. Journal of Digital Imaging, 2019, 32, 38-53.	1.6	168
2	Effect of the Iridium Oxide Thin Film on the Electrochemical Activity of Platinum Nanoparticles. Langmuir, 2004, 20, 9695-9702.	1.6	119
3	Predicting VMAT patient-specific QA results using a support vector classifier trained on treatment plan characteristics and linac QC metrics. Physics in Medicine and Biology, 2019, 64, 095017.	1.6	45
4	An experimental and computational investigation of the standard temperature and pressure correction factor for ion chambers in kilovoltage x rays. Medical Physics, 2007, 34, 4690-4699.	1.6	37
5	Position and probability sampled Monte Carlo calculation of VMAT, 3DCRT, step and shoot IMRT, and helical tomotherapy dose distributions using BEAMnrc/DOSXYZnrc. Medical Physics, 2011, 38, 948-960.	1.6	17
6	An EGSnrc investigation of the PTP correction factor for ion chambers in kilovoltage x rays. Medical Physics, 2006, 33, 4590-4599.	1.6	16
7	Accuracy of EGSnrc calculations at energies for the response of ion chambers configured with various wall materials and cavity dimensions. Medical Physics, 2008, 35, 5629-5640.	1.6	5
8	Monitoring Respiratory Motion during VMAT Treatment Delivery Using Ultra-Wideband Radar. Sensors, 2022, 22, 2287.	2.1	3
9	Evaluation of a new commercial Monte Carlo dose calculation algorithm for electron beams. Medical Physics, 2014, 41, 021711.	1.6	2