

James Renaud

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

101
citations

1307366

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1372474

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11
docs citations

11
times ranked

88
citing authors

#	ARTICLE	IF	CITATIONS
1	Aerrow: A probe-format graphite calorimeter for absolute dosimetry of high-energy photon beams in the clinical environment. Medical Physics, 2018, 45, 414-428.	1.6	23
2	Development of a graphite probe calorimeter for absolute clinical dosimetry. Medical Physics, 2013, 40, 020701.	1.6	20
3	Direct measurement of electron beam quality conversion factors using water calorimetry. Medical Physics, 2015, 42, 6357-6368.	1.6	17
4	Density effects of silica aerogel insulation on the performance of a graphite probe calorimeter. Medical Physics, 2019, 46, 1874-1882.	1.6	10
5	Absolute dosimetry of a 1.5 T MR-guided accelerator-based high-energy photon beam in water and solid phantoms using Aerrow. Medical Physics, 2020, 47, 1291-1304.	1.6	9
6	Water calorimetry in MR-linac: Direct measurement of absorbed dose and determination of chamber. Medical Physics, 2020, 47, 6458-6469.	1.6	9
7	Adaptive Radiation Therapy for Localized Mesothelioma with Mediastinal Metastasis Using Helical Tomotherapy. Medical Dosimetry, 2009, 34, 233-242.	0.4	8
8	Feasibility of operating a millimeter-scale graphite calorimeter for absolute dosimetry of small-field photon beams in the clinic. Medical Physics, 2021, 48, 7476-7492.	1.6	2
9	Successful treatment of primary renal lymphoma using image guided helical tomotherapy. Canadian Journal of Urology, 2009, 16, 4639-47.	0.0	2
10	First-stage validation of a portable imageable MR-compatible water calorimeter. Medical Physics, 2020, 47, 5312-5323.	1.6	1
11	Monte Carlo optimization and experimental validation of a prototype ionization chamber for accurate magnetic resonance image guided radiation therapy (MRgRT) daily output constancy measurements in solid phantoms. Medical Physics, 2022, , .	1.6	0