James Renaud

List of Publications by Year
in descending order

11 papers	101 citations	1307366 7 h-index	1372474 10 g-index
11 all docs	11 docs citations	11 times ranked	88 citing authors

#	Article	IF	Citations
1	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
2	Feasibility of operating a millimeterâ€scale graphite calorimeter for absolute dosimetry of smallâ€field photon beams in the clinic. Medical Physics, 2021, 48, 7476-7492.	1.6	2
3	Absolute dosimetry of a 1.5 T MRâ€guided acceleratorâ€based highâ€energy photon beam in water and solid phantoms using Aerrow. Medical Physics, 2020, 47, 1291-1304.	1.6	9
4	Water calorimetry in MRâ€linac: Direct measurement of absorbed dose and determination of chamber. Medical Physics, 2020, 47, 6458-6469.	1.6	9
5	Firstâ€stage validation of a portable imageable MRâ€compatible water calorimeter. Medical Physics, 2020, 47, 5312-5323.	1.6	1
6	Density effects of silica aerogel insulation on the performance of a graphite probe calorimeter. Medical Physics, 2019, 46, 1874-1882.	1.6	10
7	Aerrow: A probeâ€format graphite calorimeter for absolute dosimetry of highâ€energy photon beams in the clinical environment. Medical Physics, 2018, 45, 414-428.	1.6	23
8	Direct measurement of electron beam quality conversion factors using water calorimetry. Medical Physics, 2015, 42, 6357-6368.	1.6	17
9	Development of a graphite probe calorimeter for absolute clinical dosimetry. Medical Physics, 2013, 40, 020701.	1.6	20
10	Adaptive Radiation Therapy for Localized Mesothelioma with Mediastinal Metastasis Using Helical Tomotherapy. Medical Dosimetry, 2009, 34, 233-242.	0.4	8
11	Successful treatment of primary renal lymphoma using image guided helical tomotherapy. Canadian Journal of Urology, 2009, 16, 4639-47.	0.0	2