Heming Zhen

List of Publications by Year
in descending order

10 papers	659 citations	1683354 5 h-index	1372195 10 g-index
10 all docs	10 docs citations	10 times ranked	514 citing authors

#	Article	IF	Citations
1	Perâ€beam, planar IMRT QA passing rates do not predict clinically relevant patient dose errors. Medical Physics, 2011, 38, 1037-1044.	1.6	363
2	Moving from gamma passing rates to patient DVH-based QA metrics in pretreatment dose QA. Medical Physics, 2011, 38, 5477-5489.	1.6	219
3	Dosimetric comparison of Acuros XB with collapsed cone convolution/superposition and anisotropic analytic algorithm for stereotactic ablative radiotherapy of thoracic spinal metastases. Journal of Applied Clinical Medical Physics, 2015, 16, 181-192.	0.8	26
4	On the use of biomathematical models in patientâ€specific IMRT dose QA. Medical Physics, 2013, 40, 071702.	1.6	19
5	A model for predicting the dose to the parotid glands based on their relative overlapping with planning target volumes during helical radiotherapy. Journal of Applied Clinical Medical Physics, 2018, 19, 48-53.	0.8	15
6	Dosimetric effects of saline- versus water-filled balloon applicators for IORT using the model S700 electronic brachytherapy source. Brachytherapy, 2018, 17, 500-505.	0.2	7
7	Automated Extraction of Dose/Volume Statistics for Radiotherapy-Treatment-Plan Evaluation in Clinical-Trial Quality Assurance. Frontiers in Oncology, 2016, 6, 47.	1.3	5
8	Initial clinical experience using a novel Pd-103 surface applicator for the treatment of retroperitoneal and abdominal wall malignancies. Advances in Radiation Oncology, 2018, 3, 216-220.	0.6	3
9	The stepâ€andâ€shoot IMRT overshooting phenomenon: a novel method to mitigate patient overdosage. Journal of Applied Clinical Medical Physics, 2016, 17, 214-222.	0.8	1
10	Knowledgeâ€based planning in robotic intracranial stereotactic radiosurgery treatments. Journal of Applied Clinical Medical Physics, 2021, 22, 48-54.	0.8	1