Hualin Zhang

List of Publications by Year
in descending order

21 papers	278 citations	1040056 9 h-index	888059 17 g-index
21 all docs	21 docs citations	21 times ranked	253 citing authors

#	Article	IF	Citations
1	An International Consensus on the Design of Prospective Clinicalâ€“Translational Trials in Spatially Fractionated Radiation Therapy. Advances in Radiation Oncology, 2022, 7, 100866.	1.2	7
2	A Dosimetric Parameter Reference Look-Up Table for GRID Collimator-Based Spatially Fractionated Radiation Therapy. Cancers, 2022, 14, 1037.	3.7	6
3	Recommendations for intraoperative mesh brachytherapy: Report of AAPM Task Group No. 222. Medical Physics, 2021, 48, e969-e990.	3.0	0
4	Development of a gynecologic brachytherapy curriculum and simulation modules to improve radiation oncology traineesâ€™ skills and confidence. Brachytherapy, 2020, 19, 732-737.	0.5	15
5	A simple dosimetric approach to spatially fractionated GRID radiation therapy using the multileaf collimator for treatment of breast cancers in the prone position. Journal of Applied Clinical Medical Physics, 2020, 21, 105-114.	1.9	8
6	Photon GRID Radiation Therapy: A Physics and Dosimetry White Paper from the Radiosurgery Society (RSS) GRID/LATTICE, Microbeam and FLASH Radiotherapy Working Group. Radiation Research, 2020, 194, 665-677.	1.5	32
7	The Technical and Clinical Implementation of LATTICE Radiation Therapy (LRT). Radiation Research, 2020, 194, 737-746.	1.5	42
8	Clinical implementation, logistics and workflow guide for MRI image based interstitial HDR brachytherapy for gynecological cancers. Journal of Applied Clinical Medical Physics, 2019, 20, 37-49.	1.9	9
9	A feasibility study of using advanced external beam techniques to create a vaginal cuff brachytherapy-like endometrial boost plan. Medical Dosimetry, 2018, 43, 30-38.	0.9	3
10	Technical Note: Dosimetric impact of spherical applicator size in Intrabeamâ„¢ IORT for treating unicentric breast cancer lesions. Medical Physics, 2017, 44, 6706-6714.	3.0	9
11	Therapeutic analysis of Intrabeamâ€based intraoperative radiation therapy in the treatment of unicentric breast cancer lesions utilizing a spherical target volume model. Journal of Applied Clinical Medical Physics, 2017, 18, 184-194.	1.9	6
12	Dosimetric impact of cylinder size in highâ€dose rate vaginal cuff brachytherapy (VCBT) for primary endometrial cancer. Journal of Applied Clinical Medical Physics, 2016, 17, 262-272.	1.9	8
13	Development of a deformable dosimetric phantom to verify dose accumulation algorithms for adaptive radiotherapy. Journal of Medical Physics, 2016, 41, 106.	0.3	12
14	Therapeutic analysis of high-dose-rate 192 Ir vaginal cuff brachytherapy for endometrial cancer using a cylindrical target volume model and varied cancer cell distributions. Medical Physics, 2015, 43, 483-494.	3.0	6
15	Impact of dose size in single fraction spatially fractionated (grid) radiotherapy for melanoma. Medical Physics, 2014, 41, 021727.	3.0	24
16	Dosimetric perturbations at high-Z interfaces with high dose rate 192Ir source. Physica Medica, 2014, 30, 782-790.	0.7	8
17	A treatment planning approach to spatially fractionated megavoltage grid therapy for bulky lung cancer. Medical Dosimetry, 2014, 39, 218-226.	0.9	15
18	Dosimetric comparison between model 9011 and 6711 sources in prostate implants. Medical Dosimetry, 2013, 38, 199-203.	0.9	0

#	Article	IF	Citations
19	Comparison of 16 mm OSUâ€Nag and COMS eye plaques. Journal of Applied Clinical Medical Physics, 2012, 13, 166-178.	1.9	9
20	Fractionated Grid Therapy in Treating Cervical Cancers: Conventional Fractionation or Hypofractionation?. International Journal of Radiation Oncology Biology Physics, 2008, 70, 280-288.	0.8	33
21	Dosimetric validation of the MCNPX Monte Carlo simulation for radiobiologic studies of megavoltage grid radiotherapy. International Journal of Radiation Oncology Biology Physics, 2006, 66, 1576-1583.	0.8	26