

Hualin Zhang

List of Publications by Year in descending order

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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	The Technical and Clinical Implementation of LATTICE Radiation Therapy (LRT). Radiation Research, 2020, 194, 737-746.	1.5	42
2	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
3	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
4	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
5	Impact of dose size in single fraction spatially fractionated (grid) radiotherapy for melanoma. Medical Physics, 2014, 41, 021727.	3.0	24
6	A treatment planning approach to spatially fractionated megavoltage grid therapy for bulky lung cancer. Medical Dosimetry, 2014, 39, 218-226.	0.9	15
7	Development of a gynecologic brachytherapy curriculum and simulation modules to improve radiation oncology trainees' skills and confidence. Brachytherapy, 2020, 19, 732-737.	0.5	15
8	Development of a deformable dosimetric phantom to verify dose accumulation algorithms for adaptive radiotherapy. Journal of Medical Physics, 2016, 41, 106.	0.3	12
9	Comparison of 16 mm OSU ^{Ag} and COMS eye plaques. Journal of Applied Clinical Medical Physics, 2012, 13, 166-178.	1.9	9
10	Technical Note: Dosimetric impact of spherical applicator size in Intrabeam [®] IORT for treating unicentric breast cancer lesions. Medical Physics, 2017, 44, 6706-6714.	3.0	9
11	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
12	Dosimetric perturbations at high-Z interfaces with high dose rate ¹⁹² Ir source. Physica Medica, 2014, 30, 782-790.	0.7	8
13	Dosimetric impact of cylinder size in high-dose rate vaginal cuff brachytherapy (VCBT) for primary endometrial cancer. Journal of Applied Clinical Medical Physics, 2016, 17, 262-272.	1.9	8
14	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
15	An International Consensus on the Design of Prospective Clinical [†] Translational Trials in Spatially Fractionated Radiation Therapy. Advances in Radiation Oncology, 2022, 7, 100866.	1.2	7
16	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
17	Therapeutic analysis of Intrabeam [®] -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
18	A Dosimetric Parameter Reference Look-Up Table for GRID Collimator-Based Spatially Fractionated Radiation Therapy. Cancers, 2022, 14, 1037.	3.7	6

#	ARTICLE	IF	CITATIONS
19	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
20	Dosimetric comparison between model 9011 and 6711 sources in prostate implants. Medical Dosimetry, 2013, 38, 199-203.	0.9	0
21	Recommendations for intraoperative mesh brachytherapy: Report of AAPM Task Group No. 222. Medical Physics, 2021, 48, e969-e990.	3.0	0