

He Wang

List of Publications by Year in descending order

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14
papers

1,018
citations

933447

10
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

1273
citing authors

#	ARTICLE	IF	CITATIONS
1	Brain stereotactic radiosurgery using MR-guided online adaptive planning for daily setup variation: An end-to-end test. Journal of Applied Clinical Medical Physics, 2022, 23, e13518.	1.9	7
2	Defining the dose-volume criteria for laryngeal sparing in locally advanced oropharyngeal cancer utilizing split-field IMRT, whole-field IMRT and VMAT. Journal of Applied Clinical Medical Physics, 2021, 22, 37-44.	1.9	3
3	Estimating PTV Margins in Head and Neck Stereotactic Ablative Radiation Therapy (SABR) Through Target Site Analysis of Positioning and Intrafractional Accuracy. International Journal of Radiation Oncology Biology Physics, 2020, 106, 185-193.	0.8	12
4	SABR for Skull Base Malignancies: A Systematic Analysis of Set-Up and Positioning Accuracy. Practical Radiation Oncology, 2020, 10, 363-371.	2.1	3
5	Optimizing laryngeal sparing with intensity modulated radiotherapy or volumetric modulated arc therapy for unilateral tonsil cancer. Physics and Imaging in Radiation Oncology, 2019, 10, 29-34.	2.9	2
6	Radial dose distributions from carbon ions of therapeutic energies calculated with Geant4-DNA. Physics in Medicine and Biology, 2017, 62, N219-N227.	3.0	14
7	Clinical outcomes after local field conformal reirradiation of patients with retropharyngeal nodal metastasis. Head and Neck, 2017, 39, 2079-2087.	2.0	15
8	Improved setup and positioning accuracy using a three-point customized cushion/mask/bite block immobilization system for stereotactic reirradiation of head and neck cancer. Journal of Applied Clinical Medical Physics, 2016, 17, 180-189.	1.9	32
9	Radial dose distributions from protons of therapeutic energies calculated with Geant4-DNA. Physics in Medicine and Biology, 2014, 59, 3657-3668.	3.0	20
10	Dosimetric Effect of Translational and Rotational Errors for Patients Undergoing Image-Guided Stereotactic Body Radiotherapy for Spinal Metastases. International Journal of Radiation Oncology Biology Physics, 2008, 71, 1261-1271.	0.8	94
11	Improving Soft-Tissue Contrast in Four-Dimensional Computed Tomography Images of Liver Cancer Patients Using a Deformable Image Registration Method. International Journal of Radiation Oncology Biology Physics, 2008, 72, 201-209.	0.8	13
12	Performance Evaluation of Automatic Anatomy Segmentation Algorithm on Repeat or Four-Dimensional Computed Tomography Images Using Deformable Image Registration Method. International Journal of Radiation Oncology Biology Physics, 2008, 72, 210-219.	0.8	98
13	Implementation and validation of a three-dimensional deformable registration algorithm for targeted prostate cancer radiotherapy. International Journal of Radiation Oncology Biology Physics, 2005, 61, 725-735.	0.8	168
14	Validation of an accelerated "demonstrated" algorithm for deformable image registration in radiation therapy. Physics in Medicine and Biology, 2005, 50, 2887-2905.	3.0	537