

Shupeng Chen

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

234
citations

1307594

7
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

356
citing authors

#	ARTICLE	IF	CITATIONS
1	Developing an accurate model of spot-scanning treatment delivery time and sequence for a compact superconducting synchrocyclotron proton therapy system. <i>Radiation Oncology</i> , 2022, 17, 87.	2.7	13
2	Evaluation of DIR schemes on tumor/organ with progressive shrinkage: accuracy of tumor/organ internal tissue tracking during the radiation treatment. <i>Radiotherapy and Oncology</i> , 2022, , .	0.6	0
3	Inter/intra-tumoral dose response variations assessed using FDG-PET/CT feedback images: Impact on tumor control and treatment dose prescription. <i>Radiotherapy and Oncology</i> , 2021, 154, 235-242.	0.6	5
4	Effect of uncertainties in quantitative ¹⁸ F- ¹⁸ F-FDG PET/CT imaging feedback for intratumoral dose response assessment and dose painting by number. <i>Medical Physics</i> , 2020, 47, 5681-5692.	3.0	8
5	Magnetic resonance-based synthetic computed tomography images generated using generative adversarial networks for nasopharyngeal carcinoma radiotherapy treatment planning. <i>Radiotherapy and Oncology</i> , 2020, 150, 217-224.	0.6	49
6	Optimal dose limitation strategy for bone marrow sparing in intensity-modulated radiotherapy of cervical cancer. <i>Radiation Oncology</i> , 2019, 14, 118.	2.7	13
7	Tumor Voxel Dose-Response Matrix and Dose Prescription Function Derived Using 18F-FDG PET/CT Images for Adaptive Dose Painting by Number. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019, 104, 207-218.	0.8	26
8	Technical Note: U-net-generated synthetic CT images for magnetic resonance imaging-only prostate intensity-modulated radiation therapy treatment planning. <i>Medical Physics</i> , 2018, 45, 5659-5665.	3.0	76
9	A feasibility study of intrafractional tumor motion estimation based on 4D-CBCT using diaphragm as surrogate. <i>Journal of Applied Clinical Medical Physics</i> , 2018, 19, 525-531.	1.9	7
10	MR image-based synthetic CT for IMRT prostate treatment planning and CBCT image-guided localization. <i>Journal of Applied Clinical Medical Physics</i> , 2016, 17, 236-245.	1.9	37