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