

Wenhua Cao

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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1163117

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15
docs citations

15
times ranked

386
citing authors

#	ARTICLE	IF	CITATIONS
1	A hybrid deep learning model for forecasting lymphocyte depletion during radiation therapy. Medical Physics, 2022, 49, 3507-3522.	3.0	6
2	Knowledge-based planning for the radiation therapy treatment plan quality assurance for patients with head and neck cancer. Journal of Applied Clinical Medical Physics, 2022, 23, e13614.	1.9	11
3	Radiation-Induced Lymphopenia Risks of Photon Versus Proton Therapy for Esophageal Cancer Patients. International Journal of Particle Therapy, 2021, 8, 17-27.	1.8	11
4	Identifying Individualized Risk Profiles for Radiotherapy-Induced Lymphopenia Among Patients With Esophageal Cancer Using Machine Learning. JCO Clinical Cancer Informatics, 2021, 5, 1044-1053.	2.1	7
5	A risk-based modeling approach for radiation therapy treatment planning under tumor shrinkage uncertainty. European Journal of Operational Research, 2020, 280, 266-278.	5.7	20
6	A biological effect-guided optimization approach using beam distal-edge avoidance for intensity-modulated proton therapy. Medical Physics, 2020, 47, 3816-3825.	3.0	11
7	Exploring the advantages of intensity-modulated proton therapy: experimental validation of biological effects using two different beam intensity-modulation patterns. Scientific Reports, 2020, 10, 3199.	3.3	7
8	Reply to Comment on "Linear energy transfer incorporated intensity modulated proton therapy optimization". Physics in Medicine and Biology, 2019, 64, 058002.	3.0	1
9	Linear energy transfer incorporated intensity modulated proton therapy optimization. Physics in Medicine and Biology, 2018, 63, 015013.	3.0	59
10	Comparison of linear and nonlinear programming approaches for "worst case dose" and "minimax" robust optimization of intensity-modulated proton therapy dose distributions. Journal of Applied Clinical Medical Physics, 2017, 18, 15-25.	1.9	19
11	Impact of respiratory motion on variable relative biological effectiveness in 4D-dose distributions of proton therapy. Acta Oncologica, 2017, 56, 1420-1427.	1.8	5
12	Evaluation and mitigation of the interplay effects of intensity modulated proton therapy for lung cancer in a clinical setting. Practical Radiation Oncology, 2014, 4, e259-e268.	2.1	56
13	On the interplay effects with proton scanning beams in stage III lung cancer. Medical Physics, 2014, 41, 021721.	3.0	87