

Wentao Wang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Fluence Map Prediction Using Deep Learning Models â€œ Direct Plan Generation for Pancreas Stereotactic Body Radiation Therapy. <i>Frontiers in Artificial Intelligence</i> , 2020, 3, 68.	3.4	29
2	An artificial intelligenceâ€driven agent for realâ€time headâ€andâ€neck IMRT plan generation using conditional generative adversarial network (cGAN). <i>Medical Physics</i> , 2021, 48, 2714-2723.	3.0	19
3	Deep Learningâ€Based Fluence Map Prediction for Pancreas Stereotactic Body Radiation Therapy With Simultaneous Integrated Boost. <i>Advances in Radiation Oncology</i> , 2021, 6, 100672.	1.2	16
4	Artificial intelligence applications in intensity modulated radiation treatment planning: an overview. <i>Quantitative Imaging in Medicine and Surgery</i> , 2021, 11, 4859-4880.	2.0	9
5	Goal-Driven Beam Setting Optimization for Whole-Breast Radiation Therapy. <i>Technology in Cancer Research and Treatment</i> , 2019, 18, 153303381985866.	1.9	7
6	Transfer learning for fluence map prediction in adrenal stereotactic body radiation therapy. <i>Physics in Medicine and Biology</i> , 2021, 66, .	3.0	5
7	Assessing the robustness of artificial intelligence powered planning tools in radiotherapy clinical settingsâ€a phantom simulation approach. <i>Quantitative Imaging in Medicine and Surgery</i> , 2021, 11, 0-0.	2.0	1
8	Insights of an AI agent via analysis of prediction errors: a case study of fluence map prediction for radiation therapy planning. <i>Physics in Medicine and Biology</i> , 2021, 66, 23NT01.	3.0	1
9	A data-driven approach to optimal beam/arc angle selection for liver stereotactic body radiation therapy treatment planning. <i>Quantitative Imaging in Medicine and Surgery</i> , 2021, 11, 0-0.	2.0	0