

Xiaoying Liang

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

207
citations

1162889

8
h-index

1125617

13
g-index

23
all docs

23
docs citations

23
times ranked

265
citing authors

#	ARTICLE	IF	CITATIONS
1	Prognostic factors of radiation dermatitis following passive-scattering proton therapy for breast cancer. <i>Radiation Oncology</i> , 2018, 13, 72.	1.2	35
2	Using Quantitative Imaging for Personalized Medicine in Pancreatic Cancer: A Review of Radiomics and Deep Learning Applications. <i>Cancers</i> , 2022, 14, 1654.	1.7	27
3	A comprehensive dosimetric study of Monte Carlo and pencilâ€beam algorithms on intensityâ€modulated proton therapy for breast cancer. <i>Journal of Applied Clinical Medical Physics</i> , 2019, 20, 128-136.	0.8	24
4	Still equivalent for dose calculation in the Monte Carlo era? A comparison of free breathing and average intensity projection <scp>CT</scp> datasets for lung <scp>SBRT</scp> using three generations of dose calculation algorithms. <i>Medical Physics</i> , 2017, 44, 1939-1947.	1.6	17
5	ITV-Based Robust Optimization for VMAT Planning of Stereotactic Body Radiation Therapy of Lung Cancer. <i>Practical Radiation Oncology</i> , 2019, 9, 38-48.	1.1	16
6	A Technical Guide for Passive Scattering Proton Radiation Therapy for Breast Cancer. <i>International Journal of Particle Therapy</i> , 2017, 3, 473-484.	0.9	10
7	Using Robust Optimization for Skin Flashing in Intensity Modulated Radiation Therapy for Breast Cancer Treatment: A Feasibility Study. <i>Practical Radiation Oncology</i> , 2020, 10, 59-69.	1.1	9
8	Incorporation of the LETd-weighted biological dose in the evaluation of breast intensity-modulated proton therapy plans. <i>Acta OncolÃ³gica</i> , 2021, 60, 252-259.	0.8	9
9	The Potential Use of Radiomics with Pre-Radiation Therapy MR Imaging in Predicting Risk of Pseudoprogression in Glioblastoma Patients. <i>Journal of Imaging</i> , 2021, 7, 17.	1.7	9
10	Dosimetric and radiobiological comparison for quality assurance of IMRT and VMAT plans. <i>Journal of Applied Clinical Medical Physics</i> , 2017, 18, 237-244.	0.8	8
11	Dosimetric consequences of image guidance techniques on robust optimized intensity-modulated proton therapy for treatment of breast Cancer. <i>Radiation Oncology</i> , 2020, 15, 47.	1.2	8
12	Establishing Cost-Effective Allocation of Proton Therapy for Patients With Mediastinal Hodgkin Lymphoma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2022, 112, 158-166.	0.4	7
13	The impact of dose algorithms on tumor control probability in intensity-modulated proton therapy for breast cancer. <i>Physica Medica</i> , 2019, 61, 52-57.	0.4	5
14	Commissioning and validation of TOPAS beam model for IBA Proteus-ONE at UFHPTI. <i>Radiation Physics and Chemistry</i> , 2021, 180, 109256.	1.4	5
15	Robust optimization should be used to replace PTV in radiotherapy treatment planning. <i>Medical Physics</i> , 2021, 48, 7565-7567.	1.6	5
16	Associations between Statin/Omega3 Usage and MRI-Based Radiomics Signatures in Prostate Cancer. <i>Diagnostics</i> , 2021, 11, 85.	1.3	5
17	RBEâ€weighted dose and its impact on the risk of acute coronary event for breast cancer patients treated with intensity modulated proton therapy. <i>Journal of Applied Clinical Medical Physics</i> , 2022, 23, .	0.8	3
18	Patient-specific quality assurance and plan dose errors on breast intensity-modulated proton therapy. <i>Physica Medica</i> , 2020, 77, 84-91.	0.4	2

#	ARTICLE	IF	CITATIONS
19	Hyperfractionated-Accelerated Reirradiation with Proton Therapy for Radiation-Associated Breast Angiosarcoma. International Journal of Particle Therapy, 2022, 8, 55-67.	0.9	2
20	Using flattening filter free beams in electronic tissue compensation whole breast irradiation with deep inspiration breath hold. Journal of Applied Clinical Medical Physics, 2020, 21, 280-287.	0.8	1
21	Postoperative or Salvage Proton Radiotherapy for Prostate Cancer After Radical Prostatectomy. International Journal of Particle Therapy, 2021, 7, 52-64.	0.9	0
22	Pericardial Effusion during Proton Therapy in a Patient with Chemorefractory Hodgkin Lymphoma. International Journal of Particle Therapy, 2022, 8, 76-81.	0.9	0