

Sua Yoo

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

752
citations

1039406

9
h-index

1058022

14
g-index

14
all docs

14
docs citations

14
times ranked

817
citing authors

#	ARTICLE	IF	CITATIONS
1	Dosimetric feasibility of cone-beam CT-based treatment planning compared to CT-based treatment planning. <i>International Journal of Radiation Oncology Biology Physics</i> , 2006, 66, 1553-1561.	0.4	209
2	Radiotherapy Treatment Plans With RapidArc for Prostate Cancer Involving Seminal Vesicles and Lymph Nodes. <i>International Journal of Radiation Oncology Biology Physics</i> , 2010, 76, 935-942.	0.4	152
3	A quality assurance program for the on-board imager ^Â . <i>Medical Physics</i> , 2006, 33, 4431-4447.	1.6	133
4	Preoperative Single-Fraction Partial Breast Radiation Therapy: A Novel Phase 1, Dose-Escalation Protocol With Radiation Response Biomarkers. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 92, 846-855.	0.4	113
5	Dosimetric comparison of 3D conformal, IMRT, and V-MAT techniques for accelerated partial-breast irradiation (APBI). <i>Medical Dosimetry</i> , 2014, 39, 152-158.	0.4	31
6	A phase 1 trial of preoperative partial breast radiation therapy: Patient selection, target delineation, and dose delivery. <i>Practical Radiation Oncology</i> , 2015, 5, e513-e520.	1.1	26
7	Clinical Evaluation of Positioning Verification Using Digital Tomosynthesis and Bony Anatomy and Soft Tissues for Prostate Image-Guided Radiotherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2009, 73, 296-305.	0.4	23
8	Automatic Planning of Whole Breast Radiation Therapy Using Machine Learning Models. <i>Frontiers in Oncology</i> , 2019, 9, 750.	1.3	22
9	A greedy heuristic using adjoint functions for the optimization of seed and needle configurations in prostate seed implant. <i>Physics in Medicine and Biology</i> , 2007, 52, 815-828.	1.6	13
10	Dosimetric comparison of preoperative single-fraction partial breast radiotherapy techniques: 3D CRT, noncoplanar IMRT, coplanar IMRT, and VMAT. <i>Journal of Applied Clinical Medical Physics</i> , 2015, 16, 183-207.	0.8	12
11	Comparison of 3D conformal breast radiation treatment plans using the anisotropic analytical algorithm and pencil beam convolution algorithm. <i>Radiotherapy and Oncology</i> , 2012, 103, 172-177.	0.3	9
12	Goal-Driven Beam Setting Optimization for Whole-Breast Radiation Therapy. <i>Technology in Cancer Research and Treatment</i> , 2019, 18, 153303381985866.	0.8	7
13	Clinical Experience With Machine Learning-Based Automated Treatment Planning for Whole Breast Radiation Therapy. <i>Advances in Radiation Oncology</i> , 2021, 6, 100656.	0.6	1
14	Accuracy and efficiency of image-guided radiation therapy (IGRT) for preoperative partial breast radiosurgery. <i>Journal of Radiosurgery and SBRT</i> , 2020, 6, 295-301.	0.2	1