

Amy S Yu

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

279
citations

1307543

7
h-index

940516

16
g-index

18
all docs

18
docs citations

18
times ranked

285
citing authors

#	ARTICLE	IF	CITATIONS
1	A robotically assisted 3D printed quality assurance lung phantom for Calypso. <i>Physics in Medicine and Biology</i> , 2021, 66, 074005.	3.0	3
2	CT-less electron radiotherapy simulation and planning with a consumer 3D camera. <i>Journal of Applied Clinical Medical Physics</i> , 2021, 22, 128-136.	1.9	3
3	Nontoxic electron collimators. <i>Journal of Applied Clinical Medical Physics</i> , 2021, 22, 73-81.	1.9	6
4	Knowledge, Information Sources, and Institutional Trust of Patients Regarding Medication Use in Pregnancy: A Systematic Review. <i>Journal of Family & Reproductive Health</i> , 2021, 15, 160-171.	0.4	3
5	The benefit of using the AAPM Journal app. <i>Journal of Applied Clinical Medical Physics</i> , 2020, 21, 4-5.	1.9	0
6	Abdominal FLASH irradiation reduces radiation-induced gastrointestinal toxicity for the treatment of ovarian cancer in mice. <i>Scientific Reports</i> , 2020, 10, 21600.	3.3	119
7	Patient motion tracking for non-isocentric and non-coplanar treatments via fixed frame-of-reference 3D camera. <i>Journal of Applied Clinical Medical Physics</i> , 2020, 21, 162-166.	1.9	1
8	An integrated quality assurance phantom for frameless single-isocenter multitarget stereotactic radiosurgery. <i>Physics in Medicine and Biology</i> , 2020, 65, 115006.	3.0	15
9	FLASH Irradiation Results in Reduced Severe Skin Toxicity Compared to Conventional-Dose-Rate Irradiation. <i>Radiation Research</i> , 2020, 194, 618-624.	1.5	64
10	Tungsten filled 3D printed field shaping devices for electron beam radiation therapy. <i>PLoS ONE</i> , 2019, 14, e0217757.	2.5	17
11	Factor 10 Expedience of Monthly Linac Quality Assurance via an Ion Chamber Array and Automation Scripts. <i>Technology in Cancer Research and Treatment</i> , 2019, 18, 153303381987689.	1.9	5
12	Chest wall dose reduction using noncoplanar volumetric modulated arc radiation therapy for lung stereotactic ablative radiation therapy. <i>Practical Radiation Oncology</i> , 2018, 8, e199-e207.	2.1	4
13	A novel integrated quality assurance phantom for radiographic and nonradiographic radiotherapy localization and positioning systems. <i>Medical Physics</i> , 2018, 45, 2857-2863.	3.0	6
14	Using a handheld stereo depth camera to overcome limited field-of-view in simulation imaging for radiation therapy treatment planning. <i>Medical Physics</i> , 2017, 44, 1857-1864.	3.0	9
15	Intrafractional Tracking Accuracy of a Transperineal Ultrasound Image Guidance System for Prostate Radiotherapy. <i>Technology in Cancer Research and Treatment</i> , 2017, 16, 1067-1078.	1.9	12
16	A Robust and Affordable Table Indexing Approach for Multi-isocenter Dosimetrically Matched Fields. <i>Cureus</i> , 2017, 9, e1270.	0.5	1
17	Noninvasive pulmonary nodule elastometry by CT and deformable image registration. <i>Radiotherapy and Oncology</i> , 2015, 115, 35-40.	0.6	7
18	Anatomic optimization of lung tumor stereotactic ablative radiation therapy. <i>Practical Radiation Oncology</i> , 2015, 5, e607-e613.	2.1	4