

# Wu Liu

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Optimized Hybrid Megavoltage-Kilovoltage Imaging Protocol for Volumetric Prostate Arc Therapy. International Journal of Radiation Oncology Biology Physics, 2010, 78, 595-604.	0.4	18
2	Incorporating patient-specific CT-based ophthalmic anatomy in modeling iodine-125 eye plaque brachytherapy dose distributions. Brachytherapy, 2017, 16, 1057-1064.	0.2	17
3	On the use of bolus for pacemaker dose measurement and reduction in radiation therapy. Journal of Applied Clinical Medical Physics, 2018, 19, 125-131.	0.8	16
4	Clinical development of a failure detection-based online repositioning strategy for prostate IMRT—Experiments, simulation, and dosimetry study. Medical Physics, 2010, 37, 5287-5297.	1.6	14
5	A Failure Detection Strategy for Intrafraction Prostate Motion Monitoring With On-Board Imagers for Fixed-Gantry IMRT. International Journal of Radiation Oncology Biology Physics, 2010, 78, 904-911.	0.4	14
6	Tumor-targeted pH-low insertion peptide delivery of theranostic gadolinium nanoparticles for image-guided nanoparticle-enhanced radiation therapy. Translational Oncology, 2020, 13, 100839.	1.7	13
7	MR to ultrasound image registration with segmentation-based learning for HDR prostate brachytherapy. Medical Physics, 2021, 48, 3074-3083.	1.6	13
8	Practice Patterns for the Treatment of Uveal Melanoma with Iodine-125 Plaque Brachytherapy: Ocular Oncology Study Consortium Report 5. Ocular Oncology and Pathology, 2020, 6, 210-218.	0.5	8
9	Monte Carlo dosimetry modeling of focused kV x-ray radiotherapy of eye diseases with potential nanoparticle dose enhancement. Medical Physics, 2018, 45, 4720-4733.	1.6	7
10	Microdosimetric Investigation and a Novel Model of Radiosensitization in the Presence of Metallic Nanoparticles. Pharmaceutics, 2021, 13, 2191.	2.0	4
11	Novel Eye Plaque Designs for Brachytherapy of Iris and Ciliary Body Melanoma and the First Clinical Application. Ocular Oncology and Pathology, 2019, 5, 220-228.	0.5	3
12	Precision radiotherapy using monochromatic inverse Compton x-ray sources. Medical Physics, 2021, 48, 366-375.	1.6	2
13	Outcomes and prognostic factors of placental-site trophoblastic tumor: a retrospective study of 58 cases. Archives of Gynecology and Obstetrics, 2022, 306, 1633-1641.	0.8	2
14	Comparison of 2D and 3D modeled tumor motion estimation/prediction for dynamic tumor tracking during arc radiotherapy. Physics in Medicine and Biology, 2017, 62, N168-N179.	1.6	1
15	Dosimetry modeling of focused kV x-ray radiotherapy for wet age-related macular degeneration. Medical Physics, 2020, 47, 5123-5134.	1.6	1
16	Real-time marker tracking for MV treatment beam imaging. , 2013, , .		0