

# Chen-Yu Huang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10747237/publications.pdf>

Version: 2024-02-01

15  
papers

370  
citations

933264

10  
h-index

1058333

14  
g-index

16  
all docs

16  
docs citations

16  
times ranked

537  
citing authors

#	ARTICLE	IF	CITATIONS
1	The first clinical treatment with kilovoltage intrafraction monitoring (KIM): A real-time image guidance method. <i>Medical Physics</i> , 2015, 42, 354-358.	1.6	71
2	Six Degrees-of-Freedom Prostate and Lung Tumor Motion Measurements Using Kilovoltage Intrafraction Monitoring. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 91, 368-375.	0.4	60
3	Real-Time 3D Image Guidance Using a Standard LINAC: Measured Motion, Accuracy, and Precision of the First Prospective Clinical Trial of Kilovoltage Intrafraction Monitoring-Guided Gating for Prostate Cancer Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 94, 1015-1021.	0.4	48
4	The first clinical implementation of a real-time six degree of freedom target tracking system during radiation therapy based on Kilovoltage Intrafraction Monitoring (KIM). <i>Radiotherapy and Oncology</i> , 2017, 123, 37-42.	0.3	39
5	Microdosimetry for Targeted Alpha Therapy of Cancer. <i>Computational and Mathematical Methods in Medicine</i> , 2012, 2012, 1-6.	0.7	30
6	Targeted alpha anticancer therapies: update and future prospects. <i>Biologics: Targets and Therapy</i> , 2014, 8, 255.	3.0	29
7	Monte Carlo calculation of the maximum therapeutic gain of tumor antivasculature alpha therapy. <i>Medical Physics</i> , 2012, 39, 1282-1288.	1.6	23
8	Optimizing radioimmunoconjugate delivery in the treatment of solid tumor. <i>Cancer Treatment Reviews</i> , 2012, 38, 854-860.	3.4	22
9	The accuracy and precision of Kilovoltage Intrafraction Monitoring (KIM) six degree-of-freedom prostate motion measurements during patient treatments. <i>Radiotherapy and Oncology</i> , 2018, 126, 236-243.	0.3	17
10	Functional imaging equivalence and proof of concept for image-guided adaptive radiotherapy with fixed gantry and rotating couch. <i>Advances in Radiation Oncology</i> , 2016, 1, 365-372.	0.6	10
11	Performance assessment of a programmable five degrees-of-freedom motion platform for quality assurance of motion management techniques in radiotherapy. <i>Australasian Physical and Engineering Sciences in Medicine</i> , 2017, 40, 643-649.	1.4	8
12	Effects on skin dose from unwanted air gaps under bolus in an MR-guided linear accelerator (MR-linac) system. <i>Physics in Medicine and Biology</i> , 2021, 66, 065021.	1.6	7
13	First clinical implementation of audiovisual biofeedback in liver cancer stereotactic body radiation therapy. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2015, 59, 654-656.	0.9	4
14	Out-of-field dose and its constituent components for a 1.5 T MR-Linac. <i>Physics in Medicine and Biology</i> , 2021, 66, 225012.	1.6	2
15	Professor Barry Allen's deep footprints in space, time and spirit. <i>Physical and Engineering Sciences in Medicine</i> , 2020, 43, 3-5.	1.3	0