

# Ming Chao

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1894532/publications.pdf>

Version: 2024-02-01

15  
papers

230  
citations

1163117

8  
h-index

996975

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

261  
citing authors

#	ARTICLE	IF	CITATIONS
1	Auto-propagation of contours for adaptive prostate radiation therapy. <i>Physics in Medicine and Biology</i> , 2008, 53, 4533-4542.	3.0	50
2	37, 2351-2358.	3.0	35
3	Tissue Feature-Based and Segmented Deformable Image Registration for Improved Modeling of Shear Movement of Lungs. <i>International Journal of Radiation Oncology Biology Physics</i> , 2009, 74, 1256-1265.	0.8	31
4	Automated Contour Mapping With a Regional Deformable Model. <i>International Journal of Radiation Oncology Biology Physics</i> , 2008, 70, 599-608.	0.8	30
5	Deformable Image Registration of Liver With Consideration of Lung Sliding Motion. <i>Medical Physics</i> , 2011, 38, 5351-5361.	3.0	27
6	Automated contour mapping using sparse volume sampling for 4D radiation therapy. <i>Medical Physics</i> , 2007, 34, 4023-4029.	3.0	14
7	Robust breathing signal extraction from cone beam CT projections based on adaptive and global optimization techniques. <i>Physics in Medicine and Biology</i> , 2016, 61, 3109-3126.	3.0	12
8	Voxel-Based Dose Reconstruction for Total Body Irradiation With Helical TomoTherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 82, 1575-1583.	0.8	10
9	Three-dimensional cluster formation and structure in heterogeneous dose distribution of intensity modulated radiation therapy. <i>Radiotherapy and Oncology</i> , 2018, 127, 197-205.	0.6	5
10	Study of Image Qualities From 6D Robot-Based CBCT Imaging System of Small Animal Irradiator. <i>Technology in Cancer Research and Treatment</i> , 2017, 16, 811-818.	1.9	4
11	A Feasibility Study of Tumor Motion Estimate With Regional Deformable Registration Method for 4-Dimensional Radiation Therapy of Lung Cancer. <i>Technology in Cancer Research and Treatment</i> , 2016, 15, NP8-NP16.	1.9	3
12	A constrained linear regression optimization algorithm for diaphragm motion tracking with cone beam CT projections. <i>Physica Medica</i> , 2018, 46, 7-15.	0.7	3
13	Tracking fuzzy borders using geodesic curves with application to liver segmentation on planning CT. <i>Medical Physics</i> , 2015, 42, 4015-4026.	3.0	2
14	Dose cluster model parameterization of the parotid gland in irradiation of head and neck cancer. <i>Physical and Engineering Sciences in Medicine</i> , 2020, 43, 143-153.	2.4	2
15	Cluster model incorporating heterogeneous dose distribution of partial parotid irradiation for radiotherapy induced xerostomia prediction with machine learning methods. <i>Acta Oncologica</i> , 2022, 61, 842-848.	1.8	2