Jinghao Zhou

List of Publications by Year
in descending order

25 papers	310 citations	1040056 9 h-index	1125743 13 g-index
25 all docs	25 docs citations	25 times ranked	502 citing authors

#	Article	IF	Citations
1	Intrafractional Target Motions and Uncertainties of Treatment Setup Reference Systems in Accelerated Partial Breast Irradiation. International Journal of Radiation Oncology Biology Physics, 2011, 79, 1549-1556.	0.8	43
2	Semi-Supervised Segmentation of Radiation-Induced Pulmonary Fibrosis From Lung CT Scans With Multi-Scale Guided Dense Attention. IEEE Transactions on Medical Imaging, 2022, 41, 531-542.	8.9	35
3	Objectâ€constrained meshless deformable algorithm for high speed 3D nonrigid registration between CT and CBCT. Medical Physics, 2010, 37, 197-210.	3.0	33
4	Determination of optimal fiducial marker across imageâ€guided radiation therapy (IGRT) modalities: visibility and artifact analysis of gold, carbon, and polymer fiducial markers. Journal of Applied Clinical Medical Physics, 2012, 13, 181-189.	1.9	33
5	An Automatic Method for Ground Glass Opacity Nodule Detection and Segmentation from CT Studies. , 2006, 2006, 3062-5.		22
6	A boosting regression approach to medical anatomy detection. , 2007, , .		22
7	Automated compromised right lung segmentation method using a robust atlas-based active volume model with sparse shape composition prior in CT. Computerized Medical Imaging and Graphics, 2015, 46, 47-55.	5.8	19
8	VASCULAR STRUCTURE SEGMENTATION AND BIFURCATION DETECTION. , 2007, , .		16
9	3D Meshless Prostate Segmentation and Registration in Image Guided Radiotherapy. Lecture Notes in Computer Science, 2009, 12, 43-50.	1.3	15
10	A Comparison of Helical Intensity-Modulated Radiotherapy, Intensity-Modulated Radiotherapy, and 3D-Conformal Radiation Therapy for Pancreatic Cancer. Medical Dosimetry, 2011, 36, 351-357.	0.9	13
11	Should regional ventilation function be considered during radiation treatment planning to prevent radiationâ€induced complications?. Medical Physics, 2016, 43, 5072-5079.	3.0	13
12	A 3D globalâ€toâ€local deformable mesh model based registration and anatomyâ€constrained segmentation method for image guided prostate radiotherapy. Medical Physics, 2010, 37, 1298-1308.	3.0	11
13	Action Levels on Dose and Anatomic Variation for Adaptive Radiation Therapy Using Daily Offline Plan Evaluation: Preliminary Results. Practical Radiation Oncology, 2019, 9, 49-54.	2.1	8
14	A novel learning based segmentation method for rodent brain structures using MRI. , 2008, , .		5
15	Robust image registration in the gradient domain. , 2015, , .		5
16	Incidental Coronary Artery Calcium on Breast Radiation Therapy Planning Scans Identifies Patients for Cardiac Preventive Therapy. American Journal of Clinical Oncology: Cancer Clinical Trials, 2020, 43, 826-831.	1.3	5
17	An adaptive tracking algorithm of lung tumors in fluoroscopy using online learned collaborative trackers. , 2010, 2010, 209-212.		4
18	A Laplacian Surface Deformation and Optimization Based 3D Registration Algorithm for Image Guided Prostate Radiotherapy. International Journal of Medical Physics, Clinical Engineering and Radiation Oncology, 2012, 01, 40-49.	0.1	3

#	Article	IF	Citations
19	3D-3D tubular organs registration based on bifurcations for the CT images. , 2008, 2008, 5394-7.		1
20	Segmentation of rodent brains from MRI based on a novel statistical structure prediction method. , 2009, , .		1
21	3D segmentation of rodent brains using deformable models and variational methods. , 2009, , .		1
22	Efficient deformable model with sparse shape composition prior on compromised right lung segmentation in CT. , 2014, , .		1
23	Registration of Lung Tissue Between Fluoroscope and CT Images:ÂDetermination of Beam Gating Parameters in Radiotherapy. Lecture Notes in Computer Science, 2007, 10, 751-758.	1.3	1
24	Automated Pulmonary Fibrosis Segmentation Using a 3D Multi-Scale Convolutional Encoder-Decoder Approach in Thoracic CT for the Rhesus Macaque with Radiation-Induced Lung Damage. Journal of Signal Processing Systems, 2020, , 1.	2.1	0
25	3D-3D Tubular Organ Registration and Bifurcation Detection from CT Images. , 0, , .		0