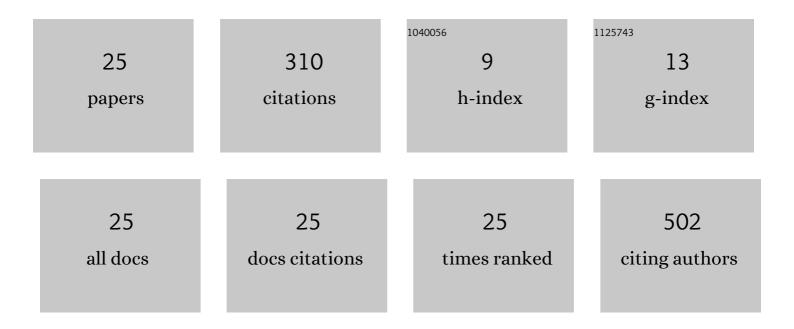
Jinghao Zhou

List of Publications by Year in descending order

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Ιινιαμλο Ζμου

| # | 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€ŧoâ€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 |

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| # | 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 |