Jun Lian

List of Publications by Year
in descending order

21 papers	1,252 citations	759233 12 h-index	839539 18 g-index
22 all docs	22 docs citations	22 times ranked	1996 citing authors

#	Article	IF	Citations
1	Boundary Coding Representation for Organ Segmentation in Prostate Cancer Radiotherapy. IEEE Transactions on Medical Imaging, 2021, 40, 310-320.	8.9	12
2	Machine learning and statistical prediction of patient quality-of-life after prostate radiation therapy. Computers in Biology and Medicine, 2021, 129, 104127.	7.0	12
3	Asymmetric multi-task attention network for prostate bed segmentation in computed tomography images. Medical Image Analysis, 2021, 72, 102116.	11.6	14
4	Synthetic digital reconstructed radiographs for MR-only robotic stereotactic radiation therapy: A proof of concept. Computers in Biology and Medicine, 2021, 138, 104917.	7.0	1
5	High-Resolution Encoderâ€"Decoder Networks for Low-Contrast Medical Image Segmentation. IEEE Transactions on Image Processing, 2020, 29, 461-475.	9.8	126
6	Initial assessment of 3D magnetic resonance fingerprinting (MRF) towards quantitative brain imaging for radiation therapy. Medical Physics, 2020, 47, 1199-1214.	3.0	17
7	Iterative Label Denoising Network: Segmenting Male Pelvic Organs in CT From 3D Bounding Box Annotations. IEEE Transactions on Biomedical Engineering, 2020, 67, 2710-2720.	4.2	19
8	CT Male Pelvic Organ Segmentation via Hybrid Loss Network With Incomplete Annotation. IEEE Transactions on Medical Imaging, 2020, 39, 2151-2162.	8.9	14
9	Asymmetrical Multi-task Attention U-Net for the Segmentation of Prostate Bed in CT Image. Lecture Notes in Computer Science, 2020, 12264, 470-479.	1.3	9
10	Reconstructing Tissue Properties From Medical Images With Application in Cancer Screening. IEEE Transactions on Medical Robotics and Bionics, 2019, 1, 6-13.	3.2	0
11	Compensation of intrafractional motion for lung stereotactic body radiotherapy (SBRT) on helical TomoTherapy. Biomedical Physics and Engineering Express, 2019, 5, 025043.	1.2	7
12	STRAINet: Spatially Varying sTochastic Residual AdversarIal Networks for MRI Pelvic Organ Segmentation. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 1552-1564.	11.3	45
13	Medical Image Synthesis with Deep Convolutional Adversarial Networks. IEEE Transactions on Biomedical Engineering, 2018, 65, 2720-2730.	4.2	392
14	Pelvic Organ Segmentation with Sample Attention based Stochastic Connection Networks. Proceedings of the International Society for Magnetic Resonance in Medicine ... Scientific Meeting and Exhibition., 2018, 2018, .	0.5	0
15	Medical Image Synthesis with Context-Aware Generative Adversarial Networks. Lecture Notes in Computer Science, 2017, 10435, 417-425.	1.3	321
16	Evaluation of PET/MRI for Tumor Volume Delineation for Head and Neck Cancer. Frontiers in Oncology, 2017, 7, 8.	2.8	22
17	Prostate deformation from inflatable rectal probe cover and dosimetric effects in prostate seed implant brachytherapy. Medical Physics, 2016, 43, 6569-6576.	3.0	0
18	Accurate Segmentation of CT Male Pelvic Organs via Regression-Based Deformable Models and Multi-Task Random Forests. IEEE Transactions on Medical Imaging, 2016, 35, 1532-1543.	8.9	71

#	Article	IF	Citations
19	Sparse Patch-Based Label Propagation for Accurate Prostate Localization in CT Images. IEEE Transactions on Medical Imaging, 2013, 32, 419-434.	8.9	67
20	Dosimetric feasibility of sparing the primary site for oropharyngeal squamous cell carcinoma after transoral laser microsurgery in patients with unilateral positive neck nodes. Practical Radiation Oncology, 2013, 3, 282-286.	2.1	16
21	Modeling the dosimetry of organâ€ taâ€ risk in head and neck IMRT planning: An intertechnique and interinstitutional study. Medical Physics, 2013, 40, 121704.	3.0	85