

# Jun Lian

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3373296/publications.pdf>

Version: 2024-02-01

21  
papers

1,252  
citations

758635

12  
h-index

839053

18  
g-index

22  
all docs

22  
docs citations

22  
times ranked

1996  
citing authors

#	ARTICLE	IF	CITATIONS
1	Medical Image Synthesis with Deep Convolutional Adversarial Networks. IEEE Transactions on Biomedical Engineering, 2018, 65, 2720-2730.	2.5	392
2	Medical Image Synthesis with Context-Aware Generative Adversarial Networks. Lecture Notes in Computer Science, 2017, 10435, 417-425.	1.0	321
3	High-Resolution Encoder-Decoder Networks for Low-Contrast Medical Image Segmentation. IEEE Transactions on Image Processing, 2020, 29, 461-475.	6.0	126
4	Modeling the dosimetry of organ-at-risk in head and neck IMRT planning: An intertechnique and interinstitutional study. Medical Physics, 2013, 40, 121704.	1.6	85
5	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.	5.4	71
6	Sparse Patch-Based Label Propagation for Accurate Prostate Localization in CT Images. IEEE Transactions on Medical Imaging, 2013, 32, 419-434.	5.4	67
7	STRAINet: Spatially Varying Stochastic Residual Adversarial Networks for MRI Pelvic Organ Segmentation. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 1552-1564.	7.2	45
8	Evaluation of PET/MRI for Tumor Volume Delineation for Head and Neck Cancer. Frontiers in Oncology, 2017, 7, 8.	1.3	22
9	Iterative Label Denoising Network: Segmenting Male Pelvic Organs in CT From 3D Bounding Box Annotations. IEEE Transactions on Biomedical Engineering, 2020, 67, 2710-2720.	2.5	19
10	Initial assessment of 3D magnetic resonance fingerprinting (MRF) towards quantitative brain imaging for radiation therapy. Medical Physics, 2020, 47, 1199-1214.	1.6	17
11	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.	1.1	16
12	CT Male Pelvic Organ Segmentation via Hybrid Loss Network With Incomplete Annotation. IEEE Transactions on Medical Imaging, 2020, 39, 2151-2162.	5.4	14
13	Asymmetric multi-task attention network for prostate bed segmentation in computed tomography images. Medical Image Analysis, 2021, 72, 102116.	7.0	14
14	Boundary Coding Representation for Organ Segmentation in Prostate Cancer Radiotherapy. IEEE Transactions on Medical Imaging, 2021, 40, 310-320.	5.4	12
15	Machine learning and statistical prediction of patient quality-of-life after prostate radiation therapy. Computers in Biology and Medicine, 2021, 129, 104127.	3.9	12
16	Asymmetrical Multi-task Attention U-Net for the Segmentation of Prostate Bed in CT Image. Lecture Notes in Computer Science, 2020, 12264, 470-479.	1.0	9
17	Compensation of intrafractional motion for lung stereotactic body radiotherapy (SBRT) on helical TomoTherapy. Biomedical Physics and Engineering Express, 2019, 5, 025043.	0.6	7
18	Synthetic digital reconstructed radiographs for MR-only robotic stereotactic radiation therapy: A proof of concept. Computers in Biology and Medicine, 2021, 138, 104917.	3.9	1

#	ARTICLE	IF	CITATIONS
19	Prostate deformation from inflatable rectal probe cover and dosimetric effects in prostate seed implant brachytherapy. <i>Medical Physics</i> , 2016, 43, 6569-6576.	1.6	0
20	Reconstructing Tissue Properties From Medical Images With Application in Cancer Screening. <i>IEEE Transactions on Medical Robotics and Bionics</i> , 2019, 1, 6-13.	2.1	0
21	Pelvic Organ Segmentation with Sample Attention based Stochastic Connection Networks. <i>Proceedings of the International Society for Magnetic Resonance in Medicine ... Scientific Meeting and Exhibition.</i> , 2018, 2018, .	0.5	0