Kelei He

List of Publications by Year
in descending order

11 papers	**1,363** citations

933447
10 h-index

1281871
11 g-index

12 all docs	**12** docs citations
12 times ranked	**2233** citing authors

#	ARTICLE	IF	CITATIONS
1	Review of Artificial Intelligence Techniques in Imaging Data Acquisition, Segmentation, and Diagnosis for COVID-19. IEEE Reviews in Biomedical Engineering, 2021, 14, 4-15.	18.0	894
2	Weakly Supervised Segmentation of COVID19 Infection with Scribble Annotation on CT Images. Pattern Recognition, 2022, 122, 108341.	8.1	88
3	Pelvic Organ Segmentation Using Distinctive Curve Guided Fully Convolutional Networks. IEEE Transactions on Medical Imaging, 2019, 38, 585-595.	8.9	79
4	Synergistic learning of lung lobe segmentation and hierarchical multi-instance classification for automated severity assessment of COVID-19 in CT images. Pattern Recognition, 2021, 113, 107828.	8.1	78
5	CT male pelvic organ segmentation using fully convolutional networks with boundary sensitive representation. Medical Image Analysis, 2019, 54, 168-178.	11.6	72
6	HF-UNet: Learning Hierarchically Inter-Task Relevance in Multi-Task U-Net for Accurate Prostate Segmentation in CT Images. IEEE Transactions on Medical Imaging, 2021, 40, 2118-2128.	8.9	42
7	Cascaded MultiTask 3-D Fully Convolutional Networks for Pancreas Segmentation. IEEE Transactions on Cybernetics, 2021, 51, 2153-2165.	9.5	34
8	Calcium Scoring at Coronary CT Angiography Using Deep Learning. Radiology, 2022, 302, 309-316.	7.3	27
9	Evaluation of PET/MRI for Tumor Volume Delineation for Head and Neck Cancer. Frontiers in Oncology, 2017, 7, 8.	2.8	22
10	MetricUNet: Synergistic image- and voxel-level learning for precise prostate segmentation via online sampling. Medical Image Analysis, 2021, 71, 102039.	11.6	19
11	Pelvic Organ Segmentation Using Distinctive Curve Guided Fully Convolutional Networks. IEEE Transactions on Medical Imaging, 2018, , 1-1.	8.9	4