Xingzhi Xie

List of Publications by Year in Descending Order

21 papers	1,998 citations	8 h-index	23 g-index
23 ext. papers	2,525 ext. citations	5.6 avg, IF	6.17 L-index

#	Paper	IF	Citations
21	Persistent white matter changes in recovered COVID-19 patients at the 1-year follow-up.. *Brain*, **2021**,	11.2	4
20	Evaluation of isolated left ventricular noncompaction using cardiac magnetic resonance tissue tracking in global, regional and layer-specific strains. *Scientific Reports*, **2021**, 11, 7183	4.9	1
19	A novel multiple instance learning framework for COVID-19 severity assessment via data augmentation and self-supervised learning. *Medical Image Analysis*, **2021**, 69, 101978	15.4	12
18	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	7.7	36
17	Health Protection of CT Radiographers During the Outbreak of COVID-19: Application of Automatic Positioning Technology for Relocatable CT in the Fang Cang Hospital. *Frontiers in Medicine*, **2021**, 8, 659520	4.9	
16	Severity assessment of COVID-19 using CT image features and laboratory indices. *Physics in Medicine and Biology*, **2021**, 66, 035015	3.8	38
15	Automated Diagnosis of COVID-19 using Deep Supervised Autoencoder with Multi-view Features from CT Images. *IEEE/ACM Transactions on Computational Biology and Bioinformatics*, **2021**, PP,	3	6
14	The Differences and Changes of Semi-Quantitative and Quantitative CT Features of Coronavirus Disease 2019 Pneumonia in Patients With or Without Smoking History. *Frontiers in Medicine*, **2021**, 8, 663514	4.9	
13	An AI-based radiomics nomogram for disease prognosis in patients with COVID-19 pneumonia using initial CT images and clinical indicators. *International Journal of Medical Informatics*, **2021**, 154, 104545	5.3	1
12	SCOAT-Net: A novel network for segmenting COVID-19 lung opacification from CT images. *Pattern Recognition*, **2021**, 119, 108109	7.7	11
11	Computed tomography findings and clinical manifestations in different clinical types of coronavirus disease 2019. *Radiology of Infectious Diseases*, **2021**, 8, 101	2	
10	CT Scans of Patients with 2019 Novel Coronavirus (COVID-19) Pneumonia. *Theranostics*, **2020**, 10, 4606-4613	8.2	78
9	Relation Between Chest CT Findings and Clinical Conditions of Coronavirus Disease (COVID-19) Pneumonia: A Multicenter Study. *American Journal of Roentgenology*, **2020**, 214, 1072-1077	5.4	656
8	Chest CT for Typical Coronavirus Disease 2019 (COVID-19) Pneumonia: Relationship to Negative RT-PCR Testing. *Radiology*, **2020**, 296, E41-E45	20.5	1122
7	Reply to "Radiologic Findings of Coronavirus Disease (COVID-19): Clinical Correlation Is Recommended". *American Journal of Roentgenology*, **2020**, 215, W8	5.4	7
6	Chest CT findings and clinical features of coronavirus disease 2019 in children. *Journal of Central South University (Medical Sciences)*, **2020**, 45, 236-242	0.4	13
5	Multistage CT features of coronavirus disease 2019. *Journal of Central South University (Medical Sciences)*, **2020**, 45, 250-256	0.4	1

4	The Relationship Between Chest Imaging Findings and the Viral Load of COVID-19. *Frontiers in Medicine*, **2020**, 7, 558539	4.9	7
3	Motion-corrected free-breathing late gadolinium enhancement combined with a gadolinium contrast agent with a high relaxation rate: an optimized cardiovascular magnetic resonance examination protocol. *Journal of International Medical Research*, **2020**, 48, 300060520964664	1.4	
2	The importance of distinguishing COVID-19 from more common respiratory illnesses. *Epidemiology and Infection*, **2020**, 148, e195	4.3	1
1	SCOAT-Net: A Novel Network for Segmenting COVID-19 Lung Opacification from CT Images		2