Yang Chen

List of Publications by Year
in descending order

18 papers	640 citations	687363 13 h-index	839539 18 g-index
18 all docs	18 docs citations	18 times ranked	645 citing authors

#	Article	IF	Citations
1	Extraction of Urban Water Bodies from High-Resolution Remote-Sensing Imagery Using Deep Learning. Water (Switzerland), 2018, 10, 585.	2.7	140
2	Road Extraction from High-Resolution Remote Sensing Imagery Using Refined Deep Residual Convolutional Neural Network. Remote Sensing, 2019, 11, 552.	4.0	90
3	Air pollution scenario over Pakistan: Characterization and ranking of extremely polluted cities using long-term concentrations of aerosols and trace gases. Remote Sensing of Environment, 2021, 264, 112617.	11.0	79
4	Multilevel Cloud Detection for High-Resolution Remote Sensing Imagery Using Multiple Convolutional Neural Networks. ISPRS International Journal of Geo-Information, 2018, 7, 181.	2.9	58
5	A novel water body extraction neural network (WBE-NN) for optical high-resolution multispectral imagery. Journal of Hydrology, 2020, 588, 125092.	5.4	39
6	Combined use of Sentinel-2 and Landsat 8 to monitor water surface area dynamics using Google Earth Engine. Remote Sensing Letters, 2020, 11, 687-696.	1.4	38
7	Thick Clouds Removal From Multitemporal ZY-3 Satellite Images Using Deep Learning. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 143-153.	4.9	33
8	Object-Based Convolutional Neural Networks for Cloud and Snow Detection in High-Resolution Multispectral Imagers. Water (Switzerland), 2018, 10, 1666.	2.7	25
9	FTPG: A Fine-Grained Traffic Prediction Method With Graph Attention Network Using Big Trace Data. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 5163-5175.	8.0	23
10	Automatic mapping of urban green spaces using a geospatial neural network. GIScience and Remote Sensing, 2021, 58, 624-642.	5.9	22
11	An Attention-Based Spatiotemporal Gated Recurrent Unit Network for Point-of-Interest Recommendation. ISPRS International Journal of Geo-Information, 2019, 8, 355.	2.9	17
12	Pedestrian network generation based on crowdsourced tracking data. International Journal of Geographical Information Science, 2020, 34, 1051-1074.	4.8	17
13	Object-based multi-modal convolution neural networks for building extraction using panchromatic and multispectral imagery. Neurocomputing, 2020, 386, 136-146.	5.9	15
14	Cloud and Cloud Shadow Detection Based on Multiscale 3D-CNN for High Resolution Multispectral Imagery. IEEE Access, 2020, 8, 16505-16516.	4.2	14
15	Thick Clouds Removing From Multitemporal Landsat Images Using Spatiotemporal Neural Networks. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	6.3	14
16	An Automatic Cloud Detection Neural Network for High-Resolution Remote Sensing Imagery With Cloud–Snow Coexistence. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	10
17	Extraction of land covers from remote sensing images based on a deep learning model of NDVI-RSU-Net. Arabian Journal of Geosciences, 2021, 14, 1.	1.3	5
18	Cloud Detection From Remote Sensing Imagery Based on Domain Translation Network. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	1