

Yang Chen

List of Publications by Year in descending order

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18
papers

640
citations

687363

13
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839539

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18
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18
times ranked

645
citing authors

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