Ce Zhang

List of Publications by Citations

46 papers	1,081 citations	16 h-index	32 g-index
57 ext. papers	1,460 ext. citations	6.3 avg, IF	5.01 L-index

#	Paper	IF	Citations
46	An object-based convolutional neural network (OCNN) for urban land use classification. *Remote Sensing of Environment*, **2018**, 216, 57-70	13.2	211
45	A hybrid MLP-CNN classifier for very fine resolution remotely sensed image classification. *ISPRS Journal of Photogrammetry and Remote Sensing*, **2018**, 140, 133-144	11.8	189
44	Joint Deep Learning for land cover and land use classification. *Remote Sensing of Environment*, **2019**, 221, 173-187	13.2	179
43	Scale Sequence Joint Deep Learning (SS-JDL) for land use and land cover classification. *Remote Sensing of Environment*, **2020**, 237, 111593	13.2	44
42	A Massively Parallel Deep Rule-Based Ensemble Classifier for Remote Sensing Scenes. *IEEE Geoscience and Remote Sensing Letters*, **2018**, 15, 345-349	4.1	36
41	VPRS-Based Regional Decision Fusion of CNN and MRF Classifications for Very Fine Resolution Remotely Sensed Images. *IEEE Transactions on Geoscience and Remote Sensing*, **2018**, 56, 4507-4521	8.1	34
40	Crop classification from full-year fully-polarimetric L-band UAVSAR time-series using the Random Forest algorithm. *International Journal of Applied Earth Observation and Geoinformation*, **2020**, 87, 102032	7.3	28
39	Identifying and mapping individual plants in a highly diverse high-elevation ecosystem using UAV imagery and deep learning. *ISPRS Journal of Photogrammetry and Remote Sensing*, **2020**, 169, 280-291	11.8	24
38	Multiattention Network for Semantic Segmentation of Fine-Resolution Remote Sensing Images. *IEEE Transactions on Geoscience and Remote Sensing*, **2021**, 1-13	8.1	22
37	Performance Evaluation of Cluster Validity Indices (CVIs) on Multi/Hyperspectral Remote Sensing Datasets. *Remote Sensing*, **2016**, 8, 295	5	21
36	ABCNet: Attentive bilateral contextual network for efficient semantic segmentation of Fine-Resolution remotely sensed imagery. *ISPRS Journal of Photogrammetry and Remote Sensing*, **2021**, 181, 84-98	11.8	20
35	Monitoring Land Cover Change and Disturbance of the Mount Wutai World Cultural Landscape Heritage Protected Area, Based on Remote Sensing Time-Series Images from 1987 to 2018. *Remote Sensing*, **2019**, 11, 1332	5	19
34	Boundary-Aware Refined Network for Automatic Building Extraction in Very High-Resolution Urban Aerial Images. *Remote Sensing*, **2021**, 13, 692	5	19
33	Full year crop monitoring and separability assessment with fully-polarimetric L-band UAVSAR: A case study in the Sacramento Valley, California. *International Journal of Applied Earth Observation and Geoinformation*, **2019**, 74, 45-56	7.3	17
32	Multistage Attention ResU-Net for Semantic Segmentation of Fine-Resolution Remote Sensing Images. *IEEE Geoscience and Remote Sensing Letters*, **2021**, 1-5	4.1	17
31	A novel unsupervised Levy flight particle swarm optimization (ULPSO) method for multispectral remote-sensing image classification. *International Journal of Remote Sensing*, **2017**, 38, 6970-6992	3.1	15
30	Assessing the Uncertainty of Tree Height and Aboveground Biomass From Terrestrial Laser Scanner and Hypsometer Using Airborne LiDAR Data in Tropical Rainforests. *IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing*, **2019**, 12, 4149-4159	4.7	13

29	Two-Phase Object-Based Deep Learning for Multi-Temporal SAR Image Change Detection. *Remote Sensing*, **2020**, 12, 548	5	12
28	Land cover classification from remote sensing images based on multi-scale fully convolutional network. *Geo-Spatial Information Science*,1-17	3.5	12
27	. *IEEE Geoscience and Remote Sensing Letters*, **2021**, 1-5	4.1	12
26	A novel multi-parameter support vector machine for image classification. *International Journal of Remote Sensing*, **2015**, 36, 1890-1906	3.1	11
25	A Novel Transformer based Semantic Segmentation Scheme for Fine-Resolution Remote Sensing Images. *IEEE Geoscience and Remote Sensing Letters*, **2022**, 1-1	4.1	10
24	Novel shape indices for vector landscape pattern analysis. *International Journal of Geographical Information Science*, **2016**, 30, 2442-2461	4.1	9
23	A Global Perspective on Drinking-Water and Sanitation Classification: An Evaluation of Census Content. *PLoS ONE*, **2016**, 11, e0151645	3.7	9
22	Remotely Sensed Mid-Channel Bar Dynamics in Downstream of the Three Gorges Dam, China. *Remote Sensing*, **2020**, 12, 409	5	8
21	A2-FPN for semantic segmentation of fine-resolution remotely sensed images. *International Journal of Remote Sensing*, **2022**, 43, 1131-1155	3.1	8
20	A hybrid OSVM-OCNN Method for Crop Classification from Fine Spatial Resolution Remotely Sensed Imagery. *Remote Sensing*, **2019**, 11, 2370	5	6
19	An Adaptive Capsule Network for Hyperspectral Remote Sensing Classification. *Remote Sensing*, **2021**, 13, 2445	5	6
18	A ROUGH SET DECISION TREE BASED MLP-CNN FOR VERY HIGH RESOLUTION REMOTELY SENSED IMAGE CLASSIFICATION. *International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives*,XLII-2/W7, 1451-1454	2.5	5
17	Uncertainty assessment of drought characteristics projections in humid subtropical basins in China based on multiple CMIP5 models and different index definitions. *Journal of Hydrology*, **2021**, 600, 126502	6	5
16	Simplified object-based deep neural network for very high resolution remote sensing image classification. *ISPRS Journal of Photogrammetry and Remote Sensing*, **2021**, 181, 218-237	11.8	5
15	R-YOLO: A Real-Time Text Detector for Natural Scenes with Arbitrary Rotation. *Sensors*, **2021**, 21,	3.8	5
14	Scale-Aware Neural Network for Semantic Segmentation of Multi-Resolution Remote Sensing Images. *Remote Sensing*, **2021**, 13, 5015	5	5
13	Estimating Artificial Impervious Surface Percentage in Asia by Fusing Multi-Temporal MODIS and VIIRS Nighttime Light Data. *Remote Sensing*, **2021**, 13, 212	5	4
12	First and Second-Order Information Fusion Networks for Remote Sensing Scene Classification. *IEEE Geoscience and Remote Sensing Letters*, **2021**, 1-5	4.1	4

11	Estimating seasonal aboveground biomass of a riparian pioneer plant community: An exploratory analysis by canopy structural data. *Ecological Indicators*, **2017**, 83, 441-450	5.8	3
10	A novel unsupervised bee colony optimization (UBCO) method for remote-sensing image classification: a case study in a heterogeneous marsh area. *International Journal of Remote Sensing*, **2016**, 37, 5726-5748	3.1	3
9	Monitoring grassland degradation and restoration using a novel climate use efficiency (NCUE) index in the Tibetan Plateau, China. *Ecological Indicators*, **2021**, 131, 108208	5.8	3
8	Ensembles of multiple spectral water indices for improving surface water classification. *International Journal of Applied Earth Observation and Geoinformation*, **2021**, 96, 102278	7.3	2
7	ME-Net: A Multi-Scale Erosion Network for Crisp Building Edge Detection from Very High Resolution Remote Sensing Imagery. *Remote Sensing*, **2021**, 13, 3826	5	2
6	Iterative Deep Learning (IDL) for agricultural landscape classification using fine spatial resolution remotely sensed imagery. *International Journal of Applied Earth Observation and Geoinformation*, **2021**, 102, 102437	7.3	2
5	Superpixel-Based Attention Graph Neural Network for Semantic Segmentation in Aerial Images. *Remote Sensing*, **2022**, 14, 305	5	1
4	A Self-Training Hierarchical Prototype-based Ensemble Framework for Remote Sensing Scene Classification. *Information Fusion*, **2022**, 80, 179-204	16.7	1
3	A Semi-Supervised Deep Rule-Based Approach for Complex Satellite Sensor Image Analysis. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2021**, PP,	13.3	1
2	An inventory of supraglacial lakes and channels across the West Antarctic Ice Sheet. *Earth System Science Data*, **2022**, 14, 209-228	10.5	0
1	A Scale Sequence Object-based Convolutional Neural Network (SS-OCNN) for crop classification from fine spatial resolution remotely sensed imagery. *International Journal of Digital Earth*,1-19	3.9	0