Zhaohui Xue

List of Publications by Year
in descending order

38 papers	915 citations

471509

17 h-index	

454955

30 g-index	

38 all docs	38 docs citations

38 times ranked	1077 citing authors

#	Article	IF	Citations
1	Ensemble Learning Embedded With Gaussian Process Regression for Soil Moisture Estimation: A Case Study of the Continental U.S.. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-17.	6.3	3
2	Local Transformer With Spatial Partition Restore for Hyperspectral Image Classification. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 4307-4325.	4.9	33
3	Enhanced Generalized Regression Neural Network for Soil Moisture Estimation Over the Qinghai-Tibet Plateau. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 3815-3829.	4.9	3
4	S3Net: Spectral–Spatial Siamese Network for Few-Shot Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-19.	6.3	28
5	Grouped Subspace Linear Semantic Alignment for Hyperspectral Image Transfer Learning. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-16.	6.3	4
6	Generalized Composite Mangrove Index for Mapping Mangroves Using Sentinel-2 Time Series Data. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 5131-5146.	4.9	3
7	Weighted Sparse Graph Regularization for Spectral–Spatial Classification of Hyperspectral Images. IEEE Geoscience and Remote Sensing Letters, 2021, 18, 1630-1634.	3.1	11
8	Sensitive Feature Evaluation for Soil Moisture Retrieval Based on Multi-Source Remote Sensing Data with Few In-Situ Measurements: A Case Study of the Continental U.S.. Water (Switzerland), 2021, 13, 2003.	2.7	5
9	Attention-Based Second-Order Pooling Network for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 9600-9615.	6.3	55
10	A Hybrid Attention-Aware Fusion Network (HAFNet) for Building Extraction from High-Resolution Imagery and LiDAR Data. Remote Sensing, 2020, 12, 3764.	4.0	26
11	Calibrated Integral Equation Model for Bare Soil Moisture Retrieval of Synthetic Aperture Radar: A Case Study in Linze County. Applied Sciences (Switzerland), 2020, 10, 7921.	2.5	6
12	Advances of Four Machine Learning Methods for Spatial Data Handling: a Review. Journal of Geovisualization and Spatial Analysis, 2020, 4, 1.	4.3	82
13	Multiview Low-Rank Hybrid Dilated Network for SAR Target Recognition Using Limited Training Samples. IEEE Access, 2020, 8, 227847-227856.	4.2	1
14	Coupled Higher-Order Tensor Factorization for Hyperspectral and LiDAR Data Fusion and Classification. Remote Sensing, 2019, 11, 1959.	4.0	7
15	Shape-Adaptive Tensor Factorization Model for Dimensionality Reduction of Hyperspectral Images. IEEE Access, 2019, 7, 115160-115170.	4.2	2
16	Spatio-temporal analysis of phenology in Yangtze River Delta based on MODIS NDVI time series from 2001 to 2015. Frontiers of Earth Science, 2019, 13, 92-110.	2.1	20
17	Semisupervised Stacked Autoencoder With Cotraining for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 3813-3826.	6.3	71
18	Active Learning Improved by Neighborhoods and Superpixels for Hyperspectral Image Classification. IEEE Geoscience and Remote Sensing Letters, 2018, 15, 469-473.	3.1	18

#	ARTICLE	IF	CITATIONS
19	Multifeature Dictionary Learning for Collaborative Representation Classification of Hyperspectral Imagery. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 2467-2484.	6.3	64
20	A method of rice information extraction based on Particle Swarm Optimization SVM algorithm. , 2018, , .		1
21	Sparse Graph Regularization for Hyperspectral Remote Sensing Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 2351-2366.	6.3	33
22	Spatiotemporal Pattern of PM2.5 Concentrations in Mainland China and Analysis of Its Influencing Factors using Geographically Weighted Regression. Scientific Reports, 2017, 7, 40607.	3.3	107
23	Sparse graph regularization for robust crop mapping using hyperspectral remotely sensed imagery with very few in situ data. ISPRS Journal of Photogrammetry and Remote Sensing, 2017, 124, 1-15.	11.1	20
24	Discriminative Sparse Representation for Hyperspectral Image Classification: A Semi-Supervised Perspective. Remote Sensing, 2017, 9, 386.	4.0	15
25	Kernel Supervised Ensemble Classifier for the Classification of Hyperspectral Data Using Few Labeled Samples. Remote Sensing, 2016, 8, 601.	4.0	14
26	Sparse graph regularization for robust crop mapping using hyperspectral remotely sensed imagery: A case study in Heihe, Zhangye oasis. , 2016, , .		3
27	CHESRE: A comprehensive public hyperspectral experimental site and data set for resources exploration. , 2015, , .		2
28	Learning Discriminative Sparse Representations for Hyperspectral Image Classification. IEEE Journal on Selected Topics in Signal Processing, 2015, 9, 1089-1104.	10.8	47
29	Simultaneous Sparse Graph Embedding for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 6114-6133.	6.3	52
30	Spectralâ€"Spatial Classification of Hyperspectral Data via Morphological Component Analysis-Based Image Separation. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 70-84.	6.3	53
31	Kernelized sparse graph-embedded dimensionality reduction for hyperspectral image classification. , 2014, , .		1
32	Annual Landsat analysis of urban growth of Nanjing City from 1980 to 2013. , 2014, , .		1
33	Phenology-tuned karst rocky desertification monitoring using satellite image time series. , 2014, , .		1
34	Harmonic Analysis for Hyperspectral Image Classification Integrated With PSO Optimized SVM. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2014, 7, 2131-2146.	4.9	55
35	Phenology-Driven Land Cover Classification and Trend Analysis Based on Long-term Remote Sensing Image Series. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2014, 7, 1142-1156.	4.9	60
36	New methodology of hyperspectral information extraction and accuracy assessment based on a neural network. Mathematical and Computer Modelling, 2013, 58, 644-660.	2.0	7

#	Article	IF	Citations
37	A novel classification technique for hyperspectral imagery based on Harmonic Analysis, SVM and PSO. , 2013, , .		1
38	Random subspace ensemble for hyperspectral imagery classification based on dictionary learned sparse representation. , 2013, , .		0