

# Zhaohui Xue

## List of Publications by Year in descending order

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Version: 2024-02-01

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  | Spatiotemporal Pattern of PM2.5 Concentrations in Mainland China and Analysis of Its Influencing Factors using Geographically Weighted Regression. <i>Scientific Reports</i> , 2017, 7, 40607.                              | 3.3  | 107       |
| 2  | Advances of Four Machine Learning Methods for Spatial Data Handling: a Review. <i>Journal of Geovisualization and Spatial Analysis</i> , 2020, 4, 1.  | 4.3  | 82        |
| 3  | Semisupervised Stacked Autoencoder With Cotraining for Hyperspectral Image Classification. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2019, 57, 3813-3826.   | 6.3  | 71        |
| 4  | Multifeature Dictionary Learning for Collaborative Representation Classification of Hyperspectral Imagery. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2018, 56, 2467-2484.                                 | 6.3  | 64        |
| 5  | Phenology-Driven Land Cover Classification and Trend Analysis Based on Long-term Remote Sensing Image Series. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2014, 7, 1142-1156. | 4.9  | 60        |
| 6  | Harmonic Analysis for Hyperspectral Image Classification Integrated With PSO Optimized SVM. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2014, 7, 2131-2146.                   | 4.9  | 55        |
| 7  | Attention-Based Second-Order Pooling Network for Hyperspectral Image Classification. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021, 59, 9600-9615.   | 6.3  | 55        |
| 8  | Spectral-Spatial Classification of Hyperspectral Data via Morphological Component Analysis-Based Image Separation. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2015, 53, 70-84.                             | 6.3  | 53        |
| 9  | Simultaneous Sparse Graph Embedding for Hyperspectral Image Classification. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2015, 53, 6114-6133.  | 6.3  | 52        |
| 10 | Learning Discriminative Sparse Representations for Hyperspectral Image Classification. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2015, 9, 1089-1104.  | 10.8 | 47        |
| 11 | Sparse Graph Regularization for Hyperspectral Remote Sensing Image Classification. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2017, 55, 2351-2366.   | 6.3  | 33        |
| 12 | Local Transformer With Spatial Partition Restore for Hyperspectral Image Classification. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2022, 15, 4307-4325.                     | 4.9  | 33        |
| 13 | S3Net: Spectral-Spatial Siamese Network for Few-Shot Hyperspectral Image Classification. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-19.  | 6.3  | 28        |
| 14 | A Hybrid Attention-Aware Fusion Network (HAFNet) for Building Extraction from High-Resolution Imagery and LiDAR Data. <i>Remote Sensing</i> , 2020, 12, 3764.   | 4.0  | 26        |
| 15 | Sparse graph regularization for robust crop mapping using hyperspectral remotely sensed imagery with very few in situ data. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2017, 124, 1-15.                    | 11.1 | 20        |
| 16 | Spatio-temporal analysis of phenology in Yangtze River Delta based on MODIS NDVI time series from 2001 to 2015. <i>Frontiers of Earth Science</i> , 2019, 13, 92-110.   | 2.1  | 20        |
| 17 | Active Learning Improved by Neighborhoods and Superpixels for Hyperspectral Image Classification. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2018, 15, 469-473.  | 3.1  | 18        |
| 18 | Discriminative Sparse Representation for Hyperspectral Image Classification: A Semi-Supervised Perspective. <i>Remote Sensing</i> , 2017, 9, 386.   | 4.0  | 15        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Kernel Supervised Ensemble Classifier for the Classification of Hyperspectral Data Using Few Labeled Samples. <i>Remote Sensing</i> , 2016, 8, 601.  | 4.0 | 14        |
| 20 | Weighted Sparse Graph Regularization for Spectral-Spatial Classification of Hyperspectral Images. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2021, 18, 1630-1634.   | 3.1 | 11        |
| 21 | New methodology of hyperspectral information extraction and accuracy assessment based on a neural network. <i>Mathematical and Computer Modelling</i> , 2013, 58, 644-660.   | 2.0 | 7         |
| 22 | Coupled Higher-Order Tensor Factorization for Hyperspectral and LiDAR Data Fusion and Classification. <i>Remote Sensing</i> , 2019, 11, 1959.  | 4.0 | 7         |
| 23 | Calibrated Integral Equation Model for Bare Soil Moisture Retrieval of Synthetic Aperture Radar: A Case Study in Linze County. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 7921.                                     | 2.5 | 6         |
| 24 | 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.. <i>Water (Switzerland)</i> , 2021, 13, 2003.       | 2.7 | 5         |
| 25 | Grouped Subspace Linear Semantic Alignment for Hyperspectral Image Transfer Learning. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-16.  | 6.3 | 4         |
| 26 | Sparse graph regularization for robust crop mapping using hyperspectral remotely sensed imagery: A case study in Heihe, Zhangye oasis. , 2016, , .   |     | 3         |
| 27 | Ensemble Learning Embedded With Gaussian Process Regression for Soil Moisture Estimation: A Case Study of the Continental U.S.. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-17.                | 6.3 | 3         |
| 28 | Enhanced Generalized Regression Neural Network for Soil Moisture Estimation Over the Qinghai-Tibet Plateau. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2022, 15, 3815-3829. | 4.9 | 3         |
| 29 | Generalized Composite Mangrove Index for Mapping Mangroves Using Sentinel-2 Time Series Data. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2022, 15, 5131-5146.               | 4.9 | 3         |
| 30 | CHESRE: A comprehensive public hyperspectral experimental site and data set for resources exploration. , 2015, , .   |     | 2         |
| 31 | Shape-Adaptive Tensor Factorization Model for Dimensionality Reduction of Hyperspectral Images. <i>IEEE Access</i> , 2019, 7, 115160-115170.   | 4.2 | 2         |
| 32 | A novel classification technique for hyperspectral imagery based on Harmonic Analysis, SVM and PSO. , 2013, , .  |     | 1         |
| 33 | Kernelized sparse graph-embedded dimensionality reduction for hyperspectral image classification. , 2014, , .  |     | 1         |
| 34 | Annual Landsat analysis of urban growth of Nanjing City from 1980 to 2013. , 2014, , .   |     | 1         |
| 35 | Phenology-tuned karst rocky desertification monitoring using satellite image time series. , 2014, , .  |     | 1         |
| 36 | A method of rice information extraction based on Particle Swarm Optimization SVM algorithm. , 2018, , .  |     | 1         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 37 | Multiview Low-Rank Hybrid Dilated Network for SAR Target Recognition Using Limited Training Samples. IEEE Access, 2020, 8, 227847-227856. | 4.2 | 1         |
| 38 | Random subspace ensemble for hyperspectral imagery classification based on dictionary learned sparse representation. , 2013, , .          |     | 0         |