Xin Wu

List of Publications by Year
in descending order

25 papers	1,113 citations	759233 12 h-index	794594 19 g-index
25 all docs	25 docs citations	25 times ranked	719 citing authors

#	Article	IF	Citations
1	Invariant Attribute Profiles: A Spatial-Frequency Joint Feature Extractor for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 3791-3808.	6.3	228
2	ORSIm Detector: A Novel Object Detection Framework in Optical Remote Sensing Imagery Using Spatial-Frequency Channel Features. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 5146-5158.	6.3	181
3	Hyperspectral Image Classification—Traditional to Deep Models: A Survey for Future Prospects. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 968-999.	4.9	123
4	Convolutional Neural Networks for Multimodal Remote Sensing Data Classification. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-10.	6.3	122
5	Fourier-Based Rotation-Invariant Feature Boosting: An Efficient Framework for Geospatial Object Detection. IEEE Geoscience and Remote Sensing Letters, 2020, 17, 302-306.	3.1	110
6	Deep Learning for Unmanned Aerial Vehicle-Based Object Detection and Tracking: A survey. IEEE Geoscience and Remote Sensing Magazine, 2022, 10, 91-124.	9.6	99
7	Vehicle detection of multi-source remote sensing data using active fine-tuning network. ISPRS Journal of Photogrammetry and Remote Sensing, 2020, 167, 39-53.	11.1	48
8	Robust palmprint recognition based on the fast variation Vese—Osher model. Neurocomputing, 2016, 174, 999-1012.	5.9	42
9	A Novel Nonlocal-Aware Pyramid and Multiscale Multitask Refinement Detector for Object Detection in Remote Sensing Images. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-20.	6.3	30
10	MsRi-CCF: Multi-Scale and Rotation-Insensitive Convolutional Channel Features for Geospatial Object Detection. Remote Sensing, 2018, 10, 1990.	4.0	28
11	Improved differential box counting with multi-scale and multi-direction: A new palmprint recognition method. Optik, 2014, 125, 4154-4160.	2.9	23
12	Revisiting Deep Hyperspectral Feature Extraction Networks via Gradient Centralized Convolution. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-19.	6.3	18
13	Lightweight Heterogeneous Kernel Convolution for Hyperspectral Image Classification With Noisy Labels. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	13
14	Hybrid Dense Network With Attention Mechanism for Hyperspectral Image Classification. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 3948-3957.	4.9	12
15	Hyperspectral target detection based on transform domain adaptive constrained energy minimization. International Journal of Applied Earth Observation and Geoinformation, 2021, 103, 102461.	2.8	8
16	Revisiting Graph Convolutional Networks with Mini-Batch Sampling for Hyperspectral Image Classification. , 2021, , .		7
17	LW-ODF: A Light-Weight Object Detection Framework for Optical Remote Sensing Imagery. , 2019, , .		5
18	Hyper-Embedder: Learning a Deep Embedder for Self-Supervised Hyperspectral Dimensionality Reduction. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	5

#	Article	IF	Citations
19	The FrFT convolutional face: toward robust face recognition using the fractional Fourier transform and convolutional neural networks. Science China Information Sciences, 2020, 63, 1.	4.3	3
20	Beyond pixels: Learning from multimodal hyperspectral superpixels for land cover classification. Science China Technological Sciences, 2022, 65, 802-808.	4.0	3
21	Unifying Label Propagation and Graph Sparsification for Hyperspectral Image Classification. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	3
22	A Weakly-Supervised Deep Network for DSM-Aided Vehicle Detection. , 2019, , .		2
23	A Unified Multimodal Deep Learning Framework For Remote Sensing Imagery Classification. , 2021, , .		0
24	Multimodal Convolutional Neural Networks with Cross-Channel Reconstruction. , 2021, , .		0
25	Learning Locality-Constrained Sparse Coding for Spectral Enhancement of Multispectral Imagery. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	0