Mingyang Zhang

List of Publications by Year
in descending order

22 papers	568 citations	759233 12 h-index	940533 16 g-index
22 all docs	22 docs citations	22 times ranked	591 citing authors

#	Article	IF	Citations
1	Unsupervised Band Selection Based on Evolutionary Multiobjective Optimization for Hyperspectral Images. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 544-557.	6.3	131
2	Unsupervised Feature Extraction in Hyperspectral Images Based on Wasserstein Generative Adversarial Network. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 2669-2688.	6.3	88
3	Unsupervised Hyperspectral Band Selection by Fuzzy Clustering With Particle Swarm Optimization. IEEE Geoscience and Remote Sensing Letters, 2017, 14, 773-777.	3.1	78
4	Unsupervised Hyperspectral Image Band Selection via Column Subset Selection. IEEE Geoscience and Remote Sensing Letters, 2015, 12, 1411-1415.	3.1	50
5	Unsupervised Scale-Driven Change Detection With Deep Spatialâ€"Spectral Features for VHR Images. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 5653-5665.	6.3	33
6	A Two-Phase Multiobjective Sparse Unmixing Approach for Hyperspectral Data. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 508-523.	6.3	29
7	A Spectral and Spatial Attention Network for Change Detection in Hyperspectral Images. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	6.3	25
8	Symmetric All Convolutional Neural-Network-Based Unsupervised Feature Extraction for Hyperspectral Images Classification. IEEE Transactions on Cybernetics, 2022, 52, 2981-2993.	9.5	23
9	Building Change Detection for VHR Remote Sensing Images via Localâ€"Global Pyramid Network and Cross-Task Transfer Learning Strategy. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-17.	6.3	22
10	A coupling translation network for change detection in heterogeneous images. International Journal of Remote Sensing, 2019, 40, 3647-3672.	2.9	20
11	Self-Supervised Monocular Depth Estimation With Multiscale Perception. IEEE Transactions on Image Processing, 2022, 31, 3251-3266.	9.8	20
12	Spatially Self-Paced Convolutional Networks for Change Detection in Heterogeneous Images. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 4966-4979.	4.9	16
13	Memetic algorithm based feature selection for hyperspectral images classification. , 2017, , .		13
14	Multiobjective Endmember Extraction Based on Bilinear Mixture Model. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 8192-8210.	6.3	8
15	An antiâ€jamming method in multistatic radar system based on convolutional neural network. IET Signal Processing, 2022, 16, 220-231.	1.5	5
16	Hyper-parameter Tuning of Federated Learning Based on Particle Swarm Optimization. , 2021, , .		3
17	Evolutionary multi-task learning for modular extremal learning machine. , 2017, , .		2
18	Deep Fully Convolutional Embedding Networks for Hyperspectral Images Dimensionality Reduction. Remote Sensing, 2021, 13, 706.	4.0	1

#	Article	IF	Citations
19	Multipopulation Particle Swarm Optimization for Evolutionary Multitasking Sparse Unmixing. Electronics (Switzerland), 2021, 10, 3034.	3.1	1
20	An improved multiobjective evolutionary approach for community detection in multilayer networks. , 2017, , .		0
21	Evolutionary Multiobjective Change Detection via Self-paced Learning and Fuzzy Clustering. , 2019, , .		0
22	A Bilevel Gene-Based Multiobjective Memetic Algorithm for Passive Localization System Deployment Optimization. IEEE Transactions on Evolutionary Computation, 2023, 27, 355-369.	10.0	0