Liu Bing

List of Publications by Year
in descending order

30 papers	1,275 citations	516710 16 h-index	454955 30 g-index
30 all docs	30 docs citations	30 times ranked	794 citing authors

#	Article	IF	Citations
1	Multiscale Deep Learning Network With Self-Calibrated Convolution for Hyperspectral and LiDAR Data Collaborative Classification. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-16.	6.3	15
2	MP-ResNet: Multipath Residual Network for the Semantic Segmentation of High-Resolution PolSAR Images. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	15
3	DSS-TRM: deep spatial–spectral transformer for hyperspectral image classification. European Journal of Remote Sensing, 2022, 55, 103-114.	3.5	25
4	Small Sample Hyperspectral Image Classification Based on Cascade Fusion of Mixed Spatial-Spectral Features and Second-Order Pooling. Remote Sensing, 2022, 14, 505.	4.0	13
5	FSL-EGNN: Edge-Labeling Graph Neural Network for Hyperspectral Image Few-Shot Classification. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-18.	6.3	14
6	Resolution reconstruction classification: fully octave convolution network with pyramid attention mechanism for hyperspectral image classification. International Journal of Remote Sensing, 2022, 43, 2076-2105.	2.9	14
7	Deep Hierarchical Vision Transformer for Hyperspectral and LiDAR Data Classification. IEEE Transactions on Image Processing, 2022, 31, 3095-3110.	9.8	57
8	Unsupervised Meta Learning With Multiview Constraints for Hyperspectral Image Small Sample set Classification. IEEE Transactions on Image Processing, 2022, 31, 3449-3462.	9.8	28
9	Self-Supervised Feature Learning for Multimodal Remote Sensing Image Land Cover Classification. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-15.	6.3	7
10	Deep Multiview Learning for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 7758-7772.	6.3	71
11	Spatial-spectral feature classification of hyperspectral image using a pretrained deep convolutional neural network. European Journal of Remote Sensing, 2021, 54, 385-397.	3.5	4
12	Slow feature extraction for hyperspectral image classification. Remote Sensing Letters, 2021, 12, 429-438.	1.4	3
13	Small sample classification for hyperspectral imagery using temporal convolution and attention mechanism. Remote Sensing Letters, 2021, 12, 510-519.	1.4	6
14	Active deep densely connected convolutional network for hyperspectral image classification. International Journal of Remote Sensing, 2021, 42, 5915-5934.	2.9	17
15	Small sample classification of hyperspectral image using model-agnostic meta-learning algorithm and convolutional neural network. International Journal of Remote Sensing, 2021, 42, 3090-3122.	2.9	30
16	HResNetAM: Hierarchical Residual Network With Attention Mechanism for Hyperspectral Image Classification. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 3566-3580.	4.9	62
17	A fully convolutional network with channel and spatial attention for hyperspectral image classification. Remote Sensing Letters, 2021, 12, 1238-1249.	1.4	10
18	Patch-Free Bilateral Network for Hyperspectral Image Classification Using Limited Samples. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 10794-10807.	4.9	8

#	Article	IF	Citations
19	Morphological Attribute Profile Cube and Deep Random Forest for Small Sample Classification of Hyperspectral Image. IEEE Access, 2020, 8, 117096-117108.	4.2	30
20	Deep Induction Network for Small Samples Classification of Hyperspectral Images. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 3462-3477.	4.9	29
21	Deep Relation Network for Hyperspectral Image Few-Shot Classification. Remote Sensing, 2020, 12, 923.	4.0	109
22	Semisupervised graph convolutional network for hyperspectral image classification. Journal of Applied Remote Sensing, 2020, 14, 1.	1.3	19
23	Graph inductive learning method for small sample classification of hyperspectral remote sensing images. European Journal of Remote Sensing, 2020, 53, 349-357.	3.5	5
24	Convolutional neural networks and local binary patterns for hyperspectral image classification. European Journal of Remote Sensing, 2019, 52, 448-462.	3.5	35
25	Salient feature extraction for hyperspectral image classification. Remote Sensing Letters, 2019, 10, 553-562.	1.4	13
26	Deep Few-Shot Learning for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 2290-2304.	6.3	223
27	A dense convolutional neural network for hyperspectral image classification. Remote Sensing Letters, 2019, 10, 59-66.	1.4	16
28	Supervised Deep Feature Extraction for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 1909-1921.	6.3	209
29	Deep convolutional recurrent neural network with transfer learning for hyperspectral image classification. Journal of Applied Remote Sensing, 2018, 12, 1.	1.3	34
30	A semi-supervised convolutional neural network for hyperspectral image classification. Remote Sensing Letters, 2017, 8, 839-848.	1.4	154