

# Liu Bing

## List of Publications by Year in descending order

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30  
papers

1,275  
citations

516710

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454955

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g-index

30  
all docs

30  
docs citations

30  
times ranked

794  
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep Few-Shot Learning for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 2290-2304.	6.3	223
2	Supervised Deep Feature Extraction for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 1909-1921.	6.3	209
3	A semi-supervised convolutional neural network for hyperspectral image classification. Remote Sensing Letters, 2017, 8, 839-848.	1.4	154
4	Deep Relation Network for Hyperspectral Image Few-Shot Classification. Remote Sensing, 2020, 12, 923.	4.0	109
5	Deep Multiview Learning for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 7758-7772.	6.3	71
6	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
7	Deep Hierarchical Vision Transformer for Hyperspectral and LiDAR Data Classification. IEEE Transactions on Image Processing, 2022, 31, 3095-3110.	9.8	57
8	Convolutional neural networks and local binary patterns for hyperspectral image classification. European Journal of Remote Sensing, 2019, 52, 448-462.	3.5	35
9	Deep convolutional recurrent neural network with transfer learning for hyperspectral image classification. Journal of Applied Remote Sensing, 2018, 12, 1.	1.3	34
10	Morphological Attribute Profile Cube and Deep Random Forest for Small Sample Classification of Hyperspectral Image. IEEE Access, 2020, 8, 117096-117108.	4.2	30
11	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
12	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
13	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
14	DSS-TRM: deep spatialâ€“spectral transformer for hyperspectral image classification. European Journal of Remote Sensing, 2022, 55, 103-114.	3.5	25
15	Semisupervised graph convolutional network for hyperspectral image classification. Journal of Applied Remote Sensing, 2020, 14, 1.	1.3	19
16	Active deep densely connected convolutional network for hyperspectral image classification. International Journal of Remote Sensing, 2021, 42, 5915-5934.	2.9	17
17	A dense convolutional neural network for hyperspectral image classification. Remote Sensing Letters, 2019, 10, 59-66.	1.4	16
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	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
22	Salient feature extraction for hyperspectral image classification. Remote Sensing Letters, 2019, 10, 553-562.	1.4	13
23	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
24	A fully convolutional network with channel and spatial attention for hyperspectral image classification. Remote Sensing Letters, 2021, 12, 1238-1249.	1.4	10
25	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
26	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
27	Small sample classification for hyperspectral imagery using temporal convolution and attention mechanism. Remote Sensing Letters, 2021, 12, 510-519.	1.4	6
28	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
29	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
30	Slow feature extraction for hyperspectral image classification. Remote Sensing Letters, 2021, 12, 429-438.	1.4	3