Xiaobo Luo

List of Publications by Year
in descending order

25 papers	396 citations	687363 13 h-index	752698 20 g-index
25 all docs	25 docs citations	25 times ranked	368 citing authors

#	Article	IF	Citations
1	Complex anthropogenic interaction on vegetation greening in the Chinese Loess Plateau. Science of the Total Environment, 2021, 778, 146065.	8.0	57
2	Scale Effects of the Relationships between Urban Heat Islands and Impact Factors Based on a Geographically-Weighted Regression Model. Remote Sensing, 2016, 8, 760.	4.0	35
3	A Geographically and Temporally Weighted Regression Model for Spatial Downscaling of MODIS Land Surface Temperatures Over Urban Heterogeneous Regions. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 5012-5027.	6.3	35
4	Scale effect analysis of the relationships between urban heat island and impact factors: case study in Chongqing. Journal of Applied Remote Sensing, 2014, 8, 084995.	1.3	30
5	Scene Classification of Remote Sensing Images Based on Saliency Dual Attention Residual Network. IEEE Access, 2020, 8, 6344-6357.	4.2	26
6	Self-Supervised GANs With Similarity Loss for Remote Sensing Image Scene Classification. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 2508-2521.	4.9	24
7	Integrated fusion framework based on semicoupled sparse tensor factorization for spatio-temporal–spectral fusion of remote sensing images. Information Fusion, 2021, 65, 21-36.	19.1	23
8	An improved unsupervised representation learning generative adversarial network for remote sensing image scene classification. Remote Sensing Letters, 2020, 11, 598-607.	1.4	21
9	TAE-Net: Task-Adaptive Embedding Network for Few-Shot Remote Sensing Scene Classification. Remote Sensing, 2022, 14, 111.	4.0	21
10	Spatial Downscaling of MODIS Land Surface Temperature Based on Geographically Weighted Autoregressive Model. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 2532-2546.	4.9	15
11	Few-Shot Scene Classification With Multi-Attention Deepemd Network in Remote Sensing. IEEE Access, 2021, 9, 19891-19901.	4.2	14
12	Downscaling Land Surface Temperature Based on Non-Linear Geographically Weighted Regressive Model over Urban Areas. Remote Sensing, 2021, 13, 1580.	4.0	13
13	Graph-Based Embedding Smoothing Network for Few-Shot Scene Classification of Remote Sensing Images. Remote Sensing, 2022, 14, 1161.	4.0	13
14	GAN-Based Semisupervised Scene Classification of Remote Sensing Image. IEEE Geoscience and Remote Sensing Letters, 2021, 18, 2067-2071.	3.1	12
15	Hyperspectral Image Superresolution Using Global Gradient Sparse and Nonlocal Low-Rank Tensor Decomposition With Hyper-Laplacian Prior. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 5453-5469.	4.9	12
16	Remote sensing image super-resolution using cascade generative adversarial nets. Neurocomputing, 2021, 443, 117-130.	5.9	12
17	Spatial Downscaling of MODIS Land Surface Temperature Based on a Geographically and Temporally Weighted Autoregressive Model. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 7637-7653.	4.9	8
18	Spatiotemporal Reflectance Fusion via Tensor Sparse Representation. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-18.	6.3	8

#	Article	IF	Citations
19	FCAU-Net for the Semantic Segmentation of Fine-Resolution Remotely Sensed Images. Remote Sensing, 2022, 14, 215.	4.0	6
20	HCNNet: A Hybrid Convolutional Neural Network for Spatiotemporal Image Fusion. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-16.	6.3	4
21	Scene layout in text-to-scene conversion. , 2014, , .		3
22	An Improved Optimal Segmentation Threshold Algorithm and Its Application in the Built-up Quick Mapping. Journal of the Indian Society of Remote Sensing, 2017, 45, 953-964.	2.4	3
23	Object€Based Classification Method for PolSAR Images with Improved Scattering Powers and Contextual Features. Chinese Journal of Electronics, 2017, 26, 803-809.	1.5	1
24	Image-Text Joint Learning for Social Images with Spatial Relation Model. Complexity, 2020, 2020, 1-11.	1.6	0
25	A spatial-spectral adaptive thin-cloud removal method based on slow feature analysis. Remote Sensing Letters, 2022, 13, 747-755.	1.4	0