

# Hsiuhan Lexie Yang

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

771  
citations

840776

11  
h-index

1125743

13  
g-index

22  
all docs

22  
docs citations

22  
times ranked

934  
citing authors

#	ARTICLE	IF	CITATIONS
1	Building Extraction at Scale Using Convolutional Neural Network: Mapping of the United States. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2018, 11, 2600-2614.	4.9	148
2	Active Learning: Any Value for Classification of Remotely Sensed Data?. Proceedings of the IEEE, 2013, 101, 593-608.	21.3	144
3	Ensemble Multiple Kernel Active Learning For Classification of Multisource Remote Sensing Data. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2015, 8, 845-858.	4.9	70
4	Change detection using deep learning approach with object-based image analysis. Remote Sensing of Environment, 2021, 256, 112308.	11.0	66
5	Spectral and Spatial Proximity-Based Manifold Alignment for Multitemporal Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 51-64.	6.3	64
6	Domain Adaptation With Preservation of Manifold Geometry for Hyperspectral Image Classification. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2016, 9, 543-555.	4.9	48
7	Improving Orthorectification of UAV-Based Push-Broom Scanner Imagery Using Derived Orthophotos From Frame Cameras. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2017, 10, 262-276.	4.9	46
8	Apache Spark Accelerated Deep Learning Inference for Large Scale Satellite Image Analytics. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 271-283.	4.9	34
9	Domain-Adapted Convolutional Networks for Satellite Image Classification: A Large-Scale Interactive Learning Workflow. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2018, 11, 962-977.	4.9	31
10	Active-Metric Learning for Classification of Remotely Sensed Hyperspectral Images. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 1925-1939.	6.3	27
11	Large Scale Unsupervised Domain Adaptation of Segmentation Networks with Adversarial Learning. , 2019, , .		22
12	Manifold alignment for multitemporal hyperspectral image classification. , 2011, , .		18
13	Multimetric Active Learning for Classification of Remote Sensing Data. IEEE Geoscience and Remote Sensing Letters, 2016, 13, 1007-1011.	3.1	12
14	Adversarial Learning Based Discriminative Domain Adaptation for Geospatial Image Analysis. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 150-162.	4.9	10
15	Exploiting spectral-spatial proximity for classification of hyperspectral data on manifolds. , 2012, , .		7
16	Performance analysis and optimization for scalable deployment of deep learning models for country-scale settlement mapping on Titan supercomputer. Concurrency Computation Practice and Experience, 2019, 31, e5305.	2.2	7
17	Rapid Structure Detection in Support of Disaster Response: A Case Study of the 2018 Kilauea Volcano Eruption. , 2020, , .		6
18	Manifold alignment for classification of multitemporal hyperspectral data. , 2011, , .		3

#	ARTICLE	IF	CITATIONS
19	Learning a joint manifold with global-local preservation for multitemporal hyperspectral image classification. , 2013, , .		3
20	Entropy and Boundary Based Adversarial Learning for Large Scale Unsupervised Domain Adaptation. , 2020, , .		3
21	Multiple kernel active learning for robust geo-spatial image analysis. , 2013, , .		2
22	Combining active and metric learning for hyperspectral image classification. , 2014, , .		0