Yushi Chen

List of Publications by Citations

49 papers	**6,273** citations	**20** h-index	**58** g-index
58 ext. papers	**7,694** ext. citations	**5.1** avg, IF	**6.55** L-index

#	Paper	IF	Citations
49	Deep Learning-Based Classification of Hyperspectral Data. *IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing*, **2014**, 7, 2094-2107	4.7	1442
48	. *IEEE Transactions on Geoscience and Remote Sensing*, **2016**, 54, 6232-6251	8.1	1372
47	. *IEEE Geoscience and Remote Sensing Magazine*, **2017**, 5, 8-32	8.9	722
46	Spectral–Spatial Classification of Hyperspectral Data Based on Deep Belief Network. *IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing*, **2015**, 8, 2381-2392	4.7	722
45	Deep Learning for Hyperspectral Image Classification: An Overview. *IEEE Transactions on Geoscience and Remote Sensing*, **2019**, 57, 6690-6709	8.1	478
44	Generative Adversarial Networks for Hyperspectral Image Classification. *IEEE Transactions on Geoscience and Remote Sensing*, **2018**, 56, 5046-5063	8.1	317
43	. *IEEE Geoscience and Remote Sensing Magazine*, **2018**, 6, 10-43	8.9	185
42	Hyperspectral Images Classification With Gabor Filtering and Convolutional Neural Network. *IEEE Geoscience and Remote Sensing Letters*, **2017**, 14, 2355-2359	4.1	124
41	A Self-Improving Convolution Neural Network for the Classification of Hyperspectral Data. *IEEE Geoscience and Remote Sensing Letters*, **2016**, 13, 1537-1541	4.1	98
40	Deep Fusion of Remote Sensing Data for Accurate Classification. *IEEE Geoscience and Remote Sensing Letters*, **2017**, 14, 1253-1257	4.1	93
39	Automatic Design of Convolutional Neural Network for Hyperspectral Image Classification. *IEEE Transactions on Geoscience and Remote Sensing*, **2019**, 57, 7048-7066	8.1	80
38	Learning Contextual Dependence With Convolutional Hierarchical Recurrent Neural Networks. *IEEE Transactions on Image Processing*, **2016**, 25, 2983-2996	8.7	66
37	Deep Learning Ensemble for Hyperspectral Image Classification. *IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing*, **2019**, 12, 1882-1897	4.7	60
36	Heterogeneous Transfer Learning for Hyperspectral Image Classification Based on Convolutional Neural Network. *IEEE Transactions on Geoscience and Remote Sensing*, **2020**, 58, 3246-3263	8.1	58
35	Spatial-Spectral Transformer for Hyperspectral Image Classification. *Remote Sensing*, **2021**, 13, 498	5	57
34	Deep Convolutional Capsule Network for Hyperspectral Image Spectral and Spectral-Spatial Classification. *Remote Sensing*, **2019**, 11, 223	5	50
33	Combining Component Substitution and Multiresolution Analysis: A Novel Generalized BDSD Pansharpening Algorithm. *IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing*, **2017**, 10, 2867-2875	4.7	45

32	Optimized Input for CNN-Based Hyperspectral Image Classification Using Spatial Transformer Network. *IEEE Geoscience and Remote Sensing Letters*, **2019**, 16, 1884-1888	4.1	30
31	Hyperspectral image classification based on convolutional neural network and random forest. *Remote Sensing Letters*, **2019**, 10, 1086-1094	2.3	27
30	Deep Cross-Domain Few-Shot Learning for Hyperspectral Image Classification. *IEEE Transactions on Geoscience and Remote Sensing*, **2021**, 1-18	8.1	23
29	Convolutional Neural Network-Based Radar Jamming Signal Classification With Sufficient and Limited Samples. *IEEE Access*, **2020**, 8, 80588-80598	3.5	19
28	LiDAR Data Classification Using Spatial Transformation and CNN. *IEEE Geoscience and Remote Sensing Letters*, **2019**, 16, 125-129	4.1	19
27	Dual-Path Siamese CNN for Hyperspectral Image Classification With Limited Training Samples. *IEEE Geoscience and Remote Sensing Letters*, **2021**, 18, 518-522	4.1	19
26	LiDAR Data Classification Using Morphological Profiles and Convolutional Neural Networks. *IEEE Geoscience and Remote Sensing Letters*, **2018**, 15, 774-778	4.1	18
25	Riemannian manifold learning based k-nearest-neighbor for hyperspectral image classification **2013**,		15
24	Hyperspectral data clustering based on density analysis ensemble. *Remote Sensing Letters*, **2017**, 8, 194-203	2.3	14
23	Spectral-spatial classification of hyperspectral image using autoencoders **2013**,		11
22	Dual Graph Convolutional Network for Hyperspectral Image Classification With Limited Training Samples. *IEEE Transactions on Geoscience and Remote Sensing*, **2021**, 1-18	8.1	11
21	Transferring CNN Ensemble for Hyperspectral Image Classification. *IEEE Geoscience and Remote Sensing Letters*, **2021**, 18, 876-880	4.1	10
20	Deep Fusion for Radar Jamming Signal Classification Based on CNN. *IEEE Access*, **2020**, 8, 117236-117244	3.5	8
19	Supervised Multiview Feature Selection Exploring Homogeneity and Heterogeneity With $\ell_{1,2}$-Norm and Automatic View Generation. *IEEE Transactions on Geoscience and Remote Sensing*, **2017**, 55, 2074-2088	8.1	7
18	Supervised Locally Linear Embedding based dimension reduction for hyperspectral image classification **2013**,		7
17	Remote Sensing Image Scene Classification via Label Augmentation and Intra-Class Constraint. *Remote Sensing*, **2021**, 13, 2566	5	7
16	A BOI-Preserving-Based Compression Method for Hyperspectral Images. *IEEE Transactions on Geoscience and Remote Sensing*, **2010**,	8.1	6
15	Fine-Grained Classification of Hyperspectral Imagery Based on Deep Learning. *Remote Sensing*, **2019**, 11, 2690	5	6

14	Vehicle Detection in High-Resolution Images Using Superpixel Segmentation and CNN Iteration Strategy. *IEEE Geoscience and Remote Sensing Letters*, **2019**, 16, 105-109	4.1	6
13	Soft Augmentation-Based Siamese CNN for Hyperspectral Image Classification With Limited Training Samples. *IEEE Geoscience and Remote Sensing Letters*, **2021**, 1-5	4.1	6
12	A robust spectral target recognition method for hyperspectral data based on combined spectral signatures **2011**,		5
11	Heterogeneous Few-Shot Learning for Hyperspectral Image Classification. *IEEE Geoscience and Remote Sensing Letters*, **2021**, 1-1	4.1	4
10	Weakly Supervised Classification of Hyperspectral Image Based on Complementary Learning. *Remote Sensing*, **2021**, 13, 5009	5	3
9	LiDAR Data Classification Based on Automatic Designed CNN. *IEEE Geoscience and Remote Sensing Letters*, **2021**, 18, 1665-1669	4.1	3
8	Fast Complex-Valued CNN for Radar Jamming Signal Recognition. *Remote Sensing*, **2021**, 13, 2867	5	3
7	Modifications of the Multi-Layer Perceptron for Hyperspectral Image Classification. *Remote Sensing* , **2021**, 13, 3547	5	3
6	Confident Learning-Based Domain Adaptation for Hyperspectral Image Classification. *IEEE Transactions on Geoscience and Remote Sensing*, **2022**, 1-1	8.1	3
5	Joint Adaboost and multifeature based ensemble for hyperspectral image classification **2014**,		2
4	Parallel implementation for SAM algorithm based on GPU and distributed computing **2012**,		1
3	Adaptive semisupervised feature selection without graph construction for very-high-resolution remote sensing images. *Journal of Applied Remote Sensing*, **2016**, 10, 025002	1.4	1
2	Complementary Learning-Based Scene Classification of Remote Sensing Images With Noisy Labels. *IEEE Geoscience and Remote Sensing Letters*, **2021**, 1-5	4.1	1
1	Toward a Trustworthy Classifier With Deep CNN: Uncertainty Estimation Meets Hyperspectral Image. *IEEE Transactions on Geoscience and Remote Sensing*, **2022**, 60, 1-15	8.1	1