

Yushi Chen

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Confident Learning-Based Domain Adaptation for Hyperspectral Image Classification. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022 , 1-1	8.1	3
48	Toward a Trustworthy Classifier With Deep CNN: Uncertainty Estimation Meets Hyperspectral Image. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022 , 60, 1-15	8.1	1
47	Weakly Supervised Classification of Hyperspectral Image Based on Complementary Learning. <i>Remote Sensing</i> , 2021 , 13, 5009	5	3
46	Heterogeneous Few-Shot Learning for Hyperspectral Image Classification. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2021 , 1-1	4.1	4
45	Remote Sensing Image Scene Classification via Label Augmentation and Intra-Class Constraint. <i>Remote Sensing</i> , 2021 , 13, 2566	5	7
44	Dual-Path Siamese CNN for Hyperspectral Image Classification With Limited Training Samples. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2021 , 18, 518-522	4.1	19
43	Transferring CNN Ensemble for Hyperspectral Image Classification. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2021 , 18, 876-880	4.1	10
42	LiDAR Data Classification Based on Automatic Designed CNN. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2021 , 18, 1665-1669	4.1	3
41	Dual Graph Convolutional Network for Hyperspectral Image Classification With Limited Training Samples. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 1-18	8.1	11
40	Soft Augmentation-Based Siamese CNN for Hyperspectral Image Classification With Limited Training Samples. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2021 , 1-5	4.1	6
39	Fast Complex-Valued CNN for Radar Jamming Signal Recognition. <i>Remote Sensing</i> , 2021 , 13, 2867	5	3
38	Modifications of the Multi-Layer Perceptron for Hyperspectral Image Classification. <i>Remote Sensing</i> , 2021 , 13, 3547	5	3
37	Complementary Learning-Based Scene Classification of Remote Sensing Images With Noisy Labels. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2021 , 1-5	4.1	1
36	Deep Cross-Domain Few-Shot Learning for Hyperspectral Image Classification. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 1-18	8.1	23
35	Spatial-Spectral Transformer for Hyperspectral Image Classification. <i>Remote Sensing</i> , 2021 , 13, 498	5	57
34	Convolutional Neural Network-Based Radar Jamming Signal Classification With Sufficient and Limited Samples. <i>IEEE Access</i> , 2020 , 8, 80588-80598	3.5	19
33	Heterogeneous Transfer Learning for Hyperspectral Image Classification Based on Convolutional Neural Network. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2020 , 58, 3246-3263	8.1	58

32	Deep Fusion for Radar Jamming Signal Classification Based on CNN. <i>IEEE Access</i> , 2020 , 8, 117236-117244	3.5	8
31	Optimized Input for CNN-Based Hyperspectral Image Classification Using Spatial Transformer Network. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2019 , 16, 1884-1888	4.1	30
30	Deep Convolutional Capsule Network for Hyperspectral Image Spectral and Spectral-Spatial Classification. <i>Remote Sensing</i> , 2019 , 11, 223	5	50
29	Deep Learning Ensemble for Hyperspectral Image Classification. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2019 , 12, 1882-1897	4.7	60
28	Automatic Design of Convolutional Neural Network for Hyperspectral Image Classification. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2019 , 57, 7048-7066	8.1	80
27	Deep Learning for Hyperspectral Image Classification: An Overview. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2019 , 57, 6690-6709	8.1	478
26	Hyperspectral image classification based on convolutional neural network and random forest. <i>Remote Sensing Letters</i> , 2019 , 10, 1086-1094	2.3	27
25	Fine-Grained Classification of Hyperspectral Imagery Based on Deep Learning. <i>Remote Sensing</i> , 2019 , 11, 2690	5	6
24	Vehicle Detection in High-Resolution Images Using Superpixel Segmentation and CNN Iteration Strategy. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2019 , 16, 105-109	4.1	6
23	LiDAR Data Classification Using Spatial Transformation and CNN. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2019 , 16, 125-129	4.1	19
22	Generative Adversarial Networks for Hyperspectral Image Classification. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2018 , 56, 5046-5063	8.1	317
21	LiDAR Data Classification Using Morphological Profiles and Convolutional Neural Networks. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2018 , 15, 774-778	4.1	18
20	. <i>IEEE Geoscience and Remote Sensing Magazine</i> , 2018 , 6, 10-43	8.9	185
19	Supervised Multiview Feature Selection Exploring Homogeneity and Heterogeneity With $\ell_{1,2}$ -Norm and Automatic View Generation. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2017 , 55, 2074-2088	8.1	7
18	Deep Fusion of Remote Sensing Data for Accurate Classification. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2017 , 14, 1253-1257	4.1	93
17	. <i>IEEE Geoscience and Remote Sensing Magazine</i> , 2017 , 5, 8-32	8.9	722
16	Hyperspectral data clustering based on density analysis ensemble. <i>Remote Sensing Letters</i> , 2017 , 8, 194-203	3	14
15	Hyperspectral Images Classification With Gabor Filtering and Convolutional Neural Network. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2017 , 14, 2355-2359	4.1	124

14	Combining Component Substitution and Multiresolution Analysis: A Novel Generalized BSDS Pansharpener Algorithm. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2017 , 10, 2867-2875	4.7	45
13	. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2016 , 54, 6232-6251	8.1	1372
12	A Self-Improving Convolution Neural Network for the Classification of Hyperspectral Data. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2016 , 13, 1537-1541	4.1	98
11	Adaptive semisupervised feature selection without graph construction for very-high-resolution remote sensing images. <i>Journal of Applied Remote Sensing</i> , 2016 , 10, 025002	1.4	1
10	Learning Contextual Dependence With Convolutional Hierarchical Recurrent Neural Networks. <i>IEEE Transactions on Image Processing</i> , 2016 , 25, 2983-2996	8.7	66
9	Spectral-spatial Classification of Hyperspectral Data Based on Deep Belief Network. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2015 , 8, 2381-2392	4.7	722
8	Deep Learning-Based Classification of Hyperspectral Data. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2014 , 7, 2094-2107	4.7	1442
7	Joint Adaboost and multifeature based ensemble for hyperspectral image classification 2014 ,		2
6	Supervised Locally Linear Embedding based dimension reduction for hyperspectral image classification 2013 ,		7
5	Spectral-spatial classification of hyperspectral image using autoencoders 2013 ,		11
4	Riemannian manifold learning based k-nearest-neighbor for hyperspectral image classification 2013 ,		15
3	Parallel implementation for SAM algorithm based on GPU and distributed computing 2012 ,		1
2	A robust spectral target recognition method for hyperspectral data based on combined spectral signatures 2011 ,		5
1	A BOI-Preserving-Based Compression Method for Hyperspectral Images. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2010 ,	8.1	6