

Yunsong Li

List of Publications by Year in descending order

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45
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236925

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#	ARTICLE	IF	CITATIONS
1	Edge-Conditioned Feature Transform Network for Hyperspectral and Multispectral Image Fusion. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-15.	6.3	11
2	Fusion of Hyperspectral and Panchromatic Images Using Generative Adversarial Network and Image Segmentation. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	6.3	10
3	Sparse Coding-Inspired GAN for Hyperspectral Anomaly Detection in Weakly Supervised Learning. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-11.	6.3	18
4	Hyperspectral Target Detection Using a Bilinear Sparse Binary Hypothesis Model. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	6.3	4
5	Target Detection With Unconstrained Linear Mixture Model and Hierarchical Denoising Autoencoder in Hyperspectral Imagery. IEEE Transactions on Image Processing, 2022, 31, 1418-1432.	9.8	31
6	HASIC-Net: Hybrid Attentional Convolutional Neural Network With Structure Information Consistency for Spectral Super-Resolution of RGB Images. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-15.	6.3	10
7	SGML: A Symmetric Graph Metric Learning Framework for Efficient Hyperspectral Image Classification. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 609-622.	4.9	7
8	Dual-Frequency Autoencoder for Anomaly Detection in Transformed Hyperspectral Imagery. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	6.3	7
9	A Low-Complexity Hyperspectral Anomaly Detection Algorithm and Its FPGA Implementation. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 907-921.	4.9	10
10	Hybrid 2-D \times 3-D Deep Residual Attentional Network With Structure Tensor Constraints for Spectral Super-Resolution of RGB Images. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 2321-2335.	6.3	32
11	Dual feature extraction network for hyperspectral image analysis. Pattern Recognition, 2021, 118, 107992.	8.1	37
12	Hyperspectral Target Detection With RoI Feature Transformation and Multiscale Spectral Attention. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 5071-5084.	6.3	32
13	Sensor-Independent Hyperspectral Target Detection With Semisupervised Domain Adaptive Few-Shot Learning. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 6894-6906.	6.3	25
14	Weakly Supervised Low-Rank Representation for Hyperspectral Anomaly Detection. IEEE Transactions on Cybernetics, 2021, 51, 3889-3900.	9.5	48
15	Self-spectral learning with GAN based spectral \leftrightarrow spatial target detection for hyperspectral image. Neural Networks, 2021, 142, 375-387.	5.9	23
16	Spectral mapping with adversarial learning for unsupervised hyperspectral change detection. Neurocomputing, 2021, 465, 71-83.	5.9	15
17	Deep Residual Learning for Boosting the Accuracy of Hyperspectral Pansharpening. IEEE Geoscience and Remote Sensing Letters, 2020, 17, 1435-1439.	3.1	28
18	Adaptive Weighted Attention Network with Camera Spectral Sensitivity Prior for Spectral Reconstruction from RGB Images. , 2020, , .		63

#	ARTICLE	IF	CITATIONS
19	NTIRE 2020 Challenge on Spectral Reconstruction from an RGB Image. , 2020, , .		64
20	Unsupervised spectral mapping and feature selection for hyperspectral anomaly detection. Neural Networks, 2020, 132, 144-154.	5.9	14
21	Discriminative Feature Learning Constrained Unsupervised Network for Cloud Detection in Remote Sensing Imagery. Remote Sensing, 2020, 12, 456.	4.0	5
22	SRUN: Spectral Regularized Unsupervised Networks for Hyperspectral Target Detection. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 1463-1474.	6.3	36
23	Hyperspectral Image Super-Resolution by Band Attention Through Adversarial Learning. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 4304-4318.	6.3	60
24	Discriminative Reconstruction Constrained Generative Adversarial Network for Hyperspectral Anomaly Detection. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 4666-4679.	6.3	112
25	Discriminative Reconstruction for Hyperspectral Anomaly Detection With Spectral Learning. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 7406-7417.	6.3	37
26	Spectral Super-Resolution Using Hybrid 2D-3D Structure Tensor Attention Networks with Camera Spectral Sensitivity Prior. , 2020, , .		2
27	A Novel Effectively Optimized One-Stage Network for Object Detection in Remote Sensing Imagery. Remote Sensing, 2019, 11, 1376.	4.0	19
28	Spectral constraint adversarial autoencoders approach to feature representation in hyperspectral anomaly detection. Neural Networks, 2019, 119, 222-234.	5.9	72
29	Spectral“Spatial Feature Extraction for Hyperspectral Anomaly Detection. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 8131-8143.	6.3	57
30	Discriminative Feature Learning With Distance Constrained Stacked Sparse Autoencoder for Hyperspectral Target Detection. IEEE Geoscience and Remote Sensing Letters, 2019, 16, 1462-1466.	3.1	37
31	Hyperspectral Image Super-Resolution Using Deep Feature Matrix Factorization. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 6055-6067.	6.3	63
32	Structure Tensor and Guided Filtering-Based Algorithm for Hyperspectral Anomaly Detection. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 4218-4230.	6.3	85
33	SOON: Specifically Optimized One-Stage Network for Object Detection in Remote Sensing Imagery. , 2019, , .		2
34	Hyperspectral Target Detection With Macro-Micro Feature Extracted by 3-D Residual Autoencoder. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2019, 12, 4907-4919.	4.9	23
35	High-quality spectral-spatial reconstruction using saliency detection and deep feature enhancement. Pattern Recognition, 2019, 88, 139-152.	8.1	36
36	Hyperspectral Image Classification With Imbalanced Data Based on Orthogonal Complement Subspace Projection. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 3838-3851.	6.3	53

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37	Scalable Video Coding Based on User's View for Real-Time Virtual Reality Applications. IEEE Communications Letters, 2018, 22, 25-28.	4.1	22
38	Deep Kernel Extreme-Learning Machine for the Spectral-Spatial Classification of Hyperspectral Imagery. Remote Sensing, 2018, 10, 2036.	4.0	32
39	Trainable spectral difference learning with spatial starting for hyperspectral image denoising. Neural Networks, 2018, 108, 272-286.	5.9	15
40	Hyperspectral Classification Based on Texture Feature Enhancement and Deep Belief Networks. Remote Sensing, 2018, 10, 396.	4.0	78
41	Deep convolutional networks with residual learning for accurate spectral-spatial denoising. Neurocomputing, 2018, 312, 372-381.	5.9	36
42	Hyperspectral image super-resolution using deep convolutional neural network. Neurocomputing, 2017, 266, 29-41.	5.9	130
43	Hyperspectral Imagery Denoising by Deep Learning With Trainable Nonlinearity Function. IEEE Geoscience and Remote Sensing Letters, 2017, 14, 1963-1967.	3.1	69
44	Hyperspectral Image Super-Resolution by Spectral Difference Learning and Spatial Error Correction. IEEE Geoscience and Remote Sensing Letters, 2017, 14, 1825-1829.	3.1	58
45	Hyperspectral image reconstruction by deep convolutional neural network for classification. Pattern Recognition, 2017, 63, 371-383.	8.1	217