

Hong

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

616
citations

516710

16
h-index

610901

24
g-index

32
all docs

32
docs citations

32
times ranked

697
citing authors

#	ARTICLE	IF	CITATIONS
1	Hyperspectral Image Classification Using Functional Data Analysis. IEEE Transactions on Cybernetics, 2014, 44, 1544-1555.	9.5	55
2	Reweighted Sparse Regression for Hyperspectral Unmixing. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 479-488.	6.3	52
3	Error Analysis for Matrix Elastic-Net Regularization Algorithms. IEEE Transactions on Neural Networks and Learning Systems, 2012, 23, 737-748.	11.3	48
4	Adaptive Deep Cascade Broad Learning System and Its Application in Image Denoising. IEEE Transactions on Cybernetics, 2021, 51, 4450-4463.	9.5	42
5	Hierarchical Feature Extraction With Local Neural Response for Image Recognition. IEEE Transactions on Cybernetics, 2013, 43, 412-424.	9.5	38
6	Hyperspectral Image Classification Based on Multiscale Spatial Information Fusion. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 5302-5312.	6.3	36
7	Hyperspectral Image Classification Using Principal Components-Based Smooth Ordering and Multiple 1-D Interpolation. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 1199-1209.	6.3	27
8	Comparison of adaptive mono-component decompositions. Nonlinear Analysis: Real World Applications, 2013, 14, 1055-1074.	1.7	26
9	A Novel Rank Approximation Method for Mixture Noise Removal of Hyperspectral Images. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 4457-4469.	6.3	26
10	Spectral-Spatial Response for Hyperspectral Image Classification. Remote Sensing, 2017, 9, 203.	4.0	24
11	Neural-Response-Based Extreme Learning Machine for Image Classification. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 539-552.	11.3	23
12	Similarity learning for object recognition based on derived kernel. Neurocomputing, 2012, 83, 110-120.	5.9	22
13	Quaternion-Based Multiscale Analysis for Feature Extraction of Hyperspectral Images. IEEE Transactions on Signal Processing, 2019, 67, 1418-1430.	5.3	21
14	Deep High-Order Tensor Convolutional Sparse Coding for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-11.	6.3	21
15	Hyperspectral Image Classification Using Spectral-Spatial Composite Kernels Discriminant Analysis. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2015, 8, 2341-2350.	4.9	18
16	Building feedforward neural networks with random weights for large scale datasets. Expert Systems With Applications, 2018, 106, 233-243.	7.6	18
17	Learning a Deep Similarity Network for Hyperspectral Image Classification. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 1482-1496.	4.9	16
18	Hyperspectral Image Classification Via Spectral-Spatial Random Patches Network. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 4753-4764.	4.9	15

#	ARTICLE	IF	CITATIONS
19	Grassmannian Manifold Optimization Assisted Sparse Spectral Clustering. , 2017, , .		13
20	JMnet: Joint Metric Neural Network for Hyperspectral Unmixing. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-12.	6.3	12
21	Supervised Functional Data Discriminant Analysis for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 841-851.	6.3	11
22	Sparse-based neural response for image classification. Neurocomputing, 2014, 144, 198-207.	5.9	9
23	A Hybrid Truncated Norm Regularization Method for Matrix Completion. IEEE Transactions on Image Processing, 2019, 28, 5171-5186.	9.8	9
24	A Modified Huber Nonnegative Matrix Factorization Algorithm for Hyperspectral Unmixing. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 5559-5571.	4.9	8
25	Functional Feature Extraction for Hyperspectral Image Classification With Adaptive Rational Function Approximation. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 7680-7694.	6.3	5
26	Two-Branch Deconvolutional Network With Application in Stereo Matching. IEEE Transactions on Image Processing, 2022, 31, 327-340.	9.8	5
27	Deep Manifold Structure-Preserving Spectral Spatial Feature Extraction of Hyperspectral Image. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	6.3	4
28	Two-Branch Convolutional Sparse Representation for Stereo Matching. IEEE Access, 2021, 9, 21910-21920.	4.2	4
29	A Sparse Oblique-Manifold Nonnegative Matrix Factorization for Hyperspectral Unmixing. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	6.3	3
30	ELASTIC-NET REGULARIZATION FOR LOW-RANK MATRIX RECOVERY. International Journal of Wavelets, Multiresolution and Information Processing, 2012, 10, 1250050.	1.3	2
31	An unsupervised stereo matching cost based on sparse representation. International Journal of Wavelets, Multiresolution and Information Processing, 2021, 19, 2050060.	1.3	2
32	A Probability Metric-Based Autoencoder for Hyperspectral Unmixing. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	6.3	1