Jun Li

List of Publications by Year in descending order

198 papers	11,470 citations	34105 52 h-index	29157 104 g-index
198 all docs	198 docs citations	198 times ranked	6061 citing authors

#	Article	IF	Citations
1	A³ CLNN: Spatial, Spectral and Multiscale Attention ConvLSTM Neural Network for Multisource Remote Sensing Data Classification. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 747-761.	11.3	58
2	Spectral-Spatial Hyperspectral Unmixing Using Nonnegative Matrix Factorization. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	6.3	20
3	Accelerating Convolutional Neural Network-Based Hyperspectral Image Classification by Step Activation Quantization. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-12.	6.3	27
4	Multiframe Video Satellite Image Super-Resolution via Attention-Based Residual Learning. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-15.	6.3	10
5	Phase-Induced Gabor-Based Multiview Active Learning for Hyperspectral Image Classification. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	4
6	Spatial Downscaling of IMERG Considering Vegetation Index Based on Adaptive Lag Phase. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-15.	6.3	8
7	Enhanced Spatiotemporal Fusion via MODIS-Like Images. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-17.	6.3	6
8	Ensemble Entropy Metric for Hyperspectral Anomaly Detection. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-17.	6.3	7
9	RRNet: Relational Reasoning Network With Parallel Multiscale Attention for Salient Object Detection in Optical Remote Sensing Images. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-11.	6.3	75
10	CNN-Based Hyperspectral Pansharpening With Arbitrary Resolution. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-21.	6.3	13
11	Optical Remote Sensing Image Understanding With Weak Supervision: Concepts, methods, and perspectives. IEEE Geoscience and Remote Sensing Magazine, 2022, 10, 250-269.	9.6	24
12	Efficient phase-induced gabor cube selection and weighted fusion for hyperspectral image classification. Science China Technological Sciences, 2022, 65, 778-792.	4.0	2
13	Pansharpening-Based Spatio-Temporal Fusion for Predicting Intense Surface Changes. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	6.3	2
14	MSLAN: A Two-Branch Multidirectional Spectralâ€“Spatial LSTM Attention Network for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	6.3	16
15	MLFF-GAN: A Multilevel Feature Fusion With GAN for Spatiotemporal Remote Sensing Images. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-16.	6.3	16
16	Remote Sensing Data Fusion With Generative Adversarial Networks: State-of-the-art methods and future research directions. IEEE Geoscience and Remote Sensing Magazine, 2022, 10, 295-328.	9.6	22
17	Vicarious Radiometric Calibration of the AHSI Instrument Onboard ZY1E on Dunhuang Radiometric Calibration Site. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	6.3	4
18	Geological Remote Sensing Interpretation Using Deep Learning Feature and an Adaptive Multisource Data Fusion Network. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	6.3	13

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19	Variable Subpixel Convolution Based Arbitrary-Resolution Hyperspectral Pansharpening. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-19.	6.3	6
20	Multiscale DenseNet Meets With Bi-RNN for Hyperspectral Image Classification. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 5401-5415.	4.9	17
21	Scheduling-Guided Automatic Processing of Massive Hyperspectral Image Classification on Cloud Computing Architectures. IEEE Transactions on Cybernetics, 2021, 51, 3588-3601.	9.5	54
22	Naive Gabor Networks for Hyperspectral Image Classification. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 376-390.	11.3	40
23	Geographic Optimal Transport for Heterogeneous Data: Fusing Remote Sensing and Social Media. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 6935-6945.	6.3	8
24	Editorial Message From the New Editor-in-Chief. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 1-2.	4.9	6
25	Distributed Fusion of Heterogeneous Remote Sensing and Social Media Data: A Review and New Developments. Proceedings of the IEEE, 2021, 109, 1350-1363.	21.3	15
26	Deep Autoencoders With Multitask Learning for Bilinear Hyperspectral Unmixing. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 8615-8629.	6.3	46
27	Attention-Gate-Based Encoderâ€“Decoder Network for Automatical Building Extraction. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 2611-2620.	4.9	62
28	A Multispectral and Multiangle 3-D Convolutional Neural Network for the Classification of ZY-3 Satellite Images Over Urban Areas. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 10266-10285.	6.3	12
29	Semisupervised Discriminative Random Field for Hyperspectral Image Classification. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 12403-12414.	4.9	3
30	Subspace-based multitask learning framework for hyperspectral imagery classification. Multimedia Tools and Applications, 2020, 79, 8887-8909.	3.9	0
31	Edge Gradient-Based Active Learning for Hyperspectral Image Classification. IEEE Geoscience and Remote Sensing Letters, 2020, 17, 1588-1592.	3.1	8
32	Curvelet Transform Domain-Based Sparse Nonnegative Matrix Factorization for Hyperspectral Unmixing. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 4908-4924.	4.9	16
33	Spectral-Fidelity Convolutional Neural Networks for Hyperspectral Pansharpening. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 5898-5914.	4.9	32
34	Improving Spectral-Based Endmember Finding by Exploring Spatial Context for Hyperspectral Unmixing. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 3336-3349.	4.9	11
35	Hyperspectral Image Spectralâ€“Spatial-Range Gabor Filtering. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 4818-4836.	6.3	21
36	Generalized Morphological Component Analysis for Hyperspectral Unmixing. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 2817-2832.	6.3	15

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37	Spatio-temporal fusion for remote sensing data: an overview and new benchmark. Science China Information Sciences, 2020, 63, 1.	4.3	74
38	A new sensor bias-driven spatio-temporal fusion model based on convolutional neural networks. Science China Information Sciences, 2020, 63, 1.	4.3	47
39	HyperPNN: Hyperspectral Pansharpening via Spectrally Predictive Convolutional Neural Networks. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2019, 12, 3092-3100.	4.9	67
40	DAEN: Deep Autoencoder Networks for Hyperspectral Unmixing. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 4309-4321.	6.3	186
41	Superpixel-Guided Layer-Wise Embedding CNN for Remote Sensing Image Classification. Remote Sensing, 2019, 11, 174.	4.0	15
42	Visual Attention-Driven Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 8065-8080.	6.3	185
43	Multiscale Superpixelwise Locality Preserving Projection for Hyperspectral Image Classification. Applied Sciences (Switzerland), 2019, 9, 2161.	2.5	7
44	Subpixel Component Analysis for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 5564-5579.	6.3	12
45	Hyperspectral Image Classification Using Random Occlusion Data Augmentation. IEEE Geoscience and Remote Sensing Letters, 2019, 16, 1751-1755.	3.1	86
46	Remote Sensing Single-Image Superresolution Based on a Deep Compendium Model. IEEE Geoscience and Remote Sensing Letters, 2019, 16, 1432-1436.	3.1	45
47	Abundance-Indicated Subspace for Hyperspectral Classification With Limited Training Samples. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2019, 12, 1265-1278.	4.9	12
48	Pansharpening via Detail Injection Based Convolutional Neural Networks. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2019, 12, 1188-1204.	4.9	131
49	Superpixel Tensor Model for Spatialâ€“Spectral Classification of Remote Sensing Images. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 4705-4719.	6.3	20
50	Unsupervised Feature Extraction in Hyperspectral Images Based on Wasserstein Generative Adversarial Network. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 2669-2688.	6.3	88
51	Capsule Networks for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 2145-2160.	6.3	261
52	A Two-Phase Multiobjective Sparse Unmixing Approach for Hyperspectral Data. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 508-523.	6.3	29
53	Feature-Driven Active Learning for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 341-354.	6.3	37
54	Lunar Crater Detection Based on Terrain Analysis and Mathematical Morphology Methods Using Digital Elevation Models. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 3681-3692.	6.3	30

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55	Convex Formulation for Multiband Image Classification With Superpixel-Based Spatial Regularization. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 2704-2721.	6.3	12
56	Multiview Intensity-Based Active Learning for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 669-680.	6.3	34
57	Recent Advances on Spectralâ€“Spatial Hyperspectral Image Classification: An Overview and New Guidelines. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 1579-1597.	6.3	438
58	Spectralâ€“Spatial Weighted Sparse Regression for Hyperspectral Image Unmixing. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 3265-3276.	6.3	147
59	A novel active learning approach for the classification of hyperspectral imagery using quasi-Newton multinomial logistic regression. International Journal of Remote Sensing, 2018, 39, 3029-3054.	2.9	14
60	A Technique for Subpixel Analysis of Dynamic Mangrove Ecosystems With Time-Series Hyperspectral Image Data. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2018, 11, 1244-1252.	4.9	11
61	Regional clustering-based spatial preprocessing for hyperspectral unmixing. Remote Sensing of Environment, 2018, 204, 333-346.	11.0	81
62	GPU Parallel Implementation of Spatially Adaptive Hyperspectral Image Classification. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2018, 11, 1131-1143.	4.9	57
63	Urban Impervious Surface Estimation from Remote Sensing and Social Data. Photogrammetric Engineering and Remote Sensing, 2018, 84, 771-780.	0.6	16
64	A Subpixel Spatial-Spectral Feature Mining for Hyperspectral Image Classification. , 2018, , .		2
65	A Case Study of Dark-objects Subtraction based Atmospheric Correction Methods for GF-1 Satellite Images. , 2018, , .		0
66	Impervious Surface Extraction From Multispectral Images via Morphological Attribute Profiles Based on Spectral Analysis. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2018, 11, 4775-4790.	4.9	7
67	Urban Impervious Surface Extraction Based on the Integration of Remote Sensing Images and Social Media Data. , 2018, , .		0
68	Wide Contextual Residual Network with Active Learning for Remote Sensing Image Classification. , 2018, , .		11
69	Superpixel-Based Semisupervised Active Learning for Hyperspectral Image Classification. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2018, , 1-14.	4.9	28
70	Identifying Mangrove Species Using Field Close-Range Snapshot Hyperspectral Imaging and Machine-Learning Techniques. Remote Sensing, 2018, 10, 2047.	4.0	32
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72	Deep Auto-Encoder Network for Hyperspectral Image Unmixing. , 2018, , .		5

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73	Deep learning for remotely sensed data. ISPRS Journal of Photogrammetry and Remote Sensing, 2018, 145, 1-2.	11.1	14
74	Multi-sensor image registration by combining local self-similarity matching and mutual information. Frontiers of Earth Science, 2018, 12, 779-790.	2.1	15
75	Multispectral Bathymetry via Linear Unmixing of the Benthic Reflectance. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2018, 11, 4349-4363.	4.9	17
76	Spatial Discontinuity-Weighted Sparse Unmixing of Hyperspectral Images. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 5767-5779.	6.3	42
77	Active Learning With Convolutional Neural Networks for Hyperspectral Image Classification Using a New Bayesian Approach. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 6440-6461.	6.3	210
78	Hyperspectral Unmixing Using Sparsity-Constrained Deep Nonnegative Matrix Factorization With Total Variation. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 6245-6257.	6.3	99
79	3D-Gabor Inspired Multiview Active Learning for Spectral-Spatial Hyperspectral Image Classification. Remote Sensing, 2018, 10, 1070.	4.0	21
80	A New Spectral-Spatial Sub-Pixel Mapping Model for Remotely Sensed Hyperspectral Imagery. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 6763-6778.	6.3	22
81	Notice of Retraction: Objective MIMO Measurement. IEEE Transactions on Electromagnetic Compatibility, 2018, 60, 1190-1197.	2.2	0
82	Stacked Nonnegative Sparse Autoencoders for Robust Hyperspectral Unmixing. IEEE Geoscience and Remote Sensing Letters, 2018, 15, 1427-1431.	3.1	76
83	Subpixel Surface Water Extraction (SSWE) Using Landsat 8 OLI Data. Water (Switzerland), 2018, 10, 653.	2.7	23
84	Kernel Low-Rank Multitask Learning in Variational Mode Decomposition Domain for Multi-/Hyperspectral Classification. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 4193-4208.	6.3	22
85	Accuracy and stability improvement in detecting Wuchang rice adulteration by piece-wise multiplicative scatter correction in the hyperspectral imaging system. Analytical Methods, 2018, 10, 3224-3231.	2.7	30
86	Sparse Graph Regularization for Hyperspectral Remote Sensing Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 2351-2366.	6.3	33
87	Social Media: New Perspectives to Improve Remote Sensing for Emergency Response. Proceedings of the IEEE, 2017, 105, 1900-1912.	21.3	45
88	Hyperspectral Unmixing Using Double Reweighted Sparse Regression and Total Variation. IEEE Geoscience and Remote Sensing Letters, 2017, 14, 1146-1150.	3.1	85
89	Advanced Spectral Classifiers for Hyperspectral Images: A review. IEEE Geoscience and Remote Sensing Magazine, 2017, 5, 8-32.	9.6	893
90	Discriminative Low-Rank Gabor Filtering for Spectralâ€“Spatial Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 1381-1395.	6.3	111

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91	Sparse graph regularization for robust crop mapping using hyperspectral remotely sensed imagery with very few in situ data. ISPRS Journal of Photogrammetry and Remote Sensing, 2017, 124, 1-15.	11.1	20
92	Spatial Technology and Social Media in Remote Sensing: A Survey. Proceedings of the IEEE, 2017, 105, 1855-1864.	21.3	27
93	Robust Minimum Volume Simplex Analysis for Hyperspectral Unmixing. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 6431-6439.	6.3	38
94	Hyperspectral Anomaly Detection With Attribute and Edge-Preserving Filters. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 5600-5611.	6.3	291
95	Three-dimensional empirical mode decomposition (TEMD): A fast approach motivated by separable filters. Signal Processing, 2017, 131, 307-319.	3.7	22
96	Superpixel-Based Active Learning and Online Feature Importance Learning for Hyperspectral Image Analysis. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2017, 10, 347-359.	4.9	35
97	Quantifying Spatiotemporal Dynamics of Urban Growth Modes in Metropolitan Cities of China: Beijing, Shanghai, Tianjin, and Guangzhou. Journal of the Urban Planning and Development Division, ASCE, 2017, 143, .	1.7	32
98	Class-Oriented Spectral Partitioning for Remotely Sensed Hyperspectral Image Classification. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2017, 10, 691-711.	4.9	8
99	Spatial technology and social media in remote sensing: challenges and opportunities [point of view]. Proceedings of the IEEE, 2017, 105, 1583-1585.	21.3	5
100	Advances in Hyperspectral Image and Signal Processing: A Comprehensive Overview of the State of the Art. IEEE Geoscience and Remote Sensing Magazine, 2017, 5, 37-78.	9.6	533
101	Gabor feature based support vector guided dictionary learning for hyperspectral image classification. , 2017, , .		0
102	Hyperspectral cloud shadow removal based on linear unmixing. , 2017, , .		10
103	Impervious surface extraction from multispectral images using morphological attribute profiles and spectral mixture analysis. , 2017, , .		0
104	Nonnegative sparse autoencoder for robust endmember extraction from remotely sensed hyperspectral images. , 2017, , .		24
105	Remote sensing image classification based on convolutional neural networks with two-fold sparse regularization. , 2017, , .		6
106	Spatial Technology and Social Media [Scanning the Issue]. Proceedings of the IEEE, 2017, 105, 1851-1854.	21.3	1
107	Spatial weighted sparse regression for hyperspectral image unmixing. , 2017, , .		2
108	Hyperspectral classification based on kernel low-rank multitask learning. , 2017, , .		3

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109	Multi-superpixelization-based convex formulation for joint classification of hyperspectral and lidar data. , 2017, , .		2
110	Spectral-Spatial Hyperspectral Image Classification Using Subspace-Based Support Vector Machines and Adaptive Markov Random Fields. Remote Sensing, 2016, 8, 355.	4.0	69
111	Tensor Block-Sparsity Based Representation for Spectral-Spatial Hyperspectral Image Classification. Remote Sensing, 2016, 8, 636.	4.0	8
112	Improved discrete swarm intelligence algorithms for endmember extraction in hyperspectral remote sensing image. , 2016, , .		0
113	Sparse hyperspectral unmixing with spatial discontinuity preservation. , 2016, , .		0
114	Improved discrete swarm intelligence algorithms for endmember extraction from hyperspectral remote sensing images. Journal of Applied Remote Sensing, 2016, 10, 045018.	1.3	5
115	Active learning approach for remote sensing imagery classification using spatial information. , 2016, , .		0
116	Convex formulation for hyperspectral image classification with superpixels. , 2016, , .		4
117	Spectral-spatial classification based on subspace support vector machine and Markov random field. , 2016, , .		1
118	Active learning based autoencoder for hyperspectral imagery classification. , 2016, , .		14
119	Gabor-based active learning for hyperspectral image classification. , 2016, , .		0
120	Parallel and Distributed Dimensionality Reduction of Hyperspectral Data on Cloud Computing Architectures. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2016, 9, 2270-2278.	4.9	99
121	Hyperspectral Unmixing Based on Local Collaborative Sparse Regression. IEEE Geoscience and Remote Sensing Letters, 2016, 13, 631-635.	3.1	63
122	Fast Three-Dimensional Empirical Mode Decomposition of Hyperspectral Images for Class-Oriented Multitask Learning. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 6625-6643.	6.3	6
123	Robust Collaborative Nonnegative Matrix Factorization for Hyperspectral Unmixing. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 6076-6090.	6.3	162
124	Spatialâ€“Spectral Hyperspectral Image Classification Using Random Multiscale Representation. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2016, 9, 4129-4141.	4.9	8
125	A Gaussian approach to subspace based classification of hyperspectral images. , 2016, , .		2
126	Multi-way projections-based reconstruction for hyperspectral image denoising. , 2016, , .		0

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127	A new tool for supervised classification of satellite images available on web servers: Google Maps as a case study. , 2016, , .		1
128	Spatial-spectral preprocessing for endmember extraction on GPU's. Proceedings of SPIE, 2016, , .	0.8	0
129	A multiple criteria-based spectral partitioning method for remotely sensed hyperspectral image classification. Proceedings of SPIE, 2016, , .	0.8	0
130	A new semi-supervised classification strategy combining active learning and spectral unmixing of hyperspectral data. Proceedings of SPIE, 2016, , .	0.8	0
131	GPU implementation of hyperspectral image classification based on weighted Markov random fields. , 2016, , .		2
132	Multiple Morphological Component Analysis Based Decomposition for Remote Sensing Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 3083-3102.	6.3	56
133	Improved hyperspectral image classification by active learning using pre-designed mixed pixels. Pattern Recognition, 2016, 51, 43-58.	8.1	59
134	A Discontinuity Preserving Relaxation Scheme for Spectralâ€“Spatial Hyperspectral Image Classification. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2016, 9, 625-639.	4.9	73
135	A Novel MRF-Based Multifeature Fusion for Classification of Remote Sensing Images. IEEE Geoscience and Remote Sensing Letters, 2016, 13, 515-519.	3.1	30
136	Probabilistic-Kernel Collaborative Representation for Spatialâ€“Spectral Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 2371-2384.	6.3	83
137	Anomaly Detection in Hyperspectral Images Based on Low-Rank and Sparse Representation. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 1990-2000.	6.3	358
138	One-Class Classification of Remote Sensing Images Using Kernel Sparse Representation. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2016, 9, 1613-1623.	4.9	43
139	Spectrometer-Driven Spectral Partitioning for Hyperspectral Image Classification. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2016, 9, 668-680.	4.9	8
140	Maximum Entropy Model based on Feature Extraction for Sentiment Detection of Text. , 2016, , .		0
141	Classification of Several Optically Complex Waters in China Using in Situ Remote Sensing Reflectance. Remote Sensing, 2015, 7, 14731-14756.	4.0	37
142	Robust collaborative nonnegative matrix factorization for hyperspectra unmixing (R-CONMF). , 2015, , .		0
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145	Remote sensing image classification based on multiple morphological component analysis. , 2015, , .		1
146	Class-oriented spectral partitioning for hyperspectral image classification. , 2015, , .		1
147	Fast principal component analysis for hyperspectral imaging based on cloud computing. , 2015, , .		15
148	Fusion of hyperspectral and lidar data using generalized composite kernels: A case study in Extremadura, Spain. , 2015, , .		8
149	Hyperspectral image classification based on union of subspaces. , 2015, , .		4
150	Minimum Volume Simplex Analysis: A Fast Algorithm for Linear Hyperspectral Unmixing. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 5067-5082.	6.3	165
151	Hyperspectral image clustering method based on artificial bee colony algorithm and Markov random fields. Journal of Applied Remote Sensing, 2015, 9, 095047.	1.3	9
152	Complementarity of Discriminative Classifiers and Spectral Unmixing Techniques for the Interpretation of Hyperspectral Images. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 2899-2912.	6.3	24
153	Multiple Algorithm Integration Based on Ant Colony Optimization for Endmember Extraction From Hyperspectral Imagery. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2015, 8, 2569-2582.	4.9	27
154	Fusion of Hyperspectral and LiDAR Remote Sensing Data Using Multiple Feature Learning. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2015, 8, 2971-2983.	4.9	139
155	GPU Implementation of Composite Kernels for Hyperspectral Image Classification. IEEE Geoscience and Remote Sensing Letters, 2015, 12, 1973-1977.	3.1	17
156	Parallel Implementation of Sparse Representation Classifiers for Hyperspectral Imagery on GPUs. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2015, 8, 2912-2925.	4.9	29
157	Graphics processing unitâ€“accelerated computation of the Markov random fields and loopy belief propagation algorithms for hyperspectral image classification. Journal of Applied Remote Sensing, 2015, 9, 097295.	1.3	8
158	A novel semi-supervised hyperspectral image classification approach based on spatial neighborhood information and classifier combination. ISPRS Journal of Photogrammetry and Remote Sensing, 2015, 105, 19-29.	11.1	79
159	Learning Discriminative Sparse Representations for Hyperspectral Image Classification. IEEE Journal on Selected Topics in Signal Processing, 2015, 9, 1089-1104.	10.8	47
160	Normal Endmember Spectral Unmixing Method for Hyperspectral Imagery. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2015, 8, 2598-2606.	4.9	24
161	Simultaneous Sparse Graph Embedding for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 6114-6133.	6.3	52
162	Parallel Spatialâ€“Spectral Hyperspectral Image Classification With Sparse Representation and Markov Random Fields on GPUs. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2015, 8, 2926-2938.	4.9	29

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163	Improved snow depth retrieval by integrating microwave brightness temperature and visible/infrared reflectance. Remote Sensing of Environment, 2015, 156, 500-509.	11.0	31
164	Multiple Feature Learning for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 1592-1606.	6.3	282
165	Spectralâ€“Spatial Classification of Hyperspectral Data via Morphological Component Analysis-Based Image Separation. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 70-84.	6.3	53
166	Subspace-Based Support Vector Machines for Hyperspectral Image Classification. IEEE Geoscience and Remote Sensing Letters, 2015, 12, 349-353.	3.1	93
167	Multiple Morphological Profiles From Multicomponent-Base Images for Hyperspectral Image Classification. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2014, 7, 4653-4669.	4.9	53
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169	A Subspace-Based Multinomial Logistic Regression for Hyperspectral Image Classification. IEEE Geoscience and Remote Sensing Letters, 2014, 11, 2105-2109.	3.1	65
170	A new framework for hyperspectral image classification using multiple spectral and spatial features. , 2014, , .		7
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172	Real-time implementation of optimized maximum noise fraction transform for feature extraction of hyperspectral images. Journal of Applied Remote Sensing, 2014, 8, 084797.	1.3	13
173	Probabilistic anomaly detector for remotely sensed hyperspectral data. Journal of Applied Remote Sensing, 2014, 8, 083538.	1.3	29
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