Xiuping Jia

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2354545/publications.pdf

Version: 2024-02-01

317 papers	12,400 citations	36203 51 h-index	37111 96 g-index
319 all docs	319 docs citations	319 times ranked	7875 citing authors

#	Article	IF	Citations
1	Graph-in-Graph Convolutional Network for Hyperspectral Image Classification. IEEE Transactions on Neural Networks and Learning Systems, 2024, 35, 1157-1171.	7.2	24
2	SpaSSA: Superpixelwise Adaptive SSA for Unsupervised Spatialâ€“Spectral Feature Extraction in Hyperspectral Image. IEEE Transactions on Cybernetics, 2022, 52, 6158-6169.	6.2	33
3	Fusion of PCA and Segmented-PCA Domain Multiscale 2-D-SSA for Effective Spectral-Spatial Feature Extraction and Data Classification in Hyperspectral Imagery. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	2.7	25
4	Spectralâ€“Spatial Self-Attention Networks for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-15.	2.7	40
5	Gradient Feature-Oriented 3-D Domain Adaptation for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-17.	2.7	14
6	Transferable Convolutional Neural Network for Weed Mapping With Multisensor Imagery. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-16.	2.7	10
7	3-D Gabor Convolutional Neural Network for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-16.	2.7	22
8	A Deformable Attention Network for High-Resolution Remote Sensing Images Semantic Segmentation. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	2.7	11
9	SP-RAN: Self-Paced Residual Aggregated Network for Solar Panel Mapping in Weakly Labeled Aerial Images. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-15.	2.7	5
10	A Semisupervised Siamese Network for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-17.	2.7	32
11	Enhanced Total Variation Regularized Representation Model With Endmember Background Dictionary for Hyperspectral Anomaly Detection. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-12.	2.7	9
12	Uncertainty-Aware Forward Correction for Weakly Supervised Solar Panel Mapping From High-Resolution Aerial Images. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	1.4	2
13	Hierarchical fusion of optical and dual-polarized SAR on impervious surface mapping at city scale. ISPRS Journal of Photogrammetry and Remote Sensing, 2022, 184, 264-278.	4.9	21
14	Attention mechanism-based generative adversarial networks for cloud removal in Landsat images. Remote Sensing of Environment, 2022, 271, 112902.	4.6	29
15	A Multiscale Superpixel-Level Group Clustering Framework for Hyperspectral Band Selection. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-18.	2.7	12
16	Superpixel-Guided Variable Gabor Phase Coding Fusion for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-16.	2.7	3
17	Remote Sensing Image Scene Classification Using Multiscale Feature Fusion Covariance Network With Octave Convolution. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	2.7	20
18	Class-guided coupled dictionary learning for multispectral-hyperspectral remote sensing image collaborative classification. Science China Technological Sciences, 2022, 65, 744-758.	2.0	11

#	Article	IF	Citations
19	Superpixel Nonlocal Weighting Joint Sparse Representation for Hyperspectral Image Classification. Remote Sensing, 2022, 14, 2125.	1.8	3
20	Hyperspectral Unmixing Based on Nonnegative Matrix Factorization: A Comprehensive Review. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 4414-4436.	2.3	31
21	Multiattention Generative Adversarial Network for Remote Sensing Image Super-Resolution. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-15.	2.7	27
22	Multi-Prior Twin Least-Square Network for Anomaly Detection of Hyperspectral Imagery. Remote Sensing, 2022, 14, 2859.	1.8	0
23	A Novel Band Selection and Spatial Noise Reduction Method for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	2.7	26
24	A Temporal-Reliable Method for Change Detection in High-Resolution Bi-Temporal Remote Sensing Images. Remote Sensing, 2022, 14, 3100.	1.8	4
25	Joint Spatialâ€“Spectral Attention Network for Hyperspectral Image Classification. IEEE Geoscience and Remote Sensing Letters, 2021, 18, 1816-1820.	1.4	20
26	Multibranch Spatial-Channel Attention for Semantic Labeling of Very High-Resolution Remote Sensing Images. IEEE Geoscience and Remote Sensing Letters, 2021, 18, 2167-2171.	1.4	4
27	Adaptive Edge Preserving Maps in Markov Random Fields for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 8568-8583.	2.7	6
28	Remote Sensing Image Super-Resolution Using Novel Dense-Sampling Networks. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 1618-1633.	2.7	76
29	Multiple Feature-Based Superpixel-Level Decision Fusion for Hyperspectral and LiDAR Data Classification. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 1437-1452.	2.7	45
30	Remote Sensing Image Super-Resolution Using Second-Order Multi-Scale Networks. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 3473-3485.	2.7	37
31	Semi-supervised DNN regression on airborne hyperspectral imagery for improved spatial soil properties prediction. Geoderma, 2021, 385, 114875.	2.3	41
32	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.	2.3	10
33	TDSSC: A Three-Directions Spectralâ€“Spatial Convolution Neural Network for Hyperspectral Image Change Detection. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 377-388.	2.3	39
34	A Lightweight Convolutional Neural Network for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 4150-4163.	2.7	42
35	Moving Vehicle Detection for Remote Sensing Video Surveillance with Nonstationary Satellite Platform. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, PP, 1-1.	9.7	18
36	SC-PNN: Saliency Cascade Convolutional Neural Network for Pansharpening. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 9697-9715.	2.7	14

#	Article	IF	Citations
37	Multimodal hyperspectral remote sensing: an overview and perspective. Science China Information Sciences, 2021, 64, 1.	2.7	47
38	Path Planning for Unmanned Aerial Vehicle Using a Mix-Strategy-Based Gravitational Search Algorithm. IEEE Access, 2021, 9, 57033-57045.	2.6	25
39	Water Benefit-Based Ecological Index for Urban Ecological Environment Quality Assessments. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 7557-7569.	2.3	9
40	Dual feature extraction network for hyperspectral image analysis. Pattern Recognition, 2021, 118, 107992.	5.1	37
41	Cross-frame keypoint-based and spatial motion information-guided networks for moving vehicle detection and tracking in satellite videos. ISPRS Journal of Photogrammetry and Remote Sensing, 2021, 177, 116-130.	4.9	25
42	Deep learning based regression for optically inactive inland water quality parameter estimation using airborne hyperspectral imagery. Environmental Pollution, 2021, 286, 117534.	3.7	65
43	Self-spectral learning with GAN based spectralâ€“spatial target detection for hyperspectral image. Neural Networks, 2021, 142, 375-387.	3.3	23
44	Spectral mapping with adversarial learning for unsupervised hyperspectral change detection. Neurocomputing, 2021, 465, 71-83.	3.5	15
45	A Novel Hyperspectral Unmixing Method based on Least Squares Twin Support Vector Machines. European Journal of Remote Sensing, 2021, 54, 72-85.	1.7	5
46	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.	2.7	12
47	Synergetic Use of Descending and Ascending SAR with Optical Data for Impervious Surface Mapping. , 2021, , .		1
48	Learning Via Watching: A Weakly Supervised Moving Object Detector for Satellite Videos. , 2021, , .		4
49	Weakly Supervised Solar Panel Mapping Using Residual Aggregated Network for Aerial Images. , 2021, , .		4
50	Hyperspectral Image Based Vegetation Index (HSVI): A New Vegetation Index for Urban Ecological Research. , 2021, , .		2
51	Special Section Guest Editorial: Satellite Hyperspectral Remote Sensing: Algorithms and Applications. Journal of Applied Remote Sensing, 2021, 15, .	0.6	0
52	From Local to Global: Class Feature Fused Fully Convolutional Network for Hyperspectral Image Classification. Remote Sensing, 2021, 13, 5043.	1.8	5
53	Unsupervised spectral mapping and feature selection for hyperspectral anomaly detection. Neural Networks, 2020, 132, 144-154.	3.3	14
54	Activities of the IEEE GRSS University of New South Wales Canberra Student Chapter [Chapters]. IEEE Geoscience and Remote Sensing Magazine, 2020, 8, 102-103.	4.9	0

#	Article	IF	Citations
55	New Feature Selection Methods Using Sparse Representation for One-Class Classification of Remote Sensing Images. IEEE Geoscience and Remote Sensing Letters, 2020, , 1-5.	1.4	2
56	A Novel Spectral-Spatial Singular Spectrum Analysis Technique for Near Real-Time In Situ Feature Extraction in Hyperspectral Imaging. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 2214-2225.	2.3	14
57	Online Structured Sparsity-Based Moving-Object Detection From Satellite Videos. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 6420-6433.	2.7	16
58	Superpixel-Level Weighted Label Propagation for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 5077-5091.	2.7	27
59	Error Bounded Foreground and Background Modeling for Moving Object Detection in Satellite Videos. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 2659-2669.	2.7	31
60	A Deep Siamese Network with Hybrid Convolutional Feature Extraction Module for Change Detection Based on Multi-sensor Remote Sensing Images. Remote Sensing, 2020, 12, 205.	1.8	71
61	Hyperspectral Image Super-Resolution via Intrafusion Network. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 7459-7471.	2.7	48
62	Complete and accurate data correction for seamless mosaicking of airborne hyperspectral images: A case study at a mining site in Inner Mongolia, China. ISPRS Journal of Photogrammetry and Remote Sensing, 2020, 165, 1-15.	4.9	14
63	Deep Fusion of Localized Spectral Features and Multi-scale Spatial Features for Effective Classification of Hyperspectral Images. International Journal of Applied Earth Observation and Geoinformation, 2020, 91, 102157.	1.4	49
64	Local Correlation Based Data Gravitation Classification for Hyperspectral Image. , 2020, , .		0
65	2D-SSA Based Multiscale Feature Fusion for Feature Extraction and Data Classification in Hyperspectral Imagery. , 2020, , .		1
66	Multiscale Convolution Network with Region-Based Max Voting for Hyprrsprctral Imagrs Classificatton. , 2020, , .		2
67	Superpixel Based Spatial and Temporal Adaptive Reflectance Fusion Model. , 2020, , .		0
68	Winter Wheat Phenology Extraction Based on Dense Time Series of Senyinel-1A Data. , 2020, , .		1
69	Twin support vector machine-based hyperspectral unmixing and its uncertainty analysis. Journal of Applied Remote Sensing, 2020, 14, .	0.6	0
70	Pseudo Supervised Solar Panel Mapping based on Deep Convolutional Networks with Label Correction Strategy in Aerial Images. , 2020, , .		7
71	Clustering of Remote Sensing Imagery Using a Social Recognition-Based Multi-objective Gravitational Search Algorithm. Cognitive Computation, 2019, 11, 789-798.	3.6	14
72	Classification of Post-earthquake High Resolution Image Using Adaptive Dynamic Region Merging and Gravitational Self-Organizing Maps. Springer Natural Hazards, 2019, , 33-56.	0.1	2

#	Article	IF	Citations
73	3-D Gaussianâ€“Gabor Feature Extraction and Selection for Hyperspectral Imagery Classification. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 8813-8826.	2.7	26
74	Nomination-favoured opinion pool for optical-SAR-synergistic rice mapping in face of weakened flooding signals. ISPRS Journal of Photogrammetry and Remote Sensing, 2019, 155, 187-205.	4.9	26
75	Multi-Resolution Weed Classification via Convolutional Neural Network and Superpixel Based Local Binary Pattern Using Remote Sensing Images. Remote Sensing, 2019, 11, 1692.	1.8	38
76	Spectralâ€“Spatial Hyperspectral Image Classification Using a Multiscale Conservative Smoothing Scheme and Adaptive Sparse Representation. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 7718-7730.	2.7	26
77	Spectral constraint adversarial autoencoders approach to feature representation in hyperspectral anomaly detection. Neural Networks, 2019, 119, 222-234.	3.3	72
78	Cognitive Modelling and Learning for Multimedia Mining and Understanding. Cognitive Computation, 2019, 11, 761-762.	3.6	9
79	IGARSS in Yokohama, Japan: Impressions From the First Days [Conference Reports]. IEEE Geoscience and Remote Sensing Magazine, 2019, 7, 8-19.	4.9	0
80	Collaborative Representation-Based Multiscale Superpixel Fusion for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 7770-7784.	2.7	71
81	A Nighttime Lights Adjusted Impervious Surface Index (NAISI) with Integration of Landsat Imagery and Nighttime Lights Data from International Space Station. International Journal of Applied Earth Observation and Geoinformation, 2019, 83, 101889.	1.4	8
82	Fusion of Multiscale Convolutional Neural Networks for Building Extraction in Very High-Resolution Images. Remote Sensing, 2019, 11, 227.	1.8	61
83	Deep Convolutional Capsule Network for Hyperspectral Image Spectral and Spectral-Spatial Classification. Remote Sensing, 2019, 11, 223.	1.8	77
84	Combinational shadow index for building shadow extraction in urban areas from Sentinel-2A MSI imagery. International Journal of Applied Earth Observation and Geoinformation, 2019, 78, 53-65.	1.4	27
85	Deep Learning Ensemble for Hyperspectral Image Classification. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2019, 12, 1882-1897.	2.3	108
86	Coastal Wetland Mapping with Sentinel-2 MSI Imagery Based on Gravitational Optimized Multilayer Perceptron and Morphological Attribute Profiles. Remote Sensing, 2019, 11, 952.	1.8	18
87	On the relationship between the circumference of rubber trees and L-band waves. International Journal of Remote Sensing, 2019, 40, 6395-6417.	1.3	8
88	Mapping of Coastal Cities Using Optimized Spectralâ€“Spatial Features Based Multi-Scale Superpixel Classification. Remote Sensing, 2019, 11, 998.	1.8	3
89	A Novel Adversarial Based Hyperspectral and Multispectral Image Fusion. Remote Sensing, 2019, 11, 492.	1.8	7
90	A Novel Unsupervised Sample Collection Method for Urban Land-Cover Mapping Using Landsat Imagery. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 3933-3951.	2.7	15

#	Article	IF	Citations
91	Hyperspectral Image Super-Resolution Using Deep Feature Matrix Factorization. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 6055-6067.	2.7	63
92	Incorporating Negative Sample Training for Ship Detection Based on Deep Learning. Sensors, 2019, 19, 684.	2.1	20
93	Thin cloud removal from optical remote sensing images using the noise-adjusted principal components transform. ISPRS Journal of Photogrammetry and Remote Sensing, 2019, 149, 215-225.	4.9	56
94	Structure Tensor and Guided Filtering-Based Algorithm for Hyperspectral Anomaly Detection. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 4218-4230.	2.7	85
95	Awards Presented at the IGARSS 2019 Banquet [Conference Reports]. IEEE Geoscience and Remote Sensing Magazine, 2019, 7, 49-56.	4.9	0
96	Improved Low Rank plus Structured Sparsity and Unstructured Sparsity Decomposition for Moving Object Detection in Satellite Videos. , 2019, , .		4
97	Knowledge Transfer via Convolution Neural Networks for Multi-Resolution Lawn Weed Classification. , 2019, , .		5
98	Urban-Rural Fringe Recognition with the Integration of Optical and Nighttime Lights Data. , 2019, , .		2
99	A Drone-Based Sensing System to Support Satellite Image Analysis for Rice Farm Mapping. , 2019, , .		8
100	Texture and Shape Features for Grass Weed Classification Using Hyperspectral Remote Sensing Images. , 2019, , .		9
101	Fine-Grained Classification of Hyperspectral Imagery Based on Deep Learning. Remote Sensing, 2019, 11, 2690.	1.8	10
102	Local Region Proposing for Frame-Based Vehicle Detection in Satellite Videos. Remote Sensing, 2019, 11, 2372.	1.8	14
103	Hyperspectral band selection using crossoverâ€based gravitational search algorithm. IET Image Processing, 2019, 13, 280-286.	1.4	15
104	Conditional Random Field and Deep Feature Learning for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 1612-1628.	2.7	49
105	Spectralâ€“Spatial Gabor Surface Feature Fusion Approach for Hyperspectral Imagery Classification. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 1142-1154.	2.7	49
106	Synergistic Use of Optical and Dual-Polarized SAR Data With Multiple Kernel Learning for Urban Impervious Surface Mapping. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2019, 12, 223-236.	2.3	16
107	High-quality spectral-spatial reconstruction using saliency detection and deep feature enhancement. Pattern Recognition, 2019, 88, 139-152.	5.1	36
108	Examining the effectiveness of weighted spectral mixture analysis (WSMA) in urban environments. International Journal of Remote Sensing, 2019, 40, 3055-3075.	1.3	2

#	Article	IF	Citations
109	Analysis of Spectral Bands and Spatial Resolutions for Weed Classification Via Deep Convolutional Neural Network. IEEE Geoscience and Remote Sensing Letters, 2019, 16, 183-187.	1.4	49
110	Combined multiscale segmentation convolutional neural network for rapid damage mapping from postearthquake very high-resolution images. Journal of Applied Remote Sensing, 2019, 13, 1.	0.6	14
111	Effective Sequential Classifier Training for SVM-Based Multitemporal Remote Sensing Image Classification. IEEE Transactions on Image Processing, 2018, 27, 3036-3048.	6.0	71
112	A Sparse Representation Method for <italic>a Priori</italic> Target Signature Optimization in Hyperspectral Target Detection. IEEE Access, 2018, 6, 3408-3424.	2.6	23
113	Foreword to the Special Issue on Quality Improvements of Remote Sensing Data. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2018, 11, 687-690.	2.3	0
114	An improved estimation model for soil heavy metal(loid) concentration retrieval in mining areas using reflectance spectroscopy. Journal of Soils and Sediments, 2018, 18, 2008-2022.	1.5	31
115	Super-Resolution for GaoFen-4 Remote Sensing Images. IEEE Geoscience and Remote Sensing Letters, 2018, 15, 28-32.	1.4	32
116	Multiple 3-D Feature Fusion Framework for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 1873-1886.	2.7	40
117	Hyperspectral Image Classification Using Joint Sparse Model and Discontinuity Preserving Relaxation. IEEE Geoscience and Remote Sensing Letters, 2018, 15, 78-82.	1.4	24
118	Local Binary Pattern-Based Hyperspectral Image Classification With Superpixel Guidance. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 749-759.	2.7	67
119	Corrections to â€œSegment-Oriented Depiction and Analysis for Hyperspectral Image Dataâ€•[Jul 17 3982-3996]. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 1213-1213.	2.7	0
120	A Dynamic Neighborhood Learning-Based Gravitational Search Algorithm. IEEE Transactions on Cybernetics, 2018, 48, 436-447.	6.2	75
121	A stability constrained adaptive alpha for gravitational search algorithm. Knowledge-Based Systems, 2018, 139, 200-213.	4.0	63
122	Joint weighted nuclear norm and total variation regularization for hyperspectral image denoising. International Journal of Remote Sensing, 2018, 39, 334-355.	1.3	34
123	IGARSS in Valencia, Spain: Impressions from the First Days [Conference Reports]. IEEE Geoscience and Remote Sensing Magazine, 2018, 6, 63-73.	4.9	1
124	Satellite Multi-Vehicle Tracking under Inconsistent Detection Conditions by Bilevel K-Shortest Paths Optimization. , 2018, , .		6
125	An Adaptation of Cnn for Small Target Detection in the Infrared. , 2018, , .		10
126	Spectral-Spatial Topographic Shadow Detection from Sentinel-2A MSI Imagery Via Convolutional Neural Networks. , 2018, , .		1

#	Article	IF	Citations
127	Improving Impervious Surface Estimation by Integrating Multispectral and Nighttime Light Images. , 2018, , .		1
128	Mapping of Rice Varieties with Sentinel-2 Data via Deep CNN Learning in Spectral and Time Domains. , 2018, , .		5
129	Quantitative Monitoring of Complete Rice Growing Seasons Using Sentinel 2 Time Series Images. , 2018, , .		2
130	Weed Classification in Hyperspectral Remote Sensing Images Via Deep Convolutional Neural Network. , 2018, , .		8
131	An Effective Zoom-In Approach for Detecting DIM and Small Target Proposals in Satellite Imagery. , 2018, , .		1
132	Multitemporal Mid-Infrared Imagery Based Calibration and Super Resolution for Gaofen-4. , 2018, , .		1
133	A target imageâ€“oriented dictionary learningâ€“based method for fully automated latent fingerprint forensic. Computational Intelligence, 2018, 34, 1178-1198.	2.1	1
134	Multiparameter Optimization for Mineral Mapping Using Hyperspectral Imagery. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2018, 11, 1348-1357.	2.3	10
135	Band Dual Density Discrimination Analysis for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 7257-7271.	2.7	11
136	Hyperspectral Image Classification Using Convolutional Neural Networks and Multiple Feature Learning. Remote Sensing, 2018, 10, 299.	1.8	127
137	Improved Joint Sparse Models for Hyperspectral Image Classification Based on a Novel Neighbour Selection Strategy. Remote Sensing, 2018, 10, 905.	1.8	11
138	Hierarchical spatial features learning with deep CNNs for very high-resolution remote sensing image classification. International Journal of Remote Sensing, 2018, 39, 5978-5996.	1.3	9
139	Deep convolutional networks with residual learning for accurate spectral-spatial denoising. Neurocomputing, 2018, 312, 372-381.	3.5	36
140	High-Resolution Image Classification Using the Dynamic Differential Evolutionary Algorithm Optimized Multi-scale Kernel Support Vector Machine Method. Lecture Notes in Computer Science, 2018, , 334-341.	1.0	0
141	3-D Gabor Convolutional Neural Network for Damage Mapping from Post-earthquake High Resolution Images. Lecture Notes in Computer Science, 2018, , 139-148.	1.0	1
142	Gravitational Search Optimized Hyperspectral Image Classification with Multilayer Perceptron. Lecture Notes in Computer Science, 2018, , 130-138.	1.0	0
143	Superpixel-Based Multitask Learning Framework for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 2575-2588.	2.7	45
144	Three-Dimensional Local Binary Patterns for Hyperspectral Imagery Classification. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 2399-2413.	2.7	70

#	Article	IF	Citations
145	From Subpixel to Superpixel: A Novel Fusion Framework for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 4398-4411.	2.7	71
146	Stratified spectral mixture analysis of medium resolution imagery for impervious surface mapping. International Journal of Applied Earth Observation and Geoinformation, 2017, 60, 38-48.	1.4	22
147	Segment-Oriented Depiction and Analysis for Hyperspectral Image Data. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 3982-3996.	2.7	13
148	Superpixel-Based Adaptive Kernel Selection for Angular Effect Normalization of Remote Sensing Images With Kernel Learning. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 4262-4271.	2.7	7
149	Deep Fusion of Remote Sensing Data for Accurate Classification. IEEE Geoscience and Remote Sensing Letters, 2017, 14, 1253-1257.	1.4	148
150	A Novel Semisupervised Active-Learning Algorithm for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 3071-3083.	2.7	98
151	Comparing six pixel-wise classifiers for tropical rural land cover mapping using four forms of fully polarimetric SAR data. International Journal of Remote Sensing, 2017, 38, 3274-3293.	1.3	34
152	Multiple Kernel Learning for Hyperspectral Image Classification: A Review. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 6547-6565.	2.7	194
153	Hyperspectral Image Unmixing Based on Fast Kernel Archetypal Analysis. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2017, 10, 331-346.	2.3	21
154	A Framework of Mixed Sparse Representations for Remote Sensing Images. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 1210-1221.	2.7	23
155	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.	2.3	8
156	Latent fingerprint segmentation based on convolutional neural networks. , 2017, , .		20
157	Motion Flow Clustering for Moving Vehicle Detection from Satellite High Definition Video. , 2017, , .		6
158	Hyperspectral Images Classification With Gabor Filtering and Convolutional Neural Network. IEEE Geoscience and Remote Sensing Letters, 2017, 14, 2355-2359.	1.4	199
159	A domain-transfer support vector machine for multi-temporal remote sensing imagery classification. , 2017, , .		9
160	An Improved Combination of Spectral and Spatial Features for Vegetation Classification in Hyperspectral Images. Remote Sensing, 2017, 9, 261.	1.8	23
161	Optimized Kernel Minimum Noise Fraction Transformation for Hyperspectral Image Classification. Remote Sensing, 2017, 9, 548.	1.8	52
162	Gravitation-Based Edge Detection in Hyperspectral Images. Remote Sensing, 2017, 9, 592.	1.8	23

#	Article	IF	Citations
163	Efficient object proposals extraction for target detection in VHR remote sensing images. , 2017, , .		7
164	Dynamic Post-Earthquake Image Segmentation with an Adaptive Spectral-Spatial Descriptor. Remote Sensing, 2017, 9, 899.	1.8	9
165	Classification of Hyperspectral Imagery Based on Dictionary Learning and Extended Multi-attribute Profiles. Lecture Notes in Computer Science, 2017, , 358-369.	1.0	0
166	Multi-kernel retrieval of land surface bidirectional reflectance distribution functions based on l1-norm optimization. , 2016, , .		1
167	Superpixel-level sparse representation-based classification for hyperspectral imagery. , 2016, , .		5
168	DMMOGSA: Diversity-enhanced and memory-based multi-objective gravitational search algorithm. Information Sciences, 2016, 363, 52-71.	4.0	21
169	Hybrid Norm Pursuit Method for Hyperspectral Image Reconstruction. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2016, 9, 4492-4500.	2.3	5
170	A comparison of information value and logistic regression models in landslide susceptibility mapping by using GIS. Environmental Earth Sciences, 2016, 75, 1.	1.3	81
171	Multi-scale superpixel spectralâ€“spatial classification of hyperspectral images. International Journal of Remote Sensing, 2016, 37, 4905-4922.	1.3	35
172	Reduction of Spectral Unmixing Uncertainty Using Minimum-Class-Variance Support Vector Machines. IEEE Geoscience and Remote Sensing Letters, 2016, 13, 1335-1339.	1.4	5
173	Deep Feature Extraction and Classification of Hyperspectral Images Based on Convolutional Neural Networks. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 6232-6251.	2.7	2,064
174	Probabilistic Fusion of Pixel-Level and Superpixel-Level Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 7416-7430.	2.7	71
175	Class-Specific Sparse Multiple Kernel Learning for Spectralâ€“Spatial Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 7351-7365.	2.7	60
176	CRF learning with CNN features for hyperspectral image segmentation. , 2016, , .		22
177	Multilayer Unmixing for Hyperspectral Imagery With Fast Kernel Archetypal Analysis. IEEE Geoscience and Remote Sensing Letters, 2016, 13, 1532-1536.	1.4	9
178	Three-dimensional local binary patterns for hyperspectral imagery classification. , 2016, , .		3
179	Fusion multiscale superpixel features for classification of hyperspectral images. , 2016, , .		1
180	Spectral unmixing for fire smoke detection and removal. , 2016, , .		1

#	Article	IF	Citations
181	Locally informed gravitational search algorithm. Knowledge-Based Systems, 2016, 104, 134-144.	4.0	23
182	Combinational Build-Up Index (CBI) for Effective Impervious Surface Mapping in Urban Areas. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2016, 9, 2081-2092.	2.3	76
183	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.	2.3	73
184	Thin Cloud Removal Based on Signal Transmission Principles and Spectral Mixture Analysis. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 1659-1669.	2.7	53
185	Gabor Cube Selection Based Multitask Joint Sparse Representation for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 3174-3187.	2.7	70
186	Cloud Removal Based on Sparse Representation via Multitemporal Dictionary Learning. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 2998-3006.	2.7	88
187	Nonlinear Multiple Kernel Learning With Multiple-Structure-Element Extended Morphological Profiles for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 3235-3247.	2.7	203
188	One-Class Oriented Feature Selection and Classification of Heterogeneous Remote Sensing Images. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2016, 9, 1606-1612.	2.3	36
189	Remote sensing imagery classification using multi-objective gravitational search algorithm. Proceedings of SPIE, 2016, , .	0.8	0
190	Hyperspectral images mapping with group sparse representations. , 2015, , .		0
191	A HYBRID GENETIC ALGORITHM AND GRAVITATIONAL SEARCH ALGORITHM FOR GLOBAL OPTIMIZATION. Neural Network World, 2015, 25, 53-73.	0.5	20
192	Multiple endmembers based unmixing using Archetypal Analysis. , 2015, , .		7
193	A Multistaged Automatic Restoration of Noisy Microscopy Cell Images. IEEE Journal of Biomedical and Health Informatics, 2015, 19, 367-376.	3.9	6
194	Cloud effects removal via sparse representation. , 2015, , .		3
195	Spectralâ€“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.	2.3	974
196	Assessment of Multiple Scattering in the Reflectance of Semiarid Shrublands. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 4910-4921.	2.7	14
197	Crater Detection Based on Gist Features. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2015, 8, 23-29.	2.3	28
198	Superpixel-Based Graphical Model for Remote Sensing Image Mapping. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 5861-5871.	2.7	83

#	Article	IF	Citations
199	A Novel MKL Model of Integrating LiDAR Data and MSI for Urban Area Classification. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 5312-5326.	2.7	90
200	Normalized difference phytoplankton index (NDPI) and spatio-temporal cloud filtering for multitemporal cyanobacteria pollution analysis on Erie Lake in 2014. , 2015, , .		0
201	On Spectral Unmixing Resolution Using Extended Support Vector Machines. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 4985-4996.	2.7	25
202	Sparse Analysis Based on Generalized Gaussian Model for Spectrum Recovery With Compressed Sensing Theory. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2015, 8, 2752-2759.	2.3	17
203	Spectral Unmixing with Estimated Adaptive Endmember Index Using Extended Support Vector Machine. , 2015, , 37-71.		1
204	Reconstruction of satellite images by multi-temporal gradient based sequential prediction. , 2014, , .		3
205	Automatic cloud removal for Landsat 8 OLI images using cirrus band. , 2014, , .		9
206	Subspace Detection Using a Mutual Information Measure for Hyperspectral Image Classification. IEEE Geoscience and Remote Sensing Letters, 2014, 11, 424-428.	1.4	63
207	A comparative analysis of mutual information based feature selection for hyperspectral image classification. , 2014, , .		3
208	Fuzzy Assessment of Spectral Unmixing Algorithms. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2014, 7, 1947-1955.	2.3	9
209	Foreword to the Special Issue on Machine Learning for Remote Sensing Data Processing. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2014, 7, 1007-1011.	2.3	10
210	Nonlinear Elastic Model for Flexible Prediction of Remotely Sensed Multitemporal Images. IEEE Geoscience and Remote Sensing Letters, 2014, 11, 1005-1009.	1.4	15
211	Spatially Constrained Multiple Endmember Spectral Mixture Analysis for Quantifying Subpixel Urban Impervious Surfaces. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2014, 7, 1976-1984.	2.3	20
212	Spectral Unmixing in Multiple-Kernel Hilbert Space for Hyperspectral Imagery. IEEE Transactions on Geoscience and Remote Sensing, 2013, 51, 3968-3981.	2.7	24
213	Simultaneous image color correction and enhancement using particle swarm optimization. Engineering Applications of Artificial Intelligence, 2013, 26, 2356-2371.	4.3	51
214	Wavelet Packet Analysis and Gray Model for Feature Extraction of Hyperspectral Data. IEEE Geoscience and Remote Sensing Letters, 2013, 10, 682-686.	1.4	29
215	Hyperspectral Imagery Clustering With Neighborhood Constraints. IEEE Geoscience and Remote Sensing Letters, 2013, 10, 588-592.	1.4	22
216	Feature Mining for Hyperspectral Image Classification. Proceedings of the IEEE, 2013, 101, 676-697.	16.4	321

#	Article	IF	Citations
217	A New Target Detector for Hyperspectral Data Using Cointegration Theory. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2013, 6, 638-643.	2.3	14
218	Genetic Algorithm for distorted point set matching. , 2013, , .		3
219	Superpixel-based Markov random field for classification of hyperspectral images. , 2013, , .		16
220	Incorporating spatial properties in subspace detection. , 2013, , .		2
221	Subspace detection based on the combination of nonlinear feature extraction and feature selection. , 2013, , .		4
222	A hybrid segmentation technique for objected-based hyperspectral data classification over complex sub-urban landscape. , 2013, , .		0
223	Fuzzy Knowledge-Based Subspace Clustering for Life Science Data Analysis. Studies in Computational Intelligence, 2013, , 177-213.	0.7	0
224	Spectral unmixing based on improved extended support vector machines. , 2012, , .		4
225	Cointegration theory for adaptive target detection in hyperspectral images. , 2012, , .		1
226	Super pixel based remote sensing image classification with histogram descriptors on spectral and spatial data. , 2012, , .		18
227	New Improvements in Parallel Implementation of N-FINDR Algorithm. IEEE Transactions on Geoscience and Remote Sensing, 2012, 50, 3648-3659.	2.7	10
228	Using Hurst and Lyapunov Exponent For Hyperspectral Image Feature Extraction. IEEE Geoscience and Remote Sensing Letters, 2012, 9, 705-709.	1.4	35
229	Globally maximizing, locally minimizing: Regularized Nonnegative Matrix Factorization for hyperspectral data feature extraction. , 2012, , .		4
230	Weighted features for cluster space classificaton of hyperspectral images. , 2012, , .		0
231	Characterising surface mineralogy of an open pit mining area using hyperion imagery. , 2012, , .		2
232	Integrating remotely sensed data, GIS and expert knowledge to update object-based land use/land cover information. International Journal of Remote Sensing, 2012, 33, 905-921.	1.3	16
233	Simplified Conditional Random Fields With Class Boundary Constraint for Spectral-Spatial Based Remote Sensing Image Classification. IEEE Geoscience and Remote Sensing Letters, 2012, 9, 856-860.	1.4	51
234	Collinearity and orthogonality of endmembers in linear spectral unmixing. International Journal of Applied Earth Observation and Geoinformation, 2012, 18, 491-503.	1.4	86

#	Article	IF	Citations
235	Modified SIFT for multi-modal remote sensing image registration. , 2012, , .		15
236	Robust Automatic Registration of Multimodal Satellite Images Using CCRE With Partial Volume Interpolation. IEEE Transactions on Geoscience and Remote Sensing, 2012, 50, 4050-4061.	2.7	42
237	Improved feature selection based on a mutual information measure for hyperspectral image classification. , 2012, , .		14
238	Feature interaction in subspace clustering using the Choquet integral. Pattern Recognition, 2012, 45, 2645-2660.	5.1	13
239	Using imaging spectroscopy to estimate integrated measures of foliage nutritional quality. Methods in Ecology and Evolution, 2012, 3, 416-426.	2.2	25
240	Spectral-spatial based super pixel remote sensing image classification. , 2011, , .		8
241	Gray world based color correction and intensity preservation for image enhancement. , 2011, , .		15
242	Unsupervised feature extraction based on a mutual information measure for hyperspectral image classification. , 2011, , .		24
243	Feature selection using Kernel based Local Fisher Discriminant Analysis for hyperspectral image classification. , 2011, , .		8
244	Adaptive Markov Random Field Approach for Classification of Hyperspectral Imagery. IEEE Geoscience and Remote Sensing Letters, 2011, 8, 973-977.	1.4	161
245	A Quantitative Analysis of Virtual Endmembers' Increased Impact on the Collinearity Effect in Spectral Unmixing. IEEE Transactions on Geoscience and Remote Sensing, 2011, 49, 2945-2956.	2.7	78
246	Visual impact enhancement via image histogram smoothing and continuous intensity relocation. Computers and Electrical Engineering, 2011, 37, 681-694.	3.0	29
247	Mapping two Eucalyptus subgenera using multiple endmember spectral mixture analysis and continuum-removed imaging spectrometry data. Remote Sensing of Environment, 2011, 115, 1115-1128.	4.6	66
248	A Cellular Automata approach for superpixel segmentation. , 2011, , .		6
249	Foreword to the Special Issue on Spectral Unmixing of Remotely Sensed Data. IEEE Transactions on Geoscience and Remote Sensing, 2011, 49, 4103-4110.	2.7	133
250	Landscape structure based super-resolution mapping from remotely sensed imagery. , 2011, , .		2
251	Ants Based Control of Swarm Robots for Bushfire Fighting. , 2010, , .		3
252	Multistage Spatial Property Based Segmentation for Quantification of Fluorescence Distribution in Cells. AIP Conference Proceedings, 2010, , .	0.3	1

#	Article	IF	Citations
253	Sampling approaches for one-pass land-use/land-cover change mapping. International Journal of Remote Sensing, 2010, 31, 1543-1554.	1.3	13
254	Regisration of hyperspectral and trichromatic images via cross cumulative residual entropy maximisation. , 2010, , .		3
255	Correlation-based cluster-space transform for major adverse cardiac event prediction. , 2010, , .		0
256	Impact of collinearity on linear and nonlinear spectral mixture analysis. , 2010, , .		5
257	Super Resolution for Remote Sensing Images Based on a Universal Hidden Markov Tree Model. IEEE Transactions on Geoscience and Remote Sensing, 2010, 48, 1270-1278.	2.7	70
258	Image contrast enhancement based on histogram smoothing and continuous intensity relocation. , 2010, , .		1
259	Sequential multispectral images compression for efficient lossless data transmission. , 2010, , .		3
260	Multi-spectral remote sensing image registration via spatial relationship analysis on sift keypoints. , 2010, , .		44
261	Controlled spectral unmixing using extended Support Vector Machines. , 2010, , .		12
262	A Cellular Automata Based Crowd Behavior Model. Lecture Notes in Computer Science, 2010, , 218-225.	1.0	2
263	Mixed Pixel Analysis for Flood Mapping Using Extended Support Vector Machine. , 2009, , .		6
264	Integration of Soft and Hard Classifications Using Extended Support Vector Machines. IEEE Geoscience and Remote Sensing Letters, 2009, 6, 543-547.	1.4	82
265	Superresolution Reconstruction of Multispectral Data for Improved Image Classification. IEEE Geoscience and Remote Sensing Letters, 2009, 6, 689-693.	1.4	18
266	A Super Resolution Algorithm for Atmospherically Degraded Images Using Lucky Regions and MAP-uHMT. , 2009, , .		1
267	Multi-modal Registration of SAR and Optical Satellite Images. , 2009, , .		12
268	Generalization of Subpixel Analysis for Hyperspectral Data With Flexibility in Spectral Similarity Measures. IEEE Transactions on Geoscience and Remote Sensing, 2009, 47, 2165-2171.	2.7	53
269	Combined Time Domain and Spectral Domain Data Compression for Fast Multispectral Imagery Updating. , 2009, , .		3
270	Adaptive data compression for efficient sequential transmission and change updating of remote sensing images. , 2009, , .		8

#	Article	IF	Citations
271	Automatic registration of SAR and optical imagery using cross-cumulative residual entropy. Proceedings of SPIE, 2009, , .	0.8	0
272	Using Suitable Neighbors to Augment the Training Set in Hyperspectral Maximum Likelihood Classification. IEEE Geoscience and Remote Sensing Letters, 2008, 5, 774-777.	1.4	41
273	Managing the Spectral-Spatial Mix in Context Classification Using Markov Random Fields. IEEE Geoscience and Remote Sensing Letters, 2008, 5, 311-314.	1.4	56
274	Universal HMT based super resolution for remote sensing images. , 2008, , .		41
275	Sequential Transmission of Remote Sensing Data Using a Linear Model to Update Change. , 2008, , .		6
276	Decision Fusion for Reliable Flood Mapping Using Remote Sensing Images. , 2008, , .		3
277	Evaluation of MODIS Land Cover Product of East China. , 2008, , .		3
278	Automatic target recognition from surveillance images using phase mutual information. Proceedings of SPIE, 2008, , .	0.8	0
279	Registration of multi-sensor remote sensing imagery by gradient-based optimization of cross-cumulative residual entropy. Proceedings of SPIE, 2008, , .	0.8	13
280	Efficient target detection by object-based thematic mapping using remote sensing imagery. , 2008, , .		1
281	Wavelet domain denoising by using the universal hidden Markov tree model. Proceedings of SPIE, 2008, , .	0.8	0
282	Controlling the spectral-spatial mix in context classification using Markov Random Fields. , 2007, , .		0
283	A sampling strategy for a single step land cover change classification. Proceedings of SPIE, 2007, , .	0.8	0
284	Efficient IBP with super resolution for ALOS imagery. Proceedings of SPIE, 2007, , .	0.8	0
285	Estimating Nitrogen in Eucalypt Foliage by Automatically Extracting Tree Spectra from HyMapâ„¢ Data. Photogrammetric Engineering and Remote Sensing, 2007, 73, 397-401.	0.3	2
286	A Novel Geometry-Based Feature-Selection Technique for Hyperspectral Imagery. IEEE Geoscience and Remote Sensing Letters, 2007, 4, 171-175.	1.4	54
287	Wavelet Domain Deblurring and Denoising for Image Resolution Improvement. , 2007, , .		4
288	A Dempsterâ€“Shafer Relaxation Approach to Context Classification. IEEE Transactions on Geoscience and Remote Sensing, 2007, 45, 1422-1431.	2.7	25

#	Article	IF	Citations
289	A Knowledge Based Classification for Urban Mapping Using High Resolution Remote Sensing Data. , 2007, , .		1
290	Improved Elastic Image Registration Method for SR in Remote Sensing Images. , 2007, , .		5
291	A patchâ€based image classification by integrating hyperspectral data with GIS. International Journal of Remote Sensing, 2006, 27, 3337-3346.	1.3	8
292	Improved IBP for Super-resolving Remote Sensing Images. Annals of GIS, 2006, 12, 106-111.	1.4	5
293	Construction of Fast and Robust N-FINDR Algorithm. , 2006, , 791-796.		0
294	Fast<tex>k</tex>-NN Classification Using the Cluster-Space Approach. IEEE Geoscience and Remote Sensing Letters, 2005, 2, 225-228.	1.4	24
295	Automatic Ground Control Points Refinement For Remote Sensing Imagery Registration. , 2005, , .		2
296	Efficient transmission and classification of hyperspectral image data. IEEE Transactions on Geoscience and Remote Sensing, 2003, 41, 1129-1131.	2.7	14
297	Cluster-space representation for hyperspectral data classification. IEEE Transactions on Geoscience and Remote Sensing, 2002, 40, 593-598.	2.7	61
298	Segmented principal components transformation for efficient hyperspectral remote-sensing image display and classification. IEEE Transactions on Geoscience and Remote Sensing, 1999, 37, 538-542.	2.7	331
299	Remote Sensing Digital Image Analysis. , 1999, , .		1,103
300	Image Classification Methodologies. , 1999, , 259-291.		2
301	Interpretation of Hyperspectral Image Data. , 1999, , 313-337.		6
302	Progressive Two-Class Decision Classifier for Optimization of Class Discriminations. Remote Sensing of Environment, 1998, 63, 289-297.	4.6	13
303	Efficient maximum likelihood classification for imaging spectrometer data sets. IEEE Transactions on Geoscience and Remote Sensing, 1994, 32, 274-281.	2.7	121
304	Binary coding of imaging spectrometer data for fast spectral matching and classification. Remote Sensing of Environment, 1993, 43, 47-53.	4.6	50
305	Small class classification for hyperspectral remote sensing data. , 0, , .		2
306	A new approach to controlling compression-induced distortion of hyperspectral images. , 0, , .		0

#	Article	IF	Citations
307	Block-based maximum likelihood classification for hyperspectral remote sensing data. , 0, , .		5
308	Cluster-space hyperspectral data representation for mixed pixel analysis. , 0, , .		1
309	Use of a hybrid supervised and unsupervised classification model to determine nitrogen concentration of eucalypt tree foliage using HyMap data. , 0, , .		5
310	Use of HYMAP image data to estimate sideroxylonal-A concentration of eucalypt foliage. , 0, , .		1
311	Simplified maximum likelihood classification for hyperspectral data in cluster space. , 0, , .		8
312	Cluster-space classification: a fast K-nearest neighbour classification for remote sensing hyperspectral data. , 0, , .		5
313	Context classification using evidential relaxation. , 0, , .		2
314	Hyperspectral Data Representation. , 0, , 205-225.		4
315	SEQUENTIAL CLASSIFIER TRAINING FOR RICE MAPPING WITH MULTITEMPORAL REMOTE SENSING IMAGERY. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, IV-4/W2, 161-165.	0.0	5
316	LOW-RANK MATRIX DECOMPOSITION WITH SUPERPIXEL-BASED STRUCTURED SPARSE REGULARIZATION FOR MOVING OBJECT DETECTION IN SATELLITE VIDEOS. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, V-2-2020, 941-948.	0.0	1
317	Fast classification of V-Q compressed hyperspectral data. , 0, , .		0