

Bing Zhang

List of Publications by Year in descending order

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66343

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177
all docs

177
docs citations

177
times ranked

4950
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep Encoder-Decoder Networks for Classification of Hyperspectral and LiDAR Data. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	55
2	Using Low-Rank Representation of Abundance Maps and Nonnegative Tensor Factorization for Hyperspectral Nonlinear Unmixing. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-17.	6.3	35
3	CyCU-Net: Cycle-Consistency Unmixing Network by Learning Cascaded Autoencoders. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	6.3	59
4	Ensemble-Based Information Retrieval With Mass Estimation for Hyperspectral Target Detection. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-23.	6.3	23
5	Endmember-Guided Unmixing Network (EGU-Net): A General Deep Learning Framework for Self-Supervised Hyperspectral Unmixing. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 6518-6531.	11.3	98
6	Hyperspectral Image Stripe Detection and Correction Using Gabor Filters and Subspace Representation. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	5
7	Learning Locality-Constrained Sparse Coding for Spectral Enhancement of Multispectral Imagery. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	0
8	SpectralFormer: Rethinking Hyperspectral Image Classification With Transformers. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-15.	6.3	414
9	NonRegSRNet: A Nonrigid Registration Hyperspectral Super-Resolution Network. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-16.	6.3	36
10	Transferable network with Siamese architecture for anomaly detection in hyperspectral images. International Journal of Applied Earth Observation and Geoinformation, 2022, 106, 102669.	2.8	13
11	A Deep Transfer Learning Method for Estimating Fractional Vegetation Cover of Sentinel-2 Multispectral Images. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	3
12	The Color Improvement of Underwater Images Based on Light Source and Detector. Sensors, 2022, 22, 692.	3.8	0
13	Deep-Sea: A Reconfigurable Accelerator for Classic CNN. Wireless Communications and Mobile Computing, 2022, 2022, 1-23.	1.2	4
14	Progress and Challenges in Intelligent Remote Sensing Satellite Systems. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 1814-1822.	4.9	102
15	Siamese Transformer Network for Hyperspectral Image Target Detection. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-19.	6.3	46
16	Multimodal Hyperspectral Unmixing: Insights From Attention Networks. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	6.3	38
17	A Classification-Based, Semianalytical Approach for Estimating Water Clarity From a Hyperspectral Sensor Onboard the ZY1-02D Satellite. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	6.3	7
18	The Accuracy of Winter Wheat Identification at Different Growth Stages Using Remote Sensing. Remote Sensing, 2022, 14, 893.	4.0	8

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19	A Block Shuffle Network with Superpixel Optimization for Landsat Image Semantic Segmentation. <i>Remote Sensing</i> , 2022, 14, 1432.	4.0	1
20	Model-Based Underwater Image Simulation and Learning-Based Underwater Image Enhancement Method. <i>Information (Switzerland)</i> , 2022, 13, 187.	2.9	7
21	FCCDN: Feature constraint network for VHR image change detection. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2022, 187, 101-119.	11.1	69
22	A Random Forest Algorithm for Retrieving Canopy Chlorophyll Content of Wheat and Soybean Trained with PROSAIL Simulations Using Adjusted Average Leaf Angle. <i>Remote Sensing</i> , 2022, 14, 98.	4.0	23
23	Graph-Feature-Enhanced Selective Assignment Network for Hyperspectral and Multispectral Data Classification. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-14.	6.3	39
24	Nonlocal Self-Similarity-Based Hyperspectral Remote Sensing Image Denoising With 3-D Convolutional Neural Network. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-17.	6.3	15
25	AutoNAS: Automatic Neural Architecture Search for Hyperspectral Unmixing. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-14.	6.3	24
26	Cloud Removal with SAR-Optical Data Fusion and Graph-Based Feature Aggregation Network. <i>Remote Sensing</i> , 2022, 14, 3374.	4.0	4
27	Remote Sensing Image Super-Resolution Using Novel Dense-Sampling Networks. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021, 59, 1618-1633.	6.3	76
28	Multiscale Residual Network With Mixed Depthwise Convolution for Hyperspectral Image Classification. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021, 59, 3396-3408.	6.3	77
29	Coupled Convolutional Neural Network With Adaptive Response Function Learning for Unsupervised Hyperspectral Super Resolution. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021, 59, 2487-2502.	6.3	103
30	Spectral Superresolution of Multispectral Imagery With Joint Sparse and Low-Rank Learning. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021, 59, 2269-2280.	6.3	114
31	SLCRF: Subspace Learning With Conditional Random Field for Hyperspectral Image Classification. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021, 59, 4203-4217.	6.3	7
32	Remote Sensing Image Super-Resolution Using Second-Order Multi-Scale Networks. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021, 59, 3473-3485.	6.3	37
33	Target Detection Through Tree-Structured Encoding for Hyperspectral Images. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021, 59, 4233-4249.	6.3	49
34	Union of Class-Dependent Collaborative Representation Based on Maximum Margin Projection for Hyperspectral Imagery Classification. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2021, 14, 553-566.	4.9	10
35	Deep Half-Siamese Networks for Hyperspectral Unmixing. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2021, 18, 1996-2000.	3.1	33
36	Graph Convolutional Networks for Hyperspectral Image Classification. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021, 59, 5966-5978.	6.3	974

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37	More Diverse Means Better: Multimodal Deep Learning Meets Remote-Sensing Imagery Classification. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 4340-4354.	6.3	781
38	Steady increase in water clarity in Jiaozhou Bay in the Yellow Sea from 2000 to 2018: Observations from MODIS. Journal of Oceanology and Limnology, 2021, 39, 800-813.	1.3	9
39	Improving the Retrieval of Forest Canopy Chlorophyll Content From MERIS Dataset by Introducing the Vegetation Clumping Index. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 5515-5528.	4.9	6
40	A dataset of remote-sensed Forel-Ule Index for global inland waters during 2000â€“2018. Scientific Data, 2021, 8, 26.	5.3	29
41	Extended Subspace Projection Upon Sample Augmentation Based on Global Spatial and Local Spectral Similarity for Hyperspectral Imagery Classification. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 8653-8664.	4.9	7
42	Tracking historical chlorophyll- <i>a</i> change in the guanting reservoir, Northern China, based on landsat series inter-sensor normalization. International Journal of Remote Sensing, 2021, 42, 3918-3937.	2.9	6
43	A Unified Multimodal Deep Learning Framework For Remote Sensing Imagery Classification. , 2021, , .		0
44	Revisiting Graph Convolutional Networks with Mini-Batch Sampling for Hyperspectral Image Classification. , 2021, , .		7
45	Estimation of suspended matter concentration in manwan reservoir, lancang river using remotely sensed small satellite constellation for environment and disaster monitoring and forecasting (HJ-1A/1B), charge coupled device (CCD) data. International Journal of Remote Sensing, 2021, 42, 5232-5252.	2.9	1
46	Patterns, Trends and Drivers of Water Transparency in Sri Lanka Using Landsat 8 Observations and Google Earth Engine. Remote Sensing, 2021, 13, 2193.	4.0	7
47	An attention-fused network for semantic segmentation of very-high-resolution remote sensing imagery. ISPRS Journal of Photogrammetry and Remote Sensing, 2021, 177, 238-262.	11.1	81
48	An Improved Aggregated-Mosaic Method for the Sparse Object Detection of Remote Sensing Imagery. Remote Sensing, 2021, 13, 2602.	4.0	13
49	De novo centromere formation on chromosome fragments with an inactive centromere in maize (<i>Zea mays</i> L.) Tj ETQq1 1 0,784314 rgBT /Ov	2.2	4
50	Anomaly Detection for Hyperspectral Images Based on Improved Low-Rank and Sparse Representation and Joint Gaussian Mixture Distribution. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 6339-6352.	4.9	7
51	Multimodal Convolutional Neural Networks with Cross-Channel Reconstruction. , 2021, , .		0
52	EvoNAS: Evolvable Neural Architecture Search for Hyperspectral Unmixing. , 2021, , .		2
53	Detecting High-Rise Buildings from Sentinel-2 Data Based on Deep Learning Method. Remote Sensing, 2021, 13, 4073.	4.0	4
54	Transferable Deep Learning from Time Series of Landsat Data for National Land-Cover Mapping with Noisy Labels: A Case Study of China. Remote Sensing, 2021, 13, 4194.	4.0	5

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55	Mask DeepLab: End-to-end image segmentation for change detection in high-resolution remote sensing images. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2021, 104, 102582.	2.8	21
56	Feature Extraction for Classification of Hyperspectral and LiDAR Data Using Patch-to-Patch CNN. <i>IEEE Transactions on Cybernetics</i> , 2020, 50, 100-111.	9.5	185
57	Subspace-based multitask learning framework for hyperspectral imagery classification. <i>Multimedia Tools and Applications</i> , 2020, 79, 8887-8909.	3.9	0
58	A novel restoration approach for vegetation reflectance spectra at noisy bands using the principal component analysis method. <i>International Journal of Remote Sensing</i> , 2020, 41, 2303-2325.	2.9	3
59	Global Spatial and Local Spectral Similarity-Based Manifold Learning Group Sparse Representation for Hyperspectral Imagery Classification. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2020, 58, 3043-3056.	6.3	52
60	Measurement of Water Leaving Reflectance Using a Digital Camera Based on Multiple Reflectance Reference Cards. <i>Sensors</i> , 2020, 20, 6580.	3.8	8
61	Spatial and Temporal Changes in Surface Water Area of Sri Lanka over a 30-Year Period. <i>Remote Sensing</i> , 2020, 12, 3701.	4.0	11
62	Neighborhood Activity-Driven Representation for Hyperspectral Imagery Classification. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2020, 13, 4506-4517.	4.9	4
63	Detection of Tailings Dams Using High-Resolution Satellite Imagery and a Single Shot Multibox Detector in the Jingâ€™Jinâ€™Ji Region, China. <i>Remote Sensing</i> , 2020, 12, 2626.	4.0	19
64	Rapid Birth or Death of Centromeres on Fragmented Chromosomes in Maize. <i>Plant Cell</i> , 2020, 32, 3113-3123.	6.6	14
65	Hyperspectral Nonlinear Unmixing by Using Plug-and-Play Prior for Abundance Maps. <i>Remote Sensing</i> , 2020, 12, 4117.	4.0	10
66	Combining t-Distributed Stochastic Neighbor Embedding With Convolutional Neural Networks for Hyperspectral Image Classification. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2020, 17, 1368-1372.	3.1	25
67	Lightweight Integrated Solution for a UAV-Borne Hyperspectral Imaging System. <i>Remote Sensing</i> , 2020, 12, 657.	4.0	10
68	Changes of water clarity in large lakes and reservoirs across China observed from long-term MODIS. <i>Remote Sensing of Environment</i> , 2020, 247, 111949.	11.0	100
69	Responses of Lake Ice Phenology to Climate Change at Tibetan Plateau. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2020, 13, 3856-3861.	4.9	14
70	Detecting and Analyzing the Increase of High-Rising Buildings to Monitor the Dynamic of the Xiongâ€™Man New Area. <i>Sustainability</i> , 2020, 12, 4355.	3.2	3
71	Specific patterns of XCO ₂ observed by GOSAT during 2009â€™2016 and assessed with model simulations over China. <i>Science China Earth Sciences</i> , 2020, 63, 384-394.	5.2	10
72	Approximate computing for onboard anomaly detection from hyperspectral images. <i>Journal of Real-Time Image Processing</i> , 2019, 16, 99-114.	3.5	8

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73	Bilinear normal mixing model for spectral unmixing. IET Image Processing, 2019, 13, 344-354.	2.5	11
74	Regional Vicarious Calibration of the SWIR-Based Atmospheric Correction Approach for MODIS-Aqua Measurements of Highly Turbid Inland Water. Remote Sensing, 2019, 11, 1670.	4.0	4
75	Estimation of Chlorophyll-a Concentrations in a Highly Turbid Eutrophic Lake Using a Classification-Based MODIS Land-Band Algorithm. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2019, 12, 3769-3783.	4.9	21
76	Estimating the Aboveground Biomass for Planted Forests Based on Stand Age and Environmental Variables. Remote Sensing, 2019, 11, 2270.	4.0	17
77	Hydroclimate assessment of gridded precipitation products for the Tibetan Plateau. Science of the Total Environment, 2019, 660, 1555-1564.	8.0	54
78	An Entropy and MRF Model-Based CNN for Large-Scale Landsat Image Classification. IEEE Geoscience and Remote Sensing Letters, 2019, 16, 1145-1149.	3.1	11
79	Hyperspectral images classification with convolutional neural network and textural feature using limited training samples. Remote Sensing Letters, 2019, 10, 449-458.	1.4	22
80	Water Body Extraction from Very High Spatial Resolution Remote Sensing Data Based on Fully Convolutional Networks. Remote Sensing, 2019, 11, 1162.	4.0	65
81	Building Extraction from High-Resolution Aerial Imagery Using a Generative Adversarial Network with Spatial and Channel Attention Mechanisms. Remote Sensing, 2019, 11, 917.	4.0	103
82	A CIE Color Purity Algorithm to Detect Black and Odorous Water in Urban Rivers Using High-Resolution Multispectral Remote Sensing Images. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 6577-6590.	6.3	26
83	Incorporating Negative Sample Training for Ship Detection Based on Deep Learning. Sensors, 2019, 19, 684.	3.8	20
84	PSASL: Pixel-Level and Superpixel-Level Aware Subspace Learning for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 4278-4293.	6.3	22
85	Multiscale Spatial-Spectral Convolutional Network with Image-Based Framework for Hyperspectral Imagery Classification. Remote Sensing, 2019, 11, 2220.	4.0	27
86	Large-scale Landsat image classification based on deep learning methods. APSIPA Transactions on Signal and Information Processing, 2019, 8, .	3.3	3
87	Remotely sensed big data: evolution in model development for information extraction [point of view]. Proceedings of the IEEE, 2019, 107, 2294-2301.	21.3	60
88	A Fast and Precise Method for Large-Scale Land-Use Mapping Based on Deep Learning. , 2019, , .		8
89	Self-Supervised Feature Learning With CRF Embedding for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 2628-2642.	6.3	35
90	Separable-spectral convolution and inception network for hyperspectral image super-resolution. International Journal of Machine Learning and Cybernetics, 2019, 10, 2593-2607.	3.6	19

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91	FPGA implementation of a maximum simplex volume algorithm for endmember extraction from remotely sensed hyperspectral images. <i>Journal of Real-Time Image Processing</i> , 2019, 16, 1681-1694.	3.5	8
92	A simple automated dynamic threshold extraction method for the classification of large water bodies from landsat-8 OLI water index images. <i>International Journal of Remote Sensing</i> , 2018, 39, 3429-3451.	2.9	50
93	A real-time unsupervised background extraction-based target detection method for hyperspectral imagery. <i>Journal of Real-Time Image Processing</i> , 2018, 15, 597-615.	3.5	18
94	Multisource Remote Sensing Data Classification Based on Convolutional Neural Network. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2018, 56, 937-949.	6.3	378
95	Union of random subspace-based group sparse representation for hyperspectral imagery classification. <i>Remote Sensing Letters</i> , 2018, 9, 534-540.	1.4	5
96	Integrating Spatial Information in the Normalized P-Linear Algorithm for Nonlinear Hyperspectral Unmixing. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2018, 11, 1179-1190.	4.9	23
97	Constraint Non-Negative Matrix Factorization With Sparseness and Piece wise Smoothness for Hyperspectral Unmixing. , 2018, , .		1
98	Impervious Surface Extraction From Multispectral Images via Morphological Attribute Profiles Based on Spectral Analysis. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2018, 11, 4775-4790.	4.9	7
99	Potential Analysis of Feature Extraction Based Quick Response for Environmental Change with Social Media Photos. , 2018, , .		0
100	NTIRE 2018 Challenge on Spectral Reconstruction from RGB Images. , 2018, , .		58
101	High-Resolution Aerial Imagery Semantic Labeling with Dense Pyramid Network. <i>Sensors</i> , 2018, 18, 3774.	3.8	26
102	Uncertainty and Variation of Remotely Sensed Lake Ice Phenology across the Tibetan Plateau. <i>Remote Sensing</i> , 2018, 10, 1534.	4.0	25
103	FPGA implementation of collaborative representation algorithm for real-time hyperspectral target detection. <i>Journal of Real-Time Image Processing</i> , 2018, 15, 673-685.	3.5	7
104	Trophic state assessment of global inland waters using a MODIS-derived Forel-Ule index. <i>Remote Sensing of Environment</i> , 2018, 217, 444-460.	11.0	195
105	An Improved Spatial and Temporal Reflectance Unmixing Model to Synthesize Time Series of Landsat-Like Images. <i>Remote Sensing</i> , 2018, 10, 1388.	4.0	30
106	Modification of 6SV to remove skylight reflected at the air-water interface: Application to atmospheric correction of Landsat 8 OLI imagery in inland waters. <i>PLoS ONE</i> , 2018, 13, e0202883.	2.5	6
107	Meiotic Studies on Combinations of Chromosomes With Different Sized Centromeres in Maize. <i>Frontiers in Plant Science</i> , 2018, 9, 785.	3.6	8
108	Vicarious Radiometric Calibration of the Hyperspectral Imaging Microsatellites SPARK-01 and -02 over Dunhuang, China. <i>Remote Sensing</i> , 2018, 10, 120.	4.0	11

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109	Semantic Labeling of High Resolution Aerial Imagery and LiDAR Data with Fine Segmentation Network. Remote Sensing, 2018, 10, 743.	4.0	50
110	Group Sparse Representation Based on Nonlocal Spatial and Local Spectral Similarity for Hyperspectral Imagery Classification. Sensors, 2018, 18, 1695.	3.8	15
111	Multiharmonic Postnonlinear Mixing Model for Hyperspectral Nonlinear Unmixing. IEEE Geoscience and Remote Sensing Letters, 2018, 15, 1765-1769.	3.1	18
112	Self-Supervised Low-Rank Representation (SSLRR) for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2018, , 1-15.	6.3	31
113	Multiscale Superpixel-Level Subspace-Based Support Vector Machines for Hyperspectral Image Classification. IEEE Geoscience and Remote Sensing Letters, 2017, 14, 2142-2146.	3.1	68
114	Country-level net primary production distribution and response to drought and land cover change. Science of the Total Environment, 2017, 574, 65-77.	8.0	43
115	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
116	A new kernel method for hyperspectral image feature extraction. Geo-Spatial Information Science, 2017, 20, 309-318.	5.3	34
117	Analysis of change detection algorithms with Landsat-8 data on landslide mapping in the Kaikoura earthquake. , 2017, , .		1
118	Optimized Kernel Minimum Noise Fraction Transformation for Hyperspectral Image Classification. Remote Sensing, 2017, 9, 548.	4.0	52
119	A New Low-Rank Representation Based Hyperspectral Image Denoising Method for Mineral Mapping. Remote Sensing, 2017, 9, 1145.	4.0	44
120	Nonlinear hyperspectral unmixing based on normalized P-linear algorithm. , 2017, , .		1
121	Hyperspectral image denoising and anomaly detection based on low-rank and sparse representations. , 2017, , .		12
122	Spectral Classification of the Yellow Sea and Implications for Coastal Ocean Color Remote Sensing. Remote Sensing, 2016, 8, 321.	4.0	26
123	Spectral-Spatial Hyperspectral Image Classification Using Subspace-Based Support Vector Machines and Adaptive Markov Random Fields. Remote Sensing, 2016, 8, 355.	4.0	69
124	Evaluation of hyperspectral indices for retrieval of canopy equivalent water thickness and gravimetric water content. International Journal of Remote Sensing, 2016, 37, 3384-3399.	2.9	16
125	Approximate Computing of Remotely Sensed Data: SVM Hyperspectral Image Classification as a Case Study. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2016, 9, 5806-5818.	4.9	32
126	MODIS observations of water color of the largest 10 lakes in China between 2000 and 2012. International Journal of Digital Earth, 2016, 9, 788-805.	3.9	38

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127	Locality-preserving sparse representation-based classification in hyperspectral imagery. Journal of Applied Remote Sensing, 2016, 10, 042004.	1.3	13
128	A New Algorithm for Bilinear Spectral Unmixing of Hyperspectral Images Using Particle Swarm Optimization. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2016, 9, 5776-5790.	4.9	21
129	Optical storage behaviour in InAs quantum dots embedded in GaAs quantum well structure. Micro and Nano Letters, 2016, 11, 623-626.	1.3	7
130	Region-Based Estimate of Endmember Variances for Hyperspectral Image Unmixing. IEEE Geoscience and Remote Sensing Letters, 2016, 13, 1807-1811.	3.1	9
131	GPU implementation of ant colony optimization-based band selections for hyperspectral data classification. , 2016, , .		0
132	Top-of-Atmosphere Image Simulation in the 4.3- μm Mid-infrared Absorption Bands. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 452-456.	6.3	6
133	Measurement and Analysis of Bidirectional SIF Emissions in Wheat Canopies. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 2640-2651.	6.3	72
134	A novel anomaly detection method incorporating target information derived from hyperspectral imagery. Remote Sensing Letters, 2016, 7, 11-20.	1.4	6
135	A quantitative and comparative analysis of different preprocessing implementations of DPSO: a robust endmember extraction algorithm. Soft Computing, 2016, 20, 4669-4683.	3.6	7
136	The Influences of Drought and Land-Cover Conversion on Inter-Annual Variation of NPP in the Three-North Shelterbelt Program Zone of China Based on MODIS Data. PLoS ONE, 2016, 11, e0158173.	2.5	41
137	Improvement of linear spectral emissivity constraint method for temperature and emissivity separation of hyperspectral thermal infrared data. , 2015, , .		1
138	Adjusted Spectral Matched Filter for Target Detection in Hyperspectral Imagery. Remote Sensing, 2015, 7, 6611-6634.	4.0	52
139	Object-Based Crop Classification with Landsat-MODIS Enhanced Time-Series Data. Remote Sensing, 2015, 7, 16091-16107.	4.0	94
140	Combined sparse and collaborative representation for hyperspectral target detection. Pattern Recognition, 2015, 48, 3904-3916.	8.1	191
141	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
142	Monitoring cyanobacteria-dominant algal blooms in eutrophicated Taihu Lake in China with synthetic aperture radar images. Chinese Journal of Oceanology and Limnology, 2015, 33, 139-148.	0.7	15
143	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
144	Soft urban water cover extraction using mixed training samples and Support Vector Machines. International Journal of Remote Sensing, 2015, 36, 3331-3344.	2.9	17

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145	Evaluation of Spatio-Temporal Variogram Models for Mapping X_{co}^2 Using Satellite Observations: A Case Study in China. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2015, 8, 376-385.	4.9	29
146	Graphics processing unit-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
147	Algorithms and Schemes for Chlorophyll <i>a</i> Estimation by Remote Sensing and Optical Classification for Turbid Lake Taihu, China. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2015, 8, 350-364.	4.9	41
148	A Method Suitable for Vicarious Calibration of a UAV Hyperspectral Remote Sensor. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2015, 8, 3209-3223.	4.9	18
149	MODIS-Based Radiometric Color Extraction and Classification of Inland Water With the Forel-Ule Scale: A Case Study of Lake Taihu. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2015, 8, 907-918.	4.9	56
150	Subspace-Based Support Vector Machines for Hyperspectral Image Classification. IEEE Geoscience and Remote Sensing Letters, 2015, 12, 349-353.	3.1	93
151	Edge constrained MRF method for classification of hyperspectral imagery. , 2014, , .		1
152	Modeling Accumulated Volume of Landslides Using Remote Sensing and DTM Data. Remote Sensing, 2014, 6, 1514-1537.	4.0	33
153	A novel two-step method for winter wheat-leaf chlorophyll content estimation using a hyperspectral vegetation index. International Journal of Remote Sensing, 2014, 35, 7363-7375.	2.9	22
154	Retrieving total suspended matter in Lake Taihu from HJ-CCD near-infrared band data. Aquatic Ecosystem Health and Management, 2014, 17, 280-289.	0.6	11
155	Long-Term Changes of Lake Level and Water Budget in the Nam Co Lake Basin, Central Tibetan Plateau. Journal of Hydrometeorology, 2014, 15, 1312-1322.	1.9	48
156	Probabilistic anomaly detector for remotely sensed hyperspectral data. Journal of Applied Remote Sensing, 2014, 8, 083538.	1.3	29
157	A comparison of atmospheric CO ₂ concentration GOSAT-based observations and model simulations. Science China Earth Sciences, 2014, 57, 1393-1402.	5.2	32
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