

Bing Zhang

List of Publications by Year in descending order

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176
papers

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66343

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83
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177
all docs

177
docs citations

177
times ranked

4950
citing authors

#	ARTICLE	IF	CITATIONS
1	Graph Convolutional Networks for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 5966-5978.	6.3	974
2	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
3	SpectralFormer: Rethinking Hyperspectral Image Classification With Transformers. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-15.	6.3	414
4	Multisource Remote Sensing Data Classification Based on Convolutional Neural Network. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 937-949.	6.3	378
5	Trophic state assessment of global inland waters using a MODIS-derived Forel-Ule index. Remote Sensing of Environment, 2018, 217, 444-460.	11.0	195
6	Weighted-RXD and Linear Filter-Based RXD: Improving Background Statistics Estimation for Anomaly Detection in Hyperspectral Imagery. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2014, 7, 2351-2366.	4.9	193
7	Combined sparse and collaborative representation for hyperspectral target detection. Pattern Recognition, 2015, 48, 3904-3916.	8.1	191
8	Feature Extraction for Classification of Hyperspectral and LiDAR Data Using Patch-to-Patch CNN. IEEE Transactions on Cybernetics, 2020, 50, 100-111.	9.5	185
9	Adaptive Markov Random Field Approach for Classification of Hyperspectral Imagery. IEEE Geoscience and Remote Sensing Letters, 2011, 8, 973-977.	3.1	161
10	Spectral Superresolution of Multispectral Imagery With Joint Sparse and Low-Rank Learning. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 2269-2280.	6.3	114
11	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
12	Coupled Convolutional Neural Network With Adaptive Response Function Learning for Unsupervised Hyperspectral Super Resolution. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 2487-2502.	6.3	103
13	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
14	Changes of water clarity in large lakes and reservoirs across China observed from long-term MODIS. Remote Sensing of Environment, 2020, 247, 111949.	11.0	100
15	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
16	Object-Based Crop Classification with Landsat-MODIS Enhanced Time-Series Data. Remote Sensing, 2015, 7, 16091-16107.	4.0	94
17	Subspace-Based Support Vector Machines for Hyperspectral Image Classification. IEEE Geoscience and Remote Sensing Letters, 2015, 12, 349-353.	3.1	93
18	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

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19	A Comparative Study on Linear Regression-Based Noise Estimation for Hyperspectral Imagery. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2013, 6, 488-498.	4.9	80
20	Multiscale Residual Network With Mixed Depthwise Convolution for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 3396-3408.	6.3	77
21	Remote Sensing Image Super-Resolution Using Novel Dense-Sampling Networks. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 1618-1633.	6.3	76
22	Measurement and Analysis of Bidirectional SIF Emissions in Wheat Canopies. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 2640-2651.	6.3	72
23	Spectral-Spatial Hyperspectral Image Classification Using Subspace-Based Support Vector Machines and Adaptive Markov Random Fields. Remote Sensing, 2016, 8, 355.	4.0	69
24	FCCDN: Feature constraint network for VHR image change detection. ISPRS Journal of Photogrammetry and Remote Sensing, 2022, 187, 101-119.	11.1	69
25	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
26	Water Body Extraction from Very High Spatial Resolution Remote Sensing Data Based on Fully Convolutional Networks. Remote Sensing, 2019, 11, 1162.	4.0	65
27	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
28	CyCU-Net: Cycle-Consistency Unmixing Network by Learning Cascaded Autoencoders. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	6.3	59
29	NTIRE 2018 Challenge on Spectral Reconstruction from RGB Images. , 2018, , .		58
30	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
31	Deep Encoder-Decoder Networks for Classification of Hyperspectral and LiDAR Data. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	55
32	Hydroclimate assessment of gridded precipitation products for the Tibetan Plateau. Science of the Total Environment, 2019, 660, 1555-1564.	8.0	54
33	Adjusted Spectral Matched Filter for Target Detection in Hyperspectral Imagery. Remote Sensing, 2015, 7, 6611-6634.	4.0	52
34	Optimized Kernel Minimum Noise Fraction Transformation for Hyperspectral Image Classification. Remote Sensing, 2017, 9, 548.	4.0	52
35	Global Spatial and Local Spectral Similarity-Based Manifold Learning Group Sparse Representation for Hyperspectral Imagery Classification. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 3043-3056.	6.3	52
36	A simple automated dynamic threshold extraction method for the classification of large water bodies from landsat-8 OLI water index images. International Journal of Remote Sensing, 2018, 39, 3429-3451.	2.9	50

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37	Semantic Labeling of High Resolution Aerial Imagery and LiDAR Data with Fine Segmentation Network. Remote Sensing, 2018, 10, 743.	4.0	50
38	Target Detection Through Tree-Structured Encoding for Hyperspectral Images. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 4233-4249.	6.3	49
39	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
40	Siamese Transformer Network for Hyperspectral Image Target Detection. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-19.	6.3	46
41	A New Low-Rank Representation Based Hyperspectral Image Denoising Method for Mineral Mapping. Remote Sensing, 2017, 9, 1145.	4.0	44
42	PSO-EM: A Hyperspectral Unmixing Algorithm Based On Normal Compositional Model. IEEE Transactions on Geoscience and Remote Sensing, 2014, 52, 7782-7792.	6.3	43
43	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
44	Formation of a Functional Maize Centromere after Loss of Centromeric Sequences and Gain of Ectopic Sequences. Plant Cell, 2013, 25, 1979-1989.	6.6	41
45	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
46	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
47	A Regional Gap-Filling Method Based on Spatiotemporal Variogram Model of CO_2 Columns. IEEE Transactions on Geoscience and Remote Sensing, 2014, 52, 3594-3603.	6.3	40
48	Graph-Feature-Enhanced Selective Assignment Network for Hyperspectral and Multispectral Data Classification. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	6.3	39
49	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
50	Multimodal Hyperspectral Unmixing: Insights From Attention Networks. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	6.3	38
51	Remote Sensing Image Super-Resolution Using Second-Order Multi-Scale Networks. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 3473-3485.	6.3	37
52	NonRegSRNet: A Nonrigid Registration Hyperspectral Super-Resolution Network. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-16.	6.3	36
53	Incorporating temporal variability to improve geostatistical analysis of satellite-observed CO ₂ in China. Science Bulletin, 2013, 58, 1948-1954.	1.7	35
54	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

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55	Using Low-Rank Representation of Abundance Maps and Nonnegative Tensor Factorization for Hyperspectral Nonlinear Unmixing. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-17.	6.3	35
56	A new kernel method for hyperspectral image feature extraction. <i>Geo-Spatial Information Science</i> , 2017, 20, 309-318.	5.3	34
57	Modeling Accumulated Volume of Landslides Using Remote Sensing and DTM Data. <i>Remote Sensing</i> , 2014, 6, 1514-1537.	4.0	33
58	Deep Half-Siamese Networks for Hyperspectral Unmixing. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2021, 18, 1996-2000.	3.1	33
59	A comparison of atmospheric CO2 concentration GOSAT-based observations and model simulations. <i>Science China Earth Sciences</i> , 2014, 57, 1393-1402.	5.2	32
60	Approximate Computing of Remotely Sensed Data: SVM Hyperspectral Image Classification as a Case Study. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2016, 9, 5806-5818.	4.9	32
61	Self-Supervised Low-Rank Representation (SSLRR) for Hyperspectral Image Classification. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2018, , 1-15.	6.3	31
62	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
63	Probabilistic anomaly detector for remotely sensed hyperspectral data. <i>Journal of Applied Remote Sensing</i> , 2014, 8, 083538.	1.3	29
64	Evaluation of Spatio-Temporal Variogram Models for Mapping X_{co}^{2} Using Satellite Observations: A Case Study in China. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2015, 8, 376-385.	4.9	29
65	A dataset of remote-sensed Forel-Ule Index for global inland waters during 2000–2018. <i>Scientific Data</i> , 2021, 8, 26.	5.3	29
66	Multiple Algorithm Integration Based on Ant Colony Optimization for Endmember Extraction From Hyperspectral Imagery. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2015, 8, 2569-2582.	4.9	27
67	Multiscale Spatial-Spectral Convolutional Network with Image-Based Framework for Hyperspectral Imagery Classification. <i>Remote Sensing</i> , 2019, 11, 2220.	4.0	27
68	Spectral Classification of the Yellow Sea and Implications for Coastal Ocean Color Remote Sensing. <i>Remote Sensing</i> , 2016, 8, 321.	4.0	26
69	High-Resolution Aerial Imagery Semantic Labeling with Dense Pyramid Network. <i>Sensors</i> , 2018, 18, 3774.	3.8	26
70	A CIE Color Purity Algorithm to Detect Black and Odorous Water in Urban Rivers Using High-Resolution Multispectral Remote Sensing Images. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2019, 57, 6577-6590.	6.3	26
71	Uncertainty and Variation of Remotely Sensed Lake Ice Phenology across the Tibetan Plateau. <i>Remote Sensing</i> , 2018, 10, 1534.	4.0	25
72	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

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73	AutoNAS: Automatic Neural Architecture Search for Hyperspectral Unmixing. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	6.3	24
74	A Validation Study of an Improved SWIR Iterative Atmospheric Correction Algorithm for MODIS-Aqua Measurements in Lake Taihu, China. IEEE Transactions on Geoscience and Remote Sensing, 2014, 52, 4686-4695.	6.3	23
75	Assessment of spatio-temporal variations in vegetation recovery after the Wenchuan earthquake using Landsat data. Natural Hazards, 2014, 70, 1309-1326.	3.4	23
76	Integrating Spatial Information in the Normalized P-Linear Algorithm for Nonlinear Hyperspectral Unmixing. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2018, 11, 1179-1190.	4.9	23
77	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
78	A Random Forest Algorithm for Retrieving Canopy Chlorophyll Content of Wheat and Soybean Trained with PROSAIL Simulations Using Adjusted Average Leaf Angle. Remote Sensing, 2022, 14, 98.	4.0	23
79	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
80	Hyperspectral images classification with convolutional neural network and textural feature using limited training samples. Remote Sensing Letters, 2019, 10, 449-458.	1.4	22
81	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
82	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
83	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
84	Mask DeepLab: End-to-end image segmentation for change detection in high-resolution remote sensing images. International Journal of Applied Earth Observation and Geoinformation, 2021, 104, 102582.	2.8	21
85	Incorporating Negative Sample Training for Ship Detection Based on Deep Learning. Sensors, 2019, 19, 684.	3.8	20
86	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
87	Detection of Tailings Dams Using High-Resolution Satellite Imagery and a Single Shot Multibox Detector in the Jingâ€™Jinâ€™Ji Region, China. Remote Sensing, 2020, 12, 2626.	4.0	19
88	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
89	A real-time unsupervised background extraction-based target detection method for hyperspectral imagery. Journal of Real-Time Image Processing, 2018, 15, 597-615.	3.5	18
90	Multiharmonic Postnonlinear Mixing Model for Hyperspectral Nonlinear Unmixing. IEEE Geoscience and Remote Sensing Letters, 2018, 15, 1765-1769.	3.1	18

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91	Soft urban water cover extraction using mixed training samples and Support Vector Machines. <i>International Journal of Remote Sensing</i> , 2015, 36, 3331-3344.	2.9	17
92	Estimating the Aboveground Biomass for Planted Forests Based on Stand Age and Environmental Variables. <i>Remote Sensing</i> , 2019, 11, 2270.	4.0	17
93	Dynamic analysis of the Wenchuan Earthquake disaster and reconstruction with 3-year remote sensing data. <i>International Journal of Digital Earth</i> , 2010, 3, 355-364.	3.9	16
94	Molecular Mechanisms of Homologous Chromosome Pairing and Segregation in Plants. <i>Journal of Genetics and Genomics</i> , 2014, 41, 117-123.	3.9	16
95	SolidEarth: a new Digital Earth system for the modeling and visualization of the whole Earth space. <i>Frontiers of Earth Science</i> , 2014, 8, 524-539.	2.1	16
96	Evaluation of hyperspectral indices for retrieval of canopy equivalent water thickness and gravimetric water content. <i>International Journal of Remote Sensing</i> , 2016, 37, 3384-3399.	2.9	16
97	Monitoring cyanobacteria-dominant algal blooms in eutrophicated Taihu Lake in China with synthetic aperture radar images. <i>Chinese Journal of Oceanology and Limnology</i> , 2015, 33, 139-148.	0.7	15
98	Group Sparse Representation Based on Nonlocal Spatial and Local Spectral Similarity for Hyperspectral Imagery Classification. <i>Sensors</i> , 2018, 18, 1695.	3.8	15
99	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
100	Rapid Birth or Death of Centromeres on Fragmented Chromosomes in Maize. <i>Plant Cell</i> , 2020, 32, 3113-3123.	6.6	14
101	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
102	Locality-preserving sparse representation-based classification in hyperspectral imagery. <i>Journal of Applied Remote Sensing</i> , 2016, 10, 042004.	1.3	13
103	An Improved Aggregated-Mosaic Method for the Sparse Object Detection of Remote Sensing Imagery. <i>Remote Sensing</i> , 2021, 13, 2602.	4.0	13
104	Transferable network with Siamese architecture for anomaly detection in hyperspectral images. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2022, 106, 102669.	2.8	13
105	Hyperspectral image denoising and anomaly detection based on low-rank and sparse representations. , 2017, , .		12
106	Retrieving total suspended matter in Lake Taihu from HJ-CCD near-infrared band data. <i>Aquatic Ecosystem Health and Management</i> , 2014, 17, 280-289.	0.6	11
107	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
108	Bilinear normal mixing model for spectral unmixing. <i>IET Image Processing</i> , 2019, 13, 344-354.	2.5	11

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109	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
110	Spatial and Temporal Changes in Surface Water Area of Sri Lanka over a 30-Year Period. Remote Sensing, 2020, 12, 3701.	4.0	11
111	Hyperspectral Nonlinear Unmixing by Using Plug-and-Play Prior for Abundance Maps. Remote Sensing, 2020, 12, 4117.	4.0	10
112	Lightweight Integrated Solution for a UAV-Borne Hyperspectral Imaging System. Remote Sensing, 2020, 12, 657.	4.0	10
113	Specific patterns of XCO ₂ observed by GOSAT during 2009–2016 and assessed with model simulations over China. Science China Earth Sciences, 2020, 63, 384-394.	5.2	10
114	Union of Class-Dependent Collaborative Representation Based on Maximum Margin Projection for Hyperspectral Imagery Classification. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 553-566.	4.9	10
115	Validation of a synthetic chlorophyll index for remote estimates of chlorophyll- <i>a</i> in a turbid hypereutrophic lake. International Journal of Remote Sensing, 2014, 35, 289-305.	2.9	9
116	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
117	Region-Based Estimate of Endmember Variances for Hyperspectral Image Unmixing. IEEE Geoscience and Remote Sensing Letters, 2016, 13, 1807-1811.	3.1	9
118	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
119	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
120	Meiotic Studies on Combinations of Chromosomes With Different Sized Centromeres in Maize. Frontiers in Plant Science, 2018, 9, 785.	3.6	8
121	Approximate computing for onboard anomaly detection from hyperspectral images. Journal of Real-Time Image Processing, 2019, 16, 99-114.	3.5	8
122	A Fast and Precise Method for Large-Scale Land-Use Mapping Based on Deep Learning. , 2019, , .		8
123	FPGA implementation of a maximum simplex volume algorithm for endmember extraction from remotely sensed hyperspectral images. Journal of Real-Time Image Processing, 2019, 16, 1681-1694.	3.5	8
124	Measurement of Water Leaving Reflectance Using a Digital Camera Based on Multiple Reflectance Reference Cards. Sensors, 2020, 20, 6580.	3.8	8
125	The Accuracy of Winter Wheat Identification at Different Growth Stages Using Remote Sensing. Remote Sensing, 2022, 14, 893.	4.0	8
126	Optical storage behaviour in InAs quantum dots embedded in GaAs quantum well structure. Micro and Nano Letters, 2016, 11, 623-626.	1.3	7

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127	A quantitative and comparative analysis of different preprocessing implementations of DPSO: a robust endmember extraction algorithm. <i>Soft Computing</i> , 2016, 20, 4669-4683.	3.6	7
128	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
129	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
130	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
131	Extended Subspace Projection Upon Sample Augmentation Based on Global Spatial and Local Spectral Similarity for Hyperspectral Imagery Classification. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2021, 14, 8653-8664.	4.9	7
132	Revisiting Graph Convolutional Networks with Mini-Batch Sampling for Hyperspectral Image Classification. , 2021, , .		7
133	Patterns, Trends and Drivers of Water Transparency in Sri Lanka Using Landsat 8 Observations and Google Earth Engine. <i>Remote Sensing</i> , 2021, 13, 2193.	4.0	7
134	Anomaly Detection for Hyperspectral Images Based on Improved Low-Rank and Sparse Representation and Joint Gaussian Mixture Distribution. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2021, 14, 6339-6352.	4.9	7
135	A Classification-Based, Semianalytical Approach for Estimating Water Clarity From a Hyperspectral Sensor Onboard the ZY1-02D Satellite. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-14.	6.3	7
136	Model-Based Underwater Image Simulation and Learning-Based Underwater Image Enhancement Method. <i>Information (Switzerland)</i> , 2022, 13, 187.	2.9	7
137	Top-of-Atmosphere Image Simulation in the 4.3- μm Mid-infrared Absorption Bands. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2016, 54, 452-456.	6.3	6
138	A novel anomaly detection method incorporating target information derived from hyperspectral imagery. <i>Remote Sensing Letters</i> , 2016, 7, 11-20.	1.4	6
139	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
140	Improving the Retrieval of Forest Canopy Chlorophyll Content From MERIS Dataset by Introducing the Vegetation Clumping Index. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2021, 14, 5515-5528.	4.9	6
141	Tracking historical chlorophyll- <i>a</i> change in the guanting reservoir, Northern China, based on landsat series inter-sensor normalization. <i>International Journal of Remote Sensing</i> , 2021, 42, 3918-3937.	2.9	6
142	Ant colony optimization for supervised and unsupervised hyperspectral band selection. , 2013, , .		5
143	Spatial technology and social media in remote sensing: challenges and opportunities [point of view]. <i>Proceedings of the IEEE</i> , 2017, 105, 1583-1585.	21.3	5
144	Union of random subspace-based group sparse representation for hyperspectral imagery classification. <i>Remote Sensing Letters</i> , 2018, 9, 534-540.	1.4	5

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145	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
146	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
147	Influence of Filter Band Function on Retrieval of Aerosol Optical Depth from Sunphotometer Data. Journal of Atmospheric and Oceanic Technology, 2013, 30, 929-941.	1.3	4
148	Measurements and analysis of <i>in situ</i> multi-angle reflectance of turbid inland water: a case study in Meiliang Bay, Taihu Lake, China. International Journal of Remote Sensing, 2014, 35, 5167-5185.	2.9	4
149	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
150	Neighborhood Activity-Driven Representation for Hyperspectral Imagery Classification. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 4506-4517.	4.9	4
151	De novo centromere formation on chromosome fragments with an inactive centromere in maize (<i>Zea mays</i> L.) Tj ETQq1 1 0.784314 rgBT /Over 2.2 4	2.2	4
152	Detecting High-Rise Buildings from Sentinel-2 Data Based on Deep Learning Method. Remote Sensing, 2021, 13, 4073.	4.0	4
153	Deep-Sea: A Reconfigurable Accelerator for Classic CNN. Wireless Communications and Mobile Computing, 2022, 2022, 1-23.	1.2	4
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155	Large-scale Landsat image classification based on deep learning methods. APSIPA Transactions on Signal and Information Processing, 2019, 8, .	3.3	3
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