

Yanfei Zhong

List of Publications by Year in descending order

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318
docs citations

318
times ranked

10640
citing authors

#	ARTICLE	IF	CITATIONS
1	E2SCNet: Efficient Multiobjective Evolutionary Automatic Search for Remote Sensing Image Scene Classification Network Architecture. IEEE Transactions on Neural Networks and Learning Systems, 2024, 35, 7752-7766.	12.6	7
2	Explicable Fine-Grained Aircraft Recognition Via Deep Part Parsing Prior Framework for High-Resolution Remote Sensing Imagery. IEEE Transactions on Cybernetics, 2024, 54, 3968-3979.	10.1	0
3	Blurry dense object extraction based on buffer parsing network for high-resolution satellite remote sensing imagery. ISPRS Journal of Photogrammetry and Remote Sensing, 2024, 207, 122-140.	11.2	0
4	Multiobjective Spatiotemporal Subpixel Mapping for Remote Sensing Imagery. IEEE Transactions on Geoscience and Remote Sensing, 2024, 62, 1-17.	6.4	0
5	Online Background Discriminative Learning for Satellite Video Object Tracking. IEEE Transactions on Geoscience and Remote Sensing, 2024, 62, 1-15.	6.4	0
6	Multispectral and SAR Image Fusion for Multiscale Decomposition Based on Least Squares Optimization Rolling Guidance Filtering. IEEE Transactions on Geoscience and Remote Sensing, 2024, 62, 1-20.	6.4	2
7	LoveNAS: Towards multi-scene land-cover mapping via hierarchical searching adaptive network. ISPRS Journal of Photogrammetry and Remote Sensing, 2024, 209, 265-278.	11.2	0
8	Scale-aware deep reinforcement learning for high resolution remote sensing imagery classification. ISPRS Journal of Photogrammetry and Remote Sensing, 2024, 209, 296-311.	11.2	1
9	Uncertainties Analysis and Improvement of Smoothness TES Algorithm Based on Simulation Hyper-Cam-LW Airborne Imagery. IEEE Geoscience and Remote Sensing Letters, 2024, 21, 1-5.	3.1	0
10	RBP-MTL: Agricultural Parcel Vectorization via Region-Boundary-Parcel Decoupled Multitask Learning. IEEE Transactions on Geoscience and Remote Sensing, 2024, 62, 1-15.	6.4	0
11	Reply to Editorial Comment on "Refining Bacteriuria as a Risk Factor for Complications After Urethroplasty: Identifying the Culprit". Urology, 2024, 186, 8.	1.4	0
12	Contrastive Scene Change Representation Learning for High-Resolution Remote Sensing Scene Change Detection. IEEE Transactions on Geoscience and Remote Sensing, 2024, 62, 1-18.	6.4	0
13	A Channel Adaptive Dual Siamese Network for Hyperspectral Object Tracking. IEEE Transactions on Geoscience and Remote Sensing, 2024, 62, 1-12.	6.4	0
14	QETR: A Query-Enhanced Transformer for Remote Sensing Image Object Detection. IEEE Geoscience and Remote Sensing Letters, 2024, 21, 1-5.	3.1	1
15	Cross-Station Continual Aurora Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2024, 62, 1-12.	6.4	0
16	Occlusion-Aware Road Extraction Network for High-Resolution Remote Sensing Imagery. IEEE Transactions on Geoscience and Remote Sensing, 2024, 62, 1-16.	6.4	0
17	One-Step Detection Paradigm for Hyperspectral Anomaly Detection via Spectral Deviation Relationship Learning. IEEE Transactions on Geoscience and Remote Sensing, 2024, 62, 1-15.	6.4	1
18	PU-KBS: A Robust Positive and Unlabeled Learning Framework With Key Band Selection for One-Class Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2024, 62, 1-15.	6.4	0

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19	LPCN: Lightweight Precise Classification Network for Hyperspectral Remote Sensing Imagery Based on Multiobjective Optimization. IEEE Transactions on Geoscience and Remote Sensing, 2024, , 1-1.	6.4	0
20	Thermal infrared hyperspectral image band selection based on dynamic metric-guided particle swarm optimization for quantitative analysis of potash. International Journal of Remote Sensing, 2024, 45, 4075-4094.	3.0	0
21	A Self-Supervised Spaceborne Multispectral and Hyperspectral Image Fusion Unrolling Network. IEEE Transactions on Geoscience and Remote Sensing, 2024, 62, 1-12.	6.4	0
22	A Semi-Supervised Pyramid Cross-Temporal Attention Transformer for Change Detection in High-Resolution Remote Sensing Images. IEEE Geoscience and Remote Sensing Letters, 2024, 21, 1-5.	3.1	0
23	Unsupervised Adaptation Learning for Real Multiplatform Hyperspectral Image Denoising. IEEE Transactions on Cybernetics, 2024, , 1-14.	10.1	0
24	Unifying remote sensing change detection via deep probabilistic change models: From principles, models to applications. ISPRS Journal of Photogrammetry and Remote Sensing, 2024, 215, 239-255.	11.2	0
25	Adaptive Self-Supporting Prototype Learning for Remote Sensing Few-Shot Semantic Segmentation. IEEE Transactions on Geoscience and Remote Sensing, 2024, , 1-1.	6.4	0
26	Segmenting Remote Sensing Anomalies at Instance-level via Anomaly Map Guided Adaptation. IEEE Transactions on Geoscience and Remote Sensing, 2024, , 1-1.	6.4	0
27	Airborne thermal infrared hyperspectral image temperature and emissivity retrieval based on inter-channel correlated automatic atmospheric compensation and TES. Remote Sensing of Environment, 2024, 315, 114410.	11.1	0
28	Towards transferable building damage assessment via unsupervised single-temporal change adaptation. Remote Sensing of Environment, 2024, 315, 114416.	11.1	0
29	Changen2: Multi-Temporal Remote Sensing Generative Change Foundation Model. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2024, , 1-17.	15.3	0
30	Accurate Multiobjective Low-Rank and Sparse Model for Hyperspectral Image Denoising Method. IEEE Transactions on Evolutionary Computation, 2023, 27, 37-51.	11.4	14
31	An Accurate UAV 3-D Path Planning Method for Disaster Emergency Response Based on an Improved Multiobjective Swarm Intelligence Algorithm. IEEE Transactions on Cybernetics, 2023, 53, 2658-2671.	10.1	54
32	Satellite-air-ground integrated multi-source earth observation and machine learning processing brain for tailings reservoir monitoring and rapid emergency response. Land Degradation and Development, 2023, 34, 1941-1959.	3.9	3
33	Realistic Mixing Miniature Scene Hyperspectral Unmixing: From Benchmark Datasets to Autonomous Unmixing. IEEE Transactions on Geoscience and Remote Sensing, 2023, 61, 1-15.	6.4	8
34	Change Detection Based on Supervised Contrastive Learning for High-Resolution Remote Sensing Imagery. IEEE Transactions on Geoscience and Remote Sensing, 2023, 61, 1-16.	6.4	15
35	Deep Hierarchical Pyramid Network With High-Frequency-Aware Differential Architecture for Super-Resolution Mapping. IEEE Transactions on Geoscience and Remote Sensing, 2023, 61, 1-15.	6.4	15
36	Domain Adaptive Land-Cover Classification via Local Consistency and Global Diversity. IEEE Transactions on Geoscience and Remote Sensing, 2023, 61, 1-17.	6.4	6

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37	Cross-resolution national-scale land-cover mapping based on noisy label learning: A case study of China. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2023, 118, 103265.	2.5	10
38	An Effective Task Sampling Strategy Based on Category Generation for Fine-Grained Few-Shot Object Recognition. <i>Remote Sensing</i> , 2023, 15, 1552.	4.1	2
39	Unrolling Nonnegative Matrix Factorization With Group Sparsity for Blind Hyperspectral Unmixing. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2023, 61, 1-12.	6.4	6
40	One-Class Risk Estimation for One-Class Hyperspectral Image Classification. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2023, 61, 1-17.	6.4	4
41	An Adaptive Multiscale Gaussian Co-Occurrence Filtering Decomposition Method for Multispectral and SAR Image Fusion. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2023, 16, 8215-8229.	4.9	3
42	FarSeg++: Foreground-Aware Relation Network for Geospatial Object Segmentation in High Spatial Resolution Remote Sensing Imagery. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2023, 45, 13715-13729.	15.3	10
43	Adaptive Multistrategy Particle Swarm Optimization for Hyperspectral Remote Sensing Image Band Selection. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2023, 61, 1-15.	6.4	6
44	SiamOHOT: A Lightweight Dual Siamese Network for Onboard Hyperspectral Object Tracking via Joint Spatial-Spectral Knowledge Distillation. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2023, 61, 1-12.	6.4	5
45	Multiobjective Memetic Spatiotemporal Subpixel Mapping for Remote Sensing Imagery. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2023, 61, 1-18.	6.4	1
46	Attention in Attention for Hyperspectral with High Spatial Resolution ($H^{>2}$) Image Classification. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2023, , 1-1.	6.4	1
47	Multiobjective Sine Cosine Algorithm for Remote Sensing Image Spatial-Spectral Clustering. <i>IEEE Transactions on Cybernetics</i> , 2022, 52, 11172-11186.	10.1	13
48	Auto-AD: Autonomous Hyperspectral Anomaly Detection Network Based on Fully Convolutional Autoencoder. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-14.	6.4	79
49	A Self-Supervised Denoising Network for Satellite-Airborne-Ground Hyperspectral Imagery. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-16.	6.4	14
50	Three-Dimensional Change Detection in Urban Areas Based on Complementary Evidence Fusion. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-13.	6.4	4
51	Local Spatial Constraint and Total Variation for Hyperspectral Anomaly Detection. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-16.	6.4	28
52	Land-Use/Land-Cover Change Detection Based on Class-Prior Object-Oriented Conditional Random Field Framework for High Spatial Resolution Remote Sensing Imagery. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-16.	6.4	28
53	SPNet: Spectral Patching End-to-End Classification Network for UAV-Borne Hyperspectral Imagery With High Spatial and Spectral Resolutions. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-17.	6.4	24
54	CCANet: Class-Constraint Coarse-to-Fine Attentional Deep Network for Subdecimeter Aerial Image Semantic Segmentation. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-20.	6.4	32

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55	FactSeg: Foreground Activation-Driven Small Object Semantic Segmentation in Large-Scale Remote Sensing Imagery. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-16.	6.4	52
56	Spectral-Spatial Fusion Sub-Pixel Mapping Based on Deep Neural Network. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	7
57	A Spectral-Spatial-Dependent Global Learning Framework for Insufficient and Imbalanced Hyperspectral Image Classification. IEEE Transactions on Cybernetics, 2022, 52, 11709-11723.	10.1	93
58	MAP-Net: SAR and Optical Image Matching via Image-Based Convolutional Network With Attention Mechanism and Spatial Pyramid Aggregated Pooling. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	6.4	28
59	Cross-Modality Image Matching Network With Modality-Invariant Feature Representation for Airborne-Ground Thermal Infrared and Visible Datasets. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	6.4	18
60	Oil Spill Contextual and Boundary-Supervised Detection Network Based on Marine SAR Images. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-10.	6.4	31
61	S ³ TRM: Spectral-Spatial Unmixing of Hyperspectral Imagery Based on Sparse Topic Relaxation-Clustering Model. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	6.4	1
62	ChangeMask: Deep multi-task encoder-transformer-decoder architecture for semantic change detection. ISPRS Journal of Photogrammetry and Remote Sensing, 2022, 183, 228-239.	11.2	97
63	S3ANet: Spectral-spatial-scale attention network for end-to-end precise crop classification based on UAV-borne H2 imagery. ISPRS Journal of Photogrammetry and Remote Sensing, 2022, 183, 147-163.	11.2	23
64	A Joint Spectral Unmixing and Subpixel Mapping Framework Based on Multiobjective Optimization. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-17.	6.4	8
65	Unsupervised Deep Hyperspectral Video Target Tracking and High Spectral-Spatial-Temporal Resolution (H ³) Benchmark Dataset. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	6.4	18
66	Land-Use/Land-Cover change detection based on a Siamese global learning framework for high spatial resolution remote sensing imagery. ISPRS Journal of Photogrammetry and Remote Sensing, 2022, 184, 63-78.	11.2	146
67	Generating 2m fine-scale urban tree cover product over 34 metropolises in China based on deep context-aware sub-pixel mapping network. International Journal of Applied Earth Observation and Geoinformation, 2022, 106, 102667.	2.5	29
68	A Practical Temperature and Emissivity Separation Framework With Reanalysis Atmospheric Profiles for Hyper-Cam Airborne Thermal Infrared Hyperspectral Imagery. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 687-699.	4.9	1
69	Spatio-Temporal Dual-Branch Network With Predictive Feature Learning for Satellite Video Object Segmentation. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-15.	6.4	12
70	A circulating particle current and energy currents in a circular tube with a temperature difference. European Physical Journal B, 2022, 95, 1.	1.6	0
71	SCViT: A Spatial-Channel Feature Preserving Vision Transformer for Remote Sensing Image Scene Classification. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-12.	6.4	81
72	Domain Adaptation via a Task-Specific Classifier Framework for Remote Sensing Cross-Scene Classification. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	6.4	23

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73	A Supervised Progressive Growing Generative Adversarial Network for Remote Sensing Image Scene Classification. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-18.	6.4	22
74	The CNRIEEEMC: A communication-navigation-remote sensing-integrated ecological environment emergency monitoring chain for tailings areas. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2022, 108, 102710.	2.5	4
75	Knowledge-guided land pattern depiction for urban land use mapping: A case study of Chinese cities. <i>Remote Sensing of Environment</i> , 2022, 272, 112916.	11.1	61
76	Mapping the distribution of invasive tree species using deep one-class classification in the tropical montane landscape of Kenya. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2022, 187, 328-344.	11.2	30
77	Generating continuous fine-scale land cover mapping by edge-guided maximum a posteriori based spatiotemporal sub-pixel mapping. <i>Science of Remote Sensing</i> , 2022, 5, 100041.	4.8	1
78	Cascaded Multi-Task Road Extraction Network for Road Surface, Centerline, and Edge Extraction. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-14.	6.4	23
79	Deep Low-Rank Prior for Hyperspectral Anomaly Detection. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-17.	6.4	17
80	Cross-sensor domain adaptation for high spatial resolution urban land-cover mapping: From airborne to spaceborne imagery. <i>Remote Sensing of Environment</i> , 2022, 277, 113058.	11.1	51
81	TypeFormer: Multiscale Transformer With Type Controller for Remote Sensing Image Caption. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2022, 19, 1-5.	3.1	13
82	LWIR hyperspectral image classification based on a temperature-emissivity residual network and conditional random field model. <i>International Journal of Remote Sensing</i> , 2022, 43, 3744-3768.	3.0	8
83	Large-scale deep learning based binary and semantic change detection in ultra high resolution remote sensing imagery: From benchmark datasets to urban application. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2022, 193, 164-186.	11.2	37
84	The Outcome of the 2022 Landslide4Sense Competition: Advanced Landslide Detection From Multisource Satellite Imagery. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2022, 15, 9927-9942.	4.9	43
85	A Decomposition-Based Multiobjective Clonal Selection Algorithm for Hyperspectral Image Feature Selection. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-16.	6.4	12
86	SiamHYPER: Learning a Hyperspectral Object Tracker From an RGB-Based Tracker. <i>IEEE Transactions on Image Processing</i> , 2022, 31, 7116-7129.	10.2	26
87	Open-Source Data-Driven Cross-Domain Road Detection From Very High Resolution Remote Sensing Imagery. <i>IEEE Transactions on Image Processing</i> , 2022, 31, 6847-6862.	10.2	4
88	Superpixel-Based Reweighted Low-Rank and Total Variation Sparse Unmixing for Hyperspectral Remote Sensing Imagery. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021, 59, 629-647.	6.4	77
89	RSNet: The Search for Remote Sensing Deep Neural Networks in Recognition Tasks. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021, 59, 2520-2534.	6.4	80
90	Autonomous Endmember Detection via an Abundance Anomaly Guided Saliency Prior for Hyperspectral Imagery. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021, 59, 2336-2351.	6.4	7

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91	Spark-based adaptive Mapreduce data processing method for remote sensing imagery. International Journal of Remote Sensing, 2021, 42, 191-207.	3.0	4
92	SceneNet: Remote sensing scene classification deep learning network using multi-objective neural evolution architecture search. ISPRS Journal of Photogrammetry and Remote Sensing, 2021, 172, 171-188.	11.2	99
93	Intelligent difficulty scoring and assistance system for endoscopic extraction of common bile duct stones based on deep learning: multicenter study. Endoscopy, 2021, 53, 491-498.	1.7	18
94	Deep Subpixel Mapping Based on Semantic Information Modulated Network for Urban Land Use Mapping. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 10628-10646.	6.4	67
95	Advances in spaceborne hyperspectral remote sensing in China. Geo-Spatial Information Science, 2021, 24, 95-120.	5.8	62
96	Anomaly Detection in Airborne Fourier Transform Thermal Infrared Spectrometer Images Based on Emissivity and a Segmented Low-Rank Prior. Remote Sensing, 2021, 13, 754.	4.1	7
97	Changes in Serum Lactate Level Predict Postoperative Intra-Abdominal Infection After Pancreatic Resection. World Journal of Surgery, 2021, 45, 1877-1886.	1.4	5
98	An Anchor-Free Siamese Target Tracking Network for Hyperspectral Video. , 2021, , .		31
99	Deep multisensor learning for missing-modality all-weather mapping. ISPRS Journal of Photogrammetry and Remote Sensing, 2021, 174, 254-264.	11.2	35
100	GAMSNNet: Globally aware road detection network with multi-scale residual learning. ISPRS Journal of Photogrammetry and Remote Sensing, 2021, 175, 340-352.	11.2	45
101	A Global Context-aware and Batch-independent Network for road extraction from VHR satellite imagery. ISPRS Journal of Photogrammetry and Remote Sensing, 2021, 175, 353-365.	11.2	136
102	Deep learning-based crop mapping in the cloudy season using one-shot hyperspectral satellite imagery. Computers and Electronics in Agriculture, 2021, 186, 106188.	7.9	54
103	Remote Sensing Image Super-Resolution Based on Dense Channel Attention Network. Remote Sensing, 2021, 13, 2966.	4.1	8
104	Multiscale U-Shaped CNN Building Instance Extraction Framework With Edge Constraint for High-Spatial-Resolution Remote Sensing Imagery. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 6106-6120.	6.4	59
105	Small moving vehicle detection via local enhancement fusion for satellite video. International Journal of Remote Sensing, 2021, 42, 7189-7214.	3.0	11
106	Urban road mapping based on an end-to-end road vectorization mapping network framework. ISPRS Journal of Photogrammetry and Remote Sensing, 2021, 178, 345-365.	11.2	28
107	Urban scene understanding based on semantic and socioeconomic features: From high-resolution remote sensing imagery to multi-source geographic datasets. ISPRS Journal of Photogrammetry and Remote Sensing, 2021, 179, 50-65.	11.2	27
108	Cross-domain road detection based on global-local adversarial learning framework from very high resolution satellite imagery. ISPRS Journal of Photogrammetry and Remote Sensing, 2021, 180, 296-312.	11.2	23

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109	Building damage assessment for rapid disaster response with a deep object-based semantic change detection framework: From natural disasters to man-made disasters. Remote Sensing of Environment, 2021, 265, 112636.	11.1	159
110	Deep Convolutional Neural Network Framework for Subpixel Mapping. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 9518-9539.	6.4	39
111	Weakly Supervised Semantic Change Detection via Label Refinement Framework. , 2021, , .		6
112	A Nov AI Global-Local Adversarial Network for Unsupervised Cross-Domain Road Detection. , 2021, , .		2
113	Deep One-Class Crop Extraction Framework for Multi-Modal Remote Sensing Imagery. , 2021, , .		0
114	Rethinking the High Frequency Components in Deep Sub-Pixel Mapping Network. , 2021, , .		1
115	Weakly Supervised Convolutional Neural Networks for Hyperspectral Unmixing. , 2021, , .		3
116	Low-Rank Representation Incorporating Local Spatial Constraint for Hyperspectral Anomaly Detection. , 2021, , .		2
117	Sensor-Specific Adversarial Network for Transferable Land-Cover Classification. , 2021, , .		0
118	Field-Based High-Quality Emissivity Spectra Measurement Using a Fourier Transform Thermal Infrared Hyperspectral Imager. Remote Sensing, 2021, 13, 4453.	4.1	6
119	DOCC: Deep one-class crop classification via positive and unlabeled learning for multi-modal satellite imagery. International Journal of Applied Earth Observation and Geoinformation, 2021, 105, 102598.	2.5	15
120	Die medizinische Habilitation an deutschen Hochschulen: ein Vergleich der Ordnungen ¼ber 23Âjahre. Chirurg, 2021, , 1.	0.5	1
121	A robust spectral-spatial approach to identifying heterogeneous crops using remote sensing imagery with high spectral and spatial resolutions. Remote Sensing of Environment, 2020, 239, 111605.	11.1	69
122	Satellite-ground integrated destriping network: A new perspective for EO-1 Hyperion and Chinese hyperspectral satellite datasets. Remote Sensing of Environment, 2020, 237, 111416.	11.1	43
123	Exploiting Deep Features for Remote Sensing Image Retrieval: A Systematic Investigation. IEEE Transactions on Big Data, 2020, 6, 507-521.	6.4	68
124	Spectralâ€Spatialâ€Temporal MAP-Based Sub-Pixel Mapping for Land-Cover Change Detection. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 1696-1717.	6.4	28
125	Automatic Aurora Image Classification Framework Based on Deep Learning for Occurrence Distribution Analysis: A Case Study of Allâ€Sky Image Data Sets From the Yellow River Station. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027590.	2.4	11
126	Precise object detection using adversarially augmented local/global feature fusion. Engineering Applications of Artificial Intelligence, 2020, 94, 103710.	8.3	8

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127	Foreground-Aware Relation Network for Geospatial Object Segmentation in High Spatial Resolution Remote Sensing Imagery. , 2020, , .		183
128	WHU-Hi: UAV-borne hyperspectral with high spatial resolution (H2) benchmark datasets and classifier for precise crop identification based on deep convolutional neural network with CRF. Remote Sensing of Environment, 2020, 250, 112012.	11.1	253
129	Modality-Free Feature Detector and Descriptor for Multimodal Remote Sensing Image Registration. Remote Sensing, 2020, 12, 2937.	4.1	18
130	Open-source data-driven urban land-use mapping integrating point-line-polygon semantic objects: A case study of Chinese cities. Remote Sensing of Environment, 2020, 247, 111838.	11.1	71
131	COLOR: Cycling, Offline Learning, and Online Representation Framework for Airport and Airplane Detection Using GF-2 Satellite Images. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 8438-8449.	6.4	13
132	Multiobjective Subpixel Mapping With Multiple Shifted Hyperspectral Images. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 8176-8191.	6.4	14
133	Mechanisms underlying CD19-positive ALL relapse after anti-CD19 CAR T cell therapy and associated strategies. Biomarker Research, 2020, 8, 18.	7.0	54
134	HyNet: Hyper-scale object detection network framework for multiple spatial resolution remote sensing imagery. ISPRS Journal of Photogrammetry and Remote Sensing, 2020, 166, 1-14.	11.2	56
135	Hyperspectral Anomaly Detection via Locally Enhanced Low-Rank Prior. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 6995-7009.	6.4	31
136	S3CRF: Sparse Spatial-Spectral Conditional Random Field Target Detection Framework for Airborne Hyperspectral Data. IEEE Access, 2020, 8, 46917-46930.	4.4	0
137	A Student's t-based density peaks clustering with superpixel segmentation (tDPCSS) method for image color clustering. Color Research and Application, 2020, 45, 656-670.	1.6	5
138	FPGA: Fast Patch-Free Global Learning Framework for Fully End-to-End Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 5612-5626.	6.4	139
139	Multi-Objective Sparse Subspace Clustering for Hyperspectral Imagery. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 2290-2307.	6.4	18
140	Multiobjective Hyperspectral Feature Selection Based on Discrete Sine Cosine Algorithm. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 3601-3618.	6.4	44
141	A Color Consistency Processing Method for HY-1C Images of Antarctica. Remote Sensing, 2020, 12, 1143.	4.1	4
142	Spectral-Spatial Classification Integrating Band Selection for Hyperspectral Imagery With Severe Noise Bands. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 1597-1609.	4.9	7
143	Edge-Reinforced Convolutional Neural Network for Road Detection in Very-High-Resolution Remote Sensing Imagery. Photogrammetric Engineering and Remote Sensing, 2020, 86, 153-160.	0.6	11
144	Optimal Temporal Window Selection for Winter Wheat and Rapeseed Mapping with Sentinel-2 Images: A Case Study of Zhongxiang in China. Remote Sensing, 2020, 12, 226.	4.1	40

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145	Cropnet: Deep Spatial-Temporal-Spectral Feature Learning Network for Crop Classification from Time-Series Multi-Spectral Images. , 2020, , .		7
146	A Novel Global-Aware Deep Network for Road Detection of Very High Resolution Remote Sensing Imagery. , 2020, , .		4
147	RSSM-Net: Remote Sensing Image Scene Classification Based on Multi-Objective Neural Architecture Search. , 2020, , .		3
148	Topic Model for Remote Sensing Data: A Comprehensive Review. , 2020, , .		1
149	Semi-Supervised Hyperspectral Unmixing with Very Deep Convolutional Neural Networks. , 2020, , .		1
150	Distributed Geoscience Algorithm Integration Based on OWS Specifications: A Case Study of the Extraction of a River Network. ISPRS International Journal of Geo-Information, 2019, 8, 12.	2.9	3
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