

Yanfei Zhong

List of Publications by Year in descending order

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248
papers

10,454
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26567

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248
docs citations

248
times ranked

5620
citing authors

#	ARTICLE	IF	CITATIONS
1	Accurate Multiobjective Low-Rank and Sparse Model for Hyperspectral Image Denoising Method. IEEE Transactions on Evolutionary Computation, 2023, 27, 37-51.	7.5	11
2	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.	6.2	29
3	Multiobjective Sine Cosine Algorithm for Remote Sensing Image Spatial-Spectral Clustering. IEEE Transactions on Cybernetics, 2022, 52, 11172-11186.	6.2	10
4	Auto-AD: Autonomous Hyperspectral Anomaly Detection Network Based on Fully Convolutional Autoencoder. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	2.7	61
5	A Self-Supervised Denoising Network for Satellite-Airborne-Ground Hyperspectral Imagery. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-16.	2.7	12
6	Three-Dimensional Change Detection in Urban Areas Based on Complementary Evidence Fusion. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	2.7	2
7	Local Spatial Constraint and Total Variation for Hyperspectral Anomaly Detection. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-16.	2.7	21
8	Land-Use/Land-Cover Change Detection Based on Class-Prior Object-Oriented Conditional Random Field Framework for High Spatial Resolution Remote Sensing Imagery. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-16.	2.7	22
9	SPNet: Spectral Patching End-to-End Classification Network for UAV-Borne Hyperspectral Imagery With High Spatial and Spectral Resolutions. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-17.	2.7	19
10	CCANet: Class-Constraint Coarse-to-Fine Attentional Deep Network for Subdecimeter Aerial Image Semantic Segmentation. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-20.	2.7	27
11	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.	2.7	38
12	Spectral-Spatial Fusion Sub-Pixel Mapping Based on Deep Neural Network. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	1.4	6
13	A Spectral-Spatial-Dependent Global Learning Framework for Insufficient and Imbalanced Hyperspectral Image Classification. IEEE Transactions on Cybernetics, 2022, 52, 11709-11723.	6.2	69
14	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.	2.7	24
15	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.	2.7	15
16	Oil Spill Contextual and Boundary-Supervised Detection Network Based on Marine SAR Images. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-10.	2.7	21
17	STRM: Spectral-Spatial Unmixing of Hyperspectral Imagery Based on Sparse Topic Relaxation-Clustering Model. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	2.7	1
18	ChangeMask: Deep multi-task encoder-transformer-decoder architecture for semantic change detection. ISPRS Journal of Photogrammetry and Remote Sensing, 2022, 183, 228-239.	4.9	65

#	ARTICLE	IF	CITATIONS
19	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.	4.9	21
20	A Joint Spectral Unmixing and Subpixel Mapping Framework Based on Multiobjective Optimization. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-17.	2.7	7
21	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.	2.7	15
22	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.	4.9	113
23	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.	1.4	23
24	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.	2.3	0
25	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.	2.7	11
26	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.	2.7	61
27	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.	2.7	14
28	A Supervised Progressive Growing Generative Adversarial Network for Remote Sensing Image Scene Classification. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-18.	2.7	13
29	The CNRIEEMC: A communication-navigation-remote sensing-integrated ecological environment emergency monitoring chain for tailings areas. International Journal of Applied Earth Observation and Geoinformation, 2022, 108, 102710.	1.4	4
30	Knowledge-guided land pattern depiction for urban land use mapping: A case study of Chinese cities. Remote Sensing of Environment, 2022, 272, 112916.	4.6	39
31	Mapping the distribution of invasive tree species using deep one-class classification in the tropical montane landscape of Kenya. ISPRS Journal of Photogrammetry and Remote Sensing, 2022, 187, 328-344.	4.9	25
32	Generating continuous fine-scale land cover mapping by edge-guided maximum a posteriori based spatiotemporal sub-pixel mapping. Science of Remote Sensing, 2022, 5, 100041.	2.2	1
33	Cascaded Multi-Task Road Extraction Network for Road Surface, Centerline, and Edge Extraction. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	2.7	18
34	Deep Low-Rank Prior for Hyperspectral Anomaly Detection. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-17.	2.7	14
35	Cross-sensor domain adaptation for high spatial resolution urban land-cover mapping: From airborne to spaceborne imagery. Remote Sensing of Environment, 2022, 277, 113058.	4.6	41
36	TypeFormer: Multiscale Transformer With Type Controller for Remote Sensing Image Caption. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	1.4	9

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37	Superpixel-Based Reweighted Low-Rank and Total Variation Sparse Unmixing for Hyperspectral Remote Sensing Imagery. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 629-647.	2.7	72
38	RSNet: The Search for Remote Sensing Deep Neural Networks in Recognition Tasks. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 2520-2534.	2.7	73
39	Autonomous Endmember Detection via an Abundance Anomaly Guided Saliency Prior for Hyperspectral Imagery. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 2336-2351.	2.7	6
40	Spark-based adaptive Mapreduce data processing method for remote sensing imagery. International Journal of Remote Sensing, 2021, 42, 191-207.	1.3	3
41	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.	4.9	87
42	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.	1.0	15
43	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.	2.7	62
44	Advances in spaceborne hyperspectral remote sensing in China. Geo-Spatial Information Science, 2021, 24, 95-120.	2.4	49
45	Anomaly Detection in Airborne Fourier Transform Thermal Infrared Spectrometer Images Based on Emissivity and a Segmented Low-Rank Prior. Remote Sensing, 2021, 13, 754.	1.8	5
46	An Anchor-Free Siamese Target Tracking Network for Hyperspectral Video. , 2021, , .		28
47	Deep multisensor learning for missing-modality all-weather mapping. ISPRS Journal of Photogrammetry and Remote Sensing, 2021, 174, 254-264.	4.9	30
48	GAMSNNet: Globally aware road detection network with multi-scale residual learning. ISPRS Journal of Photogrammetry and Remote Sensing, 2021, 175, 340-352.	4.9	38
49	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.	4.9	115
50	Deep learning-based crop mapping in the cloudy season using one-shot hyperspectral satellite imagery. Computers and Electronics in Agriculture, 2021, 186, 106188.	3.7	47
51	Remote Sensing Image Super-Resolution Based on Dense Channel Attention Network. Remote Sensing, 2021, 13, 2966.	1.8	6
52	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.	2.7	50
53	Small moving vehicle detection via local enhancement fusion for satellite video. International Journal of Remote Sensing, 2021, 42, 7189-7214.	1.3	10
54	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.	4.9	25

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55	Urban scene understanding based on semantic and socioeconomic features: From high-resolution remote sensing imagery to multi-source geographic datasets. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2021, 179, 50-65.	4.9	21
56	Cross-domain road detection based on global-local adversarial learning framework from very high resolution satellite imagery. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2021, 180, 296-312.	4.9	18
57	Building damage assessment for rapid disaster response with a deep object-based semantic change detection framework: From natural disasters to man-made disasters. <i>Remote Sensing of Environment</i> , 2021, 265, 112636.	4.6	110
58	Deep Convolutional Neural Network Framework for Subpixel Mapping. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021, 59, 9518-9539.	2.7	36
59	Weakly Supervised Semantic Change Detection via Label Refinement Framework. , 2021, , .		5
60	A Nov AI Global-Local Adversarial Network for Unsupervised Cross-Domain Road Detection. , 2021, , .		1
61	Deep One-Class Crop Extraction Framework for Multi-Modal Remote Sensing Imagery. , 2021, , .		0
62	Rethinking the High Frequency Components in Deep Sub-Pixel Mapping Network. , 2021, , .		0
63	Weakly Supervised Convolutional Neural Networks for Hyperspectral Unmixing. , 2021, , .		3
64	Low-Rank Representation Incorporating Local Spatial Constraint for Hyperspectral Anomaly Detection. , 2021, , .		1
65	Sensor-Specific Adversarial Network for Transferable Land-Cover Classification. , 2021, , .		0
66	Field-Based High-Quality Emissivity Spectra Measurement Using a Fourier Transform Thermal Infrared Hyperspectral Imager. <i>Remote Sensing</i> , 2021, 13, 4453.	1.8	5
67	DOCC: Deep one-class crop classification via positive and unlabeled learning for multi-modal satellite imagery. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2021, 105, 102598.	1.4	10
68	A robust spectral-spatial approach to identifying heterogeneous crops using remote sensing imagery with high spectral and spatial resolutions. <i>Remote Sensing of Environment</i> , 2020, 239, 111605.	4.6	65
69	Satellite-ground integrated destriping network: A new perspective for EO-1 Hyperion and Chinese hyperspectral satellite datasets. <i>Remote Sensing of Environment</i> , 2020, 237, 111416.	4.6	39
70	Exploiting Deep Features for Remote Sensing Image Retrieval: A Systematic Investigation. <i>IEEE Transactions on Big Data</i> , 2020, 6, 507-521.	4.4	62
71	Spectral-“Spatial”-Temporal MAP-Based Sub-Pixel Mapping for Land-Cover Change Detection. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2020, 58, 1696-1717.	2.7	25
72	Automatic Aurora Image Classification Framework Based on Deep Learning for Occurrence Distribution Analysis: A Case Study of All-Sky Image Data Sets From the Yellow River Station. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027590.	0.8	9

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73	Precise object detection using adversarially augmented local/global feature fusion. Engineering Applications of Artificial Intelligence, 2020, 94, 103710.	4.3	7
74	Foreground-Aware Relation Network for Geospatial Object Segmentation in High Spatial Resolution Remote Sensing Imagery. , 2020, , .		143
75	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.	4.6	210
76	Modality-Free Feature Detector and Descriptor for Multimodal Remote Sensing Image Registration. Remote Sensing, 2020, 12, 2937.	1.8	14
77	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.	4.6	64
78	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.	2.7	12
79	Multiobjective Subpixel Mapping With Multiple Shifted Hyperspectral Images. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 8176-8191.	2.7	12
80	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.	4.9	54
81	Hyperspectral Anomaly Detection via Locally Enhanced Low-Rank Prior. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 6995-7009.	2.7	26
82	S3CRF: Sparse Spatial-Spectral Conditional Random Field Target Detection Framework for Airborne Hyperspectral Data. IEEE Access, 2020, 8, 46917-46930.	2.6	0
83	Adaptive conditional random field classification framework based on spatial homogeneity for high-resolution remote sensing imagery. Remote Sensing Letters, 2020, 11, 515-524.	0.6	6
84	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.	0.8	5
85	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.	2.7	123
86	Multi-Objective Sparse Subspace Clustering for Hyperspectral Imagery. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 2290-2307.	2.7	17
87	Multiobjective Hyperspectral Feature Selection Based on Discrete Sine Cosine Algorithm. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 3601-3618.	2.7	38
88	A Color Consistency Processing Method for HY-1C Images of Antarctica. Remote Sensing, 2020, 12, 1143.	1.8	4
89	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.	2.3	6
90	Edge-Reinforced Convolutional Neural Network for Road Detection in Very-High-Resolution Remote Sensing Imagery. Photogrammetric Engineering and Remote Sensing, 2020, 86, 153-160.	0.3	9

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91	Optimal Temporal Window Selection for Winter Wheat and Rapeseed Mapping with Sentinel-2 Images: A Case Study of Zhongxiang in China. <i>Remote Sensing</i> , 2020, 12, 226.	1.8	33
92	Cropnet: Deep Spatial-Temporal-Spectral Feature Learning Network for Crop Classification from Time-Series Multi-Spectral Images. , 2020, , .		7
93	A Novel Global-Aware Deep Network for Road Detection of Very High Resolution Remote Sensing Imagery. , 2020, , .		3
94	RSSM-Net: Remote Sensing Image Scene Classification Based on Multi-Objective Neural Architecture Search. , 2020, , .		3
95	Topic Model for Remote Sensing Data: A Comprehensive Review. , 2020, , .		1
96	Semi-Supervised Hyperspectral Unmixing with Very Deep Convolutional Neural Networks. , 2020, , .		1
97	Distributed Geoscience Algorithm Integration Based on OWS Specifications: A Case Study of the Extraction of a River Network. <i>ISPRS International Journal of Geo-Information</i> , 2019, 8, 12.	1.4	3
98	Inland Waters Suspended Solids Concentration Retrieval Based on PSO-LSSVM for UAV-Borne Hyperspectral Remote Sensing Imagery. <i>Remote Sensing</i> , 2019, 11, 1455.	1.8	35
99	Multi-Scale and Multi-Task Deep Learning Framework for Automatic Road Extraction. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2019, 57, 9362-9377.	2.7	120
100	An Improved Gradient Boosting Regression Tree Estimation Model for Soil Heavy Metal (Arsenic) Pollution Monitoring Using Hyperspectral Remote Sensing. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 1943.	1.3	59
101	Joint Local Block Grouping with Noise-Adjusted Principal Component Analysis for Hyperspectral Remote-Sensing Imagery Sparse Unmixing. <i>Remote Sensing</i> , 2019, 11, 1223.	1.8	11
102	Cropland Product Fusion Method Based on the Overall Consistency Difference: A Case Study of China. <i>Remote Sensing</i> , 2019, 11, 1065.	1.8	6
103	Blind Hyperspectral Unmixing Considering the Adjacency Effect. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2019, 57, 6633-6649.	2.7	17
104	Spatial-Spectral Fusion Based on Conditional Random Fields for the Fine Classification of Crops in UAV-Borne Hyperspectral Remote Sensing Imagery. <i>Remote Sensing</i> , 2019, 11, 780.	1.8	33
105	Pipeline leakage detection for district heating systems using multisource data in mid- and high-latitude regions. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2019, 151, 207-222.	4.9	21
106	Multiobjective Sparse Subpixel Mapping for Remote Sensing Imagery. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2019, 57, 4490-4508.	2.7	15
107	Contemporary Liquid Brine Exploration on Mars: From Spectral Unmixing to Subpixel Mapping. <i>Earth and Space Science</i> , 2019, 6, 433-466.	1.1	1
108	SPNet: A Spectral Patching Network for End-To-End Hyperspectral Image Classification. , 2019, , .		6

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109	Local Block Grouping with Napca Spatial Preprocessing for Hyperspectral Remote Sensing Imagery Sparse Unmixing. , 2019, , .		1
110	Sub-Pixel Mapping with Multiple Shifted Hyperspectral Images Based on Multiobjective Evolutionary Algorithm. , 2019, , .		0
111	Face Inpainting via Nested Generative Adversarial Networks. IEEE Access, 2019, 7, 155462-155471.	2.6	12
112	D-Resunet: Resunet and Dilated Convolution for High Resolution Satellite Imagery Road Extraction. , 2019, , .		18
113	Tailings Reservoir Disaster and Environmental Monitoring Using the UAV-ground Hyperspectral Joint Observation and Processing: A Case of Study in Xinjiang, the Belt and Road. , 2019, , .		19
114	A Novel Robust Feature Descriptor for Multi-Source Remote Sensing Image Registration. , 2019, , .		7
115	Self-Training Classification Framework with Spatial-Contextual Information for Local Climate Zones. Remote Sensing, 2019, 11, 2828.	1.8	6
116	Hyperspectral Remote Sensing Image Band Selection Via Multi-Objective Sine Cosine Algorithm. , 2019, , .		6
117	High-Resolution Remote Sensing Image Scene Understanding: A Review. , 2019, , .		13
118	Multi-Scale Enhanced Deep Network for Road Detection. , 2019, , .		4
119	Pop-Net: Encoder-Dual Decoder for Semantic Segmentation and Single-View Height Estimation. , 2019, , .		15
120	Spatiotemporal Subpixel Geographical Evolution Mapping. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 2198-2220.	2.7	12
121	Fully Automatic Spectralâ€“Spatial Fuzzy Clustering Using an Adaptive Multiobjective Memetic Algorithm for Multispectral Imagery. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 2324-2340.	2.7	16
122	Scene Classification Based on the Sparse Homogeneousâ€“Heterogeneous Topic Feature Model. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 2689-2703.	2.7	51
123	Multiobjective Subpixel Land-Cover Mapping. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 422-435.	2.7	28
124	Multi-class geospatial object detection based on a position-sensitive balancing framework for high spatial resolution remote sensing imagery. ISPRS Journal of Photogrammetry and Remote Sensing, 2018, 138, 281-294.	4.9	109
125	Spectral-spatial classification of hyperspectral imagery with cooperative game. ISPRS Journal of Photogrammetry and Remote Sensing, 2018, 135, 31-42.	4.9	58
126	Computational intelligence in optical remote sensing image processing. Applied Soft Computing Journal, 2018, 64, 75-93.	4.1	153

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127	A Novel Three Limb Topology of a Saturated Core Fault Current Limiter in HVDC System. , 2018, , .		0
128	Color: Cycling Offline Learning and Online Representing for Remote Sensing Dataflow. , 2018, , .		0
129	Performance Optimization of a Novel DC Fault Current Limiter Combining Different Magnetic Materials and Topologies.. , 2018, , .		0
130	Change Detection Based on Multi-Feature Clustering Using Differential Evolution for Landsat Imagery. Remote Sensing, 2018, 10, 1664.	1.8	14
131	Attention-Mechanism-Containing Neural Networks for High-Resolution Remote Sensing Image Classification. Remote Sensing, 2018, 10, 1602.	1.8	55
132	An Economical Three-Phase Fault Current Limiter Considering Different Types of Fault.. , 2018, , .		1
133	Mini-UAV-Borne Hyperspectral Remote Sensing: From Observation and Processing to Applications. IEEE Geoscience and Remote Sensing Magazine, 2018, 6, 46-62.	4.9	189
134	Fine Classification of Typical Farms in Southern China Based on Airborne Hyperspectral Remote Sensing Images. , 2018, , .		1
135	Urban Land Use/Land Cover Classification Based on Feature Fusion Fusing Hyperspectral Image and Lidar Data. , 2018, , .		12
136	Least Angle Regression-Based Constrained Sparse Unmixing of Hyperspectral Remote Sensing Imagery. Remote Sensing, 2018, 10, 1546.	1.8	11
137	Unsupervised Change Detection Based on Hybrid Conditional Random Field Model for High Spatial Resolution Remote Sensing Imagery. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 4002-4015.	2.7	61
138	Scene Classification Based on Multiscale Convolutional Neural Network. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 7109-7121.	2.7	121
139	Adaptive Deep Sparse Semantic Modeling Framework for High Spatial Resolution Image Scene Classification. IEEE Transactions on Geoscience and Remote Sensing, 2018, , 1-16.	2.7	64
140	A New Spectral-Spatial Sub-Pixel Mapping Model for Remotely Sensed Hyperspectral Imagery. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 6763-6778.	2.7	22
141	Aurora Image Classification Based on Multi-Feature Latent Dirichlet Allocation. Remote Sensing, 2018, 10, 233.	1.8	14
142	Scene Classification Based on a Deep Random-Scale Stretched Convolutional Neural Network. Remote Sensing, 2018, 10, 444.	1.8	73
143	A Deep-Local-Global Feature Fusion Framework for High Spatial Resolution Imagery Scene Classification. Remote Sensing, 2018, 10, 568.	1.8	52
144	DenseNet-Based Depth-Width Double Reinforced Deep Learning Neural Network for High-Resolution Remote Sensing Image Per-Pixel Classification. Remote Sensing, 2018, 10, 779.	1.8	45

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145	Saliency-Based Endmember Detection for Hyperspectral Imagery. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 3667-3680.	2.7	17
146	Using Linear Spectral Unmixing for Subpixel Mapping of Hyperspectral Imagery: A Quantitative Assessment. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2017, 10, 1589-1600.	2.3	12
147	AID: A Benchmark Data Set for Performance Evaluation of Aerial Scene Classification. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 3965-3981.	2.7	1,291
148	Spatial-Spectral Unsupervised Convolutional Sparse Auto-Encoder Classifier for Hyperspectral Imagery. Photogrammetric Engineering and Remote Sensing, 2017, 83, 195-206.	0.3	18
149	Scene classification based on a hierarchical convolutional sparse auto-encoder for high spatial resolution imagery. International Journal of Remote Sensing, 2017, 38, 514-536.	1.3	39
150	Transfer Learning With Fully Pretrained Deep Convolution Networks for Land-Use Classification. IEEE Geoscience and Remote Sensing Letters, 2017, 14, 1436-1440.	1.4	79
151	Spatial Group Sparsity Regularized Nonnegative Matrix Factorization for Hyperspectral Unmixing. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 6287-6304.	2.7	160
152	A Novel Approach to Subpixel Land-Cover Change Detection Based on a Supervised Back-Propagation Neural Network for Remotely Sensed Images With Different Resolutions. IEEE Geoscience and Remote Sensing Letters, 2017, 14, 1750-1754.	1.4	21
153	Scene Classification Based on the Fully Sparse Semantic Topic Model. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 5525-5538.	2.7	36
154	SatCNN: satellite image dataset classification using agile convolutional neural networks. Remote Sensing Letters, 2017, 8, 136-145.	0.6	101
155	Scene semantic classification based on scale invariance convolutional neural networks. , 2017, , .		3
156	MINI-UAV borne hyperspectral remote sensing: A review. , 2017, , .		9
157	Differentiable sparse unmixing based on Bregman divergence for hyperspectral remote sensing imagery. , 2017, , .		2
158	Joint Sparse Sub-Pixel Mapping Model with Endmember Variability for Remotely Sensed Imagery. Remote Sensing, 2017, 9, 15.	1.8	19
159	An Efficient and Robust Integrated Geospatial Object Detection Framework for High Spatial Resolution Remote Sensing Imagery. Remote Sensing, 2017, 9, 666.	1.8	138
160	Pre-Trained AlexNet Architecture with Pyramid Pooling and Supervision for High Spatial Resolution Remote Sensing Image Scene Classification. Remote Sensing, 2017, 9, 848.	1.8	242
161	Optimal Decision Fusion for Urban Land-Use/Land-Cover Classification Based on Adaptive Differential Evolution Using Hyperspectral and LiDAR Data. Remote Sensing, 2017, 9, 868.	1.8	48
162	Spatial-Spectral-Emissivity Land-Cover Classification Fusing Visible and Thermal Infrared Hyperspectral Imagery. Remote Sensing, 2017, 9, 910.	1.8	13

#	ARTICLE	IF	CITATIONS
163	Scene Semantic Understanding Based on the Spatial Context Relations of Multiple Objects. Remote Sensing, 2017, 9, 1030.	1.8	17
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