

# Wei Li

## List of Publications by Citations

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155  
papers

6,758  
citations

37  
h-index

80  
g-index

167  
ext. papers

8,379  
ext. citations

5.6  
avg, IF

6.79  
L-index

#	Paper	IF	Citations
155	Deep Convolutional Neural Networks for Hyperspectral Image Classification. <i>Journal of Sensors</i> , <b>2015</b> , 2015, 1-12	2	760
154	Hyperspectral Image Classification Using Deep Pixel-Pair Features. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2017</b> , 55, 844-853	8.1	470
153	Local Binary Patterns and Extreme Learning Machine for Hyperspectral Imagery Classification. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2015</b> , 53, 3681-3693	8.1	420
152	. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2012</b> , 50, 1185-1198	8.1	330
151	Collaborative Representation for Hyperspectral Anomaly Detection. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2015</b> , 53, 1463-1474	8.1	329
150	Diverse Region-Based CNN for Hyperspectral Image Classification. <i>IEEE Transactions on Image Processing</i> , <b>2018</b> , 27, 2623-2634	8.7	276
149	. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2018</b> , 56, 937-949	8.1	226
148	. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2014</b> , 52, 477-489	8.1	171
147	Spectral-Spatial Classification of Hyperspectral Image Based on Kernel Extreme Learning Machine. <i>Remote Sensing</i> , <b>2014</b> , 6, 5795-5814	5	171
146	Transferred Deep Learning for Anomaly Detection in Hyperspectral Imagery. <i>IEEE Geoscience and Remote Sensing Letters</i> , <b>2017</b> , 14, 597-601	4.1	153
145	Combined sparse and collaborative representation for hyperspectral target detection. <i>Pattern Recognition</i> , <b>2015</b> , 48, 3904-3916	7.7	136
144	Gabor-Filtering-Based Nearest Regularized Subspace for Hyperspectral Image Classification. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , <b>2014</b> , 7, 1012-1022	4.7	129
143	Joint Within-Class Collaborative Representation for Hyperspectral Image Classification. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , <b>2014</b> , 7, 2200-2208	4.7	127
142	ORSIm Detector: A Novel Object Detection Framework in Optical Remote Sensing Imagery Using Spatial-Frequency Channel Features. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2019</b> , 57, 5146-5158	8.1	118
141	DeepUNet: A Deep Fully Convolutional Network for Pixel-Level Sea-Land Segmentation. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , <b>2018</b> , 11, 3954-3962	4.7	115
140	Feature Extraction for Classification of Hyperspectral and LiDAR Data Using Patch-to-Patch CNN. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , 50, 100-111	10.2	108
139	Hyperspectral Image Classification Using Gaussian Mixture Models and Markov Random Fields. <i>IEEE Geoscience and Remote Sensing Letters</i> , <b>2014</b> , 11, 153-157	4.1	102

138	Remote Sensing Image Scene Classification Using Multi-Scale Completed Local Binary Patterns and Fisher Vectors. <i>Remote Sensing</i> , <b>2016</b> , 8, 483	5	98
137	Hyperspectral Anomaly Detection by Fractional Fourier Entropy. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , <b>2019</b> , 12, 4920-4929	4.7	92
136	Sparse and Low-Rank Graph for Discriminant Analysis of Hyperspectral Imagery. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2016</b> , 54, 4094-4105	8.1	86
135	Locality-Preserving Discriminant Analysis in Kernel-Induced Feature Spaces for Hyperspectral Image Classification. <i>IEEE Geoscience and Remote Sensing Letters</i> , <b>2011</b> , 8, 894-898	4.1	84
134	Data Augmentation for Hyperspectral Image Classification With Deep CNN. <i>IEEE Geoscience and Remote Sensing Letters</i> , <b>2019</b> , 16, 593-597	4.1	80
133	Collaborative-Representation-Based Nearest Neighbor Classifier for Hyperspectral Imagery. <i>IEEE Geoscience and Remote Sensing Letters</i> , <b>2015</b> , 12, 389-393	4.1	78
132	A survey on representation-based classification and detection in hyperspectral remote sensing imagery. <i>Pattern Recognition Letters</i> , <b>2016</b> , 83, 115-123	4.7	76
131	Joint Classification of Hyperspectral and LiDAR Data Using Hierarchical Random Walk and Deep CNN Architecture. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2020</b> , 58, 7355-7370	8.1	76
130	HSI-BERT: Hyperspectral Image Classification Using the Bidirectional Encoder Representation From Transformers. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2020</b> , 58, 165-178	8.1	75
129	R2 CNN: Rotational Region CNN for Arbitrarily-Oriented Scene Text Detection <b>2018</b> ,		69
128	SpatialSpectral Feature Extraction via Deep ConvLSTM Neural Networks for Hyperspectral Image Classification. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2020</b> , 58, 4237-4250	8.1	57
127	Hyperspectral Image Classification by Fusing Collaborative and Sparse Representations. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , <b>2016</b> , 9, 4178-4187	4.7	53
126	Hyperspectral Image Classification Using Weighted Joint Collaborative Representation. <i>IEEE Geoscience and Remote Sensing Letters</i> , <b>2015</b> , 12, 1209-1213	4.1	49
125	. <i>IEEE Geoscience and Remote Sensing Magazine</i> , <b>2018</b> , 6, 15-34	8.9	49
124	. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2014</b> , 52, 3399-3411	8.1	48
123	Low-Rank and Sparse Decomposition With Mixture of Gaussian for Hyperspectral Anomaly Detection. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , 51, 4363-4372	10.2	47
122	. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2016</b> , 54, 7066-7076	8.1	40
121	. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2012</b> , 50, 3474-3486	8.1	39

120	Hyperspectral Image Classification With Imbalanced Data Based on Orthogonal Complement Subspace Projection. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2018</b> , 56, 3838-3851	8.1	38
119	Medical Hyperspectral Image Classification Based on End-to-End Fusion Deep Neural Network. <i>IEEE Transactions on Instrumentation and Measurement</i> , <b>2019</b> , 68, 4481-4492	5.2	37
118	Prior-Based Tensor Approximation for Anomaly Detection in Hyperspectral Imagery. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2020</b> , PP,	10.3	34
117	Low-Rank and Sparse Representation for Hyperspectral Image Processing: A Review. <i>IEEE Geoscience and Remote Sensing Magazine</i> , <b>2021</b> , 2-35	8.9	34
116	. <i>IEEE Access</i> , <b>2018</b> , 6, 38656-38668	3.5	33
115	Robust Capsule Network Based on Maximum Correntropy Criterion for Hyperspectral Image Classification. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , <b>2020</b> , 13, 738-751	4.7	32
114	Infrared Small Target Detection Using Local and Nonlocal Spatial Information. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , <b>2019</b> , 12, 3677-3689	4.7	31
113	Deep Multilayer Fusion Dense Network for Hyperspectral Image Classification. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , <b>2020</b> , 13, 1258-1270	4.7	30
112	Cross-Scene Hyperspectral Image Classification With Discriminative Cooperative Alignment. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2021</b> , 1-15	8.1	29
111	Vehicle detection of multi-source remote sensing data using active fine-tuning network. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , <b>2020</b> , 167, 39-53	11.8	28
110	Accelerating Time-Domain SAR Raw Data Simulation for Large Areas Using Multi-GPUs. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , <b>2014</b> , 7, 3956-3966	4.7	27
109	Topological Structure and Semantic Information Transfer Network for Cross-Scene Hyperspectral Image Classification. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2021</b> , PP,	10.3	26
108	Information Fusion for Classification of Hyperspectral and LiDAR Data Using IP-CNN. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2021</b> , 1-12	8.1	26
107	. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2019</b> , 57, 7246-7261	8.1	25
106	3-D Convolution-Recurrent Networks for Spectral-Spatial Classification of Hyperspectral Images. <i>Remote Sensing</i> , <b>2019</b> , 11, 883	5	24
105	Ship Classification Based on Multifeature Ensemble with Convolutional Neural Network. <i>Remote Sensing</i> , <b>2019</b> , 11, 419	5	24
104	Discriminant Analysis of Hyperspectral Imagery Using Fast Kernel Sparse and Low-Rank Graph. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2017</b> , 55, 6085-6098	8.1	24
103	Infrared Small-Target Detection Based on Multiple Morphological Profiles. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2021</b> , 59, 6077-6091	8.1	24

102	Infrared Dim and Small Target Detection Based on Greedy Bilateral Factorization in Image Sequences. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , <b>2020</b> , 13, 3394-3408	4.7	23
101	Blood Cell Classification Based on Hyperspectral Imaging With Modulated Gabor and CNN. <i>IEEE Journal of Biomedical and Health Informatics</i> , <b>2020</b> , 24, 160-170	7.2	23
100	MsRi-CCF: Multi-Scale and Rotation-Insensitive Convolutional Channel Features for Geospatial Object Detection. <i>Remote Sensing</i> , <b>2018</b> , 10, 1990	5	23
99	Deep Cross-Domain Few-Shot Learning for Hyperspectral Image Classification. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2021</b> , 1-18	8.1	23
98	Classification of hyperspectral and LIDAR data using extinction profiles with feature fusion. <i>Remote Sensing Letters</i> , <b>2017</b> , 8, 957-966	2.3	22
97	HTD-Net: A Deep Convolutional Neural Network for Target Detection in Hyperspectral Imagery. <i>Remote Sensing</i> , <b>2020</b> , 12, 1489	5	22
96	A $\square$ CLNN: Spatial, Spectral and Multiscale Attention ConvLSTM Neural Network for Multisource Remote Sensing Data Classification. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2020</b> , PP,	10.3	21
95	Multipixel Anomaly Detection With Unknown Patterns for Hyperspectral Imagery. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2021</b> , PP,	10.3	21
94	Multiple features learning for ship classification in optical imagery. <i>Multimedia Tools and Applications</i> , <b>2018</b> , 77, 13363-13389	2.5	19
93	A General Gaussian Heatmap Label Assignment for Arbitrary-Oriented Object Detection.. <i>IEEE Transactions on Image Processing</i> , <b>2022</b> , PP,	8.7	19
92	LO-Det: Lightweight Oriented Object Detection in Remote Sensing Images. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2021</b> , 1-15	8.1	18
91	Hyperspectral and Multispectral Classification for Coastal Wetland Using Depthwise Feature Interaction Network. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2021</b> , 1-15	8.1	17
90	. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2021</b> , 1-16	8.1	17
89	Asymmetric Feature Fusion Network for Hyperspectral and SAR Image Classification.. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2022</b> , PP,	10.3	17
88	Wavelet-Domain Low-Rank/Group-Sparse Destriping for Hyperspectral Imagery. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2019</b> , 57, 10310-10321	8.1	16
87	Densely connected attentional pyramid residual network for human pose estimation. <i>Neurocomputing</i> , <b>2019</b> , 347, 13-23	5.4	16
86	Decision fusion for dual-window-based hyperspectral anomaly detector. <i>Journal of Applied Remote Sensing</i> , <b>2015</b> , 9, 097297	1.4	16
85	. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2020</b> , 58, 3148-3161	8.1	16

84	A Novel Spatiotemporal Saliency Method for Low-Altitude Slow Small Infrared Target Detection. <i>IEEE Geoscience and Remote Sensing Letters</i> , <b>2021</b> , 1-5	4.1	16
83	Central Attention Network for Hyperspectral Imagery Classification.. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2022</b> , PP,	10.3	16
82	AF2GNN: Graph convolution with adaptive filters and aggregator fusion for hyperspectral image classification. <i>Information Sciences</i> , <b>2022</b> , 602, 201-219	7.7	16
81	Hyperspectral and LiDAR Data Classification Using Kernel Collaborative Representation Based Residual Fusion. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , <b>2019</b> , 12, 1963-1973	4.7	14
80	Hyperspectral Image Restoration Using Adaptive Anisotropy Total Variation and Nuclear Norms. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2021</b> , 59, 1516-1533	8.1	14
79	A Two-stage Deep Domain Adaptation Method for Hyperspectral Image Classification. <i>Remote Sensing</i> , <b>2020</b> , 12, 1054	5	13
78	Weighted-Fusion-Based Representation Classifiers for Hyperspectral Imagery. <i>Remote Sensing</i> , <b>2015</b> , 7, 14806-14826	5	13
77	Deep Learning for Unmanned Aerial Vehicle-Based Object Detection and Tracking: A Survey. <i>IEEE Geoscience and Remote Sensing Magazine</i> , <b>2021</b> , 2-35	8.9	13
76	A Spectral Spatial Anomaly Target Detection Method Based on Fractional Fourier Transform and Saliency Weighted Collaborative Representation for Hyperspectral Images. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , <b>2020</b> , 13, 5982-5997	4.7	13
75	Marine Vision-Based Situational Awareness Using Discriminative Deep Learning: A Survey. <i>Journal of Marine Science and Engineering</i> , <b>2021</b> , 9, 397	2.4	13
74	Hyperspectral Change Detection Based on Multiple Morphological Profiles. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2021</b> , 1-12	8.1	13
73	Hyperspectral Restoration and Fusion With Multispectral Imagery via Low-Rank Tensor-Approximation. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2021</b> , 59, 7817-7830	8.1	13
72	Single-Frame Infrared Small-Target Detection: A Survey. <i>IEEE Geoscience and Remote Sensing Magazine</i> , <b>2022</b> , 2-34	8.9	13
71	A Deep Collaborative Computing Based SAR Raw Data Simulation on Multiple CPU/GPU Platform. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , <b>2017</b> , 10, 387-399	4.7	12
70	Physically Constrained Transfer Learning Through Shared Abundance Space for Hyperspectral Image Classification. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2021</b> , 1-18	8.1	12
69	Unsupervised Feature Extraction for Hyperspectral Imagery Using Collaboration-Competition Graph. <i>IEEE Journal on Selected Topics in Signal Processing</i> , <b>2018</b> , 12, 1491-1503	7.5	12
68	An Improved Low Rank and Sparse Matrix Decomposition-Based Anomaly Target Detection Algorithm for Hyperspectral Imagery. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , <b>2020</b> , 13, 2663-2672	4.7	11
67	Three-Order Tucker Decomposition and Reconstruction Detector for Unsupervised Hyperspectral Change Detection. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , <b>2021</b> , 14, 6194-6205	4.7	11

66	A Novel Nonlocal-Aware Pyramid and Multiscale Multitask Refinement Detector for Object Detection in Remote Sensing Images. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2021</b> , 1-20	8.1	10
65	A Multiscale Spectral Features Graph Fusion Method for Hyperspectral Band Selection. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2021</b> , 1-12	8.1	10
64	Adaptive Iterated Shrinkage Thresholding-Based Lp-Norm Sparse Representation for Hyperspectral Imagery Target Detection. <i>Remote Sensing</i> , <b>2020</b> , 12, 3991	5	9
63	Joint Classification of Hyperspectral and Multispectral Images for Mapping Coastal Wetlands. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , <b>2021</b> , 14, 982-996	4.7	9
62	Spectral Shift Mitigation for Cross-Scene Hyperspectral Imagery Classification. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , <b>2021</b> , 14, 6624-6638	4.7	9
61	Hyperspectral Image Super-resolution Using Generative Adversarial Network and Residual Learning <b>2019</b> ,		8
60	. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2019</b> , 57, 8954-8967	8.1	8
59	Collaborative classification of hyperspectral and visible images with convolutional neural network. <i>Journal of Applied Remote Sensing</i> , <b>2017</b> , 11, 1	1.4	8
58	Dual-Channel Residual Network for Hyperspectral Image Classification With Noisy Labels. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2021</b> , 1-11	8.1	8
57	Hyperspectral Image Classification With Multiattention Fusion Network. <i>IEEE Geoscience and Remote Sensing Letters</i> , <b>2021</b> , 1-5	4.1	8
56	Collaborative representation with background purification and saliency weight for hyperspectral anomaly detection. <i>Science China Information Sciences</i> , <b>2022</b> , 65, 1	3.4	8
55	Efficient Probabilistic Collaborative Representation-Based Classifier for Hyperspectral Image Classification. <i>IEEE Geoscience and Remote Sensing Letters</i> , <b>2019</b> , 16, 1746-1750	4.1	7
54	Multi-Branch Spatial-Temporal Network for Action Recognition. <i>IEEE Signal Processing Letters</i> , <b>2019</b> , 26, 1556-1560	3.2	7
53	Feature Extraction for Hyperspectral Images Using Local Contain Profile. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , <b>2019</b> , 12, 5035-5046	4.7	7
52	Fractional Gabor Convolutional Network for Multisource Remote Sensing Data Classification. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2021</b> , 1-18	8.1	7
51	Discriminant Tensor-Based Manifold Embedding for Medical Hyperspectral Imagery. <i>IEEE Journal of Biomedical and Health Informatics</i> , <b>2021</b> , 25, 3517-3528	7.2	7
50	Staged Detection and Identification Framework for Cell Nuclei in Histopathology Images. <i>IEEE Transactions on Instrumentation and Measurement</i> , <b>2020</b> , 69, 183-193	5.2	6
49	FPGA implementation of collaborative representation algorithm for real-time hyperspectral target detection. <i>Journal of Real-Time Image Processing</i> , <b>2018</b> , 15, 673-685	1.9	6



48	Graph-feature-enhanced Selective Assignment Network for Hyperspectral and Multispectral Data Classification. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2022</b> , 1-1	8.1	6
47	Parallel computation for blood cell classification in medical hyperspectral imagery. <i>Measurement Science and Technology</i> , <b>2016</b> , 27, 095102	2	5
46	LW-ODF: A Light-Weight Object Detection Framework for Optical Remote Sensing Imagery <b>2019</b> ,		5
45	Spectral-Spatial Anomaly Detection via Collaborative Representation Constraint Stacked Autoencoders for Hyperspectral Images. <i>IEEE Geoscience and Remote Sensing Letters</i> , <b>2021</b> , 1-5	4.1	5
44	Hyperspectral Anomaly Detection Based on Improved RPCA with Non-Convex Regularization. <i>Remote Sensing</i> , <b>2022</b> , 14, 1343	5	5
43	GPU implementation of RX detection using spectral derivative features. <i>Journal of Real-Time Image Processing</i> , <b>2018</b> , 15, 509-522	1.9	4
42	Guided Filter-Based Medical Hyperspectral Image Restoration and Cell Classification. <i>Journal of Medical Imaging and Health Informatics</i> , <b>2018</b> , 8, 826-835	1.2	4
41	Superpixelwise Collaborative-Representation Graph Embedding for Unsupervised Dimension Reduction in Hyperspectral Imagery. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , <b>2021</b> , 14, 4684-4698	4.7	4
40	. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , <b>2021</b> , 14, 1545-1557	4.7	4
39	Facet Derivative-Based Multidirectional Edge Awareness and Spatial-Temporal Tensor Model for Infrared Small Target Detection. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2021</b> , 1-15	8.1	4
38	Low-Rank and Sparse Decomposition on Contrast Map for Small Infrared Target Detection <b>2018</b> ,		4
37	Joint feature extraction for multi-source data using similar double-concentrated network. <i>Neurocomputing</i> , <b>2021</b> , 450, 70-79	5.4	4
36	Hyperspectral Target Detection Based on Weighted Cauchy Distance Graph and Local Adaptive Collaborative Representation. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2022</b> , 60, 1-13	8.1	4
35	Infrared Small-Target Detection Based on Three-Order Tensor Creation and Tucker Decomposition <b>2021</b> ,		3
34	Membranous nephropathy classification using microscopic hyperspectral imaging and tensor patch-based discriminative linear regression. <i>Biomedical Optics Express</i> , <b>2021</b> , 12, 2968-2978	3.5	3
33	Infrared Small Target Detection Based on Morphological Feature Extraction <b>2019</b> ,		3
32	Collaborative Classification of Hyperspectral and Lidar Data With Information Fusion and Deep Nets <b>2019</b> ,		3
31	CascadeNet: Modified ResNet with Cascade Blocks <b>2018</b> ,		3



30	Fusion Classification of HSI and MSI Using a Spatial-Spectral Vision Transformer for Wetland Biodiversity Estimation. <i>Remote Sensing</i> , <b>2022</b> , 14, 850	5	3
29	Confident Learning-Based Domain Adaptation for Hyperspectral Image Classification. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2022</b> , 1-1	8.1	3
28	Multi-Graph-based Low-Rank Tensor Approximation for Hyperspectral Image Restoration. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2022</b> , 1-1	8.1	3
27	CSR-Net: Camera Spectral Response Network for Dimensionality Reduction and Classification in Hyperspectral Imagery. <i>Remote Sensing</i> , <b>2020</b> , 12, 3294	5	2
26	Multi-GPU Implementation of Nearest-Regularized Subspace Classifier for Hyperspectral Image Classification. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , <b>2020</b> , 13, 3534-3544	4.7	2
25	Multisource Remote Sensing Data Classification Using Deep Hierarchical Random Walk Networks <b>2019</b> ,		2
24	Cell classification using convolutional neural networks in medical hyperspectral imagery <b>2017</b> ,		2
23	. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2021</b> , 59, 7803-7816	8.1	2
22	Modified Extinction Profiles for Hyperspectral Image Classification <b>2018</b> ,		2
21	Collaborative Classification of Hyperspectral and LIDAR Data Using Unsupervised Image-to-Image CNN <b>2018</b> ,		2
20	Infrared small-target detection via tensor construction and decomposition. <i>Remote Sensing Letters</i> , <b>2021</b> , 12, 900-909	2.3	2
19	Parallel and Distributed Computing for Anomaly Detection From Hyperspectral Remote Sensing Imagery. <i>Proceedings of the IEEE</i> , <b>2021</b> , 109, 1306-1319	14.3	2
18	Hyperspectral and Infrared Image Collaborative Classification Based on Morphology Feature Extraction. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , <b>2021</b> , 14, 4405-4416	4.7	2
17	Multisource Remote Sensing Classification for Coastal Wetland Using Feature Intersecting Learning. <i>IEEE Geoscience and Remote Sensing Letters</i> , <b>2022</b> , 19, 1-5	4.1	2
16	STTM-SFR: Spatial-Temporal Tensor Modeling with Saliency Filter Regularization for Infrared Small Target Detection. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2022</b> , 1-1	8.1	2
15	Hierarchical-Biased Random Walk for Urban Remote Sensing Image Segmentation. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , <b>2019</b> , 12, 1521-1533	4.7	1
14	Low-Slow-Small Target Tracking Using Relocalization Module. <i>IEEE Geoscience and Remote Sensing Letters</i> , <b>2020</b> , 1-5	4.1	1
13	Convolutional Neural Network for Coastal Wetland Classification in Hyperspectral Image <b>2020</b> ,		1

12	Membranous Nephropathy Identification Using Hyperspectral Microscopic Images. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 173-184	0.9	1
11	. <i>IEEE Geoscience and Remote Sensing Letters</i> , <b>2021</b> , 1-5	4.1	1
10	Chicken Image Segmentation via Multi-Scale Attention-Based Deep Convolutional Neural Network. <i>IEEE Access</i> , <b>2021</b> , 9, 61398-61407	3.5	1
9	Joint Feature Extraction for Multispectral and Panchromatic Images Based on Convolutional Neural Network <b>2018</b> ,		1
8	Spatial-Spectral Density Peaks-Based Discriminant Analysis for Membranous Nephropathy Classification Using Microscopic Hyperspectral Images. <i>IEEE Journal of Biomedical and Health Informatics</i> , <b>2021</b> , 25, 3041-3051	7.2	1
7	Hyperspectral target detection based on transform domain adaptive constrained energy minimization. <i>International Journal of Applied Earth Observation and Geoinformation</i> , <b>2021</b> , 103, 102461	7.3	1
6	Monitoring the Invasive Plant <i>Spartina alterniflora</i> in Jiangsu Coastal Wetland Using MRCNN and Long-Time Series Landsat Data. <i>Remote Sensing</i> , <b>2022</b> , 14, 2630	5	1
5	Collaborative Classification of Hyperspectral and LiDAR Data Based on Gram Matrices Constrained Fusion Net. <i>Lecture Notes in Electrical Engineering</i> , <b>2022</b> , 125-136	0.2	
4	Collaborative Classification for Woodland Data Using Similar Multi-concentrated Network. <i>Lecture Notes in Computer Science</i> , <b>2020</b> , 95-101	0.9	
3	Joint Classification of Hyperspectral and LiDAR Data Using Improved Local Contain Profile. <i>Lecture Notes in Electrical Engineering</i> , <b>2022</b> , 137-150	0.2	
2	Deep learning-based framework for the distinction of membranous nephropathy: a new approach through hyperspectral imagery. <i>BMC Nephrology</i> , <b>2021</b> , 22, 231	2.7	
1	Foreword to the Special Issue on Advances in Pattern Recognition in Remote Sensing. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , <b>2018</b> , 11, 3927-3930	4.7	