Danfeng Hong

List of Publications by Year
in descending order

153 papers	12,784 citations	31902 53 h-index	23472 111 g-index
154 all docs	154 docs citations	154 times ranked	4853 citing authors

#	Article	IF	Citations
1	Graph Convolutional Networks for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 5966-5978.	2.7	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.	2.7	781
3	Coupled Nonnegative Matrix Factorization Unmixing for Hyperspectral and Multispectral Data Fusion. IEEE Transactions on Geoscience and Remote Sensing, 2012, 50, 528-537.	2.7	776
4	An Augmented Linear Mixing Model to Address Spectral Variability for Hyperspectral Unmixing. IEEE Transactions on Image Processing, 2019, 28, 1923-1938.	6.0	643
5	Hyperspectral Pansharpening: A Review. IEEE Geoscience and Remote Sensing Magazine, 2015, 3, 27-46.	4.9	593
6	Advances in Hyperspectral Image and Signal Processing: A Comprehensive Overview of the State of the Art. IEEE Geoscience and Remote Sensing Magazine, 2017, 5, 37-78.	4.9	533
7	Hyperspectral and Multispectral Data Fusion: A comparative review of the recent literature. IEEE Geoscience and Remote Sensing Magazine, 2017, 5, 29-56.	4.9	461
8	SpectralFormer: Rethinking Hyperspectral Image Classification With Transformers. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-15.	2.7	414
9	Cascaded Recurrent Neural Networks for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 5384-5394.	2.7	394
10	Feature Extraction for Hyperspectral Imagery: The Evolution From Shallow to Deep: Overview and Toolbox. IEEE Geoscience and Remote Sensing Magazine, 2020, 8, 60-88.	4.9	373
11	Multisource and Multitemporal Data Fusion in Remote Sensing: A Comprehensive Review of the State of the Art. IEEE Geoscience and Remote Sensing Magazine, 2019, 7, 6-39.	4.9	302
12	Invariant Attribute Profiles: A Spatial-Frequency Joint Feature Extractor for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 3791-3808.	2.7	228
13	Learnable manifold alignment (LeMA): A semi-supervised cross-modality learning framework for land cover and land use classification. ISPRS Journal of Photogrammetry and Remote Sensing, 2019, 147, 193-205.	4.9	206
14	Classification of Hyperspectral and LiDAR Data Using Coupled CNNs. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 4939-4950.	2.7	204
15	Advanced Multi-Sensor Optical Remote Sensing for Urban Land Use and Land Cover Classification: Outcome of the 2018 IEEE GRSS Data Fusion Contest. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2019, 12, 1709-1724.	2.3	194
16	ORSIm Detector: A Novel Object Detection Framework in Optical Remote Sensing Imagery Using Spatial-Frequency Channel Features. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 5146-5158.	2.7	181
17	CoSpace: Common Subspace Learning From Hyperspectral-Multispectral Correspondences. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 4349-4359.	2.7	180
18	X-ModalNet: A semi-supervised deep cross-modal network for classification of remote sensing data. ISPRS Journal of Photogrammetry and Remote Sensing, 2020, 167, 12-23.	4.9	163

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19	Interpretable Hyperspectral Artificial Intelligence: When nonconvex modeling meets hyperspectral remote sensing. IEEE Geoscience and Remote Sensing Magazine, 2021, 9, 52-87.	4.9	157
20	Hyperspectral Super-Resolution of Locally Low Rank Images From Complementary Multisource Data. IEEE Transactions on Image Processing, 2016, 25, 274-288.	6.0	151
21	Hyperspectral Image Restoration Using Weighted Group Sparsity-Regularized Low-Rank Tensor Decomposition. IEEE Transactions on Cybernetics, 2020, 50, 3556-3570.	6.2	142
22	*StfNet*: A Two-Stream Convolutional Neural Network for Spatiotemporal Image Fusion. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 6552-6564.	2.7	134
23	Multimodal remote sensing benchmark datasets for land cover classification with a shared and specific feature learning model. ISPRS Journal of Photogrammetry and Remote Sensing, 2021, 178, 68-80.	4.9	128
24	Learning to propagate labels on graphs: An iterative multitask regression framework for semi-supervised hyperspectral dimensionality reduction. ISPRS Journal of Photogrammetry and Remote Sensing, 2019, 158, 35-49.	4.9	124
25	Hyperspectral Image Classification—Traditional to Deep Models: A Survey for Future Prospects. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 968-999.	2.3	123
26	Convolutional Neural Networks for Multimodal Remote Sensing Data Classification. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-10.	2.7	122
27	A novel hierarchical approach for multispectral palmprint recognition. Neurocomputing, 2015, 151, 511-521.	3.5	114
28	Spectral Superresolution of Multispectral Imagery With Joint Sparse and Low-Rank Learning. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 2269-2280.	2.7	114
29	Fourier-Based Rotation-Invariant Feature Boosting: An Efficient Framework for Geospatial Object Detection. IEEE Geoscience and Remote Sensing Letters, 2020, 17, 302-306.	1.4	110
30	Open Data for Global Multimodal Land Use Classification: Outcome of the 2017 IEEE GRSS Data Fusion Contest. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2018, 11, 1363-1377.	2.3	104
31	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.	2.7	103
32	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.	2.3	102
33	Multi-feature fusion: Graph neural network and CNN combining for hyperspectral image classification. Neurocomputing, 2022, 501, 246-257.	3.5	102
34	Deep Learning for Unmanned Aerial Vehicle-Based Object Detection and Tracking: A survey. IEEE Geoscience and Remote Sensing Magazine, 2022, 10, 91-124.	4.9	99
35	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.	7.2	98
36	IMG2DSM: Height Simulation From Single Imagery Using Conditional Generative Adversarial Net. IEEE Geoscience and Remote Sensing Letters, 2018, 15, 794-798.	1.4	90

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37	Hyperspectral Tree Species Classification of Japanese Complex Mixed Forest With the Aid of Lidar Data. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2015, 8, 2177-2187.	2.3	89
38	Learning a Robust Local Manifold Representation for Hyperspectral Dimensionality Reduction. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2017, 10, 2960-2975.	2.3	82
39	Object Detection Based on Sparse Representation and Hough Voting for Optical Remote Sensing Imagery. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2015, 8, 2053-2062.	2.3	80
40	Cross-Attention in Coupled Unmixing Nets for Unsupervised Hyperspectral Super-Resolution. Lecture Notes in Computer Science, 2020, , 208-224.	1.0	79
41	Nonlinear Unmixing of Hyperspectral Data Using Semi-Nonnegative Matrix Factorization. IEEE Transactions on Geoscience and Remote Sensing, 2014, 52, 1430-1437.	2.7	77
42	Remote Sensing Image Reconstruction Using Tensor Ring Completion and Total Variation. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 8998-9009.	2.7	77
43	Nonlocal Tensor-Ring Decomposition for Hyperspectral Image Denoising. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 1348-1362.	2.7	71
44	Joint and Progressive Subspace Analysis (JPSA) With Spatial–Spectral Manifold Alignment for Semisupervised Hyperspectral Dimensionality Reduction. IEEE Transactions on Cybernetics, 2021, 51, 3602-3615.	6.2	71
45	Multimodal GANs: Toward Crossmodal Hyperspectral–Multispectral Image Segmentation. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 5103-5113.	2.7	71
46	SULoRA: Subspace Unmixing With Low-Rank Attribute Embedding for Hyperspectral Data Analysis. IEEE Journal on Selected Topics in Signal Processing, 2018, 12, 1351-1363.	7.3	69
47	FCCDN: Feature constraint network for VHR image change detection. ISPRS Journal of Photogrammetry and Remote Sensing, 2022, 187, 101-119.	4.9	69
48	Non-local Meets Global: An Integrated Paradigm for Hyperspectral Image Restoration. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2020, PP, 1-1.	9.7	66
49	AF2GNN: Graph convolution with adaptive filters and aggregator fusion for hyperspectral image classification. Information Sciences, 2022, 602, 201-219.	4.0	65
50	CyCU-Net: Cycle-Consistency Unmixing Network by Learning Cascaded Autoencoders. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	2.7	59
51	Hyperspectral Image Classification With Canonical Correlation Forests. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 421-431.	2.7	58
52	MIMA: MAPPER-Induced Manifold Alignment for Semi-Supervised Fusion of Optical Image and Polarimetric SAR Data. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 9025-9040.	2.7	56
53	Deep Encoder–Decoder Networks for Classification of Hyperspectral and LiDAR Data. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	1.4	55
54	Learning Tensor Low-Rank Representation for Hyperspectral Anomaly Detection. IEEE Transactions on Cybernetics, 2023, 53, 679-691.	6.2	54

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55	Cross-Calibration for Data Fusion of EO-1/Hyperion and Terra/ASTER. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2013, 6, 419-426.	2.3	53
56	An Effective Frame Breaking Policy for Dynamic Framed Slotted Aloha in RFID. IEEE Communications Letters, 2016, 20, 692-695.	2.5	52
57	Graph Relation Network: Modeling Relations Between Scenes for Multilabel Remote-Sensing Image Classification and Retrieval. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 4355-4369.	2.7	52
58	Hyperspectral super-resolution via coupled tensor ring factorization. Pattern Recognition, 2022, 122, 108280.	5.1	51
59	Deep point embedding for urban classification using ALS point clouds: A new perspective from local to global. ISPRS Journal of Photogrammetry and Remote Sensing, 2020, 163, 62-81.	4.9	49
60	Vehicle detection of multi-source remote sensing data using active fine-tuning network. ISPRS Journal of Photogrammetry and Remote Sensing, 2020, 167, 39-53.	4.9	48
61	Learning Convolutional Sparse Coding on Complex Domain for Interferometric Phase Restoration. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 826-840.	7.2	48
62	<i>l</i>â‚€-<i>l</i>â‚•Hybrid Total Variation Regularization and its Applications on Hyperspectral Image Mixed Noise Removal and Compressed Sensing. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 7695-7710.	2.7	46
63	Guided Deep Decoder: Unsupervised Image Pair Fusion. Lecture Notes in Computer Science, 2020, , 87-102.	1.0	45
64	2018 IEEE GRSS Data Fusion Contest: Multimodal Land Use Classification [Technical Committees]. IEEE Geoscience and Remote Sensing Magazine, 2018, 6, 52-54.	4.9	44
65	Robust palmprint recognition based on the fast variation Veseâ€"Osher model. Neurocomputing, 2016, 174, 999-1012.	3.5	42
66	Deep Unsupervised Blind Hyperspectral and Multispectral Data Fusion. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	1.4	42
67	Learning-Shared Cross-Modality Representation Using Multispectral-LiDAR and Hyperspectral Data. IEEE Geoscience and Remote Sensing Letters, 2020, 17, 1470-1474.	1.4	41
68	Fusion of Hyperspectral and LiDAR Data With a Novel Ensemble Classifier. IEEE Geoscience and Remote Sensing Letters, 2018, 15, 957-961.	1.4	40
69	LASDU: A Large-Scale Aerial LiDAR Dataset for Semantic Labeling in Dense Urban Areas. ISPRS International Journal of Geo-Information, 2020, 9, 450.	1.4	40
70	Multimodal Hyperspectral Unmixing: Insights From Attention Networks. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	2.7	38
71	NonRegSRNet: A Nonrigid Registration Hyperspectral Super-Resolution Network. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-16.	2.7	36
72	Hyperspectral Anomaly Detection Using Deep Learning: A Review. Remote Sensing, 2022, 14, 1973.	1.8	36

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73	An Enhanced 3-D Discrete Wavelet Transform for Hyperspectral Image Classification. IEEE Geoscience and Remote Sensing Letters, 2021, 18, 1104-1108.	1.4	35
74	Multi-Scale Local Context Embedding for LiDAR Point Cloud Classification. IEEE Geoscience and Remote Sensing Letters, 2020, 17, 721-725.	1.4	33
75	TUM-MLS-2016: An Annotated Mobile LiDAR Dataset of the TUM City Campus for Semantic Point Cloud Interpretation in Urban Areas. Remote Sensing, 2020, 12, 1875.	1.8	33
76	Deep Half-Siamese Networks for Hyperspectral Unmixing. IEEE Geoscience and Remote Sensing Letters, 2021, 18, 1996-2000.	1.4	33
77	Sparsity-Enhanced Convolutional Decomposition: A Novel Tensor-Based Paradigm for Blind Hyperspectral Unmixing. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	2.7	32
78	Fast Hyperspectral Image Recovery of Dual-Camera Compressive Hyperspectral Imaging via Non-Iterative Subspace-Based Fusion. IEEE Transactions on Image Processing, 2021, 30, 7170-7183.	6.0	31
79	GraNet: Global relation-aware attentional network for semantic segmentation of ALS point clouds. ISPRS Journal of Photogrammetry and Remote Sensing, 2021, 177, 1-20.	4.9	30
80	MSTNet: A Multilevel Spectral–Spatial Transformer Network for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	2.7	30
81	MsRi-CCF: Multi-Scale and Rotation-Insensitive Convolutional Channel Features for Geospatial Object Detection. Remote Sensing, 2018, 10, 1990.	1.8	28
82	PanCSC-Net: A Model-Driven Deep Unfolding Method for Pansharpening. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	2.7	28
83	Hyperspectral, multispectral, and panchromatic data fusion based on coupled non-negative matrix factorization. , 2011, , .		27
84	Joint and Progressive Learning from High-Dimensional Data for Multi-label Classification. Lecture Notes in Computer Science, 2018, , 478-493.	1.0	27
85	Robust global registration of point clouds by closed-form solution in the frequency domain. ISPRS Journal of Photogrammetry and Remote Sensing, 2021, 171, 310-329.	4.9	26
86	A New RFID Anti–collision Algorithm Based on the Q–Ary Search Scheme. Chinese Journal of Electronics, 2015, 24, 679-683.	0.7	24
87	A Comparative Review of Manifold Learning Techniques for Hyperspectral and Polarimetric SAR Image Fusion. Remote Sensing, 2019, 11, 681.	1.8	24
88	AutoNAS: Automatic Neural Architecture Search for Hyperspectral Unmixing. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	2.7	24
89	Improved differential box counting with multi-scale and multi-direction: A new palmprint recognition method. Optik, 2014, 125, 4154-4160.	1.4	23
90	Q-Value Fine-Grained Adjustment Based RFID Anti-Collision Algorithm. IEICE Transactions on Communications, 2016, E99.B, 1593-1598.	0.4	21

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91	Unsupervised and Unregistered Hyperspectral Image Super-Resolution With Mutual Dirichlet-Net. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-18.	2.7	21
92	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.	1.4	21
93	An Efficient Anti-Collision Algorithm Based on Improved Collision Detection Scheme. IEICE Transactions on Communications, 2016, E99.B, 465-470.	0.4	19
94	Estimation of PMx Concentrations from Landsat 8 OLI Images Based on a Multilayer Perceptron Neural Network. Remote Sensing, 2019, 11, 646.	1.8	19
95	Multilayer Cascade Screening Strategy for Semi-Supervised Change Detection in Hyperspectral Images. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 1926-1940.	2.3	19
96	Hyperspectral and LiDAR Data Classification Using Joint CNNs and Morphological Feature Learning. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-16.	2.7	19
97	Multimodal, multitemporal, and multisource global data fusion for local climate zones classification based on ensemble learning. , 2017, , .		18
98	Illumination Invariant Hyperspectral Image Unmixing Based on a Digital Surface Model. IEEE Transactions on Image Processing, 2020, 29, 3652-3664.	6.0	18
99	Revisiting Deep Hyperspectral Feature Extraction Networks via Gradient Centralized Convolution. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-19.	2.7	18
100	Breaking Limits of Remote Sensing by Deep Learning From Simulated Data for Flood and Debris-Flow Mapping. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-15.	2.7	17
101	Synthesizing Optical and SAR Imagery From Land Cover Maps and Auxiliary Raster Data. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-12.	2.7	17
102	WU-Net: A Weakly-Supervised Unmixing Network for Remotely Sensed Hyperspectral Imagery. , 2019, , .		16
103	Temporal comparison of construction sites using photogrammetric point cloud sequences and robust phase correlation. Automation in Construction, 2020, 117, 103247.	4.8	16
104	An efficient sub-frame based tag identification algorithm for UHF RFID systems. , 2016, , .		15
105	Modality Translation in Remote Sensing Time Series. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	2.7	15
106	Learning from multimodal and multisensor earth observation dataset for improving estimates of mangrove soil organic carbon in Vietnam. International Journal of Remote Sensing, 2021, 42, 6866-6890.	1.3	14
107	An Iterative Regularization Method Based on Tensor Subspace Representation for Hyperspectral Image Super-Resolution. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-16.	2.7	14
108	PolSAR Image Classification Based on Robust Low-Rank Feature Extraction and Markov Random Field. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	1.4	13

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109	Lightweight Heterogeneous Kernel Convolution for Hyperspectral Image Classification With Noisy Labels. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	1.4	13
110	When Pansharpening Meets Graph Convolution Network and Knowledge Distillation. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-15.	2.7	13
111	Learning a low-coherence dictionary to address spectral variability for hyperspectral unmixing. , 2017, , .		12
112	Automated High-Resolution Earth Observation Image Interpretation: Outcome of the 2020 Gaofen Challenge. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 8922-8940.	2.3	11
113	Local manifold learning with robust neighbors selection for hyperspectral dimensionality reduction. , 2016, , .		10
114	Single-Look Multi-Master SAR Tomography: An Introduction. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 2132-2154.	2.7	10
115	Multisource Domain Transfer Learning Based on Spectral Projections for Hyperspectral Image Classification. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 3730-3739.	2.3	10
116	Blurred Palmprint Recognition Based on Stable-Feature Extraction Using a Vese–Osher Decomposition Model. PLoS ONE, 2014, 9, e101866.	1.1	9
117	A Unified Framework of Cloud Detection and Removal Based on Low-Rank and Group Sparse Regularizations for Multitemporal Multispectral Images. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-15.	2.7	9
118	Land surface temperature retrieval from Landsat 8 OLI/TIRS images based on back-propagation neural network. Indoor and Built Environment, 2021, 30, 22-38.	1.5	8
119	The Outcome of the 2021 IEEE GRSS Data Fusion Contest - Track DSE: Detection of Settlements Without Electricity. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 12375-12385.	2.3	8
120	Total Variation Regularized Weighted Tensor Ring Decomposition for Missing Data Recovery in High-Dimensional Optical Remote Sensing Images. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	1.4	7
121	Revisiting Graph Convolutional Networks with Mini-Batch Sampling for Hyperspectral Image Classification. , 2021, , .		7
122	Advanced Multisource Optical Remote Sensing for Urban Land Use and Land Cover Classification [Technical Committees]. IEEE Geoscience and Remote Sensing Magazine, 2018, 6, 85-89.	4.9	6
123	Graph-Induced Aligned Learning on Subspaces for Hyperspectral and Multispectral Data. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 4407-4418.	2.7	6
124	An Overview of Multimodal Remote Sensing Data Fusion: From Image to Feature, From Shallow to Deep. , 2021, , .		6
125	LW-ODF: A Light-Weight Object Detection Framework for Optical Remote Sensing Imagery. , 2019, , .		5
126	Hyper-Embedder: Learning a Deep Embedder for Self-Supervised Hyperspectral Dimensionality Reduction. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	1.4	5

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127	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.	1.8	5
128	Leveraging OpenStreetMap and Multimodal Remote Sensing Data with Joint Deep Learning for Wastewater Treatment Plants Detection. International Journal of Applied Earth Observation and Geoinformation, 2022, 110, 102804.	0.9	4
129	Hyperspectral Image Classification Based on Graph Transformer Network and Graph Attention Mechanism. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	1.4	4
130	The K-LLE algorithm for nonlinear dimensionality ruduction of large-scale hyperspectral data. , 2016, , .		3
131	The FrFT convolutional face: toward robust face recognition using the fractional Fourier transform and convolutional neural networks. Science China Information Sciences, 2020, 63, 1.	2.7	3
132	Dual-Stream High Resolution Network for Multi-Source Remote Sensing Image Segmentation. , 2021, , .		3
133	Beyond pixels: Learning from multimodal hyperspectral superpixels for land cover classification. Science China Technological Sciences, 2022, 65, 802-808.	2.0	3
134	A dual-stream high resolution network: Deep fusion of GF-2 and GF-3 data for land cover classification. International Journal of Applied Earth Observation and Geoinformation, 2022, 112, 102896.	0.9	3
135	A Weakly-Supervised Deep Network for DSM-Aided Vehicle Detection. , 2019, , .		2
136	SEMANTIC LABELING AND REFINEMENT OF LIDAR POINT CLOUDS USING DEEP NEURAL NETWORK IN URBAN AREAS. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, IV-2/W7, 63-70.	0.0	2
137	EvoNAS: Evolvable Neural Architecture Search for Hyperspectral Unmixing. , 2021, , .		2
138	Locally Linear Reconstruction for Spectral Enhancement Using Limited Pixel-to-Pixel Multispectral and Hyperspectral Data. , 2020, , .		2
139	Unsupervised Hyperspectral Embedding by Learning a Deep Regression Network. , 2020, , .		2
140	DML: Differ-Modality Learning for Building Semantic Segmentation. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	2.7	2
141	A palmprint recognition algorithm based on binary horizontal gradient orientation and local information intensity. , 2013, , .		1
142	A Topological Data Analysis Guided Fusion Algorithm: Mapper-Regularized Manifold Alignment. , 2019, , .		1
143	Fusion of Contour Feature and Edge Texture Information for Palmprint Recognition. Communications in Computer and Information Science, 2015, , 272-281.	0.4	0
144	Extraction of Multi-Scale Geometric Features for Point Cloud Classification. , 2019, , .		0

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145	A Unified Multimodal Deep Learning Framework For Remote Sensing Imagery Classification. , 2021, , .		0
146	Multimodal Convolutional Neural Networks with Cross-Channel Reconstruction. , 2021, , .		0
147	A real-time detection for traffic surveillance video shaking. , 0, , .		0
148	A Fast Robustness Palmprint Recognition Algorithm. Lecture Notes in Computer Science, 2014, , 311-318.	1.0	0
149	A Palmprint Recognition Algorithm Based on GIDBC. Lecture Notes in Computer Science, 2015, , 258-265.	1.0	0
150	Structural Feature Measurement Using Fast VO Model for Blurred Palmprint Recognition. Lecture Notes in Computer Science, 2015, , 266-274.	1.0	0
151	SPATIAL-SPECTRAL MANIFOLD EMBEDDING OF HYPERSPECTRAL DATA. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLIII-B3-2020, 423-428.	0.2	0
152	Learning Locality-Constrained Sparse Coding for Spectral Enhancement of Multispectral Imagery. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	1.4	0
153	PolSAR Scene Classification via Low-Rank Constrained Multimodal Tensor Representation. Remote Sensing, 2022, 14, 3117.	1.8	0