

# Danfeng Hong

## List of Publications by Year in descending order

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153  
papers

12,784  
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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.	6.3	974
2	More Diverse Means Better: Multimodal Deep Learning Meets Remote-Sensing Imagery Classification. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 4340-4354.	6.3	781
3	Coupled Nonnegative Matrix Factorization Unmixing for Hyperspectral and Multispectral Data Fusion. IEEE Transactions on Geoscience and Remote Sensing, 2012, 50, 528-537.	6.3	776
4	An Augmented Linear Mixing Model to Address Spectral Variability for Hyperspectral Unmixing. IEEE Transactions on Image Processing, 2019, 28, 1923-1938.	9.8	643
5	Hyperspectral Pansharpening: A Review. IEEE Geoscience and Remote Sensing Magazine, 2015, 3, 27-46.	9.6	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.	9.6	533
7	Hyperspectral and Multispectral Data Fusion: A comparative review of the recent literature. IEEE Geoscience and Remote Sensing Magazine, 2017, 5, 29-56.	9.6	461
8	SpectralFormer: Rethinking Hyperspectral Image Classification With Transformers. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-15.	6.3	414
9	Cascaded Recurrent Neural Networks for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 5384-5394.	6.3	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.	9.6	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.	9.6	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.	6.3	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.	11.1	206
14	Classification of Hyperspectral and LiDAR Data Using Coupled CNNs. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 4939-4950.	6.3	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.	4.9	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.	6.3	181
17	CoSpace: Common Subspace Learning From Hyperspectral-Multispectral Correspondences. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 4349-4359.	6.3	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.	11.1	163

#	ARTICLE	IF	CITATIONS
19	Interpretable Hyperspectral Artificial Intelligence: When nonconvex modeling meets hyperspectral remote sensing. IEEE Geoscience and Remote Sensing Magazine, 2021, 9, 52-87.	9.6	157
20	Hyperspectral Super-Resolution of Locally Low Rank Images From Complementary Multisource Data. IEEE Transactions on Image Processing, 2016, 25, 274-288.	9.8	151
21	Hyperspectral Image Restoration Using Weighted Group Sparsity-Regularized Low-Rank Tensor Decomposition. IEEE Transactions on Cybernetics, 2020, 50, 3556-3570.	9.5	142
22	StfNet: A Two-Stream Convolutional Neural Network for Spatiotemporal Image Fusion. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 6552-6564.	6.3	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.	11.1	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.	11.1	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.	4.9	123
26	Convolutional Neural Networks for Multimodal Remote Sensing Data Classification. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-10.	6.3	122
27	A novel hierarchical approach for multispectral palmprint recognition. Neurocomputing, 2015, 151, 511-521.	5.9	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.	6.3	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.	3.1	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.	4.9	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.	6.3	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.	4.9	102
33	Multi-feature fusion: Graph neural network and CNN combining for hyperspectral image classification. Neurocomputing, 2022, 501, 246-257.	5.9	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.	9.6	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.	11.3	98
36	IMG2DSM: Height Simulation From Single Imagery Using Conditional Generative Adversarial Net. IEEE Geoscience and Remote Sensing Letters, 2018, 15, 794-798.	3.1	90

#	ARTICLE	IF	CITATIONS
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.	4.9	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.	4.9	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.	4.9	80
40	Cross-Attention in Coupled Unmixing Nets for Unsupervised Hyperspectral Super-Resolution. Lecture Notes in Computer Science, 2020, , 208-224.	1.3	79
41	Nonlinear Unmixing of Hyperspectral Data Using Semi-Nonnegative Matrix Factorization. IEEE Transactions on Geoscience and Remote Sensing, 2014, 52, 1430-1437.	6.3	77
42	Remote Sensing Image Reconstruction Using Tensor Ring Completion and Total Variation. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 8998-9009.	6.3	77
43	Nonlocal Tensor-Ring Decomposition for Hyperspectral Image Denoising. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 1348-1362.	6.3	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.	9.5	71
45	Multimodal GANs: Toward Crossmodal Hyperspectral Multispectral Image Segmentation. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 5103-5113.	6.3	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.	10.8	69
47	FCCDN: Feature constraint network for VHR image change detection. ISPRS Journal of Photogrammetry and Remote Sensing, 2022, 187, 101-119.	11.1	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.	13.9	66
49	AF2GNN: Graph convolution with adaptive filters and aggregator fusion for hyperspectral image classification. Information Sciences, 2022, 602, 201-219.	6.9	65
50	CyCU-Net: Cycle-Consistency Unmixing Network by Learning Cascaded Autoencoders. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	6.3	59
51	Hyperspectral Image Classification With Canonical Correlation Forests. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 421-431.	6.3	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.	6.3	56
53	Deep Encoder-Decoder Networks for Classification of Hyperspectral and LiDAR Data. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	55
54	Learning Tensor Low-Rank Representation for Hyperspectral Anomaly Detection. IEEE Transactions on Cybernetics, 2023, 53, 679-691.	9.5	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.	4.9	53
56	An Effective Frame Breaking Policy for Dynamic Framed Slotted Aloha in RFID. IEEE Communications Letters, 2016, 20, 692-695.	4.1	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.	6.3	52
58	Hyperspectral super-resolution via coupled tensor ring factorization. Pattern Recognition, 2022, 122, 108280.	8.1	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.	11.1	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.	11.1	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.	11.3	48
62	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.	6.3	46
63	Guided Deep Decoder: Unsupervised Image Pair Fusion. Lecture Notes in Computer Science, 2020, , 87-102.	1.3	45
64	2018 IEEE GRSS Data Fusion Contest: Multimodal Land Use Classification [Technical Committees]. IEEE Geoscience and Remote Sensing Magazine, 2018, 6, 52-54.	9.6	44
65	Robust palmprint recognition based on the fast variation Vese-Osher model. Neurocomputing, 2016, 174, 999-1012.	5.9	42
66	Deep Unsupervised Blind Hyperspectral and Multispectral Data Fusion. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	42
67	Learning-Shared Cross-Modality Representation Using Multispectral-LiDAR and Hyperspectral Data. IEEE Geoscience and Remote Sensing Letters, 2020, 17, 1470-1474.	3.1	41
68	Fusion of Hyperspectral and LiDAR Data With a Novel Ensemble Classifier. IEEE Geoscience and Remote Sensing Letters, 2018, 15, 957-961.	3.1	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.	2.9	40
70	Multimodal Hyperspectral Unmixing: Insights From Attention Networks. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	6.3	38
71	NonRegSRNet: A Nonrigid Registration Hyperspectral Super-Resolution Network. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-16.	6.3	36
72	Hyperspectral Anomaly Detection Using Deep Learning: A Review. Remote Sensing, 2022, 14, 1973.	4.0	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.	3.1	35
74	Multi-Scale Local Context Embedding for LiDAR Point Cloud Classification. IEEE Geoscience and Remote Sensing Letters, 2020, 17, 721-725.	3.1	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.	4.0	33
76	Deep Half-Siamese Networks for Hyperspectral Unmixing. IEEE Geoscience and Remote Sensing Letters, 2021, 18, 1996-2000.	3.1	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.	6.3	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.	9.8	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.	11.1	30
80	MSTNet: A Multilevel Spectral-Spatial Transformer Network for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	6.3	30
81	MsRi-CCF: Multi-Scale and Rotation-Insensitive Convolutional Channel Features for Geospatial Object Detection. Remote Sensing, 2018, 10, 1990.	4.0	28
82	PanCSC-Net: A Model-Driven Deep Unfolding Method for Pansharpening. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	6.3	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.	1.3	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.	11.1	26
86	A New RFID Anti-Collision Algorithm Based on the Q-ary Search Scheme. Chinese Journal of Electronics, 2015, 24, 679-683.	1.5	24
87	A Comparative Review of Manifold Learning Techniques for Hyperspectral and Polarimetric SAR Image Fusion. Remote Sensing, 2019, 11, 681.	4.0	24
88	AutoNAS: Automatic Neural Architecture Search for Hyperspectral Unmixing. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	6.3	24
89	Improved differential box counting with multi-scale and multi-direction: A new palmprint recognition method. Optik, 2014, 125, 4154-4160.	2.9	23
90	Q-Value Fine-Grained Adjustment Based RFID Anti-Collision Algorithm. IEICE Transactions on Communications, 2016, E99.B, 1593-1598.	0.7	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.	6.3	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.	2.8	21
93	An Efficient Anti-Collision Algorithm Based on Improved Collision Detection Scheme. IEICE Transactions on Communications, 2016, E99.B, 465-470.	0.7	19
94	Estimation of PM <sub>x</sub> Concentrations from Landsat 8 OLI Images Based on a Multilayer Perceptron Neural Network. Remote Sensing, 2019, 11, 646.	4.0	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.	4.9	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.	6.3	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.	9.8	18
99	Revisiting Deep Hyperspectral Feature Extraction Networks via Gradient Centralized Convolution. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-19.	6.3	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.	6.3	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.	6.3	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.	9.8	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.	6.3	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.	2.9	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.	6.3	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.	3.1	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.	3.1	13
110	When Pansharpening Meets Graph Convolution Network and Knowledge Distillation. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-15.	6.3	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.	4.9	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.	6.3	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.	4.9	10
116	Blurred Palmprint Recognition Based on Stable-Feature Extraction Using a Veseâ€“Osher Decomposition Model. PLoS ONE, 2014, 9, e101866.	2.5	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.	6.3	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.	2.8	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.	4.9	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.	3.1	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.	9.6	6
123	Graph-Induced Aligned Learning on Subspaces for Hyperspectral and Multispectral Data. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 4407-4418.	6.3	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.	3.1	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. <i>Remote Sensing</i> , 2021, 13, 4194.	4.0	5
128	Leveraging OpenStreetMap and Multimodal Remote Sensing Data with Joint Deep Learning for Wastewater Treatment Plants Detection. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2022, 110, 102804.	1.9	4
129	Hyperspectral Image Classification Based on Graph Transformer Network and Graph Attention Mechanism. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2022, 19, 1-5.	3.1	4
130	The K-LLE algorithm for nonlinear dimensionality reduction 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. <i>Science China Information Sciences</i> , 2020, 63, 1.	4.3	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. <i>Science China Technological Sciences</i> , 2022, 65, 802-808.	4.0	3
134	A dual-stream high resolution network: Deep fusion of GF-2 and GF-3 data for land cover classification. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2022, 112, 102896.	1.9	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. <i>ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences</i> , 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. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-14.	6.3	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. <i>Communications in Computer and Information Science</i> , 2015, , 272-281.	0.5	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.	1.3	0
149	A Palmprint Recognition Algorithm Based on GIDBC. Lecture Notes in Computer Science, 2015, , 258-265.	1.3	0
150	Structural Feature Measurement Using Fast VO Model for Blurred Palmprint Recognition. Lecture Notes in Computer Science, 2015, , 266-274.	1.3	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.	3.1	0
153	PolSAR Scene Classification via Low-Rank Constrained Multimodal Tensor Representation. Remote Sensing, 2022, 14, 3117.	4.0	0