

# Fulin Luo

## List of Publications by Citations

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32  
papers

1,010  
citations

13  
h-index

31  
g-index

36  
ext. papers

1,173  
ext. citations

4.7  
avg, IF

5.34  
L-index

#	Paper	IF	Citations
32	Feature Learning Using Spatial-Spectral Hypergraph Discriminant Analysis for Hyperspectral Image. <i>IEEE Transactions on Cybernetics</i> , <b>2019</b> , 49, 2406-2419	10.2	207
31	Dimensionality Reduction With Enhanced Hybrid-Graph Discriminant Learning for Hyperspectral Image Classification. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2020</b> , 58, 5336-5353	8.1	133
30	Local Geometric Structure Feature for Dimensionality Reduction of Hyperspectral Imagery. <i>Remote Sensing</i> , <b>2017</b> , 9, 790	5	124
29	Sparse-Adaptive Hypergraph Discriminant Analysis for Hyperspectral Image Classification. <i>IEEE Geoscience and Remote Sensing Letters</i> , <b>2020</b> , 17, 1082-1086	4.1	97
28	Dimensionality Reduction of Hyperspectral Imagery Based on Spatial-Spectral Manifold Learning. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , 50, 2604-2616	10.2	78
27	Semisupervised Sparse Manifold Discriminative Analysis for Feature Extraction of Hyperspectral Images. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2016</b> , 54, 6197-6211	8.1	67
26	Dimensionality reduction and classification of hyperspectral image via multi-structure unified discriminative embedding. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2021</b> , 1-1	8.1	49
25	Dimensionality reduction of hyperspectral images based on sparse discriminant manifold embedding. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , <b>2015</b> , 106, 42-54	11.8	39
24	A High-Quality Photon-Counting CT Technique Based on Weight Adaptive Total-Variation and Image-Spectral Tensor Factorization for Small Animals Imaging. <i>IEEE Transactions on Instrumentation and Measurement</i> , <b>2021</b> , 70, 1-14	5.2	24
23	Spatial-Spectral Cube Matching Frame for Spectral CT Reconstruction. <i>Inverse Problems</i> , <b>2018</b> , 34,	2.3	22
22	Dimensionality Reduction of Hyperspectral Image Based on Local Constrained Manifold Structure Collaborative Preserving Embedding. <i>Remote Sensing</i> , <b>2021</b> , 13, 1363	5	20
21	Limited-Angle X-Ray CT Reconstruction Using Image Gradient $\ell_1$ Norm With Dictionary Learning. <i>IEEE Transactions on Radiation and Plasma Medical Sciences</i> , <b>2021</b> , 5, 78-87	4.2	20
20	Target Detection in Hyperspectral Imagery via Sparse and Dense Hybrid Representation. <i>IEEE Geoscience and Remote Sensing Letters</i> , <b>2020</b> , 17, 716-720	4.1	19
19	Feature Extraction Based Multi-Structure Manifold Embedding for Hyperspectral Remote Sensing Image Classification. <i>IEEE Access</i> , <b>2017</b> , 5, 25069-25080	3.5	13
18	Spatial-spectral local discriminant projection for dimensionality reduction of hyperspectral image. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , <b>2019</b> , 156, 77-93	11.8	11
17	Review on graph learning for dimensionality reduction of hyperspectral image. <i>Geo-Spatial Information Science</i> , <b>2020</b> , 23, 98-106	3.5	11
16	Fusion of Graph Embedding and Sparse Representation for Feature Extraction and Classification of Hyperspectral Imagery. <i>Photogrammetric Engineering and Remote Sensing</i> , <b>2017</b> , 83, 37-46	1.6	10

15	Learning Structurally Incoherent Background and Target Dictionaries for Hyperspectral Target Detection. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , <b>2020</b> , 13, 3521-3533	4.7	9
14	Local manifold sparse model for image classification. <i>Neurocomputing</i> , <b>2020</b> , 382, 162-173	5.4	8
13	An Adaptive Nonlocal Gaussian Prior for Hyperspectral Image Denoising. <i>IEEE Geoscience and Remote Sensing Letters</i> , <b>2019</b> , 16, 1487-1491	4.1	7
12	Sparse discriminant learning with $\bar{1}$ -graph for hyperspectral remote-sensing image classification. <i>International Journal of Remote Sensing</i> , <b>2015</b> , 36, 1307-1328	3.1	7
11	Dictionary learning based image-domain material decomposition for spectral CT. <i>Physics in Medicine and Biology</i> , <b>2020</b> , 65, 245006	3.8	7
10	Semisupervised Hypergraph Discriminant Learning for Dimensionality Reduction of Hyperspectral Image. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , <b>2020</b> , 13, 4242-4256	4.7	7
9	Adaptive Weighted Total Variation Minimization Based Alternating Direction Method of Multipliers for Limited Angle CT Reconstruction. <i>IEEE Access</i> , <b>2018</b> , 6, 64225-64236	3.5	7
8	Hyperspectral image compression based on simultaneous sparse representation and general-pixels. <i>Pattern Recognition Letters</i> , <b>2018</b> , 116, 65-71	4.7	7
7	Meta-Pixel-Driven Embeddable Discriminative Target and Background Dictionary Pair Learning for Hyperspectral Target Detection. <i>Remote Sensing</i> , <b>2022</b> , 14, 481	5	2
6	Discriminant Spatial-Spectral Hypergraph Learning for Hyperspectral Image Classification <b>2018</b> ,		2
5	The Chongqing University Chinese Ear Video Database and its application. <i>Pattern Recognition and Image Analysis</i> , <b>2016</b> , 26, 360-367	1	1
4	HYPERSPECTRAL IMAGE CLASSIFICATION USING LOCAL SPECTRAL ANGLE-BASED MANIFOLD LEARNING. <i>International Journal of Pattern Recognition and Artificial Intelligence</i> , <b>2014</b> , 28, 1450016	1.1	1
3	Dimensionality reduction of hyperspectral images with local geometric structure Fisher analysis <b>2016</b> ,		1
2	Sparse Manifold Preserving for Hyperspectral Image Classification. <i>Communications in Computer and Information Science</i> , <b>2014</b> , 210-218	0.3	
1	Classifying asteroid spectra by data-driven machine learning model <b>2022</b> , 29-66		