

# Fulin Luo

## List of Publications by Year in descending order

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36  
papers

1,439  
citations

471509

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h-index

501196

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all docs

36  
docs citations

36  
times ranked

1374  
citing authors

#	ARTICLE	IF	CITATIONS
1	Feature Learning Using Spatial-Spectral Hypergraph Discriminant Analysis for Hyperspectral Image. IEEE Transactions on Cybernetics, 2019, 49, 2406-2419.	9.5	254
2	Dimensionality Reduction With Enhanced Hybrid-Graph Discriminant Learning for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 5336-5353.	6.3	180
3	Local Geometric Structure Feature for Dimensionality Reduction of Hyperspectral Imagery. Remote Sensing, 2017, 9, 790.	4.0	136
4	Sparse-Adaptive Hypergraph Discriminant Analysis for Hyperspectral Image Classification. IEEE Geoscience and Remote Sensing Letters, 2020, 17, 1082-1086.	3.1	133
5	Dimensionality Reduction of Hyperspectral Imagery Based on Spatial-Spectral Manifold Learning. IEEE Transactions on Cybernetics, 2020, 50, 2604-2616.	9.5	124
6	Dimensionality Reduction and Classification of Hyperspectral Image via Multistructure Unified Discriminative Embedding. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-16.	6.3	106
7	Semisupervised Sparse Manifold Discriminative Analysis for Feature Extraction of Hyperspectral Images. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 6197-6211.	6.3	99
8	Dimensionality reduction of hyperspectral images based on sparse discriminant manifold embedding. ISPRS Journal of Photogrammetry and Remote Sensing, 2015, 106, 42-54.	11.1	47
9	Limited-Angle X-Ray CT Reconstruction Using Image Gradient $\ell_{1,2}$ -Norm With Dictionary Learning. IEEE Transactions on Radiation and Plasma Medical Sciences, 2021, 5, 78-87.	3.7	40
10	A High-Quality Photon-Counting CT Technique Based on Weight Adaptive Total-Variation and Image-Spectral Tensor Factorization for Small Animals Imaging. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-14.	4.7	36
11	Target Detection in Hyperspectral Imagery via Sparse and Dense Hybrid Representation. IEEE Geoscience and Remote Sensing Letters, 2020, 17, 716-720.	3.1	32
12	Spatial-spectral cube matching frame for spectral CT reconstruction. Inverse Problems, 2018, 34, 104003.	2.0	29
13	Dimensionality Reduction of Hyperspectral Image Based on Local Constrained Manifold Structure Collaborative Preserving Embedding. Remote Sensing, 2021, 13, 1363.	4.0	27
14	Learning Structurally Incoherent Background and Target Dictionaries for Hyperspectral Target Detection. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 3521-3533.	4.9	21
15	Review on graph learning for dimensionality reduction of hyperspectral image. Geo-Spatial Information Science, 2020, 23, 98-106.	5.3	21
16	Feature Extraction Based Multi-Structure Manifold Embedding for Hyperspectral Remote Sensing Image Classification. IEEE Access, 2017, 5, 25069-25080.	4.2	18
17	Spatial-spectral local discriminant projection for dimensionality reduction of hyperspectral image. ISPRS Journal of Photogrammetry and Remote Sensing, 2019, 156, 77-93.	11.1	17
18	Local manifold sparse model for image classification. Neurocomputing, 2020, 382, 162-173.	5.9	16

#	ARTICLE	IF	CITATIONS
19	Fusion of Graph Embedding and Sparse Representation for Feature Extraction and Classification of Hyperspectral Imagery. Photogrammetric Engineering and Remote Sensing, 2017, 83, 37-46.	0.6	15
20	Hyperspectral image compression based on simultaneous sparse representation and general-pixels. Pattern Recognition Letters, 2018, 116, 65-71.	4.2	14
21	Dictionary learning based image-domain material decomposition for spectral CT. Physics in Medicine and Biology, 2020, 65, 245006.	3.0	14
22	Adaptive Weighted Total Variation Minimization Based Alternating Direction Method of Multipliers for Limited Angle CT Reconstruction. IEEE Access, 2018, 6, 64225-64236.	4.2	13
23	Meta-Pixel-Driven Embeddable Discriminative Target and Background Dictionary Pair Learning for Hyperspectral Target Detection. Remote Sensing, 2022, 14, 481.	4.0	11
24	Semisupervised Hypergraph Discriminant Learning for Dimensionality Reduction of Hyperspectral Image. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 4242-4256.	4.9	10
25	An Adaptive Nonlocal Gaussian Prior for Hyperspectral Image Denoising. IEEE Geoscience and Remote Sensing Letters, 2019, 16, 1487-1491.	3.1	9
26	Sparse discriminant learning with $l_1$ -graph for hyperspectral remote-sensing image classification. International Journal of Remote Sensing, 2015, 36, 1307-1328.	2.9	7
27	Adversarial Fine-Grained Adaptation Network for Cross-Scene Classification. , 2021, , .		3
28	Dimensionality reduction of hyperspectral images with local geometric structure Fisher analysis. , 2016, , .		2
29	The Chongqing University Chinese Ear Video Database and its application. Pattern Recognition and Image Analysis, 2016, 26, 360-367.	1.0	2
30	Discriminant Spatial-Spectral Hypergraph Learning for Hyperspectral Image Classification. , 2018, , .		2
31	HYPERSPECTRAL IMAGE CLASSIFICATION USING LOCAL SPECTRAL ANGLE-BASED MANIFOLD LEARNING. International Journal of Pattern Recognition and Artificial Intelligence, 2014, 28, 1450016.	1.2	1
32	Sparse Manifold Preserving for Hyperspectral Image Classification. Communications in Computer and Information Science, 2014, , 210-218.	0.5	0
33	Classification of hyperspectral image via spatial-spectral manifold reconstruction. , 2016, , .		0
34	Local Structure Graph Discriminant Embedding for Hyperspectral Image Classification. , 2021, , .		0
35	Face recognition based on improved isometric feature mapping algorithm. Journal of Computer Applications, 2013, 33, 76-79.	0.1	0
36	Classifying asteroid spectra by data-driven machine learning model. , 2022, , 29-66.		0