Fulin Luo

List of Publications by Year in Descending Order

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	Meta-Pixel-Driven Embeddable Discriminative Target and Background Dictionary Pair Learning for Hyperspectral Target Detection. *Remote Sensing*, **2022**, 14, 481	5	2
31	Classifying asteroid spectra by data-driven machine learning model **2022**, 29-66		
30	Dimensionality reduction and classification of hyperspectral image via multi-structure unified discriminative embedding. *IEEE Transactions on Geoscience and Remote Sensing*, **2021**, 1-1	8.1	49
29	Dimensionality Reduction of Hyperspectral Image Based on Local Constrained Manifold Structure Collaborative Preserving Embedding. *Remote Sensing*, **2021**, 13, 1363	5	20
28	Limited-Angle X-Ray CT Reconstruction Using Image Gradient ℓ_0-Norm With Dictionary Learning. *IEEE Transactions on Radiation and Plasma Medical Sciences*, **2021**, 5, 78-87	4.2	20
27	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	5.2	24
26	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	4.7	9
25	Review on graph learning for dimensionality reduction of hyperspectral image. *Geo-Spatial Information Science*, **2020**, 23, 98-106	3.5	11
24	Dimensionality Reduction With Enhanced Hybrid-Graph Discriminant Learning for Hyperspectral Image Classification. *IEEE Transactions on Geoscience and Remote Sensing*, **2020**, 58, 5336-5353	8.1	133
23	Dictionary learning based image-domain material decomposition for spectral CT. *Physics in Medicine and Biology*, **2020**, 65, 245006	3.8	7
22	Local manifold sparse model for image classification. *Neurocomputing*, **2020**, 382, 162-173	5.4	8
21	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	4.7	7
20	Dimensionality Reduction of Hyperspectral Imagery Based on Spatial-Spectral Manifold Learning. *IEEE Transactions on Cybernetics*, **2020**, 50, 2604-2616	10.2	78
19	Sparse-Adaptive Hypergraph Discriminant Analysis for Hyperspectral Image Classification. *IEEE Geoscience and Remote Sensing Letters*, **2020**, 17, 1082-1086	4.1	97
18	Target Detection in Hyperspectral Imagery via Sparse and Dense Hybrid Representation. *IEEE Geoscience and Remote Sensing Letters*, **2020**, 17, 716-720	4.1	19
17	Spatial-spectral local discriminant projection for dimensionality reduction of hyperspectral image. *ISPRS Journal of Photogrammetry and Remote Sensing*, **2019**, 156, 77-93	11.8	11
16	An Adaptive Nonlocal Gaussian Prior for Hyperspectral Image Denoising. *IEEE Geoscience and Remote Sensing Letters*, **2019**, 16, 1487-1491	4.1	7

List of Publications

15	Feature Learning Using Spatial-Spectral Hypergraph Discriminant Analysis for Hyperspectral Image. *IEEE Transactions on Cybernetics*, **2019**, 49, 2406-2419	10.2	207
14	Spatial-Spectral Cube Matching Frame for Spectral CT Reconstruction. *Inverse Problems*, **2018**, 34,	2.3	22
13	Discriminant Spatial-Spectral Hypergraph Learning for Hyperspectral Image Classification **2018**,		2
12	Adaptive Weighted Total Variation Minimization Based Alternating Direction Method of Multipliers for Limited Angle CT Reconstruction. *IEEE Access*, **2018**, 6, 64225-64236	3.5	7
11	Hyperspectral image compression based on simultaneous sparse representation and general-pixels. *Pattern Recognition Letters*, **2018**, 116, 65-71	4.7	7
10	Fusion of Graph Embedding and Sparse Representation for Feature Extraction and Classification of Hyperspectral Imagery. *Photogrammetric Engineering and Remote Sensing*, **2017**, 83, 37-46	1.6	10
9	Feature Extraction Based Multi-Structure Manifold Embedding for Hyperspectral Remote Sensing Image Classification. *IEEE Access*, **2017**, 5, 25069-25080	3.5	13
8	Local Geometric Structure Feature for Dimensionality Reduction of Hyperspectral Imagery. *Remote Sensing*, **2017**, 9, 790	5	124
7	The Chongqing University ChineSe Ear Video Database and its application. *Pattern Recognition and Image Analysis*, **2016**, 26, 360-367	1	1
6	Dimensionality reduction of hyperspectral images with local geometric structure Fisher analysis **2016**,		1
5	Semisupervised Sparse Manifold Discriminative Analysis for Feature Extraction of Hyperspectral Images. *IEEE Transactions on Geoscience and Remote Sensing*, **2016**, 54, 6197-6211	8.1	67
4	Sparse discriminant learning with 1-graph for hyperspectral remote-sensing image classification. *International Journal of Remote Sensing*, **2015**, 36, 1307-1328	3.1	7
3	Dimensionality reduction of hyperspectral images based on sparse discriminant manifold embedding. *ISPRS Journal of Photogrammetry and Remote Sensing*, **2015**, 106, 42-54	11.8	39
2	HYPERSPECTRAL IMAGE CLASSIFICATION USING LOCAL SPECTRAL ANGLE-BASED MANIFOLD LEARNING. *International Journal of Pattern Recognition and Artificial Intelligence*, **2014**, 28, 1450016	1.1	1
1	Sparse Manifold Preserving for Hyperspectral Image Classification. *Communications in Computer and Information Science*, **2014**, 210-218	0.3	