

# Shuyuan Yang

## List of Publications by Year in descending order

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169  
papers

5,445  
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169  
docs citations

169  
times ranked

4812  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Survey of Deep Learning-Based Object Detection. IEEE Access, 2019, 7, 128837-128868.	4.2	779
2	Residual Spectral-Spatial Attention Network for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 449-462.	6.3	267
3	Image fusion based on a new contourlet packet. Information Fusion, 2010, 11, 78-84.	19.1	174
4	Deep Fully Convolutional Network-Based Spatial Distribution Prediction for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 5585-5599.	6.3	172
5	Single-Image Super-Resolution Reconstruction via Learned Geometric Dictionaries and Clustered Sparse Coding. IEEE Transactions on Image Processing, 2012, 21, 4016-4028.	9.8	164
6	Fully automatic multi-organ segmentation for head and neck cancer radiotherapy using shape representation model constrained fully convolutional neural networks. Medical Physics, 2018, 45, 4558-4567.	3.0	164
7	POL-SAR Image Classification Based on Wishart DBN and Local Spatial Information. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 3292-3308.	6.3	140
8	A Transfer Learning Approach for Early Diagnosis of Alzheimer's Disease on MRI Images. Neuroscience, 2021, 460, 43-52.	2.3	121
9	Superpixel-Based Multiple Local CNN for Panchromatic and Multispectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 4141-4156.	6.3	110
10	Spatial-Spectral-Graph-Regularized Low-Rank Tensor Decomposition for Multispectral and Hyperspectral Image Fusion. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2018, 11, 1030-1040.	4.9	105
11	Semi-Supervised Hyperspectral Image Classification Using Spatio-Spectral Laplacian Support Vector Machine. IEEE Geoscience and Remote Sensing Letters, 2014, 11, 651-655.	3.1	104
12	C-CNN: Contourlet Convolutional Neural Networks. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 2636-2649.	11.3	87
13	New Hierarchical Saliency Filtering for Fast Ship Detection in High-Resolution SAR Images. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 351-362.	6.3	82
14	Fusion of multispectral and panchromatic images based on support value transform and adaptive principal component analysis. Information Fusion, 2012, 13, 177-184.	19.1	81
15	Multispectral and Hyperspectral Image Fusion Based on Group Spectral Embedding and Low-Rank Factorization. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 1363-1371.	6.3	81
16	Local Restricted Convolutional Neural Network for Change Detection in Polarimetric SAR Images. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 818-833.	11.3	78
17	Transferred Deep Learning-Based Change Detection in Remote Sensing Images. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 6960-6973.	6.3	74
18	Global discriminative-based nonnegative spectral clustering. Pattern Recognition, 2016, 55, 172-182.	8.1	73

#	ARTICLE	IF	CITATIONS
19	Compressive Hyperspectral Imaging via Sparse Tensor and Nonlinear Compressed Sensing. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 5943-5957.	6.3	70
20	Multitask dictionary learning and sparse representation based single-image super-resolution reconstruction. Neurocomputing, 2011, 74, 3193-3203.	5.9	69
21	Fuzzy Double C-Means Clustering Based on Sparse Self-Representation. IEEE Transactions on Fuzzy Systems, 2018, 26, 612-626.	9.8	67
22	Deep Multiple Instance Learning-Based Spatial-Spectral Classification for PAN and MS Imagery. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 461-473.	6.3	62
23	New Generation Deep Learning for Video Object Detection: A Survey. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 3195-3215.	11.3	62
24	Feature selection based dual-graph sparse non-negative matrix factorization for local discriminative clustering. Neurocomputing, 2018, 290, 87-99.	5.9	61
25	Fusion of multispectral and panchromatic images via sparse representation and local autoregressive model. Information Fusion, 2014, 20, 73-87.	19.1	60
26	Dual-graph regularized non-negative matrix factorization with sparse and orthogonal constraints. Engineering Applications of Artificial Intelligence, 2018, 69, 24-35.	8.1	60
27	Robust Automated VHF Modulation Recognition Based on Deep Convolutional Neural Networks. IEEE Communications Letters, 2018, 22, 946-949.	4.1	58
28	Pan-sharpening via deep metric learning. ISPRS Journal of Photogrammetry and Remote Sensing, 2018, 145, 165-183.	11.1	55
29	Deep Multiscale Spectral-Spatial Feature Fusion for Hyperspectral Images Classification. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2018, 11, 2911-2924.	4.9	55
30	Shape constrained fully convolutional DenseNet with adversarial training for multiorgan segmentation on head and neck CT and low-field MR images. Medical Physics, 2019, 46, 2669-2682.	3.0	51
31	Hierarchical semantic model and scattering mechanism based PolSAR image classification. Pattern Recognition, 2016, 59, 325-342.	8.1	44
32	Semi-Supervised Graph Regularized Deep NMF With Bi-Orthogonal Constraints for Data Representation. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 3245-3258.	11.3	43
33	Hyperspectral Image Classification by Spatial-Spectral Derivative-Aided Kernel Joint Sparse Representation. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2015, 8, 2485-2500.	4.9	41
34	Learning Low-Rank Decomposition for Pan-Sharpener With Spatial-Spectral Offsets. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 3647-3657.	11.3	40
35	Convolution Structure Sparse Coding for Fusion of Panchromatic and Multispectral Images. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 1117-1130.	6.3	40
36	NAS-Guided Lightweight Multiscale Attention Fusion Network for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 8754-8767.	6.3	40

#	ARTICLE	IF	CITATIONS
37	Fusion of Panchromatic and Multispectral Images via Coupled Sparse Non-Negative Matrix Factorization. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2016, 9, 5740-5747.	4.9	37
38	Discriminative Spectral- $\epsilon$ -Spatial Margin-Based Semisupervised Dimensionality Reduction of Hyperspectral Data. IEEE Geoscience and Remote Sensing Letters, 2015, 12, 224-228.	3.1	35
39	Deep Sparse Tensor Filtering Network for Synthetic Aperture Radar Images Classification. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 3919-3924.	11.3	35
40	Sparse least square support vector machine via coupled compressive pruning. Neurocomputing, 2014, 131, 77-86.	5.9	34
41	Multi-Scale Image Block-Level F-CNN for Remote Sensing Images Object Detection. IEEE Access, 2019, 7, 43607-43621.	4.2	33
42	Semisupervised Feature Extraction With Neighborhood Constraints for Polarimetric SAR Classification. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2016, 9, 3001-3015.	4.9	32
43	Remote Sensing Image Super-Resolution Reconstruction Based on Nonlocal Pairwise Dictionaries and Double Regularization. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2014, 7, 4784-4792.	4.9	31
44	Dual-Geometric Neighbor Embedding for Image Super Resolution With Sparse Tensor. IEEE Transactions on Image Processing, 2014, 23, 2793-2803.	9.8	31
45	A Multi-kernel Joint Sparse Graph for SAR Image Segmentation. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2016, 9, 1265-1285.	4.9	31
46	Large Polarimetric SAR Data Semi-Supervised Classification With Spatial-Anchor Graph. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2016, 9, 1439-1458.	4.9	31
47	Polarimetric SAR Feature Extraction With Neighborhood Preservation-Based Deep Learning. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2017, 10, 1456-1466.	4.9	31
48	Self-channel-and-spatial-attention neural network for automated multi-organ segmentation on head and neck CT images. Physics in Medicine and Biology, 2020, 65, 245034.	3.0	31
49	SAR Image Segmentation Based on Hierarchical Visual Semantic and Adaptive Neighborhood Multinomial Latent Model. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 4287-4301.	6.3	30
50	Group Low-Rank Nonnegative Matrix Factorization With Semantic Regularizer for Hyperspectral Unmixing. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2018, 11, 1022-1029.	4.9	29
51	Data-Driven Compressive Sampling and Learning Sparse Coding for Hyperspectral Image Classification. IEEE Geoscience and Remote Sensing Letters, 2014, 11, 479-483.	3.1	28
52	Image Noise Reduction via Geometric Multiscale Ridgelet Support Vector Transform and Dictionary Learning. IEEE Transactions on Image Processing, 2013, 22, 4161-4169.	9.8	27
53	Joint sparse regularization based Sparse Semi-Supervised Extreme Learning Machine (S3ELM) for classification. Knowledge-Based Systems, 2015, 73, 149-160.	7.1	27
54	GAFnet: Group Attention Fusion Network for PAN and MS Image High-Resolution Classification. IEEE Transactions on Cybernetics, 2022, 52, 10556-10569.	9.5	27

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55	DPFL-Nets: Deep Pyramid Feature Learning Networks for Multiscale Change Detection. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 6402-6416.	11.3	26
56	Deep Multiview Union Learning Network for Multisource Image Classification. IEEE Transactions on Cybernetics, 2022, 52, 4534-4546.	9.5	26
57	Geometric Nonnegative Matrix Factorization (GNMF) for Hyperspectral Unmixing. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2015, 8, 2696-2703.	4.9	25
58	Self-Paced Learning-Based Probability Subspace Projection for Hyperspectral Image Classification. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 630-635.	11.3	25
59	Sparse learning based fuzzy c-means clustering. Knowledge-Based Systems, 2017, 119, 113-125.	7.1	24
60	Novel Super Resolution Restoration of Remote Sensing Images Based on Compressive Sensing and Example Patches-Aided Dictionary Learning. , 2011, , .		23
61	Semisupervised Dual-Geometric Subspace Projection for Dimensionality Reduction of Hyperspectral Image Data. IEEE Transactions on Geoscience and Remote Sensing, 2014, 52, 3587-3593.	6.3	23
62	Band selection and evaluation with spatial information. International Journal of Remote Sensing, 2016, 37, 4501-4520.	2.9	23
63	Pansharpening With Multiscale Geometric Support Tensor Machine. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 2503-2517.	6.3	23
64	Nonconvex Compressed Sensing by Nature-Inspired Optimization Algorithms. IEEE Transactions on Cybernetics, 2015, 45, 1042-1053.	9.5	22
65	SAR Images Change Detection Based on Spatial Coding and Nonlocal Similarity Pooling. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2016, 9, 3452-3466.	4.9	22
66	Learning Dual Geometric Low-Rank Structure for Semisupervised Hyperspectral Image Classification. IEEE Transactions on Cybernetics, 2021, 51, 346-358.	9.5	22
67	Adaptive Contourlet Fusion Clustering for SAR Image Change Detection. IEEE Transactions on Image Processing, 2022, 31, 2295-2308.	9.8	22
68	Saliency-guided change detection for SAR imagery using a semi-supervised Laplacian SVM. Remote Sensing Letters, 2016, 7, 1043-1052.	1.4	21
69	Cross Model Deep Learning Scheme for Automatic Modulation Classification. IEEE Access, 2020, 8, 78923-78931.	4.2	21
70	Semi-supervised low-rank representation graph for pattern recognition. IET Image Processing, 2013, 7, 131-136.	2.5	20
71	Novel Adaptive Component-Substitution-Based Pan-Sharpener Using Particle Swarm Optimization. IEEE Geoscience and Remote Sensing Letters, 2015, 12, 781-785.	3.1	20
72	Deep Fuzzy Graph Convolutional Networks for PolSAR Imagery Pixelwise Classification. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 504-514.	4.9	20

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73	Compressive feature and kernel sparse coding-based radar target recognition. IET Radar, Sonar and Navigation, 2013, 7, 755-763.	1.8	19
74	Semi-Supervised Tensorial Locally Linear Embedding for Feature Extraction Using PolSAR Data. IEEE Journal on Selected Topics in Signal Processing, 2018, 12, 1476-1490.	10.8	17
75	Terrain classification based on spatial multi-attribute graph using Polarimetric SAR data. Applied Soft Computing Journal, 2018, 68, 24-38.	7.2	16
76	A Novel Segmentation Based Depth Map Up-Sampling. IEEE Transactions on Multimedia, 2019, 21, 1-14.	7.2	16
77	Fast SAR Autofocus Based on Ensemble Convolutional Extreme Learning Machine. Remote Sensing, 2021, 13, 2683.	4.0	16
78	Automatic Graph Learning Convolutional Networks for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-16.	6.3	16
79	Fast Classification for Large Polarimetric SAR Data Based on Refined Spatial-Anchor Graph. IEEE Geoscience and Remote Sensing Letters, 2017, 14, 1589-1593.	3.1	15
80	Salient Region Detection via Discriminative Dictionary Learning and Joint Bayesian Inference. IEEE Transactions on Circuits and Systems for Video Technology, 2018, 28, 1116-1129.	8.3	15
81	Sparse Manifold-Regularized Neural Networks for Polarimetric SAR Terrain Classification. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 3007-3016.	11.3	15
82	New Contour Cue-Based Hybrid Sparse Learning for Salient Object Detection. IEEE Transactions on Cybernetics, 2021, 51, 4212-4226.	9.5	15
83	Selective Adversarial Adaptation-Based Cross-Scene Change Detection Framework in Remote Sensing Images. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 2188-2203.	6.3	15
84	Hyperspectral Image Classification Based on Relaxed Clustering Assumption and Spatial Laplace Regularizer. IEEE Geoscience and Remote Sensing Letters, 2014, 11, 901-905.	3.1	14
85	Sparse Robust Filters for scene classification of Synthetic Aperture Radar (SAR) images. Neurocomputing, 2016, 184, 91-98.	5.9	14
86	Fusion of Multispectral and Panchromatic Images via Spatial Weighted Neighbor Embedding. Remote Sensing, 2019, 11, 557.	4.0	14
87	One-Dimensional Deep Attention Convolution Network (ODACN) for Signals Classification. IEEE Access, 2020, 8, 2804-2812.	4.2	14
88	Online Active Extreme Learning Machine With Discrepancy Sampling for PolSAR Classification. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 2027-2041.	6.3	14
89	Refined Pan-Sharpener With NSCT and Hierarchical Sparse Autoencoder. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2016, 9, 5715-5725.	4.9	13
90	Dual-Collaborative Fusion Model for Multispectral and Panchromatic Image Fusion. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-15.	6.3	13

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91	Sparse Feature Clustering Network for Unsupervised SAR Image Change Detection. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	6.3	13
92	Polarimetric Multipath Convolutional Neural Network for PolSAR Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-18.	6.3	12
93	A novel quantum evolutionary algorithm and its application. , 0, , .		11
94	Hierarchical Sparse Learning with Spectral-Spatial Information for Hyperspectral Imagery Denoising. Sensors, 2016, 16, 1718.	3.8	11
95	Superpixel Tensor Sparse Coding for Structural Hyperspectral Image Classification. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2017, 10, 1632-1639.	4.9	11
96	Sparse tensor neighbor embedding based pan-sharpening via N-way block pursuit. Knowledge-Based Systems, 2018, 149, 18-33.	7.1	10
97	Mutual Learning Between Saliency and Similarity: Image Cosegmentation via Tree Structured Sparsity and Tree Graph Matching. IEEE Transactions on Image Processing, 2018, 27, 4690-4704.	9.8	10
98	Fast Semisupervised Classification Using Histogram-Based Density Estimation for Large-Scale Polarimetric SAR Data. IEEE Geoscience and Remote Sensing Letters, 2019, 16, 1844-1848.	3.1	10
99	Simple and Effective: Spatial Rescaling for Person Reidentification. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 145-156.	11.3	10
100	Graph Convolutional Neural Networks with Geometric and Discrimination information. Engineering Applications of Artificial Intelligence, 2021, 104, 104364.	8.1	10
101	Incremental Semi-Supervised classification of data streams via self-representative selection. Applied Soft Computing Journal, 2016, 47, 389-394.	7.2	9
102	Terrain classification with Polarimetric SAR based on Deep Sparse Filtering Network. , 2016, , .		9
103	A Pareto-Based Sparse Subspace Learning Framework. IEEE Transactions on Cybernetics, 2019, 49, 3859-3872.	9.5	9
104	Discriminative Sketch Topic Model With Structural Constraint for SAR Image Classification. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 5730-5745.	4.9	9
105	Deep geometric convolutional network for automatic modulation classification. Signal, Image and Video Processing, 2020, 14, 1199-1205.	2.7	9
106	Multiscale Curvelet Scattering Network. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 3665-3679.	11.3	9
107	A Joint Siamese Attention-Aware Network for Vehicle Object Tracking in Satellite Videos. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-17.	6.3	9
108	Compressive Sensing-Inspired Dual-Sparse SLFNN for Hyperspectral Imagery Classification. IEEE Geoscience and Remote Sensing Letters, 2014, 11, 220-224.	3.1	8

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109	A Novel Image Representation Framework Based on Gaussian Model and Evolutionary Optimization. IEEE Transactions on Evolutionary Computation, 2017, 21, 265-280.	10.0	8
110	Low bit rate SAR image coding based on adaptive multiscale Bandelets and cooperative decision. Signal Processing, 2009, 89, 1910-1920.	3.7	7
111	Improved Bandelet with heuristic evolutionary optimization for image compression. Engineering Applications of Artificial Intelligence, 2014, 31, 27-34.	8.1	7
112	New classifier based on compressed dictionary and LS-SVM. Neurocomputing, 2016, 216, 617-626.	5.9	7
113	Unsupervised polarimetric synthetic aperture radar image classification based on sketch map and adaptive Markov random field. Journal of Applied Remote Sensing, 2016, 10, 025008.	1.3	7
114	Sparse Spatio-Spectral LapSVM With Semisupervised Kernel Propagation for Hyperspectral Image Classification. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2017, 10, 2046-2054.	4.9	7
115	Color Correction and Depth-Based Hierarchical Hole Filling in Free Viewpoint Generation. IEEE Transactions on Broadcasting, 2019, 65, 294-307.	3.2	7
116	Collaborative Compressive Radar Imaging With Saliency Priors. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 1245-1255.	6.3	7
117	Very Low-Resolution Moving Vehicle Detection in Satellite Videos. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-17.	6.3	7
118	Hybrid Probabilistic Sparse Coding With Spatial Neighbor Tensor for Hyperspectral Imagery Classification. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 2491-2502.	6.3	6
119	Extreme Self-Paced Learning Machine for On-Orbit SAR Images Change Detection. IEEE Access, 2019, 7, 116413-116423.	4.2	6
120	Multi-task edge-recalibrated network for male pelvic multi-organ segmentation on CT images. Physics in Medicine and Biology, 2021, 66, 035001.	3.0	6
121	A Collaborative Learning Tracking Network for Remote Sensing Videos. IEEE Transactions on Cybernetics, 2023, 53, 1954-1967.	9.5	6
122	Fast ship detection of synthetic aperture radar images via multi-view features and clustering. , 2014, , .		5
123	Curvelet Support Value Filters (CSVFs) for image super-resolution. Neurocomputing, 2016, 211, 53-59.	5.9	5
124	The Overcomplete Dictionary-Based Directional Estimation Model and Nonconvex Reconstruction Methods. IEEE Transactions on Cybernetics, 2018, 48, 1042-1053.	9.5	5
125	Hyperspectral and Multispectral Image Fusion via Variational Tensor Subspace Decomposition. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	5
126	Smart pansharpening approach using kernel-based image filtering. IET Image Processing, 2021, 15, 2629-2642.	2.5	5



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127	Pansharpening based on convolutional autoencoder and multi-scale guided filter. Eurasip Journal on Image and Video Processing, 2021, 2021, .	2.6	5
128	A new directional multi-resolution ridgelet network. Frontiers of Electrical and Electronic Engineering in China: Selected Publications From Chinese Universities, 2008, 3, 198-203.	0.6	4
129	Pansharpening by exploiting sharpness of the spatial structure. International Journal of Remote Sensing, 2014, 35, 6662-6673.	2.9	4
130	Deep Gated Recurrent Unit Convolution Network for Radio Signal Recognition. , 2019, , .		4
131	Progressive neighbors pursuit for radar images classification. Applied Soft Computing Journal, 2021, 109, 107194.	7.2	4
132	Semi-Supervised Object Detection Framework with Object First Mixup for Remote Sensing Images. , 2021, , .		4
133	Multitask Learning and Sparse Representation Based Super-Resolution Reconstruction of Synthetic Aperture Radar Images. , 2011, , .		3
134	Fast semi-supervised classification based on parallel auction graph for polarimetric SAR data. , 2016, , .		3
135	Fuzzy Signature-Based Discriminative Subspace Projection for Hyperspectral Data Classification. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2016, 9, 4196-4202.	4.9	3
136	Semi-Coupled Convolutional Sparse Learning for Image Super-Resolution. Remote Sensing, 2019, 11, 2593.	4.0	3
137	Hyperspectral Image Classification via Slice Sparse Coding Tensor Based Classifier With Compressive Dimensionality Reduction. IEEE Access, 2020, 8, 145207-145215.	4.2	3
138	Deep Ensemble Siamese Network For Incremental Signal Classification. , 2021, , .		3
139	Knowledge distillation-based performance transferring for LSTM-RNN model acceleration. Signal, Image and Video Processing, 2022, 16, 1541-1548.	2.7	3
140	A Pansharpening Based on the Non-Subsampled Contourlet Transform and Convolutional Autoencoder: Application to QuickBird Imagery. IEEE Access, 2022, 10, 44778-44788.	4.2	3
141	Multiscale bandelet image compression. , 2007, , .		2
142	Speckle reduction of SAR image through dictionary learning and point target enhancing approaches. , 2011, , .		2
143	Cooperative Synthetic Aperture Radar Image Segmentation Using Learning Sparse Representation Based Clustering Scheme. , 2011, , .		2
144	Improving the Body Area Line-of-Sight Density Model: A Theoretical Study. International Journal of Antennas and Propagation, 2013, 2013, 1-4.	1.2	2

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145	Semi-supervised classification based on anchor-spatial graph for large polarimetric SAR data. , 2015, , .		2
146	Learning a Deep Representative Saliency Map With Sparse Tensors. IEEE Access, 2019, 7, 117861-117870.	4.2	2
147	Polarimetric SAR Data Classification via Reinforcement Learning. IEEE Access, 2019, 7, 137629-137637.	4.2	2
148	Deep Hash Assisted Network for Object Detection in Remote Sensing Images. IEEE Access, 2020, 8, 180370-180378.	4.2	2
149	Regularized Sparse Band Selection via Learned Pairwise Agreement. IEEE Access, 2020, 8, 40096-40105.	4.2	2
150	Faking Signals to Fool Deep Neural Networks in AMC via Few Data Points. IEEE Access, 2021, 9, 124425-124433.	4.2	2
151	A Beamforming Method in UWB pulse Array based on Neural Network. , 0, , .		1
152	Image fusion using a contourlet HMT model. , 2007, , .		1
153	Improvement of Bandelets in cost function and coding strategy for SAR image compression. , 2009, , .		1
154	High Resolution Radar Imaging Based on Compressed Sensing and Fast Bayesian Matching Pursuit. , 2011, , .		1
155	Compressive Direction-of-Arrival Estimation via Regularized Multiple Measurement FOCUSS algorithm. , 2014, , .		1
156	Unsupervised classification of polarimetric SAR images integrating color features. , 2014, , .		1
157	Hierarchical Sparse Bayesian Learning with Beta Process Priors for Hyperspectral Imagery Restoration. IEICE Transactions on Information and Systems, 2017, E100.D, 350-358.	0.7	1
158	Pansharpening With Joint Local Low Rank Decomposition and Hierarchical Geometric Filtering. IEEE Access, 2019, 7, 130578-130589.	4.2	1
159	Separable Attention Capsule Network for Signal Classification. IEEE Access, 2020, 8, 181744-181750.	4.2	1
160	Hyperspectral Image Super-Resolution Based on Tensor Spatial-Spectral Joint Correlation Regularization. IEEE Access, 2020, 8, 63654-63665.	4.2	1
161	Sparse flow adversarial model for robust image compression. Knowledge-Based Systems, 2021, 229, 107284.	7.1	1
162	A ridgelet kernel approach for regression using particle swarm optimization algorithm. , 0, , .		0

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163	Image fusion using a NSDFB-based contourlet packet. , 2007, , .		0
164	Single image super-resolution via learned representative features and sparse manifold embedding. , 2014, , .		0
165	Risks posed by obesity to body-surface narrowband wireless communication. Science Bulletin, 2014, 59, 3949-3954.	1.7	0
166	A commentary and correction on the article ‘‘Pansharpening by exploiting sharpness of the spatial structure’’. International Journal of Remote Sensing, 2016, 37, 1315-1318.	2.9	0
167	Co-learning saliency detection with coupled channels and low-rank factorization. Signal, Image and Video Processing, 2020, 14, 1479-1486.	2.7	0
168	Face Hallucination From New Perspective of Non-Linear Learning Compressed Sensing. IEEE Access, 2020, 8, 9434-9440.	4.2	0
169	Sparse Tensor Auto-Encoder for Saliency Detection. IEEE Access, 2020, 8, 2924-2930.	4.2	0