Shuyuan Yang

List of Publications by Year
in descending order

169 papers	5,445 citations	94433 37 h-index	95266 68 g-index
169 all docs	169 docs citations	169 times ranked	4812 citing authors

#	ARTICLE	IF	CITATIONS
1	Multiscale Curvelet Scattering Network. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 3665-3679.	11.3	9
2	A Collaborative Learning Tracking Network for Remote Sensing Videos. IEEE Transactions on Cybernetics, 2023, 53, 1954-1967.	9.5	6
3	Simple and Effective: Spatial Rescaling for Person Reidentification. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 145-156.	11.3	10
4	Polarimetric Multipath Convolutional Neural Network for PolSAR Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-18.	6.3	12
5	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
6	GAFnet: Group Attention Fusion Network for PAN and MS Image High-Resolution Classification. IEEE Transactions on Cybernetics, 2022, 52, 10556-10569.	9.5	27
7	Dual-Collaborative Fusion Model for Multispectral and Panchromatic Image Fusion. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-15.	6.3	13
8	Hyperspectral and Multispectral Image Fusion via Variational Tensor Subspace Decomposition. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	5
9	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
10	Deep Multiview Union Learning Network for Multisource Image Classification. IEEE Transactions on Cybernetics, 2022, 52, 4534-4546.	9.5	26
11	Automatic Graph Learning Convolutional Networks for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-16.	6.3	16
12	Knowledge distillation-based performance transferring for LSTM-RNN model acceleration. Signal, Image and Video Processing, 2022, 16, 1541-1548.	2.7	3
13	Adaptive Contourlet Fusion Clustering for SAR Image Change Detection. IEEE Transactions on Image Processing, 2022, 31, 2295-2308.	9.8	22
14	Sparse Feature Clustering Network for Unsupervised SAR Image Change Detection. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	6.3	13
15	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
16	Very Low-Resolution Moving Vehicle Detection in Satellite Videos. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-17.	6.3	7
17	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
18	New Contour Cue-Based Hybrid Sparse Learning for Salient Object Detection. IEEE Transactions on Cybernetics, 2021, 51, 4212-4226.	9.5	15

#	ARTICLE	IF	CITATIONS
19	Residual Spectral–Spatial Attention Network for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 449-462.	6.3	267
20	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
21	Learning Dual Geometric Low-Rank Structure for Semisupervised Hyperspectral Image Classification. IEEE Transactions on Cybernetics, 2021, 51, 346-358.	9.5	22
22	C-CNN: Contourlet Convolutional Neural Networks. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 2636-2649.	11.3	87
23	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
24	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
25	Faking Signals to Fool Deep Neural Networks in AMC via Few Data Points. IEEE Access, 2021, 9, 124425-124433.	4.2	2
26	A Transfer Learning Approach for Early Diagnosis of Alzheimer's Disease on MRI Images. Neuroscience, 2021, 460, 43-52.	2.3	121
27	Smart pansharpening approach using kernel–based image filtering. IET Image Processing, 2021, 15, 2629-2642.	2.5	5
28	Deep Ensemble Siamese Network For Incremental Signal Classification. , 2021, , .		3
29	Fast SAR Autofocus Based on Ensemble Convolutional Extreme Learning Machine. Remote Sensing, 2021, 13, 2683.	4.0	16
30	Pansharpening based on convolutional autoencoder and multi-scale guided filter. Eurasip Journal on Image and Video Processing, 2021, 2021, .	2.6	5
31	Progressive neighbors pursuit for radar images classification. Applied Soft Computing Journal, 2021, 109, 107194.	7.2	4
32	Graph Convolutional Neural Networks with Geometric and Discrimination information. Engineering Applications of Artificial Intelligence, 2021, 104, 104364.	8.1	10
33	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
34	Sparse flow adversarial model for robust image compression. Knowledge-Based Systems, 2021, 229, 107284.	7.1	1
35	Semi-Supervised Object Detection Framework with Object First Mixup for Remote Sensing Images. , 2021, , .		4
36	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

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37	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
38	One-Dimensional Deep Attention Convolution Network (ODACN) for Signals Classification. IEEE Access, 2020, 8, 2804-2812.	4.2	14
39	Co-learning saliency detection with coupled channels and low-rank factorization. Signal, Image and Video Processing, 2020, 14, 1479-1486.	2.7	0
40	Deep Hash Assisted Network for Object Detection in Remote Sensing Images. IEEE Access, 2020, 8, 180370-180378.	4.2	2
41	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
42	Hyperspectral Image Classification via Slice Sparse Coding Tensor Based Classifier With Compressive Dimensionality Reduction. IEEE Access, 2020, 8, 145207-145215.	4.2	3
43	Separable Attention Capsule Network for Signal Classification. IEEE Access, 2020, 8, 181744-181750.	4.2	1
44	Cross Model Deep Learning Scheme for Automatic Modulation Classification. IEEE Access, 2020, 8, 78923-78931.	4.2	21
45	Hyperspectral Image Super-Resolution Based on Tensor Spatial-Spectral Joint Correlation Regularization. IEEE Access, 2020, 8, 63654-63665.	4.2	1
46	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
47	Regularized Sparse Band Selection via Learned Pairwise Agreement. IEEE Access, 2020, 8, 40096-40105.	4.2	2
48	Deep geometric convolutional network for automatic modulation classification. Signal, Image and Video Processing, 2020, 14, 1199-1205.	2.7	9
49	Face Hallucination From New Perspective of Non-Linear Learning Compressed Sensing. IEEE Access, 2020, 8, 9434-9440.	4.2	0
50	Sparse Tensor Auto-Encoder for Saliency Detection. IEEE Access, 2020, 8, 2924-2930.	4.2	0
51	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
52	A Novel Segmentation Based Depth Map Up-Sampling. IEEE Transactions on Multimedia, 2019, 21, 1-14.	7.2	16
53	A Pareto-Based Sparse Subspace Learning Framework. IEEE Transactions on Cybernetics, 2019, 49, 3859-3872.	9.5	9
54	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

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55	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
56	Learning a Deep Representative Saliency Map With Sparse Tensors. IEEE Access, 2019, 7, 117861-117870.	4.2	2
57	Extreme Self-Paced Learning Machine for On-Orbit SAR Images Change Detection. IEEE Access, 2019, 7, 116413-116423.	4.2	6
58	A Survey of Deep Learning-Based Object Detection. IEEE Access, 2019, 7, 128837-128868.	4.2	779
59	Pansharpening With Joint Local Low Rank Decomposition and Hierarchical Geometric Filtering. IEEE Access, 2019, 7, 130578-130589.	4.2	1
60	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
61	Color Correction and Depth-Based Hierarchical Hole Filling in Free Viewpoint Generation. IEEE Transactions on Broadcasting, 2019, 65, 294-307.	3.2	7
62	Shape constrained fully convolutional DenseNet with adversarial training for multiorgan segmentation on head and neck <scp>CT</scp> and low‐field <scp>MR</scp> images. Medical Physics, 2019, 46, 2669-2682.	3.0	51
63	Transferred Deep Learning-Based Change Detection in Remote Sensing Images. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 6960-6973.	6.3	74
64	Fusion of Multispectral and Panchromatic Images via Spatial Weighted Neighbor Embedding. Remote Sensing, 2019, 11, 557.	4.0	14
65	Multi-Scale Image Block-Level F-CNN for Remote Sensing Images Object Detection. IEEE Access, 2019, 7, 43607-43621.	4.2	33
66	Collaborative Compressive Radar Imaging With Saliency Priors. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 1245-1255.	6.3	7
67	Semi-Coupled Convolutional Sparse Learning for Image Super-Resolution. Remote Sensing, 2019, 11, 2593.	4.0	3
68	Deep Gated Recurrent Unit Convolution Network for Radio Signal Recognition. , 2019, , .		4
69	Polarimetric SAR Data Classification via Reinforcement Learning. IEEE Access, 2019, 7, 137629-137637.	4.2	2
70	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
71	Pan-sharpening via deep metric learning. ISPRS Journal of Photogrammetry and Remote Sensing, 2018, 145, 165-183.	11.1	55
72	Feature selection based dual-graph sparse non-negative matrix factorization for local discriminative clustering. Neurocomputing, 2018, 290, 87-99.	5.9	61

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73	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
74	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
75	Robust Automated VHF Modulation Recognition Based on Deep Convolutional Neural Networks. IEEE Communications Letters, 2018, 22, 946-949.	4.1	58
76	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
77	Dual-graph regularized non-negative matrix factorization with sparse and orthogonal constraints. Engineering Applications of Artificial Intelligence, 2018, 69, 24-35.	8.1	60
78	Pansharpening With Multiscale Geometric Support Tensor Machine. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 2503-2517.	6.3	23
79	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
80	Sparse tensor neighbor embedding based pan-sharpening via N-way block pursuit. Knowledge-Based Systems, 2018, 149, 18-33.	7.1	10
81	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
82	Terrain classification based on spatial multi-attribute graph using Polarimetric SAR data. Applied Soft Computing Journal, 2018, 68, 24-38.	7.2	16
83	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
84	Fuzzy Double C-Means Clustering Based on Sparse Self-Representation. IEEE Transactions on Fuzzy Systems, 2018, 26, 612-626.	9.8	67
85	The Overcomplete Dictionary-Based Directional Estimation Model and Nonconvex Reconstruction Methods. IEEE Transactions on Cybernetics, 2018, 48, 1042-1053.	9.5	5
86	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
87	Learning Low-Rank Decomposition for Pan-Sharpening With Spatial-Spectral Offsets. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 3647-3657.	11.3	40
88	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
89	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
90	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

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91	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
92	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
93	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
94	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
95	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
96	Sparse learning based fuzzy c-means clustering. Knowledge-Based Systems, 2017, 119, 113-125.	7.1	24
97	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
98	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
99	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
100	A Novel Image Representation Framework Based on Gaussian Model and Evolutionary Optimization. IEEE Transactions on Evolutionary Computation, 2017, 21, 265-280.	10.0	8
101	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
102	Hierarchical Sparse Learning with Spectral-Spatial Information for Hyperspectral Imagery Denoising. Sensors, 2016, 16, 1718.	3.8	11
103	Refined Pan-Sharpening 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
104	Fast semi-supervised classification based on parallel auction graph for polarimetric SAR data. , 2016, , .		3
105	Sparse Robust Filters for scene classification of Synthetic Aperture Radar (SAR) images. Neurocomputing, 2016, 184, 91-98.	5.9	14
106	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
107	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
108	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

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109	Incremental Semi-Supervised classification of data streams via self-representative selection. Applied Soft Computing Journal, 2016, 47, 389-394.	7.2	9
110	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
111	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
112	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
113	Saliency-guided change detection for SAR imagery using a semi-supervised Laplacian SVM. Remote Sensing Letters, 2016, 7, 1043-1052.	1.4	21
114	Curvelet Support Value Filters (CSVFs) for image super-resolution. Neurocomputing, 2016, 211, 53-59.	5.9	5
115	Band selection and evaluation with spatial information. International Journal of Remote Sensing, 2016, 37, 4501-4520.	2.9	23
116	New classifier based on compressed dictionary and LS-SVM. Neurocomputing, 2016, 216, 617-626.	5.9	7
117	Terrain classification with Polarimetric SAR based on Deep Sparse Filtering Network. , 2016, , .		9
118	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
119	Hierarchical semantic model and scattering mechanism based PolSAR image classification. Pattern Recognition, 2016, 59, 325-342.	8.1	44
120	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
121	Global discriminative-based nonnegative spectral clustering. Pattern Recognition, 2016, 55, 172-182.	8.1	73
122	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
123	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
124	Semi-supervised classification based on anchor-spatial graph for large polarimetric SAR data. , 2015, , .		2
125	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
126	Compressive Hyperspectral Imaging via Sparse Tensor and Nonlinear Compressed Sensing. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 5943-5957.	6.3	70

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127	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
128	Novel Adaptive Component-Substitution-Based Pan-Sharpening Using Particle Swarm Optimization. IEEE Geoscience and Remote Sensing Letters, 2015, 12, 781-785.	3.1	20
129	Joint sparse regularization based Sparse Semi-Supervised Extreme Learning Machine (S3ELM) for classification. Knowledge-Based Systems, 2015, 73, 149-160.	7.1	27
130	Discriminative Spectralâ€"Spatial Margin-Based Semisupervised Dimensionality Reduction of Hyperspectral Data. IEEE Geoscience and Remote Sensing Letters, 2015, 12, 224-228.	3.1	35
131	Nonconvex Compressed Sensing by Nature-Inspired Optimization Algorithms. IEEE Transactions on Cybernetics, 2015, 45, 1042-1053.	9.5	22
132	Single image super-resolution via learned representative features and sparse manifold embedding. , 2014, , .		0
133	Risks posed by obesity to body-surface narrowband wireless communication. Science Bulletin, 2014, 59, 3949-3954.	1.7	0
134	Fast ship detection of synthetic aperture radar images via multi-view features and clustering. , 2014, , .		5
135	Compressive Direction-of-Arrival Estimation via Regularized Multiple Measurement FOCUSS algorithm. , 2014, , .		1
136	Unsupervised classification of polarimetric SAR images integrating color features. , 2014, , .		1
137	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
138	Sparse least square support vector machine via coupled compressive pruning. Neurocomputing, 2014, 131, 77-86.	5.9	34
139	Compressive Sensing-Inspired Dual-Sparse SLFNN for Hyperspectral Imagery Classification. IEEE Geoscience and Remote Sensing Letters, 2014, 11, 220-224.	3.1	8
140	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
141	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
142	Pansharpening by exploiting sharpness of the spatial structure. International Journal of Remote Sensing, 2014, 35, 6662-6673.	2.9	4
143	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
144	Dual-Geometric Neighbor Embedding for Image Super Resolution With Sparse Tensor. IEEE Transactions on Image Processing, 2014, 23, 2793-2803.	9.8	31

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145	Improved Bandelet with heuristic evolutionary optimization for image compression. Engineering Applications of Artificial Intelligence, 2014, 31, 27-34.	8.1	7
146	Fusion of multispectral and panchromatic images via sparse representation and local autoregressive model. Information Fusion, 2014, 20, 73-87.	19.1	60
147	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
148	Compressive feature and kernel sparse coding—based radar target recognition. IET Radar, Sonar and Navigation, 2013, 7, 755-763.	1.8	19
149	Semi—supervised low—rank representation graph for pattern recognition. IET Image Processing, 2013, 7, 131-136.	2.5	20
150	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
151	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
152	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
153	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
154	Multitask Learning and Sparse Representation Based Super-Resolution Reconstruction of Synthetic Aperture Radar Images. , 2011, , .		3
155	Speckle reduction of SAR image through dictionary learning and point target enhancing approaches. , 2011, , .		2
156	High Resolution Radar Imaging Based on Compressed Sensing and Fast Bayesian Matching Pursuit. , 2011, , .		1
157	Cooperative Synthetic Aperture Radar Image Segmentation Using Learning Sparse Representation Based Clustering Scheme. , 2011, , .		2
158	Novel Super Resolution Restoration of Remote Sensing Images Based on Compressive Sensing and Example Patches-Aided Dictionary Learning. , 2011, , .		23
159	Multitask dictionary learning and sparse representation based single-image super-resolution reconstruction. Neurocomputing, 2011, 74, 3193-3203.	5.9	69
160	Image fusion based on a new contourlet packet. Information Fusion, 2010, 11, 78-84.	19.1	174
161	Low bit rate SAR image coding based on adaptive multiscale Bandelets and cooperative decision. Signal Processing, 2009, 89, 1910-1920.	3.7	7
162	Improvement of Bandelets in cost function and coding strategy for SAR image compression. , 2009, , .		1

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163	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
164	Image fusion using a contourlet HMT model. , 2007, , .		1
165	Multiscale bandelet image compression. , 2007, , .		2
166	Image fusion using a NSDFB-based contourlet packet. , 2007, , .		0
167	A novel quantum evolutionary algorithm and its application. , 0, , .		11
168	A Beamforming Method in UWB pulse Array based on Neural Network. , 0, , .		1
169	A ridgelet kernel approach for regression using particle swarm optimization algorithm. , 0, , .		0