

Yuan Yuan

List of Publications by Year in descending order

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Version: 2024-02-01

127
papers

6,723
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76031

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127
all docs

127
docs citations

127
times ranked

6629
citing authors

#	ARTICLE	IF	CITATIONS
1	Style Transformation-Based Spatial-Spectral Feature Learning for Unsupervised Change Detection. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-15.	2.7	18
2	Disentangled Representation Learning for Cross-Modal Biometric Matching. IEEE Transactions on Multimedia, 2022, 24, 1763-1774.	5.2	19
3	A Novel NMF Guided for Hyperspectral Unmixing From Incomplete and Noisy Data. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-15.	2.7	8
4	Partial-DNet: A Novel Blind Denoising Model With Noise Intensity Estimation for HSI. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	2.7	10
5	Semantics-Consistent Representation Learning for Remote Sensing Image-Voice Retrieval. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	2.7	33
6	Hyperspectral Unmixing Using Nonlocal Similarity-Regularized Low-Rank Tensor Factorization. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	2.7	10
7	Adaptive Relationship Preserving Sparse NMF for Hyperspectral Unmixing. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-16.	2.7	11
8	OLCN: An Optimized Low Coupling Network for Small Objects Detection. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	1.4	7
9	A New Multiscale Residual Learning Network for HSI Inconsistent Noise Removal. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	1.4	2
10	Hyperspectral Imagery Classification via Random Multigraphs Ensemble Learning. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 641-653.	2.3	8
11	ABNet: Adaptive Balanced Network for Multiscale Object Detection in Remote Sensing Imagery. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	2.7	59
12	Locate Where You Are by Block Joint Learning Network. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	1.4	3
13	Reweighted Low-Rank and Joint-Sparse Unmixing With Library Pruning. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-16.	2.7	3
14	ACP: Adaptive Channel Pruning for Efficient Neural Networks. , 2022, , .		3
15	Single-Shot Balanced Detector for Geospatial Object Detection. , 2022, , .		10
16	Hybrid Feature Aligned Network for Salient Object Detection in Optical Remote Sensing Imagery. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-15.	2.7	20
17	Sparse Unmixing Based on Adaptive Loss Minimization. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	2.7	2
18	Sparse Constrained Low Tensor Rank Representation Framework for Hyperspectral Unmixing. Remote Sensing, 2021, 13, 1473.	1.8	8

#	ARTICLE	IF	CITATIONS
19	Task-Related Self-Supervised Learning For Remote Sensing Image Change Detection. , 2021, , .		12
20	Deep Feature Selection-And-Fusion for RGB-D Semantic Segmentation. , 2021, , .		9
21	Weighted Sparsity Constraint Tensor Factorization for Hyperspectral Unmixing. , 2021, , .		1
22	Self-Supervised Spectral Matching Network for Hyperspectral Target Detection. , 2021, , .		2
23	Focus on Semantic Consistency for Cross-Domain Crowd Understanding. , 2020, , .		30
24	Night Person Re-Identification and a Benchmark. IEEE Access, 2019, 7, 95496-95504.	2.6	12
25	Convolutional Regression Network for Multi-Oriented Text Detection. IEEE Access, 2019, 7, 96424-96433.	2.6	8
26	FI-Net: A Lightweight Video Frame Interpolation Network Using Feature-Level Flow. IEEE Access, 2019, 7, 118287-118296.	2.6	9
27	Robust Spaceâ€“Frequency Joint Representation for Remote Sensing Image Scene Classification. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 7492-7502.	2.7	51
28	Hierarchical and Robust Convolutional Neural Network for Very High-Resolution Remote Sensing Object Detection. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 5535-5548.	2.7	163
29	Fast Spectral Clustering for Unsupervised Hyperspectral Image Classification. Remote Sensing, 2019, 11, 399.	1.8	51
30	Hyperspectral Anomaly Detection Based on Separability-Aware Sample Cascade. Remote Sensing, 2019, 11, 2537.	1.8	10
31	Hyperspectral Image Denoising by Fusing the Selected Related Bands. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 2596-2609.	2.7	35
32	Remote Sensing Image Scene Classification Using Rearranged Local Features. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 1779-1792.	2.7	87
33	Embedding Structured Contour and Location Prior in Siamesed Fully Convolutional Networks for Road Detection. IEEE Transactions on Intelligent Transportation Systems, 2018, 19, 230-241.	4.7	194
34	Structured dictionary learning for abnormal event detection in crowded scenes. Pattern Recognition, 2018, 73, 99-110.	5.1	42
35	Enhancing Boundary for Video Object Segmentation. , 2018, , .		0
36	Bike-Person Re-Identification: A Benchmark and a Comprehensive Evaluation. IEEE Access, 2018, 6, 56059-56068.	2.6	6

#	ARTICLE	IF	CITATIONS
37	Deep Cross-Modal Retrieval for Remote Sensing Image and Audio. , 2018, , .		29
38	Spectral clustering based on iterative optimization for large-scale and high-dimensional data. Neurocomputing, 2018, 318, 227-235.	3.5	29
39	Hyperspectral Anomaly Detection via Discriminative Feature Learning with Multiple-Dictionary Sparse Representation. Remote Sensing, 2018, 10, 745.	1.8	52
40	Joint Dictionary Learning for Multispectral Change Detection. IEEE Transactions on Cybernetics, 2017, 47, 884-897.	6.2	139
41	Hyperspectral Image Superresolution by Transfer Learning. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2017, 10, 1963-1974.	2.3	183
42	Remote Sensing Scene Classification by Unsupervised Representation Learning. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 5148-5157.	2.7	242
43	Deep Temporal Architecture for Audiovisual Speech Recognition. Communications in Computer and Information Science, 2017, , 650-661.	0.4	1
44	Dimensionality Reduction by Spatialâ€“Spectral Preservation in Selected Bands. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 5185-5197.	2.7	67
45	Discovering Diverse Subset for Unsupervised Hyperspectral Band Selection. IEEE Transactions on Image Processing, 2017, 26, 51-64.	6.0	174
46	HDPa: Hierarchical deep probability analysis for scene parsing. , 2017, , .		4
47	JM-Net and Cluster-SVM for Aerial Scene Classification. , 2017, , .		7
48	Deep Representation for Abnormal Event Detection in Crowded Scenes. , 2016, , .		31
49	Image de-fencing with hyperspectral camera. , 2016, , .		2
50	A non-negative low-rank representation for hyperspectral band selection. International Journal of Remote Sensing, 2016, 37, 4590-4609.	1.3	21
51	A target detection method for hyperspectral image based on mixture noise model. Neurocomputing, 2016, 216, 331-341.	3.5	24
52	Salient Band Selection for Hyperspectral Image Classification via Manifold Ranking. IEEE Transactions on Neural Networks and Learning Systems, 2016, 27, 1279-1289.	7.2	422
53	Unsupervised Band Selection Based on Evolutionary Multiobjective Optimization for Hyperspectral Images. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 544-557.	2.7	131
54	Substance Dependence Constrained Sparse NMF for Hyperspectral Unmixing. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 2975-2986.	2.7	58

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55	Spectral Spatial Kernel Regularized for Hyperspectral Image Denoising. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 3815-3832.	2.7	71
56	Projection-Based NMF for Hyperspectral Unmixing. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2015, 8, 2632-2643.	2.3	40
57	Unsupervised feature learning for scene classification of high resolution remote sensing image. , 2015, , .		3
58	Low-rank representation for 3D hyperspectral images analysis from map perspective. Signal Processing, 2015, 112, 27-33.	2.1	13
59	Video quality assessment via supervised topic model. , 2014, , .		1
60	Distributed Object Detection With Linear SVMs. IEEE Transactions on Cybernetics, 2014, 44, 2122-2133.	6.2	68
61	Ego motion guided particle filter for vehicle tracking in airborne videos. Neurocomputing, 2014, 124, 168-177.	3.5	27
62	Multi-cue based tracking. Neurocomputing, 2014, 131, 227-236.	3.5	90
63	Adaptive road detection towards multiscale-multilevel probabilistic analysis. , 2014, , .		3
64	Double Constrained NMF for Hyperspectral Unmixing. IEEE Transactions on Geoscience and Remote Sensing, 2014, 52, 2746-2758.	2.7	112
65	Action recognition based on semantic feature description and cross classification. , 2014, , .		0
66	In defense of iterated conditional mode for hyperspectral image classification. , 2014, , .		9
67	Learning Regularized LDA by Clustering. IEEE Transactions on Neural Networks and Learning Systems, 2014, 25, 2191-2201.	7.2	97
68	Robust Superpixel Tracking via Depth Fusion. IEEE Transactions on Circuits and Systems for Video Technology, 2014, 24, 15-26.	5.6	64
69	High quality image resizing. Neurocomputing, 2014, 131, 348-356.	3.5	19
70	Graph-Regularized Low-Rank Representation for Destriping of Hyperspectral Images. IEEE Transactions on Geoscience and Remote Sensing, 2013, 51, 4009-4018.	2.7	276
71	Person Re-Identification by Regularized Smoothing KISS Metric Learning. IEEE Transactions on Circuits and Systems for Video Technology, 2013, 23, 1675-1685.	5.6	140
72	Slow Feature Analysis for Multi-Camera Activity Understanding. , 2013, , .		1

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73	Visual Saliency by Selective Contrast. IEEE Transactions on Circuits and Systems for Video Technology, 2013, 23, 1150-1155.	5.6	74
74	3D prostate MR image segmentation: A multi-task approach. , 2013, , .		0
75	Data-dependent semi-supervised hyperspectral image classification. , 2013, , .		4
76	Mixture gradient detector for subpixel detection. , 2013, , .		2
77	Object or background: Whose call is it in complicated scene classification?. , 2013, , .		1
78	Robust visual tracking with discriminative sparse learning. Pattern Recognition, 2013, 46, 1762-1771.	5.1	70
79	Manifold Regularized Sparse NMF for Hyperspectral Unmixing. IEEE Transactions on Geoscience and Remote Sensing, 2013, 51, 2815-2826.	2.7	322
80	Energy-saving object detection by efficiently rejecting a set of neighboring sub-images. Signal Processing, 2013, 93, 2205-2211.	2.1	9
81	Image Super-Resolution Via Double Sparsity Regularized Manifold Learning. IEEE Transactions on Circuits and Systems for Video Technology, 2013, 23, 2022-2033.	5.6	71
82	Image Jigsaw Puzzles with a Self-Correcting Solver. , 2013, , .		1
83	Robust lossless data hiding using clustering and statistical quantity histogram. Neurocomputing, 2012, 77, 1-11.	3.5	59
84	Geometry constrained sparse coding for single image super-resolution. , 2012, , .		29
85	Content-adaptive reliable robust lossless data embedding. Neurocomputing, 2012, 79, 1-11.	3.5	42
86	Scale invariant image matching using triplewise constraint and weighted voting. Neurocomputing, 2012, 83, 64-71.	3.5	21
87	Fully affine invariant SURF for image matching. Neurocomputing, 2012, 85, 6-10.	3.5	142
88	Incremental threshold learning for classifier selection. Neurocomputing, 2012, 89, 89-95.	3.5	10
89	Efficient image matching using weighted voting. Pattern Recognition Letters, 2012, 33, 471-475.	2.6	17
90	A novel alternative algorithm for limited angle tomography. , 2011, , .		2

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91	Image denoising via weight regression. , 2011, , .		0
92	Lossless Data Embedding Using Generalized Statistical Quantity Histogram. IEEE Transactions on Circuits and Systems for Video Technology, 2011, 21, 1061-1070.	5.6	158
93	Single-image super-resolution via local learning. International Journal of Machine Learning and Cybernetics, 2011, 2, 15-23.	2.3	95
94	Arbitrary ROI-based wavelet video coding. Neurocomputing, 2011, 74, 2114-2122.	3.5	7
95	Segmentation of retinal blood vessels using the radial projection and semi-supervised approach. Pattern Recognition, 2011, 44, 2314-2324.	5.1	327
96	Efficient HOG human detection. Signal Processing, 2011, 91, 773-781.	2.1	270
97	Putting images on a manifold for atlas-based image segmentation. , 2011, , .		2
98	Utilizing homotopy for single image superresolution. , 2011, , .		6
99	Single-image super-resolution based on semi-supervised learning. , 2011, , .		7
100	Local learning-based image super-resolution. , 2011, , .		9
101	Local semi-supervised regression for single-image super-resolution. , 2011, , .		7
102	Multimodal learning for multi-label image classification. , 2011, , .		9
103	Learning shape statistics for hierarchical 3D medical image segmentation. , 2011, , .		0
104	Target-oriented shape modeling with structure constraint for image segmentation. , 2011, , .		0
105	Local adaptive dictionary based image denoising. , 2011, , .		0
106	TRAVELOGUE ENRICHING AND SCENIC SPOT OVERVIEW BASED ON TEXTUAL AND VISUAL TOPIC MODELS. International Journal of Pattern Recognition and Artificial Intelligence, 2011, 25, 373-390.	0.7	12
107	Photo-sketch synthesis and recognition based on subspace learning. Neurocomputing, 2010, 73, 840-852.	3.5	46
108	Semi-supervised Gaussian process latent variable model with pairwise constraints. Neurocomputing, 2010, 73, 2186-2195.	3.5	25

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109	Footwear for Gender Recognition. IEEE Transactions on Circuits and Systems for Video Technology, 2010, 20, 131-135.	5.6	13
110	Robust Tensor Analysis With L1-Norm. IEEE Transactions on Circuits and Systems for Video Technology, 2010, 20, 172-178.	5.6	185
111	Generalized KPCA by adaptive rules in feature space. International Journal of Computer Mathematics, 2010, 87, 956-968.	1.0	25
112	Can Mean Shift Trackers Perform Better?. , 2010, , .		1
113	Improving security of an image encryption algorithm based on chaotic circular shift. , 2009, , .		3
114	Binary Sparse Nonnegative Matrix Factorization. IEEE Transactions on Circuits and Systems for Video Technology, 2009, 19, 772-777.	5.6	47
115	An outlier-insensitive Linear Pursuit Embedding algorithm. , 2009, , .		1
116	Scene segmentation based on IPCA for visual surveillance. Neurocomputing, 2009, 72, 2450-2454.	3.5	28
117	Fast Haar Transform Based Feature Extraction for Face Representation and Recognition. IEEE Transactions on Information Forensics and Security, 2009, 4, 441-450.	4.5	50
118	Curvelet based face recognition via dimension reduction. Signal Processing, 2009, 89, 2345-2353.	2.1	97
119	Object tracking using SIFT features and mean shift. Computer Vision and Image Understanding, 2009, 113, 345-352.	3.0	496
120	Effective Feature Extraction in High-Dimensional Space. IEEE Transactions on Systems, Man, and Cybernetics, 2008, 38, 1652-1656.	5.5	33
121	Gabor-Based Region Covariance Matrices for Face Recognition. IEEE Transactions on Circuits and Systems for Video Technology, 2008, 18, 989-993.	5.6	223
122	Doctored JPEG image detection. , 2008, , .		7
123	Discriminant adaptive edge weights for graph embedding. Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing, 2008, , .	1.8	3
124	A SIMILARITY METRIC IN IMAGE SEARCHING. International Journal of Image and Graphics, 2007, 07, 211-225.	1.2	0
125	KERNEL GBDA FOR RELEVANCE FEEDBACK IN IMAGE RETRIEVAL. International Journal of Image and Graphics, 2007, 07, 767-776.	1.2	0
126	A NEW BLIND ATTACK PROCEDURE FOR DCT-BASED IMAGE ENCRYPTION WITH SPECTRUM LEARNING. International Journal of Image and Graphics, 2007, 07, 481-496.	1.2	0

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127	A leak and its remedy in JPEG image encryption. International Journal of Computer Mathematics, 2007, 84, 1367-1378.	1.0	49