

Xuelong Li

List of Publications by Year in descending order

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756
papers

46,480
citations

1606

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763
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763
docs citations

763
times ranked

26361
citing authors

#	ARTICLE	IF	CITATIONS
1	General Tensor Discriminant Analysis and Gabor Features for Gait Recognition. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2007, 29, 1700-1715.	9.7	1,016
2	Toward Scalable Systems for Big Data Analytics: A Technology Tutorial. IEEE Access, 2014, 2, 652-687.	2.6	965
3	A Survey of Sparse Representation: Algorithms and Applications. IEEE Access, 2015, 3, 490-530.	2.6	888
4	Asymmetric bagging and random subspace for support vector machines-based relevance feedback in image retrieval. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2006, 28, 1088-1099.	9.7	795
5	Efficient kNN Classification With Different Numbers of Nearest Neighbors. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 1774-1785.	7.2	775
6	Transfer Learning for Visual Categorization: A Survey. IEEE Transactions on Neural Networks and Learning Systems, 2015, 26, 1019-1034.	7.2	615
7	Fast and Accurate Matrix Completion via Truncated Nuclear Norm Regularization. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2013, 35, 2117-2130.	9.7	598
8	Joint Embedding Learning and Sparse Regression: A Framework for Unsupervised Feature Selection. IEEE Transactions on Cybernetics, 2014, 44, 793-804.	6.2	552
9	A survey of graph edit distance. Pattern Analysis and Applications, 2010, 13, 113-129.	3.1	531
10	Geometric Mean for Subspace Selection. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2009, 31, 260-274.	9.7	491
11	Single Image Super-Resolution With Non-Local Means and Steering Kernel Regression. IEEE Transactions on Image Processing, 2012, 21, 4544-4556.	6.0	475
12	From Heuristic Optimization to Dictionary Learning: A Review and Comprehensive Comparison of Image Denoising Algorithms. IEEE Transactions on Cybernetics, 2014, 44, 1001-1013.	6.2	465
13	Constrained Nonnegative Matrix Factorization for Image Representation. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2012, 34, 1299-1311.	9.7	449
14	Scene Classification With Recurrent Attention of VHR Remote Sensing Images. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 1155-1167.	2.7	437
15	GETNET: A General End-to-End 2-D CNN Framework for Hyperspectral Image Change Detection. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 3-13.	2.7	392
16	Visual-Textual Joint Relevance Learning for Tag-Based Social Image Search. IEEE Transactions on Image Processing, 2013, 22, 363-376.	6.0	364
17	Learning Discriminative Binary Codes for Large-scale Cross-modal Retrieval. IEEE Transactions on Image Processing, 2017, 26, 2494-2507.	6.0	345
18	Patch Alignment for Dimensionality Reduction. IEEE Transactions on Knowledge and Data Engineering, 2009, 21, 1299-1313.	4.0	341

#	ARTICLE	IF	CITATIONS
19	Multi-view Subspace Clustering. , 2015, , .		328
20	Manifold Regularized Sparse NMF for Hyperspectral Unmixing. IEEE Transactions on Geoscience and Remote Sensing, 2013, 51, 2815-2826.	2.7	322
21	Image Super-Resolution With Sparse Neighbor Embedding. IEEE Transactions on Image Processing, 2012, 21, 3194-3205.	6.0	314
22	Recent Advances in Cloud Radio Access Networks: System Architectures, Key Techniques, and Open Issues. IEEE Communications Surveys and Tutorials, 2016, 18, 2282-2308.	24.8	310
23	A Comprehensive Survey to Face Hallucination. International Journal of Computer Vision, 2014, 106, 9-30.	10.9	294
24	Lazy Random Walks for Superpixel Segmentation. IEEE Transactions on Image Processing, 2014, 23, 1451-1462.	6.0	292
25	CNNs-Based RGB-D Saliency Detection via Cross-View Transfer and Multiview Fusion. IEEE Transactions on Cybernetics, 2018, 48, 3171-3183.	6.2	286
26	Robust Joint Graph Sparse Coding for Unsupervised Spectral Feature Selection. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 1263-1275.	7.2	282
27	Supervised tensor learning. Knowledge and Information Systems, 2007, 13, 1-42.	2.1	281
28	Blind Image Quality Assessment via Deep Learning. IEEE Transactions on Neural Networks and Learning Systems, 2015, 26, 1275-1286.	7.2	281
29	Block-Row Sparse Multiview Multilabel Learning for Image Classification. IEEE Transactions on Cybernetics, 2016, 46, 450-461.	6.2	278
30	Detection of Co-salient Objects by Looking Deep and Wide. International Journal of Computer Vision, 2016, 120, 215-232.	10.9	277
31	Exploring Models and Data for Remote Sensing Image Caption Generation. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 2183-2195.	2.7	274
32	Efficient HOG human detection. Signal Processing, 2011, 91, 773-781.	2.1	270
33	Auto-Weighted Multi-View Learning for Image Clustering and Semi-Supervised Classification. IEEE Transactions on Image Processing, 2018, 27, 1501-1511.	6.0	267
34	Learning $\langle i \rangle k \langle /i \rangle$ for kNN Classification. ACM Transactions on Intelligent Systems and Technology, 2017, 8, 1-19.	2.9	265
35	Spatio-Temporal Laplacian Pyramid Coding for Action Recognition. IEEE Transactions on Cybernetics, 2014, 44, 817-827.	6.2	261
36	Discriminant Locally Linear Embedding With High-Order Tensor Data. IEEE Transactions on Systems, Man, and Cybernetics, 2008, 38, 342-352.	5.5	250

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37	Feature Learning for Image Classification Via Multiobjective Genetic Programming. IEEE Transactions on Neural Networks and Learning Systems, 2014, 25, 1359-1371.	7.2	246
38	Discriminative Transfer Subspace Learning via Low-Rank and Sparse Representation. IEEE Transactions on Image Processing, 2016, 25, 850-863.	6.0	246
39	A multi-frame image super-resolution method. Signal Processing, 2010, 90, 405-414.	2.1	235
40	Gait Components and Their Application to Gender Recognition. IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews, 2008, 38, 145-155.	3.3	227
41	Gabor-Based Region Covariance Matrices for Face Recognition. IEEE Transactions on Circuits and Systems for Video Technology, 2008, 18, 989-993.	5.6	223
42	Punishment diminishes the benefits of network reciprocity in social dilemma experiments. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 30-35.	3.3	213
43	Image Quality Assessment Based on Multiscale Geometric Analysis. IEEE Transactions on Image Processing, 2009, 18, 1409-1423.	6.0	210
44	Image Annotation by Multiple-Instance Learning With Discriminative Feature Mapping and Selection. IEEE Transactions on Cybernetics, 2014, 44, 669-680.	6.2	206
45	L1-Norm-Based 2DPCA. IEEE Transactions on Systems, Man, and Cybernetics, 2010, 40, 1170-1175.	5.5	204
46	Contrast Enhancement-Based Forensics in Digital Images. IEEE Transactions on Information Forensics and Security, 2014, 9, 515-525.	4.5	201
47	Feature selection with multi-view data: A survey. Information Fusion, 2019, 50, 158-167.	11.7	200
48	Rank Preserving Sparse Learning for Kinect Based Scene Classification. IEEE Transactions on Cybernetics, 2013, 43, 1406-1417.	6.2	196
49	Video Summarization With Attention-Based Encoder-Decoder Networks. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 1709-1717.	5.6	196
50	Spectral-Spatial Constraint Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2014, 52, 1811-1824.	2.7	191
51	Optimal Clustering Framework for Hyperspectral Band Selection. IEEE Transactions on Geoscience and Remote Sensing, 2018, , 1-13.	2.7	189
52	Robust Tensor Analysis With L1-Norm. IEEE Transactions on Circuits and Systems for Video Technology, 2010, 20, 172-178.	5.6	185
53	Locality and Structure Regularized Low Rank Representation for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 911-923.	2.7	184
54	Describing Video With Attention-Based Bidirectional LSTM. IEEE Transactions on Cybernetics, 2019, 49, 2631-2641.	6.2	179

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55	Weakly Supervised Adversarial Domain Adaptation for Semantic Segmentation in Urban Scenes. IEEE Transactions on Image Processing, 2019, 28, 4376-4386.	6.0	177
56	Learning Multiple Linear Mappings for Efficient Single Image Super-Resolution. IEEE Transactions on Image Processing, 2015, 24, 846-861.	6.0	172
57	DSets-DBSCAN: A Parameter-Free Clustering Algorithm. IEEE Transactions on Image Processing, 2016, 25, 3182-3193.	6.0	172
58	Graph PCA Hashing for Similarity Search. IEEE Transactions on Multimedia, 2017, 19, 2033-2044.	5.2	171
59	Learning Spatio-Temporal Representations for Action Recognition: A Genetic Programming Approach. IEEE Transactions on Cybernetics, 2016, 46, 158-170.	6.2	166
60	Nonlocal Graph Convolutional Networks for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 8246-8257.	2.7	165
61	Saliency Detection by Multiple-Instance Learning. IEEE Transactions on Cybernetics, 2013, 43, 660-672.	6.2	163
62	Face Sketchâ€“Photo Synthesis and Retrieval Using Sparse Representation. IEEE Transactions on Circuits and Systems for Video Technology, 2012, 22, 1213-1226.	5.6	161
63	From Deterministic to Generative: Multimodal Stochastic RNNs for Video Captioning. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 3047-3058.	7.2	160
64	Direct kernel biased discriminant analysis: a new content-based image retrieval relevance feedback algorithm. IEEE Transactions on Multimedia, 2006, 8, 716-727.	5.2	159
65	Lossless Data Embedding Using Generalized Statistical Quantity Histogram. IEEE Transactions on Circuits and Systems for Video Technology, 2011, 21, 1061-1070.	5.6	158
66	A local Tchebichef moments-based robust image watermarking. Signal Processing, 2009, 89, 1531-1539.	2.1	153
67	Joint Learning for Single-Image Super-Resolution via a Coupled Constraint. IEEE Transactions on Image Processing, 2012, 21, 469-480.	6.0	153
68	A Variational Approach to Simultaneous Image Segmentation and Bias Correction. IEEE Transactions on Cybernetics, 2015, 45, 1426-1437.	6.2	153
69	Learning Discriminative Key Poses for Action Recognition. IEEE Transactions on Cybernetics, 2013, 43, 1860-1870.	6.2	149
70	Fusion of Multichannel Local and Global Structural Cues for Photo Aesthetics Evaluation. IEEE Transactions on Image Processing, 2014, 23, 1419-1429.	6.0	149
71	Data Uncertainty in Face Recognition. IEEE Transactions on Cybernetics, 2014, 44, 1950-1961.	6.2	148
72	Graph Regularized Non-Negative Low-Rank Matrix Factorization for Image Clustering. IEEE Transactions on Cybernetics, 2017, 47, 3840-3853.	6.2	148

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73	Segmentation of breast ultrasound image with semantic classification of superpixels. Medical Image Analysis, 2020, 61, 101657.	7.0	146
74	Secrecy Outage and Diversity Analysis of Cognitive Radio Systems. IEEE Journal on Selected Areas in Communications, 2014, 32, 2222-2236.	9.7	141
75	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
76	Spatiotemporal Statistics for Video Quality Assessment. IEEE Transactions on Image Processing, 2016, 25, 3329-3342.	6.0	140
77	Convolution in Convolution for Network in Network. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 1587-1597.	7.2	140
78	Machine Learning in Ultrasound Computer-Aided Diagnostic Systems: A Survey. BioMed Research International, 2018, 2018, 1-10.	0.9	139
79	Transductive Face Sketch-Photo Synthesis. IEEE Transactions on Neural Networks and Learning Systems, 2013, 24, 1364-1376.	7.2	138
80	Exposure Fusion Using Boosting Laplacian Pyramid. IEEE Transactions on Cybernetics, 2014, 44, 1579-1590.	6.2	137
81	A Probabilistic Associative Model for Segmenting Weakly Supervised Images. IEEE Transactions on Image Processing, 2014, 23, 4150-4159.	6.0	136
82	HSA-RNN: Hierarchical Structure-Adaptive RNN for Video Summarization. , 2018, , .		135
83	Geometric Distortion Insensitive Image Watermarking in Affine Covariant Regions. IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews, 2010, 40, 278-286.	3.3	134
84	Unsupervised image saliency detection with Gestalt-laws guided optimization and visual attention based refinement. Pattern Recognition, 2018, 79, 65-78.	5.1	133
85	Semi-Supervised Multitask Learning for Scene Recognition. IEEE Transactions on Cybernetics, 2015, 45, 1967-1976.	6.2	132
86	Low-Rank Preserving Projections. IEEE Transactions on Cybernetics, 2016, 46, 1900-1913.	6.2	131
87	Locality Adaptive Discriminant Analysis for Spectral Spatial Classification of Hyperspectral Images. IEEE Geoscience and Remote Sensing Letters, 2017, 14, 2077-2081.	1.4	131
88	Robotic Arm Based Automatic Ultrasound Scanning for Three-Dimensional Imaging. IEEE Transactions on Industrial Informatics, 2019, 15, 1173-1182.	7.2	130
89	Learning Deep and Wide: A Spectral Method for Learning Deep Networks. IEEE Transactions on Neural Networks and Learning Systems, 2014, 25, 2303-2308.	7.2	127
90	Robust Reversible Watermarking via Clustering and Enhanced Pixel-Wise Masking. IEEE Transactions on Image Processing, 2012, 21, 3598-3611.	6.0	126

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91	Latent Semantic Minimal Hashing for Image Retrieval. IEEE Transactions on Image Processing, 2017, 26, 355-368.	6.0	126
92	A Fine-Grained Image Categorization System by Cellet-Encoded Spatial Pyramid Modeling. IEEE Transactions on Industrial Electronics, 2015, 62, 564-571.	5.2	125
93	Multiview Clustering: A Scalable and Parameter-Free Bipartite Graph Fusion Method. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 330-344.	9.7	125
94	Robust Video Object Cosegmentation. IEEE Transactions on Image Processing, 2015, 24, 3137-3148.	6.0	124
95	Facial feature point detection: A comprehensive survey. Neurocomputing, 2018, 275, 50-65.	3.5	124
96	Multi-view spectral clustering via integrating nonnegative embedding and spectral embedding. Information Fusion, 2020, 55, 251-259.	11.7	123
97	DISC: Deep Image Saliency Computing via Progressive Representation Learning. IEEE Transactions on Neural Networks and Learning Systems, 2016, 27, 1135-1149.	7.2	122
98	Deep semantic understanding of high resolution remote sensing image. , 2016, , .		121
99	Single Image Super-Resolution With Multiscale Similarity Learning. IEEE Transactions on Neural Networks and Learning Systems, 2013, 24, 1648-1659.	7.2	120
100	An Efficient MRF Embedded Level Set Method for Image Segmentation. IEEE Transactions on Image Processing, 2015, 24, 9-21.	6.0	120
101	A generalized power iteration method for solving quadratic problem on the Stiefel manifold. Science China Information Sciences, 2017, 60, 1.	2.7	120
102	Hierarchical Recurrent Neural Network for Video Summarization. , 2017, , .		119
103	Robust Visual Tracking Using Structurally Random Projection and Weighted Least Squares. IEEE Transactions on Circuits and Systems for Video Technology, 2015, 25, 1749-1760.	5.6	117
104	Human Gait Recognition With Matrix Representation. IEEE Transactions on Circuits and Systems for Video Technology, 2006, 16, 896-903.	5.6	114
105	Spectral Embedded Adaptive Neighbors Clustering. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 1265-1271.	7.2	114
106	Multitraining Support Vector Machine for Image Retrieval. IEEE Transactions on Image Processing, 2006, 15, 3597-3601.	6.0	113
107	Multiview Clustering via Adaptively Weighted Procrustes. , 2018, , .		112
108	Generalized Uncorrelated Regression with Adaptive Graph for Unsupervised Feature Selection. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 1587-1595.	7.2	112

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109	Mean shift based gradient vector flow for image segmentation. Computer Vision and Image Understanding, 2013, 117, 1004-1016.	3.0	108
110	Integrating Conventional and Inverse Representation for Face Recognition. IEEE Transactions on Cybernetics, 2014, 44, 1738-1746.	6.2	107
111	A Review of Active Appearance Models. IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews, 2010, 40, 145-158.	3.3	106
112	Visual Tracking Using Strong Classifier and Structural Local Sparse Descriptors. IEEE Transactions on Multimedia, 2015, 17, 1818-1828.	5.2	106
113	Two-Stage Learning to Predict Human Eye Fixations via SDAEs. IEEE Transactions on Cybernetics, 2016, 46, 487-498.	6.2	106
114	Hierarchical Recurrent Neural Hashing for Image Retrieval With Hierarchical Convolutional Features. IEEE Transactions on Image Processing, 2018, 27, 106-120.	6.0	106
115	Universal Blind Image Quality Assessment Metrics Via Natural Scene Statistics and Multiple Kernel Learning. IEEE Transactions on Neural Networks and Learning Systems, 2013, 24, 2013-2026.	7.2	104
116	Learning to Rank for Blind Image Quality Assessment. IEEE Transactions on Neural Networks and Learning Systems, 2015, 26, 2275-2290.	7.2	104
117	Re-Weighted Discriminatively Embedded \mathcal{K} -Means for Multi-View Clustering. IEEE Transactions on Image Processing, 2017, 26, 3016-3027.	6.0	104
118	Hyperspectral Band Selection via Adaptive Subspace Partition Strategy. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2019, 12, 4940-4950.	2.3	104
119	Partially Supervised Neighbor Embedding for Example-Based Image Super-Resolution. IEEE Journal on Selected Topics in Signal Processing, 2011, 5, 230-239.	7.3	103
120	When Collaboration Hugs Intelligence: Content Delivery over Ultra-Dense Networks. , 2017, 55, 91-95.		103
121	Hessian Regularized Support Vector Machines for Mobile Image Annotation on the Cloud. IEEE Transactions on Multimedia, 2013, 15, 833-844.	5.2	102
122	On Combining Biclustering Mining and AdaBoost for Breast Tumor Classification. IEEE Transactions on Knowledge and Data Engineering, 2020, 32, 728-738.	4.0	101
123	Negative Samples Analysis in Relevance Feedback. IEEE Transactions on Knowledge and Data Engineering, 2007, 19, 568-580.	4.0	99
124	Intrinsic images using optimization. , 2011, , .		97
125	Texture Classification and Retrieval Using Shearlets and Linear Regression. IEEE Transactions on Cybernetics, 2015, 45, 358-369.	6.2	97
126	CAM-RNN: Co-Attention Model Based RNN for Video Captioning. IEEE Transactions on Image Processing, 2019, 28, 5552-5565.	6.0	97

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127	Bayesian Tensor Approach for 3-D Face Modeling. IEEE Transactions on Circuits and Systems for Video Technology, 2008, 18, 1397-1410.	5.6	96
128	Color to Gray: Visual Cue Preservation. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2010, 32, 1537-1552.	9.7	96
129	Learning Multilayer Channel Features for Pedestrian Detection. IEEE Transactions on Image Processing, 2017, 26, 3210-3220.	6.0	96
130	A Relay Level Set Method for Automatic Image Segmentation. IEEE Transactions on Systems, Man, and Cybernetics, 2011, 41, 518-525.	5.5	95
131	Single-image super-resolution via local learning. International Journal of Machine Learning and Cybernetics, 2011, 2, 15-23.	2.3	95
132	Robust Semi-Supervised Subspace Clustering via Non-Negative Low-Rank Representation. IEEE Transactions on Cybernetics, 2016, 46, 1828-1838.	6.2	95
133	Multiple Representations-Based Face Sketchâ€”Photo Synthesis. IEEE Transactions on Neural Networks and Learning Systems, 2016, 27, 2201-2215.	7.2	94
134	A General Framework for Edited Video and Raw Video Summarization. IEEE Transactions on Image Processing, 2017, 26, 3652-3664.	6.0	94
135	Tensor Rank One Discriminant Analysisâ€”A convergent method for discriminative multilinear subspace selection. Neurocomputing, 2008, 71, 1866-1882.	3.5	93
136	Joint Content Replication and Request Routing for Social Video Distribution Over Cloud CDN: A Community Clustering Method. IEEE Transactions on Circuits and Systems for Video Technology, 2016, 26, 1320-1333.	5.6	93
137	Actively Learning Human Gaze Shifting Paths for Semantics-Aware Photo Cropping. IEEE Transactions on Image Processing, 2014, 23, 2235-2245.	6.0	92
138	Patient-specific ECG classification by deeper CNN from generic to dedicated. Neurocomputing, 2018, 314, 336-346.	3.5	92
139	A Hybrid Sparsity and Distance-Based Discrimination Detector for Hyperspectral Images. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 1704-1717.	2.7	91
140	Surveillance Video Synopsis via Scaling Down Objects. IEEE Transactions on Image Processing, 2016, 25, 740-755.	6.0	90
141	Semisupervised Dimensionality Reduction and Classification Through Virtual Label Regression. IEEE Transactions on Systems, Man, and Cybernetics, 2011, 41, 675-685.	5.5	88
142	Automatic segmentation of breast lesions for interaction in ultrasonic computer-aided diagnosis. Information Sciences, 2015, 314, 293-310.	4.0	88
143	Linear SVM classification using boosting HOG features for vehicle detection in low-altitude airborne videos. , 2011, , .		87
144	Unsupervised Deep Noise Modeling for Hyperspectral Image Change Detection. Remote Sensing, 2019, 11, 258.	1.8	87

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145	SSR-NET: Spatial Spectral Reconstruction Network for Hyperspectral and Multispectral Image Fusion. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 5953-5965.	2.7	87
146	Looking Closer at the Scene: Multiscale Representation Learning for Remote Sensing Image Scene Classification. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 1414-1428.	7.2	86
147	A Nonlinear Adaptive Level Set for Image Segmentation. IEEE Transactions on Cybernetics, 2014, 44, 418-428.	6.2	85
148	Principal Component 2-D Long Short-Term Memory for Font Recognition on Single Chinese Characters. IEEE Transactions on Cybernetics, 2016, 46, 756-765.	6.2	85
149	Learning to Predict Eye Fixations via Multiresolution Convolutional Neural Networks. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 392-404.	7.2	85
150	Regularized Label Relaxation Linear Regression. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 1006-1018.	7.2	85
151	Deep smoke segmentation. Neurocomputing, 2019, 357, 248-260.	3.5	85
152	Image Ratio Features for Facial Expression Recognition Application. IEEE Transactions on Systems, Man, and Cybernetics, 2010, 40, 779-788.	5.5	84
153	Integrate the original face image and its mirror image for face recognition. Neurocomputing, 2014, 131, 191-199.	3.5	84
154	Power line detection from optical images. Neurocomputing, 2014, 129, 350-361.	3.5	84
155	Approximate Low-Rank Projection Learning for Feature Extraction. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 5228-5241.	7.2	84
156	A Unified Tensor Level Set for Image Segmentation. IEEE Transactions on Systems, Man, and Cybernetics, 2010, 40, 857-867.	5.5	83
157	A Review of Co-Saliency Detection Algorithms. ACM Transactions on Intelligent Systems and Technology, 2018, 9, 1-31.	2.9	83
158	Robust Discrete Spectral Hashing for Large-Scale Image Semantic Indexing. IEEE Transactions on Big Data, 2015, 1, 162-171.	4.4	82
159	Modeling Disease Progression via Multisource Multitask Learners: A Case Study With Alzheimer's Disease. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 1508-1519.	7.2	82
160	Exploring the Relationship Between 2D/3D Convolution for Hyperspectral Image Super-Resolution. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 8693-8703.	2.7	82
161	Realistic action recognition via sparsely-constructed Gaussian processes. Pattern Recognition, 2014, 47, 3819-3827.	5.1	80
162	A Fast Neighborhood Grouping Method for Hyperspectral Band Selection. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 5028-5039.	2.7	80

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163	Real-Time Video Emotion Recognition Based on Reinforcement Learning and Domain Knowledge. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 1034-1047.	5.6	80
164	Greedy regression in sparse coding space for single-image super-resolution. Journal of Visual Communication and Image Representation, 2013, 24, 148-159.	1.7	79
165	Deep neural networks with Elastic Rectified Linear Units for object recognition. Neurocomputing, 2018, 275, 1132-1139.	3.5	79
166	Mixed 2D/3D Convolutional Network for Hyperspectral Image Super-Resolution. Remote Sensing, 2020, 12, 1660.	1.8	79
167	Interactive Segmentation Using Constrained Laplacian Optimization. IEEE Transactions on Circuits and Systems for Video Technology, 2014, 24, 1088-1100.	5.6	78
168	Query-Adaptive Reciprocal Hash Tables for Nearest Neighbor Search. IEEE Transactions on Image Processing, 2016, 25, 907-919.	6.0	78
169	Heterogeneous Face Recognition: A Common Encoding Feature Discriminant Approach. IEEE Transactions on Image Processing, 2017, 26, 2079-2089.	6.0	78
170	A Unified Learning Framework for Single Image Super-Resolution. IEEE Transactions on Neural Networks and Learning Systems, 2014, 25, 780-792.	7.2	77
171	Deep Binary Reconstruction for Cross-Modal Hashing. IEEE Transactions on Multimedia, 2019, 21, 973-985.	5.2	77
172	Zernike-Moment-Based Image Super Resolution. IEEE Transactions on Image Processing, 2011, 20, 2738-2747.	6.0	76
173	Spatial-Aware Object-Level Saliency Prediction by Learning Graphlet Hierarchies. IEEE Transactions on Industrial Electronics, 2015, 62, 1301-1308.	5.2	76
174	A Biologically Inspired Appearance Model for Robust Visual Tracking. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 2357-2370.	7.2	76
175	Vehicle Detection and Motion Analysis in Low-Altitude Airborne Video Under Urban Environment. IEEE Transactions on Circuits and Systems for Video Technology, 2011, 21, 1522-1533.	5.6	75
176	A maximum entropy feature descriptor for age invariant face recognition. , 2015, , .		75
177	Discriminative Orthogonal Neighborhood-Preserving Projections for Classification. IEEE Transactions on Systems, Man, and Cybernetics, 2010, 40, 253-263.	5.5	74
178	Biologically Inspired Features for Scene Classification in Video Surveillance. IEEE Transactions on Systems, Man, and Cybernetics, 2011, 41, 307-313.	5.5	74
179	Robust Hashing With Local Models for Approximate Similarity Search. IEEE Transactions on Cybernetics, 2014, 44, 1225-1236.	6.2	74
180	Semantic Descriptions of High-Resolution Remote Sensing Images. IEEE Geoscience and Remote Sensing Letters, 2019, 16, 1274-1278.	1.4	74

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181	Person Reidentification by Minimum Classification Error-Based KISS Metric Learning. IEEE Transactions on Cybernetics, 2015, 45, 242-252.	6.2	73
182	Binary Two-Dimensional PCA. IEEE Transactions on Systems, Man, and Cybernetics, 2008, 38, 1176-1180.	5.5	72
183	Learning a Nonnegative Sparse Graph for Linear Regression. IEEE Transactions on Image Processing, 2015, 24, 2760-2771.	6.0	72
184	Aging Face Recognition: A Hierarchical Learning Model Based on Local Patterns Selection. IEEE Transactions on Image Processing, 2016, 25, 2146-2154.	6.0	72
185	Toward improving ECG biometric identification using cascaded convolutional neural networks. Neurocomputing, 2020, 391, 83-95.	3.5	72
186	Nonrigid Structure-From-Motion From 2-D Images Using Markov Chain Monte Carlo. IEEE Transactions on Multimedia, 2012, 14, 168-177.	5.2	71
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