Dacheng Tao

List of Publications by Year
in descending order

711 papers	55,153 citations	1163 111 h-index	2675 193 g-index
727 all docs	727 docs citations	727 times ranked	25830 citing authors

#	ARTICLE	IF	CITATIONS
1	DehazeNet: An End-to-End System for Single Image Haze Removal. IEEE Transactions on Image Processing, 2016, 25, 5187-5198.	6.0	1,970
2	Deep Ordinal Regression Network for Monocular Depth Estimation. , 2018, 2018, 2002-2011.		1,025
3	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
4	Benchmarking Single-Image Dehazing and Beyond. IEEE Transactions on Image Processing, 2019, 28, 492-505.	6.0	1,002
5	Knowledge Distillation: A Survey. International Journal of Computer Vision, 2021, 129, 1789-1819.	10.9	951
6	An Underwater Image Enhancement Benchmark Dataset and Beyond. IEEE Transactions on Image Processing, 2020, 29, 4376-4389.	6.0	805
7	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
8	NTIRE 2017 Challenge on Single Image Super-Resolution: Methods and Results. , 2017, , .		645
9	A survey of graph edit distance. Pattern Analysis and Applications, 2010, 13, 113-129.	3.1	531
10	3-D Object Retrieval and Recognition With Hypergraph Analysis. IEEE Transactions on Image Processing, 2012, 21, 4290-4303.	6.0	529
11	Geometric Mean for Subspace Selection. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2009, 31, 260-274.	9.7	491
12	Click Prediction for Web Image Reranking Using Multimodal Sparse Coding. IEEE Transactions on Image Processing, 2014, 23, 2019-2032.	6.0	491
13	Multimodal Deep Autoencoder for Human Pose Recovery. IEEE Transactions on Image Processing, 2015, 24, 5659-5670.	6.0	488
14	Single Image Super-Resolution With Non-Local Means and Steering Kernel Regression. IEEE Transactions on Image Processing, 2012, 21, 4544-4556.	6.0	475
15	MUlti-Store Tracker (MUSTer): A cognitive psychology inspired approach to object tracking. , 2015, , .		470
16	Superpixel Classification Based Optic Disc and Optic Cup Segmentation for Glaucoma Screening. IEEE Transactions on Medical Imaging, 2013, 32, 1019-1032.	5.4	456
17	Classification with Noisy Labels by Importance Reweighting. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2016, 38, 447-461.	9.7	446
18	NeNMF: An Optimal Gradient Method for Nonnegative Matrix Factorization. IEEE Transactions on Signal Processing, 2012, 60, 2882-2898.	3.2	434

#	Article	IF	Citations
19	Deep Modular Co-Attention Networks for Visual Question Answering. , 2019, , .		430
20	Multiview Spectral Embedding. IEEE Transactions on Systems, Man, and Cybernetics, 2010, 40, 1438-1446.	5.5	397
21	Bregman Divergence-Based Regularization for Transfer Subspace Learning. IEEE Transactions on Knowledge and Data Engineering, 2010, 22, 929-942.	4.0	392
22	Generalized Latent Multi-View Subspace Clustering. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2020, 42, 86-99.	9.7	392
23	Multi-modal Factorized Bilinear Pooling with Co-attention Learning for Visual Question Answering. , 2017, , .		388
24	On Combining Multiple Features for Hyperspectral Remote Sensing Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2012, 50, 879-893.	2.7	367
25	Hierarchical Deep Click Feature Prediction for Fine-Grained Image Recognition. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 563-578.	9.7	359
26	Learning to Rank Using User Clicks and Visual Features for Image Retrieval. IEEE Transactions on Cybernetics, 2015, 45, 767-779.	6.2	344
27	Patch Alignment for Dimensionality Reduction. IEEE Transactions on Knowledge and Data Engineering, 2009, 21, 1299-1313.	4.0	341
28	Adaptive Hypergraph Learning and its Application in Image Classification. IEEE Transactions on Image Processing, 2012, 21, 3262-3272.	6.0	341
29	Multi-View Intact Space Learning. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2015, 37, 2531-2544.	9.7	329
30	MirrorGAN: Learning Text-To-Image Generation by Redescription. , 2019, , .		323
31	Slow Feature Analysis for Human Action Recognition. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2012, 34, 436-450.	9.7	322
32	Beyond streams and graphs. , 2006, , .		321
33	Learning a No-Reference Quality Assessment Model of Enhanced Images With Big Data. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 1301-1313.	7.2	321
34	Image Super-Resolution With Sparse Neighbor Embedding. IEEE Transactions on Image Processing, 2012, 21, 3194-3205.	6.0	314
35	Multimodal Graph-Based Reranking for Web Image Search. IEEE Transactions on Image Processing, 2012, 21, 4649-4661.	6.0	312
36	Triplet-Based Deep Hashing Network for Cross-Modal Retrieval. IEEE Transactions on Image Processing, 2018, 27, 3893-3903.	6.0	306

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37	Beyond Bilinear: Generalized Multimodal Factorized High-Order Pooling for Visual Question Answering. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 5947-5959.	7.2	304
38	Trunk-Branch Ensemble Convolutional Neural Networks for Video-Based Face Recognition. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2018, 40, 1002-1014.	9.7	299
39	A Comprehensive Survey to Face Hallucination. International Journal of Computer Vision, 2014, 106, 9-30.	10.9	294
40	Multi-Directional Multi-Level Dual-Cross Patterns for Robust Face Recognition. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2016, 38, 518-531.	9.7	294
41	Manifold Regularized Discriminative Nonnegative Matrix Factorization With Fast Gradient Descent. IEEE Transactions on Image Processing, 2011, 20, 2030-2048.	6.0	289
42	Empowering Things With Intelligence: A Survey of the Progress, Challenges, and Opportunities in Artificial Intelligence of Things. IEEE Internet of Things Journal, 2021, 8, 7789-7817.	5.5	288
43	Supervised tensor learning. Knowledge and Information Systems, 2007, 13, 1-42.	2.1	281
44	Blind Image Quality Assessment via Deep Learning. IEEE Transactions on Neural Networks and Learning Systems, 2015, 26, 1275-1286.	7.2	281
45	Self-Supervised Adversarial Hashing Networks for Cross-Modal Retrieval. , 2018, , .		276
46	Part-Stacked CNN for Fine-Grained Visual Categorization. , 2016, , .		274
47	Multiview Hessian Regularization for Image Annotation. IEEE Transactions on Image Processing, 2013, 22, 2676-2687.	6.0	267
48	Spatio-Temporal Laplacian Pyramid Coding for Action Recognition. IEEE Transactions on Cybernetics, 2014, 44, 817-827.	6.2	261
49	Ensemble manifold regularized sparse low-rank approximation for multiview feature embedding. Pattern Recognition, 2015, 48, 3102-3112.	5.1	260
50	Perceptual Adversarial Networks for Image-to-Image Transformation. IEEE Transactions on Image Processing, 2018, 27, 4066-4079.	6.0	256
51	Semisupervised Multiview Distance Metric Learning for Cartoon Synthesis. IEEE Transactions on Image Processing, 2012, 21, 4636-4648.	6.0	254
52	Feature Learning Using Spatial-Spectral Hypergraph Discriminant Analysis for Hyperspectral Image. IEEE Transactions on Cybernetics, 2019, 49, 2406-2419.	6.2	254
53	Tensor Discriminative Locality Alignment for Hyperspectral Image Spectralâ€"Spatial Feature Extraction. IEEE Transactions on Geoscience and Remote Sensing, 2013, 51, 242-256.	2.7	251
54	High-Order Distance-Based Multiview Stochastic Learning in Image Classification. IEEE Transactions on Cybernetics, 2014, 44, 2431-2442.	6.2	246

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55	Deep Multimodal Distance Metric Learning Using Click Constraints for Image Ranking. IEEE Transactions on Cybernetics, 2017, 47, 4014-4024.	6.2	246
56	On Unifying Multi-view Self-Representations for Clustering by Tensor Multi-rank Minimization. International Journal of Computer Vision, 2018, 126, 1157-1179.	10.9	241
57	Recurrent Feature Reasoning for Image Inpainting. , 2020, , .		240
58	Marginal Fisher Analysis and Its Variants for Human Gait Recognition and Content- Based Image Retrieval. IEEE Transactions on Image Processing, 2007, 16, 2811-2821.	6.0	239
59	Feature Selection Based on Structured Sparsity: A Comprehensive Study. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 1490-1507.	7.2	239
60	Online Nonnegative Matrix Factorization With Robust Stochastic Approximation. IEEE Transactions on Neural Networks and Learning Systems, 2012, 23, 1087-1099.	7.2	238
61	A multi-frame image super-resolution method. Signal Processing, 2010, 90, 405-414.	2.1	235
62	Large-Margin Multi-ViewInformation Bottleneck. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2014, 36, 1559-1572.	9.7	230
63	Person Re-Identification Over Camera Networks Using Multi-Task Distance Metric Learning. IEEE Transactions on Image Processing, 2014, 23, 3656-3670.	6.0	229
64	Spatial Pyramid-Enhanced NetVLAD With Weighted Triplet Loss for Place Recognition. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 661-674.	7.2	229
65	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
66	DAML: Domain Adaptation Metric Learning. IEEE Transactions on Image Processing, 2011, 20, 2980-2989.	6.0	225
67	Simultaneous Spectral-Spatial Feature Selection and Extraction for Hyperspectral Images. IEEE Transactions on Cybernetics, 2018, 48, 16-28.	6.2	217
68	Multi-Modal Curriculum Learning for Semi-Supervised Image Classification. IEEE Transactions on Image Processing, 2016, 25, 3249-3260.	6.0	215
69	Image Quality Assessment Based on Multiscale Geometric Analysis. IEEE Transactions on Image Processing, 2009, 18, 1409-1423.	6.0	210
70	On Compressing Deep Models by Low Rank and Sparse Decomposition. , 2017, , .		207
71	Image Annotation by Multiple-Instance Learning With Discriminative Feature Mapping and Selection. IEEE Transactions on Cybernetics, 2014, 44, 669-680.	6.2	206
72	Hyperspectral image unsupervised classification by robust manifold matrix factorization. Information Sciences, 2019, 485, 154-169.	4.0	204

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73	A Comprehensive Survey on Pose-Invariant Face Recognition. ACM Transactions on Intelligent Systems and Technology, 2016, 7, 1-42.	2.9	199
74	Ensemble Manifold Regularization. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2012, 34, 1227-1233.	9.7	196
75	Evolutionary Generative Adversarial Networks. IEEE Transactions on Evolutionary Computation, 2019, 23, 921-934.	7.5	196
76	Multiview Hessian discriminative sparse coding for image annotation. Computer Vision and Image Understanding, 2014, 118, 50-60.	3.0	192
77	Fast Supervised Discrete Hashing. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2018, 40, 490-496.	9.7	192
78	Spectral-Spatial Constraint Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2014, 52, 1811-1824.	2.7	191
79	Tensor Canonical Correlation Analysis for Multi-View Dimension Reduction. IEEE Transactions on Knowledge and Data Engineering, 2015, 27, 3111-3124.	4.0	183
80	Incremental tensor analysis. ACM Transactions on Knowledge Discovery From Data, 2008, 2, 1-37.	2.5	176
81	Sparse Transfer Manifold Embedding for Hyperspectral Target Detection. IEEE Transactions on Geoscience and Remote Sensing, 2014, 52, 1030-1043.	2.7	173
82	Learning Multiple Linear Mappings for Efficient Single Image Super-Resolution. IEEE Transactions on Image Processing, 2015, 24, 846-861.	6.0	172
83	Coupled Deep Autoencoder for Single Image Super-Resolution. IEEE Transactions on Cybernetics, 2017, 47, 27-37.	6.2	172
84	Hyperspectral Remote Sensing Image Subpixel Target Detection Based on Supervised Metric Learning. IEEE Transactions on Geoscience and Remote Sensing, 2014, 52, 4955-4965.	2.7	171
85	Learning from Multiple Teacher Networks. , 2017, , .		170
86	Biologically Inspired Feature Manifold for Scene Classification. IEEE Transactions on Image Processing, 2010, 19, 174-184.	6.0	169
87	Non-Negative Patch Alignment Framework. IEEE Transactions on Neural Networks, 2011, 22, 1218-1230.	4.8	165
88	Manifold elastic net: a unified framework for sparse dimension reduction. Data Mining and Knowledge Discovery, 2011, 22, 340-371.	2.4	163
89	Manifold Regularized Multitask Learning for Semi-Supervised Multilabel Image Classification. IEEE Transactions on Image Processing, 2013, 22, 523-536.	6.0	163
90	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

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91	Robust face recognition via occlusion dictionary learning. Pattern Recognition, 2014, 47, 1559-1572.	5.1	161
92	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
93	Lossless Data Embedding Using Generalized Statistical Quantity Histogram. IEEE Transactions on Circuits and Systems for Video Technology, 2011, 21, 1061-1070.	5.6	158
94	Compression of hyperspectral remote sensing images by tensor approach. Neurocomputing, 2015, 147, 358-363.	3.5	154
95	Two-Stage Cascaded U-Net: 1st Place Solution to BraTS Challenge 2019 Segmentation Task. Lecture Notes in Computer Science, 2020, , 231-241.	1.0	154
96	A local Tchebichef moments-based robust image watermarking. Signal Processing, 2009, 89, 1531-1539.	2.1	153
97	Joint Learning for Single-Image Super-Resolution via a Coupled Constraint. IEEE Transactions on Image Processing, 2012, 21, 469-480.	6.0	153
98	Decomposition-Based Transfer Distance Metric Learning for Image Classification. IEEE Transactions on Image Processing, 2014, 23, 3789-3801.	6.0	153
99	Multi-View Learning With Incomplete Views. IEEE Transactions on Image Processing, 2015, 24, 5812-5825.	6.0	149
100	Semi-supervised Coupled Dictionary Learning for Person Re-identification. , 2014, , .		147
101	Max-Min Distance Analysis by Using Sequential SDP Relaxation for Dimension Reduction. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2011, 33, 1037-1050.	9.7	139
102	Unsupervised Semantic-Preserving Adversarial Hashing for Image Search. IEEE Transactions on Image Processing, 2019, 28, 4032-4044.	6.0	139
103	One-Pass Multi-Task Networks With Cross-Task Guided Attention for Brain Tumor Segmentation. IEEE Transactions on Image Processing, 2020, 29, 4516-4529.	6.0	139
104	Probabilistic Exposure Fusion. IEEE Transactions on Image Processing, 2012, 21, 341-357.	6.0	138
105	Transductive Face Sketch-Photo Synthesis. IEEE Transactions on Neural Networks and Learning Systems, 2013, 24, 1364-1376.	7.2	138
106	Exploring Representativeness and Informativeness for Active Learning. IEEE Transactions on Cybernetics, 2017, 47, 14-26.	6.2	136
107	Multitask Autoencoder Model for Recovering Human Poses. IEEE Transactions on Industrial Electronics, 2018, 65, 5060-5068.	5.2	136
108	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

#	Article	IF	Citations
109	Biased Discriminant Euclidean Embedding for Content-Based Image Retrieval. IEEE Transactions on Image Processing, 2010, 19, 545-554.	6.0	132
110	Hyperspectral Image Restoration via Iteratively Regularized Weighted Schatten <inline-formula> <tex-math notation="LaTeX">p</tex-math> </inline-formula>-Norm Minimization. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 4642-4659.	2.7	132
111	GPS-Net: Graph Property Sensing Network for Scene Graph Generation. , 2020, , .		132
112	Active Transfer Learning Network: A Unified Deep Joint Spectral–Spatial Feature Learning Model for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 1741-1754.	2.7	130
113	Person Re-Identification With Metric Learning Using Privileged Information. IEEE Transactions on Image Processing, 2018, 27, 791-805.	6.0	128
114	FAMED-Net: A Fast and Accurate Multi-Scale End-to-End Dehazing Network. IEEE Transactions on Image Processing, 2020, 29, 72-84.	6.0	127
115	Robust Reversible Watermarking via Clustering and Enhanced Pixel-Wise Masking. IEEE Transactions on Image Processing, 2012, 21, 3598-3611.	6.0	126
116	Multiview Vector-Valued Manifold Regularization for Multilabel Image Classification. IEEE Transactions on Neural Networks and Learning Systems, 2013, 24, 709-722.	7.2	126
117	Facial feature point detection: A comprehensive survey. Neurocomputing, 2018, 275, 50-65.	3.5	124
118	Multistage GAN for Fabric Defect Detection. IEEE Transactions on Image Processing, 2020, 29, 3388-3400.	6.0	124
119	Multiview Matrix Completion for Multilabel Image Classification. IEEE Transactions on Image Processing, 2015, 24, 2355-2368.	6.0	122
120	Deep semantic understanding of high resolution remote sensing image. , 2016, , .		121
121	Single Image Super-Resolution With Multiscale Similarity Learning. IEEE Transactions on Neural Networks and Learning Systems, 2013, 24, 1648-1659.	7.2	120
122	A Coarse-Fine Network for Keypoint Localization. , 2017, , .		118
123	Geometry-Consistent Generative Adversarial Networks for One-Sided Unsupervised Domain Mapping. , 2019, 2019, 2422-2431.		117
124	Multi-Task Consistency-Preserving Adversarial Hashing for Cross-Modal Retrieval. IEEE Transactions on Image Processing, 2020, 29, 3626-3637.	6.0	117
125	Expressive power of parametrized quantum circuits. Physical Review Research, 2020, 2, .	1.3	117
126	Tracking via Robust Multi-task Multi-view Joint Sparse Representation. , 2013, , .		116

#	Article	IF	Citations
127	Pairwise constraints based multiview features fusion for scene classification. Pattern Recognition, 2013, 46, 483-496.	5.1	116
128	Progressive LiDAR adaptation for road detection. IEEE/CAA Journal of Automatica Sinica, 2019, 6, 693-702.	8.5	116
129	Perceptual-Sensitive GAN for Generating Adversarial Patches. Proceedings of the AAAI Conference on Artificial Intelligence, 2019, 33, 1028-1035.	3.6	115
130	Distilling Knowledge From Graph Convolutional Networks. , 2020, , .		115
131	Human Gait Recognition With Matrix Representation. IEEE Transactions on Circuits and Systems for Video Technology, 2006, 16, 896-903.	5.6	114
132	Hyper-Laplacian Regularized Multilinear Multiview Self-Representations for Clustering and Semisupervised Learning. IEEE Transactions on Cybernetics, 2020, 50, 572-586.	6.2	114
133	Multitraining Support Vector Machine for Image Retrieval. IEEE Transactions on Image Processing, 2006, 15, 3597-3601.	6.0	113
134	Context Aware Graph Convolution for Skeleton-Based Action Recognition. , 2020, , .		112
135	Shared Predictive Cross-Modal Deep Quantization. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 5292-5303.	7.2	111
136	Active multi-kernel domain adaptation for hyperspectral image classification. Pattern Recognition, 2018, 77, 306-315.	5.1	110
137	A Prior Neurophysiologic Knowledge Free Tensor-Based Scheme for Single Trial EEG Classification. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2009, 17, 107-115.	2.7	109
138	Saliency propagation from simple to difficult. , 2015, , .		108
139	Asymmetric Binary Coding for Image Search. IEEE Transactions on Multimedia, 2017, 19, 2022-2032.	5.2	108
140	Why ResNet Works? Residuals Generalize. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 5349-5362.	7.2	107
141	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
142	Pose-invariant face recognition with homography-based normalization. Pattern Recognition, 2017, 66, 144-152.	5.1	105
143	Progressive Reconstruction of Visual Structure for Image Inpainting. , 2019, , .		105
144	Learning a Mixture of Granularity-Specific Experts for Fine-Grained Categorization. , 2019, , .		105

#	ARTICLE	IF	CITATIONS
145	Transforming Cooling Optimization for Green Data Center via Deep Reinforcement Learning. IEEE Transactions on Cybernetics, 2020, 50, 2002-2013.	6.2	105
146	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
147	Learning to Rank for Blind Image Quality Assessment. IEEE Transactions on Neural Networks and Learning Systems, 2015, 26, 2275-2290.	7.2	104
148	Geometry-Aware Symmetric Domain Adaptation for Monocular Depth Estimation. , 2019, , .		104
149	Complex Object Correspondence Construction in Two-Dimensional Animation. IEEE Transactions on Image Processing, 2011, 20, 3257-3269.	6.0	103
150	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
151	Label Propagation via Teaching-to-Learn and Learning-to-Teach. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 1452-1465.	7.2	103
152	Holistic CNN Compression via Low-Rank Decomposition with Knowledge Transfer. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 2889-2905.	9.7	103
153	Syntax-Aware Action Targeting for Video Captioning. , 2020, , .		102
154	On Combining Biclustering Mining and AdaBoost for Breast Tumor Classification. IEEE Transactions on Knowledge and Data Engineering, 2020, 32, 728-738.	4.0	101
155	Negative Samples Analysis in Relevance Feedback. IEEE Transactions on Knowledge and Data Engineering, 2007, 19, 568-580.	4.0	99
156	Graph Edge Convolutional Neural Networks for Skeleton-Based Action Recognition. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 3047-3060.	7.2	99
157	Attention-GAN for Object Transfiguration in Wild Images. Lecture Notes in Computer Science, 2018, , 167-184.	1.0	99
158	Active Reranking for Web Image Search. IEEE Transactions on Image Processing, 2010, 19, 805-820.	6.0	97
159	Multi-View Object Retrieval via Multi-Scale Topic Models. IEEE Transactions on Image Processing, 2016, 25, 5814-5827.	6.0	97
160	Gated-GAN: Adversarial Gated Networks for Multi-Collection Style Transfer. IEEE Transactions on Image Processing, 2019, 28, 546-560.	6.0	97
161	Bayesian Tensor Approach for 3-D Face Modeling. IEEE Transactions on Circuits and Systems for Video Technology, 2008, 18, 1397-1410.	5.6	96
162	Color to Gray: Visual Cue Preservation. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2010, 32, 1537-1552.	9.7	96

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163	Deformed Graph Laplacian for Semisupervised Learning. IEEE Transactions on Neural Networks and Learning Systems, 2015, 26, 2261-2274.	7.2	96
164	Semantic Structure-based Unsupervised Deep Hashing. , 2018, , .		96
165	A Relay Level Set Method for Automatic Image Segmentation. IEEE Transactions on Systems, Man, and Cybernetics, 2011, 41, 518-525.	5.5	95
166	Subspaces Indexing Model on Grassmann Manifold for Image Search. IEEE Transactions on Image Processing, 2011, 20, 2627-2635.	6.0	95
167	m-SNE: Multiview Stochastic Neighbor Embedding. IEEE Transactions on Systems, Man, and Cybernetics, 2011, 41, 1088-1096.	5.5	94
168	Database Saliency for Fast Image Retrieval. IEEE Transactions on Multimedia, 2015, 17, 359-369.	5.2	94
169	Multiple Representations-Based Face Sketchâ€"Photo Synthesis. IEEE Transactions on Neural Networks and Learning Systems, 2016, 27, 2201-2215.	7.2	94
170	Algorithm-Dependent Generalization Bounds for Multi-Task Learning. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2017, 39, 227-241.	9.7	94
171	Tensor Rank One Discriminant Analysisâ€"A convergent method for discriminative multilinear subspace selection. Neurocomputing, 2008, 71, 1866-1882.	3.5	93
172	DistillHash: Unsupervised Deep Hashing by Distilling Data Pairs. , 2019, , .		93
173	Sparse transfer learning for interactive video search reranking. ACM Transactions on Multimedia Computing, Communications and Applications, 2012, 8, 1-19.	3.0	92
174	Semantic-Gap-Oriented Active Learning for Multilabel Image Annotation. IEEE Transactions on Image Processing, 2012, 21, 2354-2360.	6.0	92
175	On Combining Multiple Features for Cartoon Character Retrieval and Clip Synthesis. IEEE Transactions on Systems, Man, and Cybernetics, 2012, 42, 1413-1427.	5.5	91
176	Experimental Quantum Generative Adversarial Networks for Image Generation. Physical Review Applied, 2021, 16, .	1.5	87
177	A Nonlinear Adaptive Level Set for Image Segmentation. IEEE Transactions on Cybernetics, 2014, 44, 418-428.	6.2	85
178	Image Ratio Features for Facial Expression Recognition Application. IEEE Transactions on Systems, Man, and Cybernetics, 2010, 40, 779-788.	5.5	84
179	A Unified Tensor Level Set for Image Segmentation. IEEE Transactions on Systems, Man, and Cybernetics, 2010, 40, 857-867.	5.5	83
180	Group Sparse Multiview Patch Alignment Framework With View Consistency for Image Classification. IEEE Transactions on Image Processing, 2014, 23, 3126-3137.	6.0	83

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181	Video Saliency Detection Using Object Proposals. IEEE Transactions on Cybernetics, 2018, 48, 3159-3170.	6.2	81
182	A Survey on Canonical Correlation Analysis. IEEE Transactions on Knowledge and Data Engineering, 2021, 33, 2349-2368.	4.0	81
183	Adaptive Context-Aware Multi-Modal Network for Depth Completion. IEEE Transactions on Image Processing, 2021, 30, 5264-5276.	6.0	81
184	Large Margin Multi-Modal Multi-Task Feature Extraction for Image Classification. IEEE Transactions on Image Processing, 2016, 25, 414-427.	6.0	80
185	Collect and Select: Semantic Alignment Metric Learning for Few-Shot Learning. , 2019, , .		80
186	Discriminative Locality Alignment. Lecture Notes in Computer Science, 2008, , 725-738.	1.0	80
187	Top-k Feature Selection Framework Using Robust 0–1 Integer Programming. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 3005-3019.	7.2	79
188	Query-Adaptive Reciprocal Hash Tables for Nearest Neighbor Search. IEEE Transactions on Image Processing, 2016, 25, 907-919.	6.0	78
189	Heterogeneous Face Recognition: A Common Encoding Feature Discriminant Approach. IEEE Transactions on Image Processing, 2017, 26, 2079-2089.	6.0	78
190	A Unified Learning Framework for Single Image Super-Resolution. IEEE Transactions on Neural Networks and Learning Systems, 2014, 25, 780-792.	7.2	77
191	Zernike-Moment-Based Image Super Resolution. IEEE Transactions on Image Processing, 2011, 20, 2738-2747.	6.0	76
192	A Biologically Inspired Appearance Model for Robust Visual Tracking. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 2357-2370.	7.2	76
193	A maximum entropy feature descriptor for age invariant face recognition. , 2015, , .		75
194	A Regularization Approach for Instance-Based Superset Label Learning. IEEE Transactions on Cybernetics, 2018, 48, 967-978.	6.2	75
195	Robust Graph-Based Semisupervised Learning for Noisy Labeled Data via Maximum Correntropy Criterion. IEEE Transactions on Cybernetics, 2019, 49, 1440-1453.	6.2	75
196	Discriminative Orthogonal Neighborhood-Preserving Projections for Classification. IEEE Transactions on Systems, Man, and Cybernetics, 2010, 40, 253-263.	5.5	74
197	Biologically Inspired Features for Scene Classification in Video Surveillance. IEEE Transactions on Systems, Man, and Cybernetics, 2011, 41, 307-313.	5.5	74
198	Binary Two-Dimensional PCA. IEEE Transactions on Systems, Man, and Cybernetics, 2008, 38, 1176-1180.	5.5	72

#	Article	IF	Citations
199	Sparse Unsupervised Dimensionality Reduction for Multiple View Data. IEEE Transactions on Circuits and Systems for Video Technology, 2012, 22, 1485-1496.	5.6	72
200	Distributed Adaptive Binary Quantization for Fast Nearest Neighbor Search. IEEE Transactions on Image Processing, 2017, 26, 5324-5336.	6.0	71
201	Double Shrinking Sparse Dimension Reduction. IEEE Transactions on Image Processing, 2013, 22, 244-257.	6.0	70
202	Unified Photo Enhancement by Discovering Aesthetic Communities From Flickr. IEEE Transactions on Image Processing, 2016, 25, 1124-1135.	6.0	70
203	Truncated Cauchy Non-Negative Matrix Factorization. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 246-259.	9.7	70
204	A new approach for face recognition by sketches in photos. Signal Processing, 2009, 89, 1576-1588.	2.1	69
205	No-reference image quality assessment in contourlet domain. Neurocomputing, 2010, 73, 784-794.	3.5	69
206	A Multifeature Tensor for Remote-Sensing Target Recognition. IEEE Geoscience and Remote Sensing Letters, 2011, 8, 374-378.	1.4	68
207	Unsupervised transfer learning for target detection from hyperspectral images. Neurocomputing, 2013, 120, 72-82.	3.5	68
208	Improving Level Set Method for Fast Auroral Oval Segmentation. IEEE Transactions on Image Processing, 2014, 23, 2854-2865.	6.0	68
209	Multi-view manifold learning with locality alignment. Pattern Recognition, 2018, 78, 154-166.	5.1	67
210	Transferring Knowledge Fragments for Learning Distance Metric from a Heterogeneous Domain. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 1013-1026.	9.7	67
211	Enhanced Tensor RPCA and its Application. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 2133-2140.	9.7	67
212	Multimodal biometrics using geometry preserving projections. Pattern Recognition, 2008, 41, 805-813.	5.1	66
213	Conditional Graphical Lasso for Multi-label Image Classification. , 2016, , .		66
214	Deep Metric Learning With Tuplet Margin Loss. , 2019, , .		66
215	Enhanced Biologically Inspired Model for Object Recognition. IEEE Transactions on Systems, Man, and Cybernetics, 2011, 41, 1668-1680.	5.5	65
216	Robust Multitask Multiview Tracking in Videos. IEEE Transactions on Neural Networks and Learning Systems, 2015, 26, 2874-2890.	7.2	65

#	Article	IF	Citations
217	Non-Local Auto-Encoder With Collaborative Stabilization for Image Restoration. IEEE Transactions on Image Processing, 2016, 25, 2117-2129.	6.0	65
218	Query-Adaptive Hash Code Ranking for Large-Scale Multi-View Visual Search. IEEE Transactions on Image Processing, 2016, 25, 4514-4524.	6.0	65
219	Cross-Domain Human Action Recognition. IEEE Transactions on Systems, Man, and Cybernetics, 2012, 42, 298-307.	5.5	64
220	Embedding Motion and Structure Features for Action Recognition. IEEE Transactions on Circuits and Systems for Video Technology, 2013, 23, 1182-1190.	5.6	64
221	Multiobject Tracking by Submodular Optimization. IEEE Transactions on Cybernetics, 2019, 49, 1990-2001.	6.2	64
222	Modality Mixture Projections for Semantic Video Event Detection. IEEE Transactions on Circuits and Systems for Video Technology, 2008, 18, 1587-1596.	5.6	63
223	Three-Dimensional Face Reconstruction From a Single Image by a Coupled RBF Network. IEEE Transactions on Image Processing, 2012, 21, 2887-2897.	6.0	63
224	Local histogram based geometric invariant image watermarking. Signal Processing, 2010, 90, 3256-3264.	2.1	62
225	Dual-Transfer Face Sketchâ€"Photo Synthesis. IEEE Transactions on Image Processing, 2019, 28, 642-657.	6.0	62
226	Local Rademacher Complexity for Multi-Label Learning. IEEE Transactions on Image Processing, 2016, 25, 1495-1507.	6.0	61
227	Elastic Net Hypergraph Learning for Image Clustering and Semi-Supervised Classification. IEEE Transactions on Image Processing, 2017, 26, 452-463.	6.0	61
228	Heterogeneous Graph Attention Network for Unsupervised Multiple-Target Domain Adaptation. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 1992-2003.	9.7	61
229	FishEyeRecNet: A Multi-context Collaborative Deep Network for Fisheye Image Rectification. Lecture Notes in Computer Science, 2018, , 475-490.	1.0	61
230	Reversibility improved lossless data hiding. Signal Processing, 2009, 89, 2053-2065.	2.1	60
231	Reduced-Reference IQA in Contourlet Domain. IEEE Transactions on Systems, Man, and Cybernetics, 2009, 39, 1623-1627.	5.5	60
232	Greedy Batch-Based Minimum-Cost Flows for Tracking Multiple Objects. IEEE Transactions on Image Processing, 2017, 26, 4765-4776.	6.0	60
233	Robust Visual Tracking Revisited: From Correlation Filter to Template Matching. IEEE Transactions on Image Processing, 2018, 27, 2777-2790.	6.0	60
234	Robust lossless data hiding using clustering and statistical quantity histogram. Neurocomputing, 2012, 77, 1-11.	3.5	59

#	Article	IF	Citations
235	Visual Reranking through Weakly Supervised Multi-graph Learning. , 2013, , .		59
236	Supervised Discrete Hashing With Relaxation. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 608-617.	7.2	59
237	Stagewise Unsupervised Domain Adaptation With Adversarial Self-Training for Road Segmentation of Remote-Sensing Images. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	2.7	59
238	Cortical Gyrification and Sulcal Spans in Early Stage Alzheimer's Disease. PLoS ONE, 2012, 7, e31083.	1.1	58
239	On the Performance of Manhattan Nonnegative Matrix Factorization. IEEE Transactions on Neural Networks and Learning Systems, 2016, 27, 1851-1863.	7.2	58
240	FeatureFlow: Robust Video Interpolation via Structure-to-Texture Generation. , 2020, , .		58
241	Stroke Controllable Fast Style Transfer with Adaptive Receptive Fields. Lecture Notes in Computer Science, 2018, , 244-260.	1.0	58
242	Supervised Gaussian Process Latent Variable Model for Dimensionality Reduction. IEEE Transactions on Systems, Man, and Cybernetics, 2011, 41, 425-434.	5.5	57
243	Weakly Supervised Multi-Graph Learning for Robust Image Reranking. IEEE Transactions on Multimedia, 2014, 16, 785-795.	5.2	57
244	Local Metric Learning for Exemplar-Based Object Detection. IEEE Transactions on Circuits and Systems for Video Technology, 2014, 24, 1265-1276.	5.6	57
245	On Exploring Undetermined Relationships for Visual Relationship Detection. , 2019, , .		57
246	Multi-Sensor Centralized Fusion without Measurement Noise Covariance by Variational Bayesian Approximation. IEEE Transactions on Aerospace and Electronic Systems, 2011, 47, 718-272.	2.6	56
247	Local discriminative distance metrics ensemble learning. Pattern Recognition, 2013, 46, 2337-2349.	5.1	56
248	Adversarial Examples for Hamming Space Search. IEEE Transactions on Cybernetics, 2020, 50, 1473-1484.	6.2	56
249	Heterogeneous image transformation. Pattern Recognition Letters, 2013, 34, 77-84.	2.6	55
250	Two-Stream Deep Hashing With Class-Specific Centers for Supervised Image Search. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 2189-2201.	7.2	55
251	Multi-view common component discriminant analysis for cross-view classification. Pattern Recognition, 2019, 92, 37-51.	5.1	54
252	Local face sketch synthesis learning. Neurocomputing, 2008, 71, 1921-1930.	3.5	53

#	Article	IF	Citations
253	Which Components are Important for Interactive Image Searching?. IEEE Transactions on Circuits and Systems for Video Technology, 2008, 18, 3-11.	5.6	53
254	Interacting Tracklets for Multi-Object Tracking. IEEE Transactions on Image Processing, 2018, 27, 4585-4597.	6.0	53
255	Tag-based social image search with visual-text joint hypergraph learning. , 2011, , .		52
256	Correcting the Triplet Selection Bias for Triplet Loss. Lecture Notes in Computer Science, 2018, , 71-86.	1.0	52
257	Nighttime Dehazing with a Synthetic Benchmark. , 2020, , .		52
258	Image categorization: Graph edit direction histogram. Pattern Recognition, 2008, 41, 3179-3191.	5.1	51
259	Single Image Superresolution via Directional Group Sparsity and Directional Features. IEEE Transactions on Image Processing, 2015, 24, 2874-2888.	6.0	51
260	Simple to Complex Transfer Learning for Action Recognition. IEEE Transactions on Image Processing, 2016, 25, 949-960.	6.0	51
261	Packing Convolutional Neural Networks in the Frequency Domain. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 2495-2510.	9.7	51
262	Joint Deep Multi-View Learning for Image Clustering. IEEE Transactions on Knowledge and Data Engineering, 2021, 33, 3594-3606.	4.0	51
263	Human Carrying Status in Visual Surveillance. , 0, , .		50
264	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
265	Robust Subspace Clustering by Cauchy Loss Function. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 2067-2078.	7.2	50
266	Toward Realistic Face Photoâ€"Sketch Synthesis via Composition-Aided GANs. IEEE Transactions on Cybernetics, 2021, 51, 4350-4362.	6.2	50
267	End2End Occluded Face Recognition by Masking Corrupted Features. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 6939-6952.	9.7	50
268	KPCA for semantic object extraction in images. Pattern Recognition, 2008, 41, 3244-3250.	5.1	49
269	On Combining Morphological Component Analysis and Concentric Morphology Model for Mammographic Mass Detection. IEEE Transactions on Information Technology in Biomedicine, 2010, 14, 266-273.	3.6	49
270	General Averaged Divergence Analysis. , 2007, , .		48

#	Article	IF	Citations
271	Parallelized Evolutionary Learning for Detection of Biclusters in Gene Expression Data. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2012, 9, 560-570.	1.9	48
272	Augmenting Strong Supervision Using Web Data for Fine-Grained Categorization. , 2015, , .		48
273	Large-Cone Nonnegative Matrix Factorization. IEEE Transactions on Neural Networks and Learning Systems, 2016, 28, 1-14.	7.2	48
274	Manifold Regularized Dynamic Network Pruning. , 2021, , .		48
275	Transductive Component Analysis. , 2008, , .		47
276	Binary Sparse Nonnegative Matrix Factorization. IEEE Transactions on Circuits and Systems for Video Technology, 2009, 19, 772-777.	5.6	47
277	Photo-sketch synthesis and recognition based on subspace learning. Neurocomputing, 2010, 73, 840-852.	3.5	46
278	Compressed labeling on distilled labelsets for multi-label learning. Machine Learning, 2012, 88, 69-126.	3.4	46
279	Image-based 3D Human Pose Recovery by Multi-view Locality Sensitive Sparse Retrieval. IEEE Transactions on Industrial Electronics, 2014, , 1-1.	5.2	46
280	Fickâ€™s Law Assisted Propagation for Semisupervised Learning. IEEE Transactions on Neural Networks and Learning Systems, 2015, 26, 2148-2162.	7.2	46
281	An Empirical Study of Remote Sensing Pretraining. IEEE Transactions on Geoscience and Remote Sensing, 2023, 61, 1-20.	2.7	46
282	Dimensionality-Dependent Generalization Bounds for k-Dimensional Coding Schemes. Neural Computation, 2016, 28, 2213-2249.	1.3	45
283	BIT: Biologically Inspired Tracker. IEEE Transactions on Image Processing, 2016, 25, 1327-1339.	6.0	45
284	Relative Attribute SVM+ Learning for Age Estimation. IEEE Transactions on Cybernetics, 2016, 46, 827-839.	6.2	45
285	Learning Student Networks via Feature Embedding. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 25-35.	7.2	45
286	3D-FUTURE: 3D Furniture Shape with TextURE. International Journal of Computer Vision, 2021, 129, 3313-3337.	10.9	45
287	State-Aware Anti-Drift Object Tracking. IEEE Transactions on Image Processing, 2019, 28, 4075-4086.	6.0	44
288	Deep Coattention-Based Comparator for Relative Representation Learning in Person Re-Identification. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 722-735.	7.2	44

#	Article	IF	Citations
289	Semi-supervised sparse metric learning using alternating linearization optimization. , 2010, , .		43
290	Feature level analysis for 3D facial expression recognition. Neurocomputing, 2011, 74, 2135-2141.	3.5	43
291	Feature fusion for 3D hand gesture recognition by learning a shared hidden space. Pattern Recognition Letters, 2012, 33, 476-484.	2.6	43
292	Removing Turbulence Effect via Hybrid Total Variation and Deformation-Guided Kernel Regression. IEEE Transactions on Image Processing, 2016, 25, 4943-4958.	6.0	43
293	SPRNet: Single-Pixel Reconstruction for One-Stage Instance Segmentation. IEEE Transactions on Cybernetics, 2021, 51, 1731-1742.	6.2	43
294	Towards High Performance Human Keypoint Detection. International Journal of Computer Vision, 2021, 129, 2639-2662.	10.9	43
295	Content-adaptive reliable robust lossless data embedding. Neurocomputing, 2012, 79, 1-11.	3.5	42
296	SERF: A Simple, Effective, Robust, and Fast Image Super-Resolver From Cascaded Linear Regression. IEEE Transactions on Image Processing, 2016, 25, 4091-4102.	6.0	42
297	Coarse-to-Fine Learning for Single-Image Super-Resolution. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 1109-1122.	7.2	42
298	Vision-Assisted Autonomous Lower-Limb Exoskeleton Robot. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 3759-3770.	5.9	42
299	Online Multiple Object Tracking with Cross-Task Synergy. , 2021, , .		42
300	Deep Multimodal Neural Architecture Search. , 2020, , .		42
301	A cascade fusion scheme for gait and cumulative foot pressure image recognition. Pattern Recognition, 2012, 45, 3603-3610.	5.1	41
302	Diverse Expected Gradient Active Learning for Relative Attributes. IEEE Transactions on Image Processing, 2014, 23, 3203-3217.	6.0	41
303	Dictionary Pair Learning on Grassmann Manifolds for Image Denoising. IEEE Transactions on Image Processing, 2015, 24, 4556-4569.	6.0	41
304	Discriminative Multi-View Interactive Image Re-Ranking. IEEE Transactions on Image Processing, 2017, 26, 3113-3127.	6.0	41
305	Dynamically Modulated Mask Sparse Tracking. IEEE Transactions on Cybernetics, 2017, 47, 3706-3718.	6.2	41
306	Improving Training of Deep Neural Networks via Singular Value Bounding. , 2017, , .		41

#	Article	IF	Citations
307	Weakly Supervised Multiclass Video Segmentation. , 2014, , .		40
308	SynFace: Face Recognition with Synthetic Data. , 2021, , .		40
309	Visual saliency detection using information divergence. Pattern Recognition, 2013, 46, 2658-2669.	5.1	39
310	FaLRR: A fast low rank representation solver. , 2015, , .		39
311	p-Laplacian Regularized Sparse Coding for Human Activity Recognition. IEEE Transactions on Industrial Electronics, 2016, , 1-1.	5.2	39
312	CRISPR/Cas9 cleavage efficiency regression through boosting algorithms and Markov sequence profiling. Bioinformatics, 2018, 34, 3069-3077.	1.8	39
313	Large-Margin Label-Calibrated Support Vector Machines for Positive and Unlabeled Learning. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 3471-3483.	7.2	39
314	Autoencoder-based cluster ensembles for single-cell RNA-seq data analysis. BMC Bioinformatics, 2019, 20, 660.	1.2	39
315	Robust Kernelized Multiview Self-Representation for Subspace Clustering. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 868-881.	7.2	39
316	Multi-Sentence Auxiliary Adversarial Networks for Fine-Grained Text-to-Image Synthesis. IEEE Transactions on Image Processing, 2021, 30, 2798-2809.	6.0	39
317	Quantum noise protects quantum classifiers against adversaries. Physical Review Research, 2021, 3, .	1.3	39
318	Multivariate Multilinear Regression. IEEE Transactions on Systems, Man, and Cybernetics, 2012, 42, 1560-1573.	5.5	38
319	Simple Exponential Family PCA. IEEE Transactions on Neural Networks and Learning Systems, 2013, 24, 485-497.	7.2	38
320	Multi-task proximal support vector machine. Pattern Recognition, 2015, 48, 3249-3257.	5.1	38
321	Asymmetric Cross-Guided Attention Network for Actor and Action Video Segmentation From Natural Language Query. , 2019, , .		38
322	VR-SGD: A Simple Stochastic Variance Reduction Method for Machine Learning. IEEE Transactions on Knowledge and Data Engineering, 2020, 32, 188-202.	4.0	38
323	Progressive Cross-Modal Semantic Network for Zero-Shot Sketch-Based Image Retrieval. IEEE Transactions on Image Processing, 2020, 29, 8892-8902.	6.0	38
324	Multi-Task Learning With Coarse Priors for Robust Part-Aware Person Re-Identification. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 1474-1488.	9.7	38

#	ARTICLE	IF	CITATIONS
325	Exploring Sequence Feature Alignment for Domain Adaptive Detection Transformers. , 2021, , .		38
326	Constrained Empirical Risk Minimization Framework for Distance Metric Learning. IEEE Transactions on Neural Networks and Learning Systems, 2012, 23, 1194-1205.	7.2	37
327	Grassmannian Regularized Structured Multi-View Embedding for Image Classification. IEEE Transactions on Image Processing, 2013, 22, 2646-2660.	6.0	37
328	GoDec+: Fast and Robust Low-Rank Matrix Decomposition Based on Maximum Correntropy. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 2323-2336.	7.2	37
329	Incorporating Distribution Matching into Uncertainty for Multiple Kernel Active Learning. IEEE Transactions on Knowledge and Data Engineering, 2021, 33, 128-142.	4.0	37
330	Brain Age Estimation From MRI Using Cascade Networks With Ranking Loss. IEEE Transactions on Medical Imaging, 2021, 40, 3400-3412.	5.4	37
331	Exploiting Local Coherent Patterns for Unsupervised Feature Ranking. IEEE Transactions on Systems, Man, and Cybernetics, 2011, 41, 1471-1482.	5.5	36
332	Mammographic mass segmentation: Embedding multiple features in vector-valued level set in ambiguous regions. Pattern Recognition, 2011, 44, 1903-1915.	5.1	36
333	Common Feature Discriminant Analysis for Matching Infrared Face Images to Optical Face Images. IEEE Transactions on Image Processing, 2014, 23, 2436-2445.	6.0	36
334	Two-Dimensional Whitening Reconstruction for Enhancing Robustness of Principal Component Analysis. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2016, 38, 2130-2136.	9.7	36
335	Patch Alignment Manifold Matting. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 3214-3226.	7.2	36
336	DSP: Dual Soft-Paste for Unsupervised Domain Adaptive Semantic Segmentation. , 2021, , .		36
337	Generalization performance of magnitude-preserving semi-supervised ranking with graph-based regularization. Information Sciences, 2013, 221, 284-296.	4.0	35
338	Biclustering Learning of Trading Rules. IEEE Transactions on Cybernetics, 2015, 45, 2287-2298.	6.2	35
339	Training Robust Deep Neural Networks via Adversarial Noise Propagation. IEEE Transactions on Image Processing, 2021, 30, 5769-5781.	6.0	35
340	SPAGAN: Shortest Path Graph Attention Network. , 2019, , .		35
341	IDRLP: Image Dehazing Using Region Line Prior. IEEE Transactions on Image Processing, 2021, 30, 9043-9057.	6.0	35
342	Bridging Composite and Real: Towards End-to-End Deep Image Matting. International Journal of Computer Vision, 2022, 130, 246-266.	10.9	35

#	Article	IF	Citations
343	Efficient Measure for the Expressivity of Variational Quantum Algorithms. Physical Review Letters, 2022, 128, 080506.	2.9	35
344	Color Biological Features-Based Solder Paste Defects Detection and Classification on Printed Circuit Boards. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2012, 2, 1536-1544.	1.4	34
345	Special Issue on Artificial Intelligence and Machine Learning for Networking and Communications. IEEE Journal on Selected Areas in Communications, 2019, 37, 1185-1191.	9.7	34
346	Not All Parts Are Created Equal: 3D Pose Estimation by Modeling Bi-Directional Dependencies of Body Parts. , 2019, , .		34
347	Face Sketch-Photo Synthesis under Multi-dictionary Sparse Representation Framework. , 2011, , .		33
348	A modified stochastic neighbor embedding for multi-feature dimension reduction of remote sensing images. ISPRS Journal of Photogrammetry and Remote Sensing, 2013, 83, 30-39.	4.9	33
349	Detecting Human-Object Interaction via Fabricated Compositional Learning. , 2021, , .		33
350	Image quality assessment and human visual system. Proceedings of SPIE, 2010, , .	0.8	32
351	Kernel Learning for Dynamic Texture Synthesis. IEEE Transactions on Image Processing, 2016, 25, 4782-4795.	6.0	32
352	DCT Regularized Extreme Visual Recovery. IEEE Transactions on Image Processing, 2017, 26, 3360-3371.	6.0	32
353	On Better Exploring and Exploiting Task Relationships in Multitask Learning: Joint Model and Feature Learning. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 1975-1985.	7.2	32
354	Optimizing Latent Distributions for Non-Adversarial Generative Networks. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2020, PP, 1-1.	9.7	32
355	Wavelet-based contourlet in quality evaluation of digital images. Neurocomputing, 2008, 72, 378-385.	3.5	31
356	A natural image quality evaluation metric. Signal Processing, 2009, 89, 548-555.	2.1	31
357	NESVM: A Fast Gradient Method for Support Vector Machines. , 2010, , .		31
358	Evolutionary Cross-Domain Discriminative Hessian Eigenmaps. IEEE Transactions on Image Processing, 2010, 19, 1075-1086.	6.0	31
359	Image quality assessment based on S-CIELAB model. Signal, Image and Video Processing, 2011, 5, 283-290.	1.7	31
360	No Reference Quality Assessment for Multiply-Distorted Images Based on an Improved Bag-of-Words Model. IEEE Signal Processing Letters, 2015, 22, 1811-1815.	2.1	31

#	Article	IF	Citations
361	Image-Question-Answer Synergistic Network for Visual Dialog. , 2019, , .		31
362	Enhancing the Robustness of Neural Collaborative Filtering Systems Under Malicious Attacks. IEEE Transactions on Multimedia, 2019, 21, 555-565.	5.2	31
363	Learnability of Quantum Neural Networks. PRX Quantum, 2021, 2, .	3.5	31
364	Quantum circuit architecture search for variational quantum algorithms. Npj Quantum Information, 2022, 8, .	2.8	31
365	Grapy-ML: Graph Pyramid Mutual Learning for Cross-Dataset Human Parsing. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 10949-10956.	3.6	30
366	Incremental tensor biased discriminant analysis: A new color-based visual tracking method. Neurocomputing, 2010, 73, 827-839.	3.5	29
367	DERF: Distinctive Efficient Robust Features From the Biological Modeling of the P Ganglion Cells. IEEE Transactions on Image Processing, 2015, 24, 2287-2302.	6.0	29
368	Compositional Attention Networks With Two-Stream Fusion for Video Question Answering. IEEE Transactions on Image Processing, 2020, 29, 1204-1218.	6.0	29
369	Principal Component Adversarial Example. IEEE Transactions on Image Processing, 2020, 29, 4804-4815.	6.0	29
370	Multi-layer multi-view topic model for classifying advertising video. Pattern Recognition, 2017, 68, 66-81.	5.1	28
371	Heterogeneous Multitask Metric Learning Across Multiple Domains. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 4051-4064.	7.2	28
372	Anchor Cascade for Efficient Face Detection. IEEE Transactions on Image Processing, 2019, 28, 2490-2501.	6.0	28
373	Ensemble Teaching for Hybrid Label Propagation. IEEE Transactions on Cybernetics, 2019, 49, 388-402.	6.2	28
374	Motion-Aware Rapid Video Saliency Detection. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 4887-4898.	5.6	28
375	Siamese Local and Global Networks for Robust Face Tracking. IEEE Transactions on Image Processing, 2020, 29, 9152-9164.	6.0	28
376	Retrieval based interactive cartoon synthesis via unsupervised bi-distance metric learning. , 2009, , .		27
377	Limited relationships between two-year changes in sulcal morphology and other common neuroimaging indices in the elderly. NeuroImage, 2013, 83, 12-17.	2.1	27
378	Robust Dual Clustering with Adaptive Manifold Regularization. IEEE Transactions on Knowledge and Data Engineering, 2017, 29, 2498-2509.	4.0	27

#	Article	IF	Citations
379	Self-Supervised Multiscale Adversarial Regression Network for Stereo Disparity Estimation. IEEE Transactions on Cybernetics, 2021, 51, 4770-4783.	6.2	27
380	Recursive Context Routing for Object Detection. International Journal of Computer Vision, 2021, 129, 142-160.	10.9	27
381	Loss Decomposition and Centroid Estimation for Positive and Unlabeled Learning. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 918-932.	9.7	27
382	Self-Training With Progressive Representation Enhancement for Unsupervised Cross-Domain Person Re-Identification. IEEE Transactions on Image Processing, 2021, 30, 5287-5298.	6.0	27
383	Face sketch-photo synthesis based on support vector regression. , 2011, , .		26
384	Semi-online Multi-people Tracking by Re-identification. International Journal of Computer Vision, 2020, 128, 1937-1955.	10.9	26
385	Robust learning with imperfect privileged information. Artificial Intelligence, 2020, 282, 103246.	3.9	26
386	Staged Sketch-to-Image Synthesis via Semi-supervised Generative Adversarial Networks. IEEE Transactions on Multimedia, 2021, 23, 2694-2705.	5.2	26
387	Ensemble manifold regularization. , 2009, , .		25
388	Biologically inspired feature manifold for gait recognition. Neurocomputing, 2010, 73, 895-902.	3.5	25
389	Semi-supervised Gaussian process latent variable model with pairwise constraints. Neurocomputing, 2010, 73, 2186-2195.	3.5	25
390	Toward the Optimization of Normalized Graph Laplacian. IEEE Transactions on Neural Networks, 2011, 22, 660-666.	4.8	25
391	Learning a Tracking and Estimation Integrated Graphical Model for Human Pose Tracking. IEEE Transactions on Neural Networks and Learning Systems, 2015, 26, 3176-3186.	7.2	25
392	Balance control of a biped robot on a rotating platform based on efficient reinforcement learning. IEEE/CAA Journal of Automatica Sinica, 2019, 6, 938-951.	8.5	25
393	Early Expression Detection via Online Multi-Instance Learning With Nonlinear Extension. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 1486-1496.	7.2	25
394	On Positive-Unlabeled Classification in GAN. , 2020, , .		25
395	Short-Term Lesion Change Detection for Melanoma Screening With Novel Siamese Neural Network. IEEE Transactions on Medical Imaging, 2021, 40, 840-851.	5.4	25
396	Local Feature Based Geometric-Resistant Image Information Hiding. Cognitive Computation, 2010, 2, 68-77.	3.6	24

#	ARTICLE	IF	CITATIONS
397	Transfer latent variable model based on divergence analysis. Pattern Recognition, 2011, 44, 2358-2366.	5.1	24
398	Peripapillary Atrophy Detection by Sparse Biologically Inspired Feature Manifold. IEEE Transactions on Medical Imaging, 2012, 31, 2355-2365.	5.4	24
399	On Preserving Original Variables in Bayesian PCA With Application to Image Analysis. IEEE Transactions on Image Processing, 2012, 21, 4830-4843.	6.0	24
400	Difficulty Guided Image Retrieval Using Linear Multiple Feature Embedding. IEEE Transactions on Multimedia, 2012, 14, 1618-1630.	5.2	24
401	Robust Object Tracking With Discrete Graph-Based Multiple Experts. IEEE Transactions on Image Processing, 2017, 26, 2736-2750.	6.0	24
402	Deep Multi-View Learning Using Neuron-Wise Correlation-Maximizing Regularizers. IEEE Transactions on Image Processing, 2019, 28, 5121-5134.	6.0	24
403	CDPM: Convolutional Deformable Part Models for Semantically Aligned Person Re-Identification. IEEE Transactions on Image Processing, 2020, 29, 3416-3428.	6.0	24
404	Orthogonal Deep Neural Networks. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 1352-1368.	9.7	24
405	Batch Coherence-Driven Network for Part-Aware Person Re-Identification. IEEE Transactions on Image Processing, 2021, 30, 3405-3418.	6.0	24
406	Collaborative Pushing and Grasping of Tightly Stacked Objects via Deep Reinforcement Learning. IEEE/CAA Journal of Automatica Sinica, 2022, 9, 135-145.	8.5	24
407	Polysemy Deciphering Network for Robust Human–Object Interaction Detection. International Journal of Computer Vision, 2021, 129, 1910-1929.	10.9	24
408	Multi-Positive and Unlabeled Learning. , 2017, , .		24
409	LOCAL COORDINATES ALIGNMENT (LCA): A NOVEL MANIFOLD LEARNING APPROACH. International Journal of Pattern Recognition and Artificial Intelligence, 2008, 22, 667-690.	0.7	23
410	Aurora image segmentation by combining patch and texture thresholding. Computer Vision and Image Understanding, 2011, 115, 390-402.	3.0	23
411	Multiview Locally Linear Embedding for Effective Medical Image Retrieval. PLoS ONE, 2013, 8, e82409.	1.1	23
412	Nonnegative Multiresolution Representation-Based Texture Image Classification. ACM Transactions on Intelligent Systems and Technology, 2015, 7, 1-21.	2.9	23
413	Perceptual Attributes Optimization for Multivideo Summarization. IEEE Transactions on Cybernetics, 2016, 46, 2991-3003.	6.2	23
414	Distilling Channels for Efficient Deep Tracking. IEEE Transactions on Image Processing, 2020, 29, 2610-2621.	6.0	23

#	Article	IF	Citations
415	Towards understanding the power of quantum kernels in the NISQ era. Quantum - the Open Journal for Quantum Science, 0, 5, 531.	0.0	23
416	Visual-Context Boosting for Eye Detection. IEEE Transactions on Systems, Man, and Cybernetics, 2010, 40, 1460-1467.	5.5	22
417	Discriminant Projective Non-Negative Matrix Factorization. PLoS ONE, 2013, 8, e83291.	1.1	22
418	On the robustness and generalization of Cauchy regression. , 2014, , .		22
419	Robust Student Network Learning. IEEE Transactions on Neural Networks and Learning Systems, 2019, 31, 1-14.	7.2	22
420	Homologous Component Analysis for Domain Adaptation. IEEE Transactions on Image Processing, 2020, 29, 1074-1089.	6.0	22
421	Multi-task Compositional Network for Visual Relationship Detection. International Journal of Computer Vision, 2020, 128, 2146-2165.	10.9	22
422	3D Skeletal Gesture Recognition via Hidden States Exploration. IEEE Transactions on Image Processing, 2020, 29, 4583-4597.	6.0	22
423	Understanding How Feature Structure Transfers in Transfer Learning. , 2017, , .		22
424	A WAVELET-BASED IMAGE QUALITY ASSESSMENT METHOD. International Journal of Wavelets, Multiresolution and Information Processing, 2008, 06, 541-551.	0.9	21
425	Shot-based video retrieval with optical flow tensor and HMMs. Pattern Recognition Letters, 2009, 30, 140-147.	2.6	21
426	Video-based non-uniform object motion blur estimation and deblurring. Neurocomputing, 2012, 86, 170-178.	3.5	21
427	Robust 3D Face Landmark Localization Based on Local Coordinate Coding. IEEE Transactions on Image Processing, 2014, 23, 5108-5122.	6.0	21
428	A sparse and discriminative tensor to vector projection for human gait feature representation. Signal Processing, 2015, 106, 245-252.	2.1	21
429	Adaptive Data Structure Regularized Multiclass Discriminative Feature Selection. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 5859-5872.	7.2	21
430	Boundary-Assisted Region Proposal Networks for Nucleus Segmentation. Lecture Notes in Computer Science, 2020, , 279-288.	1.0	21
431	Spatiotemporal Attacks for Embodied Agents. Lecture Notes in Computer Science, 2020, , 122-138.	1.0	21
432	Fluid Micelle Network for Image Super-Resolution Reconstruction. IEEE Transactions on Cybernetics, 2023, 53, 578-591.	6.2	21

#	ARTICLE	IF	CITATIONS
433	Non-goal scene analysis for soccer video. Neurocomputing, 2011, 74, 540-548.	3.5	20
434	Tracking Human Pose Using Max-Margin Markov Models. IEEE Transactions on Image Processing, 2015, 24, 5274-5287.	6.0	20
435	Shape-Constrained Sparse and Low-Rank Decomposition for Auroral Substorm Detection. IEEE Transactions on Neural Networks and Learning Systems, 2016, 27, 32-46.	7.2	20
436	Biologically Inspired Tensor Features. Cognitive Computation, 2009, 1, 327-341.	3.6	19
437	Parallel Lasso for Large-Scale Video Concept Detection. IEEE Transactions on Multimedia, 2012, 14, 55-65.	5.2	19
438	ReS2TIM: Reconstruct Syntactic Structures from Table Images. , 2019, , .		19
439	Bi-Phase Evolutionary Searching for Biclusters in Gene Expression Data. IEEE Transactions on Evolutionary Computation, 2019, 23, 803-814.	7.5	19
440	A Hybrid Level Set With Semantic Shape Constraint for Object Segmentation. IEEE Transactions on Cybernetics, 2019, 49, 1558-1569.	6.2	19
441	Learning Unseen Concepts via Hierarchical Decomposition and Composition. , 2020, , .		19
442	Gait Phase Classification for a Lower Limb Exoskeleton System Based on a Graph Convolutional Network Model. IEEE Transactions on Industrial Electronics, 2022, 69, 4999-5008.	5.2	19
443	Privileged Multi-label Learning. , 2017, , .		19
444	Privacy-Preserving Portrait Matting. , 2021, , .		19
445	TGRNet: A Table Graph Reconstruction Network for Table Structure Recognition. , 2021, , .		19
446	Tensorized Bipartite Graph Learning for Multi-View Clustering. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, , 1-16.	9.7	19
447	Gabor texture in active appearance models. Neurocomputing, 2009, 72, 3174-3181.	3.5	18
448	Discriminative optical flow tensor for video semantic analysis. Computer Vision and Image Understanding, 2009, 113, 372-383.	3.0	18
449	View-Independent Behavior Analysis. IEEE Transactions on Systems, Man, and Cybernetics, 2009, 39, 1028-1035.	5.5	18
450	Entropy controlled Laplacian regularization for least square regression. Signal Processing, 2010, 90, 2043-2049.	2.1	18

#	Article	IF	Citations
451	Diversified dictionaries for multi-instance learning. Pattern Recognition, 2017, 64, 407-416.	5.1	18
452	SCE: A Manifold Regularized Set-Covering Method for Data Partitioning. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 1760-1773.	7.2	18
453	On Selecting Effective Patterns for Fast Support Vector Regression Training. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 3610-3622.	7.2	18
454	Correntropy-Induced Robust Low-Rank Hypergraph. IEEE Transactions on Image Processing, 2019, 28, 2755-2769.	6.0	18
455	Unveiling Hidden Implicit Similarities for Cross-Domain Recommendation. IEEE Transactions on Knowledge and Data Engineering, 2021, 33, 302-315.	4.0	18
456	A Grover-search based quantum learning scheme for classification. New Journal of Physics, 2021, 23, 023020.	1.2	18
457	Dual-Force Metric Learning for Robust Distracter-Resistant Tracker. Lecture Notes in Computer Science, 2012, , 513-527.	1.0	18
458	DUT: Learning Video Stabilization by Simply Watching Unstable Videos. IEEE Transactions on Image Processing, 2022, 31, 4306-4320.	6.0	18
459	Harmonic mean for subspace selection. , 2008, , .		17
460	3D human posture segmentation by spectral clustering with surface normal constraint. Signal Processing, 2011, 91, 2204-2212.	2.1	17
461	Locally regularized sliced inverse regression based 3D hand gesture recognition on a dance robot. Information Sciences, 2013, 221, 274-283.	4.0	17
462	Hessian-Regularized Co-Training for Social Activity Recognition. PLoS ONE, 2014, 9, e108474.	1.1	17
463	Efficient robust conditional random fields. IEEE Transactions on Image Processing, 2015, 24, 3124-3136.	6.0	17
464	Correlated Logistic Model With Elastic Net Regularization for Multilabel Image Classification. IEEE Transactions on Image Processing, 2016, 25, 3801-3813.	6.0	17
465	Classifying MCI Subtypes in Community-Dwelling Elderly Using Cross-Sectional and Longitudinal MRI-Based Biomarkers. Frontiers in Aging Neuroscience, 2017, 9, 309.	1.7	17
466	Variation in longitudinal trajectories of cortical sulci in normal elderly. NeuroImage, 2018, 166, 1-9.	2.1	17
467	User-Click-Data-Based Fine-Grained Image Recognition via Weakly Supervised Metric Learning. ACM Transactions on Multimedia Computing, Communications and Applications, 2018, 14, 1-23.	3.0	17
468	Laplacian Welsch Regularization for Robust Semisupervised Learning. IEEE Transactions on Cybernetics, 2022, 52, 164-177.	6.2	17

#	Article	IF	Citations
469	A Shape Transformation-based Dataset Augmentation Framework for Pedestrian Detection. International Journal of Computer Vision, 2021, 129, 1121-1138.	10.9	17
470	MRI-based Alzheimerâ€™s disease prediction via distilling the knowledge in multi-modal data. NeuroImage, 2021, 244, 118586.	2.1	17
471	Global-Local Interplay in Semantic Alignment for Few-Shot Learning. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 4351-4363.	5.6	17
472	Enhanced biologically inspired model. , 2008, , .		16
473	Recognizing Cartoon Image Gestures for Retrieval and Interactive Cartoon Clip Synthesis. IEEE Transactions on Circuits and Systems for Video Technology, 2010, 20, 1745-1756.	5.6	16
474	Single image super resolution with high resolution dictionary. , 2011, , .		16
475	Graph based transductive learning for cartoon correspondence construction. Neurocomputing, 2012, 79, 105-114.	3.5	16
476	DIAS: A Disassemble-Assemble Framework for Highly Sparse Text Clustering. , 2015, , .		16
477	Robust visual tracking via multi-graph ranking. Neurocomputing, 2015, 159, 35-43.	3.5	16
478	Quadratic divergence regularized SVM for optic disc segmentation. Biomedical Optics Express, 2017, 8, 2687.	1.5	16
479	Targeted Attention Attack on Deep Learning Models in Road Sign Recognition. IEEE Internet of Things Journal, 2021, 8, 4980-4990.	5.5	16
480	Terra: A Smart and Sensible Digital Twin Framework for Robust Robot Deployment in Challenging Environments. IEEE Internet of Things Journal, 2021, 8, 14039-14050.	5.5	16
481	Transferable Coupled Network for Zero-Shot Sketch-Based Image Retrieval. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 9181-9194.	9.7	16
482	Incremental learning of weighted tensor subspace for visual tracking. , 2009, , .		15
483	QUC-Tree: Integrating Query Context Information for Efficient Music Retrieval. IEEE Transactions on Multimedia, 2009, 11, 313-323.	5.2	15
484	Generalization Bounds of ERM-Based Learning Processes for Continuous-Time Markov Chains. IEEE Transactions on Neural Networks and Learning Systems, 2012, 23, 1872-1883.	7.2	15
485	A level set method with shape priors by using locality preserving projections. Neurocomputing, 2015, 170, 188-200.	3.5	15
486	Image Recognition by Predicted User Click Feature With Multidomain Multitask Transfer Deep Network. IEEE Transactions on Image Processing, 2019, 28, 6047-6062.	6.0	15

#	Article	IF	Citations
487	Eigenfunction-Based Multitask Learning in a Reproducing Kernel Hilbert Space. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 1818-1830.	7.2	15
488	Transforming Device Fingerprinting for Wireless Security via Online Multitask Metric Learning. IEEE Internet of Things Journal, 2020, 7, 208-219.	5.5	15
489	Deep Multiview Collaborative Clustering. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 516-526.	7.2	15
490	Bilinear Graph Networks for Visual Question Answering. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 1023-1034.	7.2	15
491	TimeAutoAD: Autonomous Anomaly Detection With Self-Supervised Contrastive Loss for Multivariate Time Series. IEEE Transactions on Network Science and Engineering, 2022, 9, 1604-1619.	4.1	15
492	Adapting Stochastic Block Models to Power-Law Degree Distributions. IEEE Transactions on Cybernetics, 2019, 49, 626-637.	6.2	14
493	Multi-Task Structure-Aware Context Modeling for Robust Keypoint-Based Object Tracking. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 915-927.	9.7	14
494	ASTS: A Unified Framework for Arbitrary Shape Text Spotting. IEEE Transactions on Image Processing, 2020, 29, 5924-5936.	6.0	14
495	Complementary, Heterogeneous and Adversarial Networks for Image-to-Image Translation. IEEE Transactions on Image Processing, 2021, 30, 3487-3498.	6.0	14
496	Classification and Representation Joint Learning via Deep Networks. , 2017, , .		14
497	Self-Supervised Pose Adaptation for Cross-Domain Image Animation. IEEE Transactions on Artificial Intelligence, 2020, 1, 34-46.	3.4	14
498	Robust Object Detection via Adversarial Novel Style Exploration. IEEE Transactions on Image Processing, 2022, 31, 1949-1962.	6.0	14
499	Visual music and musical vision. Neurocomputing, 2008, 71, 2023-2028.	3.5	13
500	Semantic Video Shot Segmentation Based on Color Ratio Feature and SVM. , 2008, , .		13
501	Interactive cartoon reusing by transfer learning. Signal Processing, 2012, 92, 2147-2158.	2.1	13
502	Temporal Variance Analysis for Action Recognition. IEEE Transactions on Image Processing, 2015, 24, 5904-5915.	6.0	13
503	Large Sparse Cone Non-negative Matrix Factorization for Image Annotation. ACM Transactions on Intelligent Systems and Technology, 2017, 8, 1-21.	2.9	13
504	A Light Dual-Task Neural Network for Haze Removal. IEEE Signal Processing Letters, 2018, 25, 1231-1235.	2.1	13

#	Article	IF	Citations
505	Toward efficient indexing structure for scalable content-based music retrieval. Multimedia Systems, 2019, 25, 639-653.	3.0	13
506	Extracting Auroral Key Local Structures From All‑Sky Auroral Images by Artificial Intelligence Technique. Journal of Geophysical Research: Space Physics, 2019, 124, 3512-3521.	0.8	13
507	World From Blur. , 2019, , .		13
508	Harnessing Side Information for Classification Under Label Noise. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 3178-3192.	7.2	13
509	CartoonLossGAN: Learning Surface and Coloring of Images for Cartoonization. IEEE Transactions on Image Processing, 2022, 31, 485-498.	6.0	13
510	HMM‑based graph edit distance for image indexing. International Journal of Imaging Systems and Technology, 2008, 18, 209-218.	2.7	12
511	Bayesian tensor analysis. , 2008, , .		12
512	Stroke Correspondence Construction Using Manifold Learning. Computer Graphics Forum, 2011, 30, 2194-2207.	1.8	12
513	Exponential Family Factors for Bayesian Factor Analysis. IEEE Transactions on Neural Networks and Learning Systems, 2013, 24, 964-976.	7.2	12
514	W-Tree Indexing for Fast Visual Word Generation. IEEE Transactions on Image Processing, 2013, 22, 1209-1222.	6.0	12
515	Box-constrained projective nonnegative matrix factorization via augmented Lagrangian method. , 2014, , .		12
516	Networked bandits with disjoint linear payoffs. , 2014, , .		12
517	Cross disease analysis of co-functional microRNA pairs on a reconstructed network of disease-gene-microRNA tripartite. BMC Bioinformatics, 2017, 18, 193.	1.2	12
518	Empirical Discriminative Tensor Analysis for Crime Forecasting. Lecture Notes in Computer Science, 2011, , 293-304.	1.0	12
519	Curvature Consistent Network for Microscope Chip Image Super-Resolution. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 10538-10551.	7.2	12
520	C1 units for scene classification. , 2008, , .		11
521	Invariant Image Watermarking Based on Local Feature Regions. , 2008, , .		11
522	Joint Sparse Learning for 3-D Facial Expression Generation. IEEE Transactions on Image Processing, 2013, 22, 3283-3295.	6.0	11

#	Article	IF	Citations
523	Regularized Large Margin Distance Metric Learning. , 2016, , .		11
524	Active Multitask Learning With Trace Norm Regularization Based on Excess Risk. IEEE Transactions on Cybernetics, 2017, 47, 3906-3915.	6.2	11
525	Global Hashing System for Fast Image Search. IEEE Transactions on Image Processing, 2017, 26, 79-89.	6.0	11
526	Long-Term Video Prediction via Criticization and Retrospection. IEEE Transactions on Image Processing, 2020, 29, 7090-7103.	6.0	11
527	FogChain: A Blockchain-Based Peer-to-Peer Solar Power Trading System Powered by Fog AI. IEEE Internet of Things Journal, 2022, 9, 5200-5215.	5.5	11
528	Probabilistic Tensor Analysis with Akaike and Bayesian Information Criteria. Lecture Notes in Computer Science, 2007, , 791-801.	1.0	11
529	HourNAS: Extremely Fast Neural Architecture Search Through an Hourglass Lens. , 2021, , .		11
530	I3CL: Intra- and Inter-Instance Collaborative Learning for Arbitrary-Shaped Scene Text Detection. International Journal of Computer Vision, 2022, 130, 1961-1977.	10.9	11
531	Nonparametric discriminant analysis in relevance feedback for content-based image retrieval. , 2004, , .		10
532	Texture representation in AAM using Gabor wavelet and local binary patterns. , 2009, , .		10
533	Discretized-Vapnik-Chervonenkis Dimension for Analyzing Complexity of Real Function Classes. IEEE Transactions on Neural Networks and Learning Systems, 2012, 23, 1461-1472.	7.2	10
534	Soft-constrained nonnegative matrix factorization via normalization. , 2014, , .		10
535	A deep structure for human pose estimation. Signal Processing, 2015, 108, 36-45.	2.1	10
536	Discriminative <roman>GoDec</roman>+ for Classification. IEEE Transactions on Signal Processing, 2017, 65, 3414-3429.	3.2	10
537	Robust Visual Tracking Using Multi-Frame Multi-Feature Joint Modeling. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 3673-3686.	5.6	10
538	Dualityfree Methods for Stochastic Composition Optimization. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 1205-1217.	7.2	10
539	Data Subset Selection With Imperfect Multiple Labels. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 2212-2221.	7.2	10
540	Edge-Sensitive Human Cutout With Hierarchical Granularity and Loopy Matting Guidance. IEEE Transactions on Image Processing, 2020, 29, 1177-1191.	6.0	10

#	Article	IF	Citations
541	Efficient Unsupervised Dimension Reduction for Streaming Multiview Data. IEEE Transactions on Cybernetics, 2022, 52, 1772-1784.	6.2	10
542	Hallucinating Visual Instances in Total Absentia. Lecture Notes in Computer Science, 2020, , 264-282.	1.0	10
543	Focal Biologically Inspired Feature for Glaucoma Type Classification. Lecture Notes in Computer Science, 2011, 14, 91-98.	1.0	10
544	Scene Essence. , 2021, , .		10
545	Visual Relationship Detection: A Survey. IEEE Transactions on Cybernetics, 2022, 52, 8453-8466.	6.2	10
546	Palmprint identification based on directional representation. Conference Proceedings IEEE International Conference on Systems, Man, and Cybernetics, 2008, , .	0.0	9
547	A Video Quality Assessment Metric Based on Human Visual System. Cognitive Computation, 2010, 2, 120-131.	3.6	9
548	Visual Reranking: From Objectives to Strategies. IEEE MultiMedia, 2011, 18, 12-21.	1.5	9
549	Biologically inspired model for crater detection. , 2011, , .		9
550	Social image annotation via cross-domain subspace learning. Multimedia Tools and Applications, 2012, 56, 91-108.	2.6	9
551	Biview face recognition in the shape–texture domain. Pattern Recognition, 2013, 46, 1906-1919.	5.1	9
552	Divide-and-Conquer Anchoring for Near-Separable Nonnegative Matrix Factorization and Completion in High Dimensions. , 2013, , .		9
553	Large-margin multi-view Gaussian process. Multimedia Systems, 2015, 21, 147-157.	3.0	9
554	Multi-label Active Learning Based on Maximum Correntropy Criterion: Towards Robust and Discriminative Labeling. Lecture Notes in Computer Science, 2016, , 453-468.	1.0	9
555	Tensor canonical correlation analysis for multi-view dimension reduction. , 2016, , .		9
556	Matrix Factorization for Collaborative Budget Allocation. IEEE Transactions on Automation Science and Engineering, 2018, 15, 1471-1482.	3.4	9
557	Classification with label noise: a Markov chain sampling framework. Data Mining and Knowledge Discovery, 2019, 33, 1468-1504.	2.4	9
558	Iterative Privileged Learning. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 2805-2817.	7.2	9

#	Article	IF	Citations
559	Cascaded Correlation Refinement for Robust Deep Tracking. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 1276-1288.	7.2	9
560	Fast Class-wise Updating for Online Hashing. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2020, PP, 1-1.	9.7	9
561	GAN-MDF: An Enabling Method for Multifidelity Data Fusion. IEEE Internet of Things Journal, 2022, 9, 13405-13415.	5.5	9
562	Object-Agnostic Transformers for Video Referring Segmentation. IEEE Transactions on Image Processing, 2022, 31, 2839-2849.	6.0	9
563	Towards Scale Consistent Monocular Visual Odometry by Learning from the Virtual World. , 2022, , .		9
564	Kernel full-space biased discriminant analysis. , 0, , .		8
565	Elapsed Time in Human Gait Recognition: A New Approach. , 0, , .		8
566	Incremental pairwise discriminant analysis based visual tracking. Neurocomputing, 2010, 74, 428-438.	3.5	8
567	Dayside aurora classification via BIFs-based sparse representation using manifold learning. International Journal of Computer Mathematics, 2014, 91, 2415-2426.	1.0	8
568	Exploration of Image Search Results Quality Assessment. IEEE Transactions on Big Data, 2015, 1, 95-108.	4.4	8
569	m-SNE: Multiview Stochastic Neighbor Embedding. Lecture Notes in Computer Science, 2010, , 338-346.	1.0	8
570	Imposing Semantic Consistency of Local Descriptors for Few-Shot Learning. IEEE Transactions on Image Processing, 2022, 31, 1587-1600.	6.0	8
571	A unifying framework for spectral analysis based dimensionality reduction. , 2008, , .		7
572	Biview Learning for Human Posture Segmentation from 3D Points Cloud. PLoS ONE, 2014, 9, e85811.	1.1	7
573	Image Search Reranking With Hierarchical Topic Awareness. IEEE Transactions on Cybernetics, 2015, 45, 2177-2189.	6.2	7
574	Building Effective Short Video Recommendation. , 2019, , .		7
575	Distributed Complementary Binary Quantization for Joint Hash Table Learning. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 5312-5323.	7.2	7
576	Deep Representation Calibrated Bayesian Neural Network for Semantically Explainable Face Inpainting and Editing. IEEE Access, 2020, 8, 13457-13466.	2.6	7

#	ARTICLE	IF	CITATIONS
577	Matching Seqlets: An Unsupervised Approach for Locality Preserving Sequence Matching. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 745-752.	9.7	7
578	Learning semantic priors for texture-realistic sketch-to-image synthesis. Neurocomputing, 2021, 464, 130-140.	3.5	7
579	Quantum-inspired algorithm for general minimum conical hull problems. Physical Review Research, 2020, 2, .	1.3	7
580	Domain Adaptation with Conditional Transferable Components. JMLR Workshop and Conference Proceedings, 2016, 48, 2839-2848.	1.4	7
581	Wide-Angle Image Rectification: A Survey. International Journal of Computer Vision, 2022, 130, 747-776.	10.9	7
582	Out-of-boundary View Synthesis Towards Full-Frame Video Stabilization. , 2021, , .		7
583	Kernel Principle Component Analysis in Pixels Clustering. , 0, , .		6
584	Spatio-temporal salience based video quality assessment. , 2010, , .		6
585	1-bit Hamming compressed sensing. , 2012, , .		6
586	Nonnegative discriminative manifold learning for hyperspectral data dimension reduction. , 2013, , .		6
587	MMFE: Multitask Multiview Feature Embedding. , 2015, , .		6
588	Video Face Editing Using Temporal-Spatial-Smooth Warping. ACM Transactions on Intelligent Systems and Technology, 2016, 7, 1-28.	2.9	6
589	Toward Intelligent Product Retrieval for TV-to-Online (T2O) Application: A Transfer Metric Learning Approach. IEEE Transactions on Multimedia, 2018, 20, 2114-2125.	5.2	6
590	PageSense: Toward Stylewise Contextual Advertising via Visual Analysis of Web Pages. IEEE Transactions on Circuits and Systems for Video Technology, 2018, 28, 254-266.	5.6	6
591	LogDet Metric-Based Domain Adaptation. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 4673-4687.	7.2	6
592	Instance-Dependent Positive and Unlabeled Learning with Labeling Bias Estimation. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, PP, 1-1.	9.7	6
593	Dual Phase Learning for Large Scale Video Gait Recognition. Lecture Notes in Computer Science, 2010, , 500-510.	1.0	6
594	Limited-Memory Fast Gradient Descent Method for Graph Regularized Nonnegative Matrix Factorization. PLoS ONE, 2013, 8, e77162.	1.1	6

#	Article	IF	Citations
595	Privileged Matrix Factorization for Collaborative Filtering. , 2017, , .		6
596	Fast SVM Trained by Divide-and-Conquer Anchors. , 2017, , .		6
597	Collaborative Learning of Depth Estimation, Visual Odometry and Camera Relocalization from Monocular Videos. , 2020, , .		6
598	CODON: On Orchestrating Cross-Domain Attentions for Depth Super-Resolution. International Journal of Computer Vision, 2022, 130, 267-284.	10.9	6
599	Efficient Bipartite Entanglement Detection Scheme with a Quantum Adversarial Solver. Physical Review Letters, 2022, 128, 110501.	2.9	6
600	A Distributed Learning Scheme for Variational Quantum Algorithms. IEEE Transactions on Quantum Engineering, 2022, 3, 1-16.	2.9	6
601	Geometrically invariant watermarking using affine covariant regions. , 2008, , .		5
602	A global-to-local scheme for imbalanced point matching. , 2009, , .		5
603	Distribution Calibration in Riemannian Symmetric Space. IEEE Transactions on Systems, Man, and Cybernetics, 2011, 41, 921-930.	5.5	5
604	Minimizing Nearest Neighbor Classification Error for Nonparametric Dimension Reduction. IEEE Transactions on Neural Networks and Learning Systems, 2014, 25, 1588-1594.	7.2	5
605	ROMIR: Robust Multi-View Image Re-Ranking. IEEE Transactions on Knowledge and Data Engineering, 2019, 31, 2393-2406.	4.0	5
606	Subspace Clustering by Capped $$l\_1$$ l 1 Norm. Communications in Computer and Information Science, 2016, , 663-674.	0.4	5
607	Quantum Differentially Private Sparse Regression Learning. IEEE Transactions on Information Theory, 2022, 68, 5217-5233.	1.5	5
608	Distributed Energy Trading and Scheduling Among Microgrids via Multiagent Reinforcement Learning. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 10638-10652.	7.2	5
609	A direct method to solve the biased discriminant analysis in kernel feature space for content based image retrieval. , 0, , .		4
610	An image quality assessment metric with no reference using hidden Markov tree model. Proceedings of SPIE, 2010, , .	0.8	4
611	Semi-automatic cartoon generation by motion planning. Multimedia Systems, 2011, 17, 409-419.	3.0	4
612	A probabilistic model for image representation via multiple patterns. Pattern Recognition, 2012, 45, 4044-4053.	5.1	4

#	ARTICLE	IF	CITATIONS
613	Face Recognition from Multiple Images per Subject. , 2014, , .		4
614	Online Multi-Modal Robust Non-Negative Dictionary Learning for Visual Tracking. PLoS ONE, 2015, 10, e0124685.	1.1	4
615	Exploring Spatial Correlation for Visual Object Retrieval. ACM Transactions on Intelligent Systems and Technology, 2015, 6, 1-21.	2.9	4
616	Sparse tensor discriminative locality alignment for gait recognition. , 2016, , .		4
617	Generalization Bounds of Multitask Learning From Perspective of Vector-Valued Function Learning. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 1906-1919.	7.2	4
618	Solving Jigsaw Puzzles via Nonconvex Quadratic Programming With the Projected Power Method. IEEE Transactions on Multimedia, 2021, 23, 2310-2320.	5.2	4
619	Ensemble manifold regularization. , 2009, , .		4
620	Improving Stochastic Block Models by Incorporating Power-Law Degree Characteristic. , 2017, , .		4
621	Activity Recognition in Still Images with Transductive Non-negative Matrix Factorization. Lecture Notes in Computer Science, 2015, , 802-817.	1.0	4
622	Quantum Gram-Schmidt processes and their application to efficient state readout for quantum algorithms. Physical Review Research, 2021, 3, .	1.3	4
623	SIN: Semantic Inference Network for Few-Shot Streaming Label Learning. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 9952-9965.	7.2	4
624	Hierarchical Prototype Networks for Continual Graph Representation Learning. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2023, 45, 4622-4636.	9.7	4
625	Avatar motion control by natural body movement via camera. Neurocomputing, 2008, 72, 648-652.	3.5	3
626	Detecting image points of general imbalance. , 2009, , .		3
627	Discrminative Geometry Preserving Projections. , 2009, , .		3
628	Introduction to computer vision and image understanding the special issue on video analysis. Computer Vision and Image Understanding, 2009, 113, 317-318.	3.0	3
629	Cross-Domain Web Image Annotation. , 2009, , .		3
630	Discriminative Hessian Eigenmaps for face recognition. , 2010, , .		3

#	Article	IF	Citations
631	A NOVEL METRIC BASED ON MCA FOR IMAGE QUALITY. International Journal of Wavelets, Multiresolution and Information Processing, 2011, 09, 743-757.	0.9	3
632	Pedestrian detection using a mixture mask model. , 2012, , .		3
633	Image Quality Assessment â€" A Multiscale Geometric Analysis-Based Framework and Examples. , 2012, , 377-399.		3
634	A spectral dissimilarity constrained nonnegative matrix factorization based cancer screening algorithm from hyperspectral fluorescence images. , 2012, , .		3
635	Learning colours from textures by sparse manifold embedding. Signal Processing, 2013, 93, 1485-1495.	2.1	3
636	A Bayesian Hierarchical Factorization Model for Vector Fields. IEEE Transactions on Image Processing, 2013, 22, 4510-4521.	6.0	3
637	Dual-Force ISOMAP: A New Relevance Feedback Method for Medical Image Retrieval. PLoS ONE, 2013, 8, e84096.	1.1	3
638	Correntropy induced metric based graph regularized non-negative matrix factorization. , 2014, , .		3
639	Variational approach for privacy funnel optimization on continuous data. Journal of Parallel and Distributed Computing, 2020, 137, 17-25.	2.7	3
640	An Optimal Transport Analysis on Generalization in Deep Learning. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 2842-2853.	7.2	3
641	Variance Reduced Methods for Non-convex Composition Optimization. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, PP, 1-1.	9.7	3
642	On the Guaranteed Almost Equivalence Between Imitation Learning From Observation and Demonstration. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 677-689.	7.2	3
643	Open-Set Hypothesis Transfer With Semantic Consistency. IEEE Transactions on Image Processing, 2021, 30, 6473-6484.	6.0	3
644	Learning Versatile Convolution Filters for Efficient Visual Recognition. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, PP, 1-1.	9.7	3
645	Color Fractal Structure Model for Reduced-Reference Colorful Image Quality Assessment. Lecture Notes in Computer Science, 2012, , 401-408.	1.0	3
646	A Level Set with Shape Priors Using Moment-Based Alignment and Locality Preserving Projections. Lecture Notes in Computer Science, 2013, , 697-704.	1.0	3
647	On Gleaning Knowledge from Multiple Domains for Active Learning. , 2017, , .		3
648	A Unified Tensor Level Set Method for Image Segmentation. Studies in Computational Intelligence, 2011, , 217-238.	0.7	3

#	Article	IF	Citations
649	Occlusion Boundary: A Formal Definition & Its Detection via Deep Exploration of Context. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2020, PP, 1-1.	9.7	3
650	A Unified B-Spline Framework for Scale-Invariant Keypoint Detection. International Journal of Computer Vision, 2022, 130, 777-799.	10.9	3
651	SVM-based relevance feedback using random subspace method. , 0, , .		2
652	Orthogonal complement component analysis for positive samples in SVM based relevance feedback image retrieval. , 0, , .		2
653	An image quality assessment metric based contourlet. , 2008, , .		2
654	A fast feature extraction method. , 2009, , .		2
655	An unsupervised feature ranking scheme by discovering biclusters. , 2009, , .		2
656	Manifold elastic net for sparse learning. , 2009, , .		2
657	Dirichlet Mixture Allocation for Multiclass Document Collections Modeling. , 2009, , .		2
658	An integrated aurora image retrieval system: AuroraEye. Journal of Visual Communication and Image Representation, 2010, 21, 787-797.	1.7	2
659	Universal no reference image quality assessment metrics based on local dependency. , 2011, , .		2
660	Corrections to â€œSubspaces Indexing Model on Grassmann Manifold for Image Searchâ€. IEEE Transactions on Image Processing, 2011, 20, 3658-3658.	6.0	2
661	A biological inspired features based saliency map. , 2012, , .		2
662	Clustering-based discriminative locality alignment for face gender recognition. , 2012, , .		2
663	Multiple instance learning via distance metric optimization. , 2013, , .		2
664	Multi-task copula by sparse graph regression. , 2014, , .		2
665	Correntropy supervised non-negative matrix factorization. , 2015, , .		2
666	Non-negative Low-Rank and Group-Sparse Matrix Factorization. Lecture Notes in Computer Science, 2015, , 536-547.	1.0	2

#	Article	IF	Citations
667	Multi-view Latent Space Learning Based on Local Discriminant Embedding. , 2016, , .		2
668	LSV-Based Tail Inequalities for Sums of Random Matrices. Neural Computation, 2017, 29, 247-262.	1.3	2
669	Random Angular Projection for Fast Nearest Subspace Search. Lecture Notes in Computer Science, 2018, , 15-26.	1.0	2
670	Transfer Discriminative Logmaps. Lecture Notes in Computer Science, 2009, , 131-143.	1.0	2
671	Recognition of Sketches in Photos. Studies in Computational Intelligence, 2011, , 239-262.	0.7	2
672	Exploiting High-Order Information in Heterogeneous Multi-Task Feature Learning. , 2017, , .		2
673	Object trajectory clustering via tensor analysis. , 2009, , .		1
674	Biased isomap projections for interactive reranking. , 2009, , .		1
675	A new quality metric for compressed images based on DDCT. Proceedings of SPIE, 2010, , .	0.8	1
676	Chinese text detection and location for images in multimedia messaging service. , 2010, , .		1
677	Face Subspace Learning. , 2011, , 51-77.		1
678	EMIF. , 2015, , .		1
679	Toward Effortless TV-to-Online (T2O) Experience: A Novel Metric Learning Approach. , 2016, , .		1
680	Sublinear Dual Coordinate Ascent for Regularized Loss Minimization. , 2016, , .		1
681	Embedded locality discriminant GPLVM for dimensionality reduction. , 2016, , .		1
682	Matrix Infinitely Divisible Series: Tail Inequalities and Their Applications. IEEE Transactions on Information Theory, 2020, 66, 1099-1117.	1.5	1
683	xTML: A Unified Heterogeneous Transfer Metric Learning Framework for Multimedia Applications [Application Notes]. IEEE Computational Intelligence Magazine, 2020, 15, 78-88.	3.4	1
684	Stochastically Controlled Compositional Gradient for Composition Problems. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 611-622.	7.2	1

#	ARTICLE	IF	CITATIONS
685	Introduction to the Special Issue on Fine-grained Visual Computing. ACM Transactions on Multimedia Computing, Communications and Applications, 2021, 17, 1-3.	3.0	1
686	A Human-Like Dual-Forklift Collaborative Mechanism for Container Handling. IEEE Transactions on Industrial Electronics, 2021, 68, 12871-12880.	5.2	1
687	Random Projection Tree and Multiview Embedding for Large-Scale Image Retrieval. Lecture Notes in Computer Science, 2010, , 641-649.	1.0	1
688	Collaborative Rating Allocation. , 2017, , .		1
689	Explainable Cluster-Based Rules Generation for Image Retrieval and Classification. Lecture Notes in Computer Science, 2020, , 85-94.	1.0	1
690	On Dropping Clusters to Regularize Graph Convolutional Neural Networks. Lecture Notes in Computer Science, 2020, , 245-260.	1.0	1
691	Unpaired data empowers association tests. Bioinformatics, 2021, 37, 785-792.	1.8	1
692	Stable Third-Order Tensor Representation for Color Image Classification. , 0, , .		0
693	Guest editorial: Special issue on multimedia information retrieval. International Journal of Imaging Systems and Technology, 2008, 18, 85-85.	2.7	0
694	Effective video event detection via subspace projection. , 2008, , .		0
695	A convergent solution to two dimensional linear discriminant analysis. , 2009, , .		0
696	Color image quality assessment with biologically inspired feature and machine learning. Proceedings of SPIE, 2010, , .	0.8	0
697	A novel image quality metric based on morphological component analysis. , 2010, , .		0
698	Feature Extraction for fMRI-Based Human Brain Activity Recognition. Lecture Notes in Computer Science, 2010, , 148-156.	1.0	0
699	Robust Image Watermarking Based on Feature Regions. Studies in Computational Intelligence, 2011, , 111-137.	0.7	0
700	Orthogonal Nonnegative Locally Linear Embedding. , 2013, , .		0
701	Feature regions based on graph optimization for robust reversible watermarking. , 2015, , .		0
702	Per-Round Knapsack-Constrained Linear Submodular Bandits. Neural Computation, 2016, 28, 2757-2789.	1.3	0

#	Article	IF	Citations
703	The Double-Accelerated Stochastic Method for Regularized Empirical Risk Minimization. IEEE Transactions on Emerging Topics in Computational Intelligence, 2019, 3, 440-451.	3.4	0
704	On the Rates of Convergence From Surrogate Risk Minimizers to the Bayes Optimal Classifier. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 5766-5774.	7.2	0
705	Introduction to Big Multimodal Multimedia Data with Deep Analytics. ACM Transactions on Multimedia Computing, Communications and Applications, 2021, 17, 1-3.	3.0	0
706	Person Image Synthesis in Arbitrary 3D Poses Based on Part Affinity Fields. , 2021, , .		0
707	The Gabor-Based Tensor Level Set Method for Multiregional Image Segmentation. Lecture Notes in Computer Science, 2009, , 987-994.	1.0	0
708	A Comparative Study of Three Graph Edit Distance Algorithms. Studies in Computational Intelligence, 2009, , 223-242.	0.7	0
709	Backward-Forward Least Angle Shrinkage for Sparse Quadratic Optimization. Lecture Notes in Computer Science, 2010, , 388-396.	1.0	0
710	Transductive Cartoon Retrieval by Multiple Hypergraph Learning. Lecture Notes in Computer Science, 2012, , 269-276.	1.0	0
711	Patch Alignment for Graph Embedding. , 2013, , 73-118.		0