

Jian Yang

List of Publications by Year in descending order

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238
papers

12,979
citations

87886

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62593

80
g-index

242
all docs

242
docs citations

242
times ranked

8479
citing authors

#	ARTICLE	IF	CITATIONS
1	Image Super-Resolution via Deep Recursive Residual Network. , 2017, , .		1,400
2	Selective Kernel Networks. , 2019, , .		1,316
3	MemNet: A Persistent Memory Network for Image Restoration. , 2017, , .		1,110
4	A Survey of Sparse Representation: Algorithms and Applications. IEEE Access, 2015, 3, 490-530.	4.2	888
5	KPCA plus LDA: a complete kernel Fisher discriminant framework for feature extraction and recognition. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2005, 27, 230-244.	13.9	721
6	A Two-Phase Test Sample Sparse Representation Method for Use With Face Recognition. IEEE Transactions on Circuits and Systems for Video Technology, 2011, 21, 1255-1262.	8.3	444
7	Robust sparse coding for face recognition. , 2011, , .		413
8	FSRNet: End-to-End Learning Face Super-Resolution with Facial Priors. , 2018, , .		308
9	Multiscale Dynamic Graph Convolutional Network for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 3162-3177.	6.3	279
10	Nuclear Norm Based Matrix Regression with Applications to Face Recognition with Occlusion and Illumination Changes. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2017, 39, 156-171.	13.9	273
11	Metaface learning for sparse representation based face recognition. , 2010, , .		256
12	Regularized Robust Coding for Face Recognition. IEEE Transactions on Image Processing, 2013, 22, 1753-1766.	9.8	243
13	Adversarial PoseNet: A Structure-Aware Convolutional Network for Human Pose Estimation. , 2017, , .		217
14	Beyond sparsity: The role of L1-optimizer in pattern classification. Pattern Recognition, 2012, 45, 1104-1118.	8.1	216
15	Sparse Representation Classifier Steered Discriminative Projection With Applications to Face Recognition. IEEE Transactions on Neural Networks and Learning Systems, 2013, 24, 1023-1035.	11.3	184
16	Weakly-supervised Semantic Guided Hashing for Social Image Retrieval. International Journal of Computer Vision, 2020, 128, 2265-2278.	15.6	141
17	Robust nuclear norm regularized regression for face recognition with occlusion. Pattern Recognition, 2015, 48, 3145-3159.	8.1	131
18	Integrating prediction and reconstruction for anomaly detection. Pattern Recognition Letters, 2020, 129, 123-130.	4.2	130

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19	Line-CNN: End-to-End Traffic Line Detection With Line Proposal Unit. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 248-258.	8.0	128
20	Hyperspectral Image Classification With Context-Aware Dynamic Graph Convolutional Network. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 597-612.	6.3	113
21	Discriminative Block-Diagonal Representation Learning for Image Recognition. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 3111-3125.	11.3	104
22	Hierarchical Long Short-Term Concurrent Memory for Human Interaction Recognition. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 1110-1118.	13.9	103
23	Neighborhood linear discriminant analysis. Pattern Recognition, 2022, 123, 108422.	8.1	100
24	Feature-Attentioned Object Detection in Remote Sensing Imagery. , 2019, , .		97
25	Learning robust and discriminative low-rank representations for face recognition with occlusion. Pattern Recognition, 2017, 66, 129-143.	8.1	95
26	Fine-Grained Image Analysis With Deep Learning: A Survey. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 8927-8948.	13.9	90
27	LiDAR Iris for Loop-Closure Detection. , 2020, , .		86
28	L1-Norm Distance Linear Discriminant Analysis Based on an Effective Iterative Algorithm. IEEE Transactions on Circuits and Systems for Video Technology, 2018, 28, 114-129.	8.3	83
29	Manifold Criterion Guided Transfer Learning via Intermediate Domain Generation. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 3759-3773.	11.3	82
30	Nuclear Norm-Based 2-DPCA for Extracting Features From Images. IEEE Transactions on Neural Networks and Learning Systems, 2015, 26, 2247-2260.	11.3	76
31	Importance-Aware Semantic Segmentation for Autonomous Vehicles. IEEE Transactions on Intelligent Transportation Systems, 2019, 20, 137-148.	8.0	76
32	A Regularization Approach for Instance-Based Superset Label Learning. IEEE Transactions on Cybernetics, 2018, 48, 967-978.	9.5	75
33	Lidar-histogram for fast road and obstacle detection. , 2017, , .		71
34	LRR for Subspace Segmentation via Tractable Schatten- p Norm Minimization and Factorization. IEEE Transactions on Cybernetics, 2019, 49, 1722-1734.	9.5	63
35	Discriminative Deep Quantization Hashing for Face Image Retrieval. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 6154-6162.	11.3	59
36	Horizontal and Vertical 2DPCA-Based Discriminant Analysis for Face Verification on a Large-Scale Database. IEEE Transactions on Information Forensics and Security, 2007, 2, 781-792.	6.9	57

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37	A new recurrent neural network with noise-tolerance and finite-time convergence for dynamic quadratic minimization. <i>Neurocomputing</i> , 2018, 285, 125-132.	5.9	55
38	Smooth twin support vector regression. <i>Neural Computing and Applications</i> , 2012, 21, 505-513.	5.6	53
39	Sparseness Analysis in the Pretraining of Deep Neural Networks. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2017, 28, 1425-1438.	11.3	52
40	Accurate and Efficient Inspection of Speckle and Scratch Defects on Surfaces of Planar Products. <i>IEEE Transactions on Industrial Informatics</i> , 2017, 13, 1855-1865.	11.3	51
41	Security-Aware Resource Allocation With Delay Constraint for NOMA-Based Cognitive Radio Network. <i>IEEE Transactions on Information Forensics and Security</i> , 2018, 13, 366-376.	6.9	50
42	MSCFNet: A Lightweight Network With Multi-Scale Context Fusion for Real-Time Semantic Segmentation. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022, 23, 25489-25499.	8.0	50
43	Discriminative histograms of local dominant orientation (D-HLDO) for biometric image feature extraction. <i>Pattern Recognition</i> , 2013, 46, 2724-2739.	8.1	49
44	Inhomogeneity-embedded active contour for natural image segmentation. <i>Pattern Recognition</i> , 2015, 48, 2513-2529.	8.1	47
45	Hierarchical Semantic Propagation for Object Detection in Remote Sensing Imagery. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2020, 58, 4353-4364.	6.3	46
46	Deep hierarchical guidance and regularization learning for end-to-end depth estimation. <i>Pattern Recognition</i> , 2018, 83, 430-442.	8.1	45
47	Nuclear-L1 norm joint regression for face reconstruction and recognition with mixed noise. <i>Pattern Recognition</i> , 2015, 48, 3811-3824.	8.1	44
48	Vanishing Point Constrained Lane Detection With a Stereo Camera. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2018, 19, 2739-2744.	8.0	40
49	3-D LiDAR + Monocular Camera: An Inverse-Depth-Induced Fusion Framework for Urban Road Detection. <i>IEEE Transactions on Intelligent Vehicles</i> , 2018, 3, 351-360.	12.7	40
50	Large-Margin Label-Calibrated Support Vector Machines for Positive and Unlabeled Learning. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2019, 30, 3471-3483.	11.3	39
51	Low-Rank Matrix Recovery via Modified Schatten- p Norm Minimization With Convergence Guarantees. <i>IEEE Transactions on Image Processing</i> , 2020, 29, 3132-3142.	9.8	39
52	Probabilistic Diffusion for Interactive Image Segmentation. <i>IEEE Transactions on Image Processing</i> , 2019, 28, 330-342.	9.8	38
53	Intention-Aware Vehicle Trajectory Prediction Based on Spatial-Temporal Dynamic Attention Network for Internet of Vehicles. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022, 23, 19471-19483.	8.0	38
54	Robust Image Regression Based on the Extended Matrix Variate Power Exponential Distribution of Dependent Noise. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2017, 28, 2168-2182.	11.3	37

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55	A Precise and Robust Segmentation-Based Lidar Localization System for Automated Urban Driving. Remote Sensing, 2019, 11, 1348.	4.0	36
56	Efficient Recovery of Low-Rank Matrix via Double Nonconvex Nonsmooth Rank Minimization. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 2916-2925.	11.3	35
57	Matrix Variate Distribution-Induced Sparse Representation for Robust Image Classification. IEEE Transactions on Neural Networks and Learning Systems, 2015, 26, 2291-2300.	11.3	34
58	Progressive Hard-Mining Network for Monocular Depth Estimation. IEEE Transactions on Image Processing, 2018, 27, 3691-3702.	9.8	31
59	Double Relaxed Regression for Image Classification. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 307-319.	8.3	29
60	Constructing multilayer locality-constrained matrix regression framework for noise robust face super-resolution. Pattern Recognition, 2021, 110, 107539.	8.1	29
61	Ensemble Teaching for Hybrid Label Propagation. IEEE Transactions on Cybernetics, 2019, 49, 388-402.	9.5	28
62	Hierarchical Deep CNN Feature Set-Based Representation Learning for Robust Cross-Resolution Face Recognition. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 2550-2560.	8.3	28
63	Robust Joint Feature Weights Learning Framework. IEEE Transactions on Knowledge and Data Engineering, 2016, 28, 1327-1339.	5.7	27
64	Weighted sparse coding regularized nonconvex matrix regression for robust face recognition. Information Sciences, 2017, 394-395, 1-17.	6.9	27
65	Speedup Techniques for Multiobjective Integer Programs in Designing Optimal and Structurally Simple Supervisors of AMS. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 77-88.	9.3	27
66	Loss Decomposition and Centroid Estimation for Positive and Unlabeled Learning. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 918-932.	13.9	27
67	Learning Fast Low-Rank Projection for Image Classification. IEEE Transactions on Image Processing, 2016, 25, 4803-4814.	9.8	26
68	Information transport in multiplex networks. Physica A: Statistical Mechanics and Its Applications, 2016, 447, 261-269.	2.6	26
69	Robust unsupervised feature selection by nonnegative sparse subspace learning. Neurocomputing, 2019, 334, 156-171.	5.9	26
70	Learning with Inadequate and Incorrect Supervision. , 2017, , .		24
71	Finding the samples near the decision plane for support vector learning. Information Sciences, 2017, 382-383, 292-307.	6.9	23
72	Dual Interactive Graph Convolutional Networks for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	6.3	23

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73	Zero-Shot Image Super-Resolution with Depth Guided Internal Degradation Learning. Lecture Notes in Computer Science, 2020, , 265-280.	1.3	23
74	An Improved Linear Discriminant Analysis with L1-Norm for Robust Feature Extraction. , 2014, , .		22
75	Neighborsâ€™ distribution property and sample reduction for support vector machines. Applied Soft Computing Journal, 2014, 16, 201-209.	7.2	22
76	Scalable Proximal Jacobian Iteration Method With Global Convergence Analysis for Nonconvex Unconstrained Composite Optimizations. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 2825-2839.	11.3	22
77	Adversarial Learning of Structure-Aware Fully Convolutional Networks for Landmark Localization. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2020, 42, 1654-1669.	13.9	22
78	Dual Convolutional Neural Networks for Low-Level Vision. International Journal of Computer Vision, 2022, 130, 1440-1458.	15.6	22
79	Learning discriminative singular value decomposition representation for face recognition. Pattern Recognition, 2016, 50, 1-16.	8.1	21
80	Nonconvex relaxation based matrix regression for face recognition with structural noise and mixed noise. Neurocomputing, 2017, 269, 188-198.	5.9	21
81	Si-GCN: Structure-induced Graph Convolution Network for Skeleton-based Action Recognition. , 2019, , .		21
82	UP-CNN: Un-pooling augmented convolutional neural network. Pattern Recognition Letters, 2019, 119, 34-40.	4.2	21
83	Supervised and Unsupervised Parallel Subspace Learning for Large-Scale Image Recognition. IEEE Transactions on Circuits and Systems for Video Technology, 2012, 22, 1497-1511.	8.3	20
84	Robust Low-Rank Regularized Regression for Face Recognition with Occlusion. , 2014, , .		20
85	A Fast and Accurate Matrix Completion Method Based on QR Decomposition and $\ L\ _{2,1}$ -Norm Minimization. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 803-817.	11.3	20
86	Two-View Fusion based Convolutional Neural Network for Urban Road Detection. , 2019, , .		20
87	Positive and Unlabeled Learning with Label Disambiguation. , 2019, , .		20
88	Multi-level graph learning network for hyperspectral image classification. Pattern Recognition, 2022, 129, 108705.	8.1	20
89	An improved robust and sparse twin support vector regression via linear programming. Soft Computing, 2014, 18, 2335-2348.	3.6	19
90	An Efficient Solution to the Homography-Based Relative Pose Problem With a Common Reference Direction. , 2019, , .		19

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91	On Selecting Effective Patterns for Fast Support Vector Regression Training. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 3610-3622.	11.3	18
92	Teaching Semi-Supervised Classifier via Generalized Distillation. , 2018, , .		18
93	Positive and Unlabeled Learning via Loss Decomposition and Centroid Estimation. , 2018, , .		18
94	Sparse Representation Classifier Steered Discriminative Projection. , 2010, , .		17
95	Median“mean line based discriminant analysis. Neurocomputing, 2014, 123, 233-246.	5.9	17
96	Low-Rank Latent Pattern Approximation with Applications to Robust Image Classification. IEEE Transactions on Image Processing, 2017, 26, 1-1.	9.8	17
97	Multi-Manifold Positive and Unlabeled Learning for Visual Analysis. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 1396-1409.	8.3	17
98	Image decomposition based matrix regression with applications to robust face recognition. Pattern Recognition, 2020, 102, 107204.	8.1	17
99	Laplacian Welsch Regularization for Robust Semisupervised Learning. IEEE Transactions on Cybernetics, 2022, 52, 164-177.	9.5	17
100	Feature Selection Boosted by Unselected Features. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 4562-4574.	11.3	17
101	Learnable low-rank latent dictionary for subspace clustering. Pattern Recognition, 2021, 120, 108142.	8.1	17
102	Centroid Estimation With Guaranteed Efficiency: A General Framework for Weakly Supervised Learning. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 2841-2855.	13.9	17
103	Integrating Dense LiDAR-Camera Road Detection Maps by a Multi-Modal CRF Model. IEEE Transactions on Vehicular Technology, 2019, 68, 11635-11645.	6.3	16
104	Joint Task-Recursive Learning for RGB-D Scene Understanding. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2020, 42, 2608-2623.	13.9	16
105	Sparse Local Discriminant Projections for Feature Extraction. , 2010, , .		15
106	Tree-Structured Nuclear Norm Approximation With Applications to Robust Face Recognition. IEEE Transactions on Image Processing, 2016, 25, 5757-5767.	9.8	15
107	Multi-Modal Curriculum Learning over Graphs. ACM Transactions on Intelligent Systems and Technology, 2019, 10, 1-25.	4.5	15
108	Global Convergence Guarantees of (A)GIST for a Family of Nonconvex Sparse Learning Problems. IEEE Transactions on Cybernetics, 2022, 52, 3276-3288.	9.5	15

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109	Joint Optimal Transport With Convex Regularization for Robust Image Classification. IEEE Transactions on Cybernetics, 2022, 52, 1553-1564.	9.5	15
110	Estimating Human Pose Efficiently by Parallel Pyramid Networks. IEEE Transactions on Image Processing, 2021, 30, 6785-6800.	9.8	15
111	Lidar-based urban road detection by histograms of normalized inverse depths and line scanning. , 2017, , .		14
112	Homography-Based Minimal-Case Relative Pose Estimation With Known Gravity Direction. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 196-210.	13.9	14
113	Guided Attention in CNNs for Occluded Pedestrian Detection and Re-identification. International Journal of Computer Vision, 2021, 129, 1875-1892.	15.6	14
114	A discriminant color space method for face representation and verification on a large-scale database. , 2008, , .		13
115	Optimal Locality Regularized Least Squares Support Vector Machine via Alternating Optimization. Neural Processing Letters, 2011, 33, 301-315.	3.2	13
116	A flexible support vector machine for regression. Neural Computing and Applications, 2012, 21, 2005-2013.	5.6	13
117	Adaptive noise dictionary construction via IRRPCA for face recognition. Pattern Recognition, 2016, 59, 26-41.	8.1	13
118	Relative density degree induced boundary detection for one-class SVM. Soft Computing, 2016, 20, 4473-4485.	3.6	13
119	Traffic congestion and the lifetime of networks with moving nodes. Physical Review E, 2017, 95, 012322.	2.1	13
120	Obstacle Detection by Fusing Point Clouds and Monocular Image. Neural Processing Letters, 2019, 49, 1007-1019.	3.2	13
121	Gaussian-Induced Convolution for Graphs. Proceedings of the AAAI Conference on Artificial Intelligence, 2019, 33, 4007-4014.	4.9	13
122	Harnessing Side Information for Classification Under Label Noise. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 3178-3192.	11.3	13
123	Learning to Acquire the Quality of Human Pose Estimation. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 1555-1568.	8.3	13
124	Improved multi-scale dynamic feature encoding network for image demoirÃ©ing. Pattern Recognition, 2021, 116, 107970.	8.1	13
125	Median Fisher Discriminator: a robust feature extraction method with applications to biometrics. Frontiers of Computer Science, 2008, 2, 295-305.	0.6	12
126	Power and Bandwidth Allocation for Cognitive Heterogeneous Multi-Homing Networks. IEEE Transactions on Communications, 2018, 66, 394-403.	7.8	12

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127	Nonparametric Bayesian Correlated Group Regression With Applications to Image Classification. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 5330-5344.	11.3	12
128	Histograms of the Normalized Inverse Depth and Line Scanning for Urban Road Detection. IEEE Transactions on Intelligent Transportation Systems, 2019, 20, 3070-3080.	8.0	12
129	Cost-sensitive positive and unlabeled learning. Information Sciences, 2021, 558, 229-245.	6.9	12
130	Generalized Focal Loss: Towards Efficient Representation Learning for Dense Object Detection. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, , 1-14.	13.9	12
131	Global Sparse Representation Projections for Feature Extraction and Classification. , 2009, , .		11
132	K Nearest Neighbor Based Local Sparse Representation Classifier. , 2010, , .		11
133	Exploring deep gradient information for biometric image feature representation. Neurocomputing, 2016, 213, 162-171.	5.9	11
134	Double Low Rank Matrix Recovery for Saliency Fusion. IEEE Transactions on Image Processing, 2016, 25, 1-1.	9.8	11
135	Matrix completion via capped nuclear norm. IET Image Processing, 2018, 12, 959-966.	2.5	11
136	Dynamic human body reconstruction and motion tracking with low-cost depth cameras. Visual Computer, 2021, 37, 603-618.	3.5	11
137	DAPC-Net: Deformable Alignment and Pyramid Context Completion Networks for Video Inpainting. IEEE Signal Processing Letters, 2021, 28, 1145-1149.	3.6	11
138	Frontier Detection and Reachability Analysis for Efficient 2D Graph-SLAM Based Active Exploration. , 2020, , .		11
139	Nuclear Norm Regularized Sparse Coding. , 2014, , .		10
140	Learning discriminative low-rank representation for image classification. , 2014, , .		10
141	Locality preserving score for joint feature weights learning. Neural Networks, 2015, 69, 126-134.	5.9	9
142	Bufferless Transmission in Complex Networks. IEEE Transactions on Circuits and Systems II: Express Briefs, 2018, 65, 893-897.	3.0	9
143	A Fusion Model for Road Detection based on Deep Learning and Fully Connected CRF. , 2018, , .		9
144	An Illumination-Invariant Nonparametric Model for Urban Road Detection. IEEE Transactions on Intelligent Vehicles, 2019, 4, 14-23.	12.7	9

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145	Autoencoder-Based Latent Block-Diagonal Representation for Subspace Clustering. IEEE Transactions on Cybernetics, 2022, 52, 5408-5418.	9.5	9
146	Globally Optimal Relative Pose Estimation with Gravity Prior. , 2021, , .		9
147	Weighted Linear Embedding and Its Applications to Finger-Knuckle-Print and Palmprint Recognition. , 2010, , .		8
148	A local modified Chan-Vese model for segmenting inhomogeneous multiphase images. International Journal of Imaging Systems and Technology, 2012, 22, 103-113.	4.1	8
149	Coupled-learning convolutional neural networks for object recognition. Multimedia Tools and Applications, 2019, 78, 573-589.	3.9	8
150	Norm-Aware Embedding for Efficient Person Search and Tracking. International Journal of Computer Vision, 2021, 129, 3154-3168.	15.6	8
151	Incorporating Linear Regression Problems Into an Adaptive Framework With Feasible Optimizations. IEEE Transactions on Multimedia, 2023, 25, 4041-4051.	7.2	8
152	Generalized Nonconvex Nonsmooth Low-Rank Matrix Recovery Framework With Feasible Algorithm Designs and Convergence Analysis. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 5342-5353.	11.3	8
153	General Regression and Representation Model for Face Recognition. , 2013, , .		7
154	A novel multiphase active contour model for inhomogeneous image segmentation. Multimedia Tools and Applications, 2014, 72, 2321-2337.	3.9	7
155	Deep Convolutional Neural Network and Multi-view Stacking Ensemble in Ali Mobile Recommendation Algorithm Competition: The Solution to the Winning of Ali Mobile Recommendation Algorithm. , 2015, , .		7
156	Walk-Steered Convolution for Graph Classification. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 4553-4566.	11.3	7
157	Global Manifold Learning for Interactive Image Segmentation. IEEE Transactions on Multimedia, 2021, 23, 3239-3249.	7.2	7
158	\hat{l}^1 -Norm-Based Robust Regression With Applications to Image Analysis. IEEE Transactions on Cybernetics, 2021, 51, 3371-3383.	9.5	7
159	Lane Marking Regression From Confidence Area Detection to Field Inference. IEEE Transactions on Intelligent Vehicles, 2021, 6, 47-56.	12.7	7
160	Constrained Online Cut-Paste for Object Detection. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 4071-4083.	8.3	7
161	Saliency-based localising active contour for automatic natural object segmentation. IET Image Processing, 2013, 7, 787-794.	2.5	6
162	Bi-weighted robust matrix regression for face recognition. Neurocomputing, 2017, 237, 375-387.	5.9	6

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163	Incorporating neighbors'™ distribution knowledge into support vector machines. <i>Soft Computing</i> , 2017, 21, 6407-6420.	3.6	6
164	SRNN: Self-regularized neural network. <i>Neurocomputing</i> , 2018, 273, 260-270.	5.9	6
165	Build your own hybrid thermal/EO camera for autonomous vehicle. , 2019, , .		6
166	Hashing Graph Convolution for Node Classification. , 2019, , .		6
167	Perceiving heavily occluded human poses by assigning unbiased score. <i>Information Sciences</i> , 2020, 537, 284-301.	6.9	6
168	Instance-Dependent Positive and Unlabeled Learning with Labeling Bias Estimation. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2021, PP, 1-1.	13.9	6
169	Cost-Effective Incremental Deep Model: Matching Model Capacity With the Least Sampling. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2023, 35, 3575-3588.	5.7	6
170	Enhanced Spatial Feature Learning for Weakly Supervised Object Detection. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2024, 35, 961-972.	11.3	6
171	Continuous attractors of higher-order recurrent neural networks with infinite neurons. <i>Neurocomputing</i> , 2014, 131, 388-396.	5.9	5
172	Histogram of visual words based on locally adaptive regression kernels descriptors for image feature extraction. <i>Neurocomputing</i> , 2014, 129, 516-527.	5.9	5
173	Split and Merge for Accurate Plane Segmentation in RGB-D Images. , 2017, , .		5
174	Multi-task learning for object keypoints detection and classification. <i>Pattern Recognition Letters</i> , 2020, 130, 182-188.	4.2	5
175	Dynamic Spectral'™Spatial Poisson Learning for Hyperspectral Image Classification With Extremely Scarce Labels. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-15.	6.3	5
176	3D human pose and shape estimation with dense correspondence from a single depth image. <i>Visual Computer</i> , 2023, 39, 429-441.	3.5	5
177	Fast and Lightweight Network for Single Frame Structured Illumination Microscopy Super-Resolution. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2022, 71, 1-11.	4.7	5
178	They are Not Completely Useless: Towards Recycling Transferable Unlabeled Data for Class-Mismatched Semi-Supervised Learning. <i>IEEE Transactions on Multimedia</i> , 2023, 25, 1844-1857.	7.2	5
179	A new LDA-KL combined method for feature extraction and its generalisation. <i>Pattern Analysis and Applications</i> , 2004, 7, 40.	4.6	4
180	Minimal local reconstruction error measure based discriminant feature extraction and classification. , 2008, , .		4

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181	Robust and Sparse Twin Support Vector Regression via Linear Programming. , 2010, , .		4
182	Dynamic transition embedding for image feature extraction and recognition. Neural Computing and Applications, 2012, 21, 1905-1915.	5.6	4
183	Facial landmark detection via pose-induced auto-encoder networks. , 2015, , .		4
184	Face alignment with Cascaded Bidirectional LSTM Neural Networks. , 2016, , .		4
185	Transferring digit classifier's features to a traffic sign detector. , 2017, , .		4
186	Cross-Graph Convolution Learning for Large-Scale Text-Picture Shopping Guide in E-Commerce Search. , 2020, , .		4
187	Interactive Image Segmentation Based on Label Pair Diffusion. IEEE Transactions on Industrial Informatics, 2021, 17, 135-146.	11.3	4
188	Effective quaternion radial harmonic Fourier moments for color image representation. Signal, Image and Video Processing, 2021, 15, 93-101.	2.7	4
189	Network Cooperation with Progressive Disambiguation for Partial Label Learning. Lecture Notes in Computer Science, 2021, , 471-488.	1.3	4
190	Robust Face Recognition via Multi-Scale Patch-Based Matrix Regression. PLoS ONE, 2016, 11, e0159945.	2.5	4
191	Compressed sensing image reconstruction based on morphological component analysis. , 2009, , .		3
192	Local Graph Embedding Discriminant Analysis for Face Recognition with Single Training Sample Per Person. , 2009, , .		3
193	Kernel feature extraction methods observed from the viewpoint of generating-kernels. Frontiers of Electrical and Electronic Engineering in China: Selected Publications From Chinese Universities, 2011, 6, 43-55.	0.6	3
194	Nuclear Norm Based 2DPCA. , 2013, , .		3
195	Tunable path centrality: Quantifying the importance of paths in networks. Physica A: Statistical Mechanics and Its Applications, 2014, 405, 267-277.	2.6	3
196	An adaptive line search scheme for approximated nuclear norm based matrix regression. Neurocomputing, 2018, 289, 23-31.	5.9	3
197	Robust $\ell_{2,1}$ Norm-Based Sparse Dictionary Coding Regularization of Homogenous and Heterogenous Graph Embeddings for Image Classifications. Neural Processing Letters, 2018, 47, 1149-1175.	3.2	3
198	Corporate Relative Valuation using Heterogeneous Multi-Modal Graph Neural Network. IEEE Transactions on Knowledge and Data Engineering, 2021, , 1-1.	5.7	3

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