

Songcan Chen

List of Publications by Year in Descending Order

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Version: 2024-04-29

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

175
papers

7,178
citations

40
h-index

82
g-index

185
ext. papers

8,475
ext. citations

5
avg, IF

6.48
L-index

#	Paper	IF	Citations
175	Self-corrected unsupervised domain adaptation. <i>Frontiers of Computer Science</i> , 2022 , 16, 1	2.2	0
174	On the learning dynamics of two-layer quadratic neural networks for understanding deep learning. <i>Frontiers of Computer Science</i> , 2022 , 16, 1	2.2	0
173	A Similarity-based Framework for Classification Task. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2022 , 1-1	4.2	0
172	Recent Advances in Open Set Recognition: A Survey. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2021 , 43, 3614-3631	13.3	96
171	Expand globally, shrink locally: Discriminant multi-label learning with missing labels. <i>Pattern Recognition</i> , 2021 , 111, 107675	7.7	5
170	A comprehensive perspective of contrastive self-supervised learning. <i>Frontiers of Computer Science</i> , 2021 , 15, 1	2.2	
169	Structure-Exploiting Discriminative Ordinal Multioutput Regression. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , 32, 266-280	10.3	1
168	Semi-Supervised Multi-View Deep Discriminant Representation Learning. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2021 , 43, 2496-2509	13.3	21
167	Semi-blind compressed sensing via adaptive dictionary learning and one-pass online extension. <i>Science China Information Sciences</i> , 2021 , 64, 1	3.4	
166	Crowdsourcing aggregation with deep Bayesian learning. <i>Science China Information Sciences</i> , 2021 , 64, 1	3.4	8
165	. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 29, 2006-2017	8.3	4
164	A Convex Discriminant Semantic Correlation Analysis for Cross-View Recognition. <i>IEEE Transactions on Cybernetics</i> , 2020 , PP,	10.2	2
163	Collective Decision for Open Set Recognition. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2020 , 1-1	4.2	9
162	Guided CNN for generalized zero-shot and open-set recognition using visual and semantic prototypes. <i>Pattern Recognition</i> , 2020 , 102, 107263	7.7	19
161	Moment-Guided Discriminative Manifold Correlation Learning on Ordinal Data. <i>ACM Transactions on Intelligent Systems and Technology</i> , 2020 , 11, 1-18	8	2
160	Growing neural gas with random projection method for high-dimensional data stream clustering. <i>Soft Computing</i> , 2020 , 24, 9789-9807	3.5	2
159	Robust convex clustering. <i>Soft Computing</i> , 2020 , 24, 731-744	3.5	3

158	Bayesian compressive principal component analysis. <i>Frontiers of Computer Science</i> , 2020 , 14, 1	2.2	2
157	Shared Gaussian Process Latent Variable Model for Incomplete Multiview Clustering. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 61-73	10.2	7
156	Ordinal factorization machine with hierarchical sparsity. <i>Frontiers of Computer Science</i> , 2020 , 14, 67-83	2.2	3
155	2D compressed learning: support matrix machine with bilinear random projections. <i>Machine Learning</i> , 2019 , 108, 2035-2060	4	
154	A Primal Framework for Indefinite Kernel Learning. <i>Neural Processing Letters</i> , 2019 , 50, 165-188	2.4	
153	Zeroth-Order Stochastic Alternating Direction Method of Multipliers for Nonconvex Nonsmooth Optimization 2019 ,		9
152	Relationships Self-Learning Based Gender-Aware Age Estimation. <i>Neural Processing Letters</i> , 2019 , 50, 2141-2160	2.4	0
151	A convex formulation for multiple ordinal output classification. <i>Pattern Recognition</i> , 2019 , 86, 73-84	7.7	12
150	Learning Dynamic Conditional Gaussian Graphical Models. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2018 , 30, 703-716	4.2	7
149	Multi-Label Nonlinear Matrix Completion With Transductive Multi-Task Feature Selection for Joint MGMT and IDH1 Status Prediction of Patient With High-Grade Gliomas. <i>IEEE Transactions on Medical Imaging</i> , 2018 , 37, 1775-1787	11.7	16
148	Multi-dimensional classification via a metric approach. <i>Neurocomputing</i> , 2018 , 275, 1121-1131	5.4	15
147	Robust ordinal regression induced by lp-centroid. <i>Neurocomputing</i> , 2018 , 313, 184-195	5.4	3
146	Ordinal space projection learning via neighbor classes representation. <i>Computer Vision and Image Understanding</i> , 2018 , 174, 24-32	4.3	3
145	Data-driven graph construction and graph learning: A review. <i>Neurocomputing</i> , 2018 , 312, 336-351	5.4	55
144	Joint Estimation of Multiple Conditional Gaussian Graphical Models. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 3034-3046	10.3	8
143	Joint gender classification and age estimation by nearly orthogonalizing their semantic spaces. <i>Image and Vision Computing</i> , 2018 , 69, 9-21	3.7	12
142	Heterogeneous multi-output classification by structured conditional risk minimization. <i>Pattern Recognition Letters</i> , 2018 , 116, 50-57	4.7	0
141	Metric Learning-Guided Least Squares Classifier Learning. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 6409-6414	10.3	7

140	Cross-heterogeneous-database age estimation through correlation representation learning. <i>Neurocomputing</i> , 2017 , 238, 286-295	5.4	85
139	Semi-supervised manifold regularization with adaptive graph construction. <i>Pattern Recognition Letters</i> , 2017 , 98, 90-95	4.7	9
138	Joint representation classification for collective face recognition. <i>Pattern Recognition</i> , 2017 , 63, 182-192	7.7	12
137	Multi-label active learning by model guided distribution matching. <i>Frontiers of Computer Science</i> , 2016 , 10, 845-855	2.2	18
136	A robust multi-class AdaBoost algorithm for mislabeled noisy data. <i>Knowledge-Based Systems</i> , 2016 , 102, 87-102	7.3	45
135	Joint Binary Classifier Learning for ECOC-Based Multi-Class Classification. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2016 , 38, 2335-2341	13.3	56
134	Label-aligned multi-task feature learning for multimodal classification of Alzheimer's disease and mild cognitive impairment. <i>Brain Imaging and Behavior</i> , 2016 , 10, 1148-1159	4.1	45
133	Spatial regularization in subspace learning for face recognition: implicit vs. explicit. <i>Neurocomputing</i> , 2016 , 173, 1554-1564	5.4	1
132	A review on Gaussian Process Latent Variable Models. <i>CAAI Transactions on Intelligence Technology</i> , 2016 , 1, 366-376	9.7	21
131	Ordinal margin metric learning and its extension for cross-distribution image data. <i>Information Sciences</i> , 2016 , 349-350, 50-64	7.7	7
130	Generating labeled samples for hyperspectral image classification using correlation of spectral bands. <i>Frontiers of Computer Science</i> , 2016 , 10, 292-301	2.2	9
129	Cumulative attribute relation regularization learning for human age estimation. <i>Neurocomputing</i> , 2015 , 165, 456-467	5.4	10
128	McMatMHKS: A direct multi-class matrixized learning machine. <i>Knowledge-Based Systems</i> , 2015 , 88, 184-194	7.4	2
127	A novel ordinal learning strategy: Ordinal nearest-centroid projection. <i>Knowledge-Based Systems</i> , 2015 , 88, 144-153	7.3	3
126	Semi-supervised classification learning by discrimination-aware manifold regularization. <i>Neurocomputing</i> , 2015 , 147, 299-306	5.4	21
125	Modeling Exon-Specific Bias Distribution Improves the Analysis of RNA-Seq Data. <i>PLoS ONE</i> , 2015 , 10, e0140032	3.7	0
124	Detecting differential expression from RNA-seq data with expression measurement uncertainty. <i>Frontiers of Computer Science</i> , 2015 , 9, 652-663	2.2	1
123	Exploiting relationship between attributes for improved face verification. <i>Computer Vision and Image Understanding</i> , 2014 , 122, 143-154	4.3	12

122	Fuzzy classifier based on fuzzy support vector machine. <i>Journal of Intelligent and Fuzzy Systems</i> , 2014 , 26, 421-430	1.6	6
121	A unified algorithm for mixed ($L_{2,p}$)-minimizations and its application in feature selection. <i>Computational Optimization and Applications</i> , 2014 , 58, 409-421	1.4	28
120	Orthogonal curved-line Gabor filter for fast fingerprint enhancement. <i>Electronics Letters</i> , 2014 , 50, 175-177		16
119	Comparative study among three strategies of incorporating spatial structures to ordinal image regression. <i>Neurocomputing</i> , 2014 , 136, 152-161	5.4	13
118	A general non-local denoising model using multi-kernel-induced measures. <i>Pattern Recognition</i> , 2014 , 47, 1751-1763	7.7	13
117	Eyes closeness detection from still images with multi-scale histograms of principal oriented gradients. <i>Pattern Recognition</i> , 2014 , 47, 2825-2838	7.7	86
116	A Comparative Study: Globality versus Locality for Graph Construction in Discriminant Analysis. <i>Journal of Applied Mathematics</i> , 2014 , 2014, 1-12	1.1	1
115	Linear discriminant analysis with worst between-class separation and average within-class compactness. <i>Frontiers of Computer Science</i> , 2014 , 8, 785-792	2.2	3
114	Bagging-like metric learning for support vector regression. <i>Knowledge-Based Systems</i> , 2014 , 65, 21-30	7.3	10
113	Discriminability-driven regularization framework for indefinite kernel machine. <i>Neurocomputing</i> , 2014 , 133, 209-221	5.4	6
112	Neighborhood Correlation Analysis for Semi-paired Two-View Data. <i>Neural Processing Letters</i> , 2013 , 37, 335-354	2.4	6
111	A literature survey on robust and efficient eye localization in real-life scenarios. <i>Pattern Recognition</i> , 2013 , 46, 3157-3173	7.7	53
110	Co-metric: a metric learning algorithm for data with multiple views. <i>Frontiers of Computer Science</i> , 2013 , 7, 359-369	2.2	3
109	Dimensionality reduction with adaptive graph. <i>Frontiers of Computer Science</i> , 2013 , 7, 745-753	2.2	10
108	Analysis of Non-Local Euclidean Medians and Its Improvement. <i>IEEE Signal Processing Letters</i> , 2013 , 20, 303-306	3.2	16
107	Query-dependent cross-domain ranking in heterogeneous network. <i>Knowledge and Information Systems</i> , 2013 , 34, 109-145	2.4	9
106	Three-fold structured classifier design based on matrix pattern. <i>Pattern Recognition</i> , 2013 , 46, 1532-1555	7.7	8
105	Soft large margin clustering. <i>Information Sciences</i> , 2013 , 232, 116-129	7.7	10

104	Regularized soft K-means for discriminant analysis. <i>Neurocomputing</i> , 2013 , 103, 29-42	5.4	15
103	A comparative study on local binary pattern (LBP) based face recognition: LBP histogram versus LBP image. <i>Neurocomputing</i> , 2013 , 120, 365-379	5.4	112
102	Random projection ensemble learning with multiple empirical kernels. <i>Knowledge-Based Systems</i> , 2013 , 37, 388-393	7.3	10
101	Multi-view classification with cross-view must-link and cannot-link side information. <i>Knowledge-Based Systems</i> , 2013 , 54, 137-146	7.3	8
100	Can under-exploited structure of original-classes help ECOC-based multi-class classification?. <i>Neurocomputing</i> , 2012 , 89, 158-167	5.4	5
99	Graph optimization for dimensionality reduction with sparsity constraints. <i>Pattern Recognition</i> , 2012 , 45, 1205-1210	7.7	58
98	A unified dimensionality reduction framework for semi-paired and semi-supervised multi-view data. <i>Pattern Recognition</i> , 2012 , 45, 2005-2018	7.7	49
97	Simultaneous clustering and classification over cluster structure representation. <i>Pattern Recognition</i> , 2012 , 45, 2227-2236	7.7	13
96	New semi-supervised classification method based on modified cluster assumption. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2012 , 23, 689-702	10.3	65
95	Plane-Gaussian artificial neural network. <i>Neural Computing and Applications</i> , 2012 , 21, 305-317	4.8	7
94	Modifying NL-means to a universal filter. <i>Optics Communications</i> , 2012 , 285, 4918-4926	2	2
93	Regularized multi-view learning machine based on response surface technique. <i>Neurocomputing</i> , 2012 , 97, 201-213	5.4	10
92	Exploiting relationship between attributes for improved face verification 2012 ,		2
91	. <i>IEEE Transactions on Wireless Communications</i> , 2011 , 10, 2841-2849	9.6	12
90	SCIHTBB: Sparsity constrained iterative hard thresholding with Barzilai-Borwein step size. <i>Neurocomputing</i> , 2011 , 74, 3663-3676	5.4	3
89	Glocalization pursuit support vector machine. <i>Neural Computing and Applications</i> , 2011 , 20, 1043-1053	4.8	10
88	A structurally motivated framework for discriminant analysis. <i>Pattern Analysis and Applications</i> , 2011 , 14, 349-367	2.3	5
87	A novel multi-view classifier based on Nyström approximation. <i>Expert Systems With Applications</i> , 2011 , 38, 11193-11200	7.8	5

86	Support Vector Machine incorporated with feature discrimination. <i>Expert Systems With Applications</i> , 2011 , 38, 12506-12513	7.8	6
85	Structural regularized support vector machine: a framework for structural large margin classifier. <i>IEEE Transactions on Neural Networks</i> , 2011 , 22, 573-87		71
84	Large correlation analysis. <i>Applied Mathematics and Computation</i> , 2011 , 217, 9041-9052	2.7	5
83	A novel multi-view learning developed from single-view patterns. <i>Pattern Recognition</i> , 2011 , 44, 2395-2413	7.3	27
82	Semisupervised kernel matrix learning by kernel propagation. <i>IEEE Transactions on Neural Networks</i> , 2010 , 21, 1831-41		29
81	Fuzzy c-Means Revisited: Towards a Cluster-Center-Free Reformulation 2010 ,		4
80	DISGUISED DISCRIMINATION OF LOCALITY-BASED UNSUPERVISED DIMENSIONALITY REDUCTION. <i>International Journal of Pattern Recognition and Artificial Intelligence</i> , 2010 , 24, 1011-1025	1.1	6
79	A multiobjective simultaneous learning framework for clustering and classification. <i>IEEE Transactions on Neural Networks</i> , 2010 , 21, 185-200		36
78	Sparse Representation: Extract Adaptive Neighborhood for Multilabel Classification. <i>Lecture Notes in Computer Science</i> , 2010 , 304-314	0.9	2
77	Generalized low-rank approximations of matrices revisited. <i>IEEE Transactions on Neural Networks</i> , 2010 , 21, 621-32		26
76	Manifold contraction for semi-supervised classification. <i>Science China Information Sciences</i> , 2010 , 53, 1170-1187	3.4	1
75	A Novel Regularization Learning for Single-View Patterns: Multi-View Discriminative Regularization. <i>Neural Processing Letters</i> , 2010 , 31, 159-175	2.4	8
74	SSPS: A Semi-Supervised Pattern Shift for Classification. <i>Neural Processing Letters</i> , 2010 , 31, 243-257	2.4	3
73	An empirical study of two typical locality preserving linear discriminant analysis methods. <i>Neurocomputing</i> , 2010 , 73, 1587-1594	5.4	7
72	Sparsity preserving projections with applications to face recognition. <i>Pattern Recognition</i> , 2010 , 43, 331-341	7.1	603
71	A tree-structured framework for purifying complex clusters with structural roles of individual data. <i>Pattern Recognition</i> , 2010 , 43, 3753-3767	7.7	3
70	Sample-dependent graph construction with application to dimensionality reduction. <i>Neurocomputing</i> , 2010 , 74, 301-314	5.4	40
69	Graph-optimized locality preserving projections. <i>Pattern Recognition</i> , 2010 , 43, 1993-2002	7.7	106

68	Sparsity preserving discriminant analysis for single training image face recognition. <i>Pattern Recognition Letters</i> , 2010 , 31, 422-429	4.7	70
67	Semantic-oriented knowledge transfer for review rating. <i>Tsinghua Science and Technology</i> , 2010 , 15, 633-641	3.4	5
66	Disambiguating authors by pairwise classification. <i>Tsinghua Science and Technology</i> , 2010 , 15, 668-677	3.4	5
65	2009 ,		8
64	Local ridge regression for face recognition. <i>Neurocomputing</i> , 2009 , 72, 1342-1346	5.4	17
63	Multi-view kernel machine on single-view data. <i>Neurocomputing</i> , 2009 , 72, 2444-2449	5.4	19
62	Face Recognition Under Occlusions and Variant Expressions With Partial Similarity. <i>IEEE Transactions on Information Forensics and Security</i> , 2009 , 4, 217-230	8	55
61	Discriminatively regularized least-squares classification. <i>Pattern Recognition</i> , 2009 , 42, 93-104	7.7	86
60	A simultaneous learning framework for clustering and classification. <i>Pattern Recognition</i> , 2009 , 42, 1248-1259	7.59	25
59	Semi-random subspace method for face recognition. <i>Image and Vision Computing</i> , 2009 , 27, 1358-1370	3.7	50
58	Enhanced Pictorial Structures for precise eye localization under incontrolled conditions 2009 ,		26
57	Structural Support Vector Machine. <i>Lecture Notes in Computer Science</i> , 2008 , 501-511	0.9	10
56	A Novel Method of Combined Feature Extraction for Recognition 2008 ,		84
55	MultiK-MHKS: a novel multiple kernel learning algorithm. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2008 , 30, 348-53	13.3	97
54	Pattern representation in feature extraction and classifier design: matrix versus vector. <i>IEEE Transactions on Neural Networks</i> , 2008 , 19, 758-69		36
53	A scale-based connected coherence tree algorithm for image segmentation. <i>IEEE Transactions on Image Processing</i> , 2008 , 17, 204-16	8.7	24
52	Classifier learning with a new locality regularization method. <i>Pattern Recognition</i> , 2008 , 41, 1479-1490	7.7	4
51	Fractional order singular value decomposition representation for face recognition. <i>Pattern Recognition</i> , 2008 , 41, 378-395	7.7	30

50	A study on three linear discriminant analysis based methods in small sample size problem. <i>Pattern Recognition</i> , 2008 , 41, 102-116	7.7	41
49	Constraint Score: A new filter method for feature selection with pairwise constraints. <i>Pattern Recognition</i> , 2008 , 41, 1440-1451	7.7	137
48	Matrix-pattern-oriented least squares support vector classifier with AdaBoost. <i>Pattern Recognition Letters</i> , 2008 , 29, 745-753	4.7	12
47	Clustering Using Normalized Path-Based Metric. <i>Lecture Notes in Computer Science</i> , 2008 , 57-66	0.9	1
46	An Improvement of BAM in Storage Capacity and Error-Correction Capability 2007 ,		1
45	Class label versus sample label-based CCA. <i>Applied Mathematics and Computation</i> , 2007 , 185, 272-283	2.7	30
44	Robust fuzzy relational classifier incorporating the soft class labels. <i>Pattern Recognition Letters</i> , 2007 , 28, 2250-2263	4.7	18
43	Matrix-pattern-oriented Hořashyap classifier with regularization learning. <i>Pattern Recognition</i> , 2007 , 40, 1533-1543	7.7	35
42	New Least Squares Support Vector Machines Based on Matrix Patterns. <i>Neural Processing Letters</i> , 2007 , 26, 41-56	2.4	73
41	Locality preserving CCA with applications to data visualization and pose estimation. <i>Image and Vision Computing</i> , 2007 , 25, 531-543	3.7	161
40	Fast and robust fuzzy c-means clustering algorithms incorporating local information for image segmentation. <i>Pattern Recognition</i> , 2007 , 40, 825-838	7.7	724
39	Semi-Supervised Dimensionality Reduction 2007 ,		179
38	EFFICIENT PSEUDOINVERSE LINEAR DISCRIMINANT ANALYSIS AND ITS NONLINEAR FORM FOR FACE RECOGNITION. <i>International Journal of Pattern Recognition and Artificial Intelligence</i> , 2007 , 21, 1265-1278	1.1	18
37	A Novel Approach of Rough Set-Based Attribute Reduction Using Fuzzy Discernibility Matrix 2007 ,		3
36	Exponential Bidirectional Associative Memory Based on Small-world Architecture 2007 ,		1
35	Comments on "Efficient and Robust Feature Extraction by Maximum Margin Criterion. <i>IEEE Transactions on Neural Networks</i> , 2007 , 18, 1862-1864		43
34	Single Image Subspace for Face Recognition 2007 , 205-219		20
33	Diagonal principal component analysis for face recognition. <i>Pattern Recognition</i> , 2006 , 39, 140-142	7.7	89

32	Image binarization focusing on objects. <i>Neurocomputing</i> , 2006 , 69, 2411-2415	5.4	24
31	Adaptive Kernel Principal Component Analysis with Unsupervised Learning of Kernels. <i>IEEE International Conference on Data Mining</i> , 2006 ,		7
30	Discriminant common vectors versus neighbourhood components analysis and Laplacianfaces: A comparative study in small sample size problem. <i>Image and Vision Computing</i> , 2006 , 24, 249-262	3.7	23
29	Face recognition from a single image per person: A survey. <i>Pattern Recognition</i> , 2006 , 39, 1725-1745	7.7	493
28	Non-iterative generalized low rank approximation of matrices. <i>Pattern Recognition Letters</i> , 2006 , 27, 1002-1008	4.7	20
27	Distance-Based Sparse Associative Memory Neural Network Algorithm for Pattern Recognition. <i>Neural Processing Letters</i> , 2006 , 24, 67-80	2.4	1
26	Recognition from a Single Sample per Person with Multiple SOM Fusion. <i>Lecture Notes in Computer Science</i> , 2006 , 128-133	0.9	2
25	Recognizing Face or Object from a Single Image: Linear vs. Kernel Methods on 2D Patterns. <i>Lecture Notes in Computer Science</i> , 2006 , 889-897	0.9	7
24	Feature Selection for High Dimensional Face Image Using Self-organizing Maps. <i>Lecture Notes in Computer Science</i> , 2005 , 500-504	0.9	1
23	Modified linear discriminant analysis. <i>Pattern Recognition</i> , 2005 , 38, 441-443	7.7	9
22	Feature extraction approaches based on matrix pattern: MatPCA and MatFLDA. <i>Pattern Recognition Letters</i> , 2005 , 26, 1157-1167	4.7	71
21	A new face recognition method based on SVD perturbation for single example image per person. <i>Applied Mathematics and Computation</i> , 2005 , 163, 895-907	2.7	124
20	Adaptively weighted sub-pattern PCA for face recognition. <i>Neurocomputing</i> , 2005 , 64, 505-511	5.4	121
19	A unified SWSIRAMs framework and performance evaluation on face recognition. <i>Neurocomputing</i> , 2005 , 68, 54-69	5.4	3
18	Class-information-incorporated principal component analysis. <i>Neurocomputing</i> , 2005 , 69, 216-223	5.4	9
17	Discounted least squares-improved circular back-propagation neural networks with applications in time series prediction. <i>Neural Computing and Applications</i> , 2005 , 14, 250-255	4.8	3
16	Improving the Robustness of Online Agglomerative Clustering Method Based on Kernel-Induce Distance Measures. <i>Neural Processing Letters</i> , 2005 , 21, 45-51	2.4	15
15	Chained DLS-ICBP Neural Networks with Multiple Steps Time Series Prediction. <i>Neural Processing Letters</i> , 2005 , 21, 95-107	2.4	5

14	Weighted SOM-Face: Selecting Local Features for Recognition from Individual Face Image. <i>Lecture Notes in Computer Science</i> , 2005 , 351-358	0.9	1
13	Recognizing partially occluded, expression variant faces from single training image per person with SOM and soft kappa-NN ensemble. <i>IEEE Transactions on Neural Networks</i> , 2005 , 16, 875-86		186
12	Progressive Principal Component Analysis. <i>Lecture Notes in Computer Science</i> , 2004 , 768-773	0.9	4
11	A novel kernelized fuzzy C-means algorithm with application in medical image segmentation. <i>Artificial Intelligence in Medicine</i> , 2004 , 32, 37-50	7.4	361
10	A comment on Alternative c-means clustering algorithms. <i>Pattern Recognition</i> , 2004 , 37, 173-174	7.7	17
9	Subpattern-based principle component analysis. <i>Pattern Recognition</i> , 2004 , 37, 1081-1083	7.7	115
8	Making FLDA applicable to face recognition with one sample per person. <i>Pattern Recognition</i> , 2004 , 37, 1553-1555	7.7	119
7	Enhanced (PC)2A for face recognition with one training image per person. <i>Pattern Recognition Letters</i> , 2004 , 25, 1173-1181	4.7	111
6	Robust image segmentation using FCM with spatial constraints based on new kernel-induced distance measure. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2004 , 34, 1907-16		707
5	Robust Face Recognition from a Single Training Image per Person with Kernel-Based SOM-Face. <i>Lecture Notes in Computer Science</i> , 2004 , 858-863	0.9	6
4	Improved exponential bidirectional associative memory. <i>Electronics Letters</i> , 1997 , 33, 223	1.1	12
3	Fuzzy clustering using kernel method		7
2	Enhanced Pictorial Structures for precise eye localization under incontrolled conditions		1
1	Improving deep label noise learning with dual active label correction. <i>Machine Learning</i> , 1	4	1