

Yiu-Ming Cheung

List of Publications by Citations

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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.

260
papers

3,806
citations

31
h-index

53
g-index

329
ext. papers

4,738
ext. citations

4.4
avg, IF

6.18
L-index

#	Paper	IF	Citations
260	Segmentation of retinal blood vessels using the radial projection and semi-supervised approach. <i>Pattern Recognition</i> , 2011 , 44, 2314-2324	7.7	258
259	Agglomerative Fuzzy K-Means Clustering Algorithm with Selection of Number of Clusters. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2008 , 20, 1519-1534	4.2	152
258	Feature Selection and Kernel Learning for Local Learning-Based Clustering. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2011 , 33, 1532-47	13.3	146
257	Joint sparse principal component analysis. <i>Pattern Recognition</i> , 2017 , 61, 524-536	7.7	128
256	-Means: A new generalized k-means clustering algorithm. <i>Pattern Recognition Letters</i> , 2003 , 24, 2883-2893	7.7	121
255	A blind watermarking scheme using new nontensor product wavelet filter banks. <i>IEEE Transactions on Image Processing</i> , 2010 , 19, 3271-84	8.7	113
254	Robust Object Tracking via Key Patch Sparse Representation. <i>IEEE Transactions on Cybernetics</i> , 2017 , 47, 354-364	10.2	102
253	Selected Papers from the Ninth International Conference on Computational Intelligence and Security. <i>Scientific World Journal, The</i> , 2013 , 2013, 1-2	2.2	78
252	Self-Organizing Map-Based Weight Design for Decomposition-Based Many-Objective Evolutionary Algorithm. <i>IEEE Transactions on Evolutionary Computation</i> , 2018 , 22, 211-225	15.6	70
251	Independent component ordering in ICA time series analysis. <i>Neurocomputing</i> , 2001 , 41, 145-152	5.4	69
250	Semi-Supervised Maximum Margin Clustering with Pairwise Constraints. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2012 , 24, 926-939	4.2	64
249	Categorical-and-numerical-attribute data clustering based on a unified similarity metric without knowing cluster number. <i>Pattern Recognition</i> , 2013 , 46, 2228-2238	7.7	64
248	Efficient single image dehazing and denoising: An efficient multi-scale correlated wavelet approach. <i>Computer Vision and Image Understanding</i> , 2017 , 162, 23-33	4.3	62
247	A New Distance Metric for Unsupervised Learning of Categorical Data. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2016 , 27, 1065-79	10.3	57
246	Classifying protein sequences using hydropathy blocks. <i>Pattern Recognition</i> , 2006 , 39, 2293-2300	7.7	57
245	Maximum weighted likelihood via rival penalized EM for density mixture clustering with automatic model selection. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2005 , 17, 750-761	4.2	57
244	Sparse discriminative multi-manifold embedding for one-sample face identification. <i>Pattern Recognition</i> , 2016 , 52, 249-259	7.7	55

243	Hyperspectral Image Classification Based on 3-D Octave Convolution With Spatial Spectral Attention Network. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 59, 2430-2447	8.1	53
242	Eye Gaze Tracking With a Web Camera in a Desktop Environment. <i>IEEE Transactions on Human-Machine Systems</i> , 2015 , 45, 419-430	4.1	52
241	A new feature selection method for Gaussian mixture clustering. <i>Pattern Recognition</i> , 2009 , 42, 243-250	7.7	50
240	ApLeaf: An efficient android-based plant leaf identification system. <i>Neurocomputing</i> , 2015 , 151, 1112-1119	4.9	48
239	Using FCMC, FVS, and PCA techniques for feature extraction of multispectral images. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2005 , 2, 108-112	4.1	48
238	Objective Extraction for Many-Objective Optimization Problems: Algorithm and Test Problems. <i>IEEE Transactions on Evolutionary Computation</i> , 2016 , 20, 755-772	15.6	44
237	Writer identification using fractal dimension of wavelet subbands in gabor domain. <i>Integrated Computer-Aided Engineering</i> , 2010 , 17, 157-165	5.2	44
236	On rival penalization controlled competitive learning for clustering with automatic cluster number selection. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2005 , 17, 1583-1588	4.2	42
235	Reversible data hiding in Paillier cryptosystem. <i>Journal of Visual Communication and Image Representation</i> , 2016 , 40, 765-771	2.7	41
234	A Sequential Quantization Strategy for Data Embedding and Integrity Verification. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2007 , 17, 1007-1016	6.4	38
233	A novel approach to extracting features from motif content and protein composition for protein sequence classification. <i>Neural Networks</i> , 2005 , 18, 1019-28	9.1	38
232	Single object tracking via robust combination of particle filter and sparse representation. <i>Signal Processing</i> , 2015 , 110, 178-187	4.4	37
231	Improving posture classification accuracy for depth sensor-based human activity monitoring in smart environments. <i>Computer Vision and Image Understanding</i> , 2016 , 148, 97-110	4.3	37
230	Rival-model penalized self-organizing map. <i>IEEE Transactions on Neural Networks</i> , 2007 , 18, 289-95		31
229	MTFH: A Matrix Tri-Factorization Hashing Framework for Efficient Cross-Modal Retrieval. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2021 , 43, 964-981	13.3	31
228	Subspace Clustering of Categorical and Numerical Data With an Unknown Number of Clusters. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 3308-3325	10.3	30
227	Learning a mixture model for clustering with the completed likelihood minimum message length criterion. <i>Pattern Recognition</i> , 2014 , 47, 2011-2030	7.7	29
226	A Multi-Objective Evolutionary Algorithm Using Min-Max Strategy And Sphere Coordinate Transformation. <i>Intelligent Automation and Soft Computing</i> , 2009 , 15, 361-384	2.6	29

225	Local Kernel Regression Score for Selecting Features of High-Dimensional Data. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2009 , 21, 1798-1802	4.2	29
224	Robust heterogeneous discriminative analysis for face recognition with single sample per person. <i>Pattern Recognition</i> , 2019 , 89, 91-107	7.7	28
223	Rank-One Matrix Completion With Automatic Rank Estimation via L1-Norm Regularization. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 4744-4757	10.3	27
222	Learning Multi-Boosted HMMs for Lip-Password Based Speaker Verification. <i>IEEE Transactions on Information Forensics and Security</i> , 2014 , 9, 233-246	8	27
221	Reversible Watermarking by Modulation and Security Enhancement. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2010 , 59, 221-228	5.2	27
220	A high-capacity reversible data hiding method for homomorphic encrypted images. <i>Journal of Visual Communication and Image Representation</i> , 2019 , 62, 87-96	2.7	26
219	A fragile watermarking scheme for 3D meshes 2005 ,		26
218	T-MOEA/D: MOEA/D with Objective Transform in Multi-objective Problems 2010 ,		25
217	Security of public key encryption technique based on multiple chaotic systems. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2006 , 360, 259-262	2.3	25
216	A local region based approach to lip tracking. <i>Pattern Recognition</i> , 2012 , 45, 3336-3347	7.7	23
215	Learning Compact Binary Codes for Hash-Based Fingerprint Indexing. <i>IEEE Transactions on Information Forensics and Security</i> , 2015 , 10, 1603-1616	8	21
214	Unified Sparse Subspace Learning via Self-Contained Regression. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2018 , 28, 2537-2550	6.4	21
213	Cooperative and penalized competitive learning with application to kernel-based clustering. <i>Pattern Recognition</i> , 2014 , 47, 3060-3069	7.7	21
212	Dual multivariate auto-regressive modeling in state space for temporal signal separation. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2003 , 33, 386-98		21
211	On Solving WCDMA Network Planning Using Iterative Power Control Scheme and Evolutionary Multiobjective Algorithm [Application Notes]. <i>IEEE Computational Intelligence Magazine</i> , 2014 , 9, 44-52	5.6	20
210	Automatic lip localization under face illumination with shadow consideration. <i>Signal Processing</i> , 2009 , 89, 2425-2434	4.4	20
209	Feature Extraction for Incomplete Data Via Low-Rank Tensor Decomposition With Feature Regularization. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2019 , 30, 1803-1817	10.3	20
208	A Hybrid of Local and Global Saliencies for Detecting Image Salient Region and Appearance. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2017 , 47, 86-97	7.3	19

207	Corrupted and occluded face recognition via cooperative sparse representation. <i>Pattern Recognition</i> , 2016 , 56, 77-87	7.7	19
206	Evolutionary Many-Objective Algorithm Using Decomposition-Based Dominance Relationship. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 4129-4139	10.2	19
205	Optimal WCDMA network planning by multiobjective evolutionary algorithm with problem-specific genetic operation. <i>Knowledge and Information Systems</i> , 2015 , 45, 679-703	2.4	18
204	Automatic motion capture data denoising via filtered subspace clustering and low rank matrix approximation. <i>Signal Processing</i> , 2014 , 105, 350-362	4.4	18
203	Efficient Human Motion Retrieval via Temporal Adjacent Bag of Words and Discriminative Neighborhood Preserving Dictionary Learning. <i>IEEE Transactions on Human-Machine Systems</i> , 2017 , 47, 763-776	4.1	17
202	Reversible Data Hiding With Image Contrast Enhancement Based on Two-Dimensional Histogram Modification. <i>IEEE Access</i> , 2019 , 7, 83332-83342	3.5	17
201	Effect of plasma treatment of Au-Ni-Cu bond pads on process windows of Au wire bonding. <i>IEEE Transactions on Advanced Packaging</i> , 2005 , 28, 674-684		16
200	Inference-Based Similarity Search in Randomized Montgomery Domains for Privacy-Preserving Biometric Identification. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2018 , 40, 1611-1624	13.2	15
199	Topology Aware Data-Driven Inverse Kinematics. <i>Computer Graphics Forum</i> , 2013 , 32, 61-70	2.4	15
198	Pseudo-random number generator based on asymptotic deterministic randomness. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2008 , 372, 4388-4394	2.3	15
197	Dynamic Weighted Majority for Incremental Learning of Imbalanced Data Streams with Concept Drift 2017 ,		15
196	A Novel Hybrid GA/SVM System for Protein Sequences Classification. <i>Lecture Notes in Computer Science</i> , 2004 , 11-16	0.9	15
195	Fast and Accurate Hierarchical Clustering Based on Growing Multilayer Topology Training. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2019 , 30, 876-890	10.3	14
194	Lip segmentation under MAP-MRF framework with automatic selection of local observation scale and number of segments. <i>IEEE Transactions on Image Processing</i> , 2014 , 23, 3397-411	8.7	14
193	Symbolic Vector Dynamics Approach to Initial Condition and Control Parameters Estimation of Coupled Map Lattices. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2008 , 55, 1116-1124	3.9	14
192	A Novel Motion Based Lip Feature Extraction for Lip-Reading 2008 ,		14
191	. <i>IEEE Transactions on Multimedia</i> , 2019 , 21, 1399-1411	6.6	14
190	Bayesian Low-Tubal-Rank Robust Tensor Factorization with Multi-Rank Determination. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2021 , 43, 62-76	13.3	14

189	A Lip Contour Extraction Method Using Localized Active Contour Model with Automatic Parameter Selection 2010 ,		13
188	An extended ASLD trading system to enhance portfolio management. <i>IEEE Transactions on Neural Networks</i> , 2003 , 14, 413-25		13
187	Bayes Imbalance Impact Index: A Measure of Class Imbalanced Data Set for Classification Problem. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , 31, 3525-3539	10.3	13
186	A Cooperative Learning-Based Clustering Approach to Lip Segmentation Without Knowing Segment Number. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2017 , 28, 80-93	10.3	12
185	Public Authentication of 3D Mesh Models 2006 ,		12
184	Process windows for low-temperature Au wire bonding. <i>Journal of Electronic Materials</i> , 2004 , 33, 146-155.	9	12
183	Attention guided deep audio-face fusion for efficient speaker naming. <i>Pattern Recognition</i> , 2019 , 88, 557-568	7.7	11
182	Synergistic Generic Learning for Face Recognition From a Contaminated Single Sample per Person. <i>IEEE Transactions on Information Forensics and Security</i> , 2020 , 15, 195-209	8	11
181	Adaptive Weighted Sparse Principal Component Analysis for Robust Unsupervised Feature Selection. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , 31, 2153-2163	10.3	11
180	Arabic font recognition based on diacritics features. <i>Pattern Recognition</i> , 2014 , 47, 672-684	7.7	10
179	A Data Mapping Method for Steganography and Its Application to Images. <i>Lecture Notes in Computer Science</i> , 2008 , 236-250	0.9	10
178	Comparative performance of gold wire bonding on rigid and flexible substrates. <i>Journal of Materials Science: Materials in Electronics</i> , 2006 , 17, 597-606	2.1	10
177	Bark texture feature extraction based on statistical texture analysis		10
176	A Unified Entropy-Based Distance Metric for Ordinal-and-Nominal-Attribute Data Clustering. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , 31, 39-52	10.3	10
175	Self-Adaptive Multiprototype-Based Competitive Learning Approach: A k-Means-Type Algorithm for Imbalanced Data Clustering. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 1598-1612	10.2	10
174	High-Capacity Reversible Data Hiding in Encrypted Images by Bit Plane Partition and MSB Prediction. <i>IEEE Access</i> , 2019 , 7, 62361-62371	3.5	9
173	Discriminant Manifold Learning via Sparse Coding for Robust Feature Extraction. <i>IEEE Access</i> , 2017 , 5, 13978-13991	3.5	9
172	Online objective reduction for many-objective optimization problems 2014 ,		9

171	SKM-SNP: SNP markers detection method. <i>Journal of Biomedical Informatics</i> , 2010 , 43, 233-9	10.2	9
170	Estimating initial conditions in coupled map lattices from noisy time series using symbolic vector dynamics. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2007 , 367, 316-321	2.3	9
169	On Convergence Rate of a Class of Genetic Algorithms 2006 ,		9
168	A novel hybrid GA/RBFNN technique for protein sequences classification. <i>Protein and Peptide Letters</i> , 2005 , 12, 383-6	1.9	9
167	An RPCL-based approach for Markov model identification with unknown state number. <i>IEEE Signal Processing Letters</i> , 2000 , 7, 284-287	3.2	9
166	Adaptive Chunk-Based Dynamic Weighted Majority for Imbalanced Data Streams With Concept Drift. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , 31, 2764-2778	10.3	9
165	Hybrid Sampling with Bagging for Class Imbalance Learning. <i>Lecture Notes in Computer Science</i> , 2016 , 14-26	0.9	9
164	Variance constrained partial least squares. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2015 , 145, 60-71	3.8	8
163	. <i>IEEE Transactions on Multimedia</i> , 2019 , 21, 3083-3094	6.6	8
162	Lip segmentation and tracking under MAP-MRF framework with unknown segment number. <i>Neurocomputing</i> , 2013 , 104, 155-169	5.4	8
161	Discretizing Numerical Attributes in Decision Tree for Big Data Analysis 2014 ,		8
160	Ultra local binary pattern for image texture analysis 2014 ,		8
159	ANALYSIS OF GENE EXPRESSION DATA USING RPEM ALGORITHM IN NORMAL MIXTURE MODEL WITH DYNAMIC ADJUSTMENT OF LEARNING RATE. <i>International Journal of Pattern Recognition and Artificial Intelligence</i> , 2010 , 24, 651-666	1.1	8
158	SMART: a subspace clustering algorithm that automatically identifies the appropriate number of clusters. <i>International Journal of Data Mining, Modelling and Management</i> , 2009 , 1, 149	0.2	8
157	Adaptive rival penalized competitive learning and combined linear predictor model for financial forecast and investment. <i>International Journal of Neural Systems</i> , 1997 , 8, 517-34	6.2	8
156	Topological fractal networks introduced by mixed degree distribution. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2007 , 380, 592-600	3.3	8
155	Robust Low-Rank Tensor Minimization via a New Tensor Spectral k-Support Norm. <i>IEEE Transactions on Image Processing</i> , 2019 ,	8.7	8
154	Toward Efficient Image Representation: Sparse Concept Discriminant Matrix Factorization. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2019 , 29, 3184-3198	6.4	8

153	Fast hypervolume approximation scheme based on a segmentation strategy. <i>Information Sciences</i> , 2020 , 509, 320-342	7.7	8
152	Multi-view Manifold Learning for Media Interestingness Prediction 2017 ,		7
151	Proximal average approximated incremental gradient descent for composite penalty regularized empirical risk minimization. <i>Machine Learning</i> , 2017 , 106, 595-622	4	7
150	Tensor Rank Estimation and Completion via CP-based Nuclear Norm 2017 ,		7
149	Automatic Segmentation of Color Lip Images Based on Morphological Filter. <i>Lecture Notes in Computer Science</i> , 2010 , 384-387	0.9	7
148	Image denoising by using nonseparable wavelet filters and two-dimensional principal component analysis. <i>Optical Engineering</i> , 2008 , 47, 107002	1.1	7
147	The asymptotic deterministic randomness. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2007 , 368, 38-47	2.3	7
146	Plant Leaf Identification via a Growing Convolution Neural Network with Progressive Sample Learning. <i>Lecture Notes in Computer Science</i> , 2015 , 348-361	0.9	7
145	Preference Bi-objective Evolutionary Algorithm for Constrained Optimization. <i>Lecture Notes in Computer Science</i> , 2005 , 184-191	0.9	7
144	The common self-polar triangle of separate circles: Properties and applications to camera calibration 2016 ,		6
143	Automatic mitral valve leaflet tracking in Echocardiography via constrained outlier pursuit and region-scalable active contours. <i>Neurocomputing</i> , 2014 , 144, 47-57	5.4	6
142	A batch rival penalized expectation-maximization algorithm for Gaussian mixture clustering with automatic model selection. <i>Computational and Mathematical Methods in Medicine</i> , 2012 , 2012, 425730	2.8	6
141	A reversible data hiding approach to mesh authentication		6
140	A hypersphere method for plant leaves classification		6
139	Meta-hashing for Remote Sensing Image Retrieval. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 1-1	8.1	6
138	Adversarial Tri-Fusion Hashing Network for Imbalanced Cross-Modal Retrieval. <i>IEEE Transactions on Emerging Topics in Computational Intelligence</i> , 2021 , 5, 607-619	4.1	6
137	On Weight Design of Maximum Weighted Likelihood and an Extended EM Algorithm. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2006 , 18, 1429-1434	4.2	5
136	An empirical method to select dominant independent components in ICA for time series analysis		5

135	Feature Selection for Local Learning Based Clustering. <i>Lecture Notes in Computer Science</i> , 2009 , 414-425	0.9	5
134	Iterative Dynamic Generic Learning for Face Recognition From a Contaminated Single-Sample Per Person. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , 32, 1560-1574	10.3	5
133	Homography Estimation from the Common Self-Polar Triangle of Separate Ellipses 2016 ,		5
132	Triplet Fusion Network Hashing for Unpaired Cross-Modal Retrieval 2019 ,		4
131	Dimensionality Reduction in Multiple Ordinal Regression. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 4088-4101	10.3	4
130	Fingerprint Geometric Hashing Based on Binary Minutiae Cylinder Codes 2014 ,		4
129	A robust lip tracking algorithm using localized color active contours and deformable models 2011 ,		4
128	Estimation of chaotic coupled map lattices using symbolic vector dynamics. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2010 , 374, 562-566	2.3	4
127	On blind source separation using generalized eigenvalues with a new metric. <i>Neurocomputing</i> , 2008 , 71, 973-982	5.4	4
126	Color image segmentation using rival penalized controlled competitive learning		4
125	A Divide-and-Conquer Learning Approach to Radial Basis Function Networks. <i>Neural Processing Letters</i> , 2005 , 21, 189-206	2.4	4
124	k*-Means [A Generalized k-Means Clustering Algorithm with Unknown Cluster Number. <i>Lecture Notes in Computer Science</i> , 2002 , 307-317	0.9	4
123	A High-Capacity Data Hiding Method for Polygonal Meshes. <i>Lecture Notes in Computer Science</i> , 2007 , 188-200	0.9	4
122	Feature Extraction for Incomplete Data via Low-rank Tucker Decomposition. <i>Lecture Notes in Computer Science</i> , 2017 , 564-581	0.9	4
121	Kernel Learning for Local Learning Based Clustering. <i>Lecture Notes in Computer Science</i> , 2009 , 10-19	0.9	4
120	Probabilistic Rank-One Discriminant Analysis via Collective and Individual Variation Modeling. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 627-639	10.2	4
119	A Rough-to-Fine Evolutionary Multiobjective Optimization Algorithm. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP,	10.2	4
118	ARIDet: An Accurate and Real-Time Rotational One-Stage Ship Detector in Remote Sensing Images. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 1-14	8.1	4

117	An evolutionary algorithm based on decomposition for multimodal optimization problems 2015 ,		3
116	Lossless Contrast Enhancement of Color Images with Reversible Data Hiding. <i>Entropy</i> , 2019 , 21, 910	2.8	3
115	On Solving Complex Optimization Problems with Objective Decomposition 2013 ,		3
114	Unsupervised Feature Selection with Feature Clustering 2012 ,		3
113	A Bi-Objective Model for Shelf Space Allocation Using a Hybrid Genetic Algorithm. <i>Neural Networks (IJCNN), International Joint Conference on</i> , 2007 ,		3
112	A Ranking-Based Evolutionary Algorithm for Constrained Optimization Problems 2007 ,		3
111	A novel Markov pairwise protein sequence alignment method for sequence comparison. <i>Protein and Peptide Letters</i> , 2005 , 12, 665-9	1.9	3
110	Rival Penalized Competitive Learning based approach for discrete-valued source separation. <i>International Journal of Neural Systems</i> , 2000 , 10, 483-90	6.2	3
109	Dual auto-regressive modelling approach to Gaussian process identification 2001 ,		3
108	Equalization ensemble for large scale highly imbalanced data classification. <i>Knowledge-Based Systems</i> , 2022 , 242, 108295	7.3	3
107	Camera Calibration Based on the Common Self-polar Triangle of Sphere Images. <i>Lecture Notes in Computer Science</i> , 2015 , 19-29	0.9	3
106	A Unified Metric for Categorical and Numerical Attributes in Data Clustering. <i>Lecture Notes in Computer Science</i> , 2013 , 135-146	0.9	3
105	An Ordinal Data Clustering Algorithm with Automated Distance Learning. <i>Proceedings of the AAAI Conference on Artificial Intelligence</i> , 2020 , 34, 6869-6876	5	3
104	Lip event detection using oriented histograms of regional optical flow and low rank affinity pursuit. <i>Computer Vision and Image Understanding</i> , 2016 , 148, 153-163	4.3	3
103	Hyperspectral Image Classification via Spatial Window-Based Multiview Intact Feature Learning. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 59, 2294-2306	8.1	3
102	Learnable Weighting of Intra-attribute Distances for Categorical Data Clustering with Nominal and Ordinal Attributes. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2021 , PP,	13.3	3
101	FDDH: Fast Discriminative Discrete Hashing for Large-Scale Cross-Modal Retrieval. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , PP,	10.3	3
100	Generating EEG Graphs Based on PLA for Brain Wave Pattern Recognition 2018 ,		3

99	Concept Drift-Tolerant Transfer Learning in Dynamic Environments. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , PP,	10.3	3
98	Reversible Data Hiding with Brightness Preserving Contrast Enhancement by Two-dimensional Histogram Modification. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2022 , 1-1	6.4	3
97	Detection Copy Number Variants from NGS with Sparse and Smooth Constraints. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2017 , 14, 856-867	3	2
96	Probabilistic Rank-One Tensor Analysis With Concurrent Regularizations. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 3496-3509	10.2	2
95	Content and Privacy Protection in JPEG Images by Reversible Visual Transformation. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 6776	2.6	2
94	Multi-view Latent Space Learning Based on Local Discriminant Embedding 2016 ,		2
93	A parameterless decomposition-based evolutionary multi-objective algorithm 2018 ,		2
92	Video color conceptualization using optimization. <i>Science China Information Sciences</i> , 2014 , 57, 1-11	3.4	2
91	Modeling spatial relations of human body parts for indexing and retrieving close character interactions 2015 ,		2
90	Improving clustering with pairwise constraints: a discriminative approach. <i>Knowledge and Information Systems</i> , 2013 , 36, 489-515	2.4	2
89	A Fast Objective Reduction Algorithm Based on Dominance Structure for Many Objective Optimization. <i>Lecture Notes in Computer Science</i> , 2017 , 260-271	0.9	2
88	The common self-polar triangle of concentric circles and its application to camera calibration 2015 ,		2
87	A Novel Evolutionary Multi-objective Algorithm Based on S Metric Selection and M2M Population Decomposition. <i>Proceedings in Adaptation, Learning and Optimization</i> , 2015 , 441-452	0.2	2
86	An Exemplar-Based Hidden Markov Model with Discriminative Visual Features for Lipreading 2014 ,		2
85	Active contours with a joint and region-scalable distribution metric for interactive natural image segmentation. <i>IET Image Processing</i> , 2014 , 8, 824-832	1.7	2
84	Retinal Blood Vessels Segmentation Using the Radial Projection and Supervised Classification 2010 ,		2
83	A THEORETICAL ANALYSIS OF MULTISCALE ENTROPY UNDER THE INVERSE GAUSSIAN DISTRIBUTION. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2009 , 19, 3161-3168	2	2
82	Texture Image Retrieval Using Non-separable Wavelets and Local Binary Patterns 2009 ,		2

81	Off-line Text-independent Writer Identification Using a Mixture of Global and Local Features 2011 ,		2
80	A multi-boosted HMM approach to lip password based speaker verification 2012 ,		2
79	Cooperation Controlled Competitive Learning Approach for Data Clustering 2008 ,		2
78	An Improved Competitive and Cooperative Learning Approach for Data Clustering 2007 ,		2
77	Feature Weighted Rival Penalized EM for Gaussian Mixture Clustering: Automatic Feature and Model Selections in a Single Paradigm 2006 ,		2
76	Clustering of SNP Data with Application to Genomics 2006 ,		2
75	A rival penalized EM algorithm towards maximizing weighted likelihood for density mixture clustering with automatic model selection 2004 ,		2
74	Further studies on temporal factor analysis: comparison and Kalman filter-based algorithm. <i>Neurocomputing</i> , 2003 , 50, 87-103	5.4	2
73	A New Fragile Mesh Watermarking Algorithm for Authentication. <i>IFIP Advances in Information and Communication Technology</i> , 2005 , 509-523	0.5	2
72	An experimental study: on reducing RBF input dimension by ICA and PCA		2
71	A RPCL-CLP architecture for financial time series forecasting		2
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43	An Adaptive Image Watermarking Scheme Using Non-separable Wavelets and Support Vector Regression. <i>Lecture Notes in Computer Science</i> , 2008 , 473-482	0.9	1
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31	A Unified Framework for Bidirectional Prototype Learning from Contaminated Faces across Heterogeneous Domains. <i>IEEE Transactions on Information Forensics and Security</i> , 2022 , 1-1	8	1
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