Mohamed S Kamel

List of Publications by Year in Descending Order

212 papers	**6,855** citations	**33** h-index	**79** g-index
232 ext. papers	**8,278** ext. citations	**3.5** avg, IF	**6.16** L-index

#	Paper	IF	Citations
212	Type-2 fuzzy adaptive sliding mode control of hypersonic flight. *Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering*, **2019**, 233, 2731-2744	0.9	2
211	A distributed sensor management for large-scale IoT indoor acoustic surveillance. *Future Generation Computer Systems*, **2018**, 86, 1170-1184	7.5	9
210	Tools and approaches for topic detection from Twitter streams: survey. *Knowledge and Information Systems*, **2018**, 54, 511-539	2.4	22
209	Extracting domain-specific stopwords for text classifiers. *Intelligent Data Analysis*, **2017**, 21, 39-62	1.1	9
208	Recent Trends in Driver Safety Monitoring Systems: State of the Art and Challenges. *IEEE Transactions on Vehicular Technology*, **2017**, 66, 4550-4563	6.8	53
207	Automatic Document Topic Identification Using Social Knowledge Network **2017**, 1-12		
206	MSEBAG: a dynamic classifier ensemble generation based on 'minimum-sufficient ensemble' and bagging. *International Journal of Systems Science*, **2016**, 47, 406-419	2.3	1
205	VANET IR-CAS for Safety ACN: Information Retrieval Context Aware System for VANET Automatic Crash Notification Safety Application. *International Journal of Intelligent Transportation Systems Research*, **2016**, 14, 127-138	1.4	4
204	A Multi-Modal Driver Fatigue and Distraction Assessment System. *International Journal of Intelligent Transportation Systems Research*, **2016**, 14, 173-194	1.4	33
203	Game theoretic Fuzzy Multi-Entity Bayesian Networks for collision avoidance in VANETs **2016**,		2
202	Detecting emerging and evolving novelties with locally adaptive density ratio estimation. *Knowledge and Information Systems*, **2016**, 49, 1131-1159	2.4	2
201	Introduction to the IrisCode Theory. *Advances in Computer Vision and Pattern Recognition*, **2016**, 229-245	1.1	
200	LVC: Local Variance-based Clustering **2016**,		1
199	A discrete-time learning algorithm for image restoration using a novel L2-norm noise constrained estimation. *Neurocomputing*, **2016**, 198, 155-170	5.4	23
198	Multibiometric system using fuzzy level set, and genetic and evolutionary feature extraction. *IET Biometrics*, **2015**, 4, 151-161	2.9	13
197	Short-Text Clustering using Statistical Semantics **2015**,		12
196	Locally Adaptive Density Ratio for Detecting Novelty in Twitter Streams **2015**,		5

195	Driver Inattention Detection System: A PSO-Based Multiview Classification Approach **2015**,		2
194	VANET IR-CAS for Commercial SA: Information Retrieval Context Aware System for VANET Commercial Service Announcement. *International Journal of Intelligent Transportation Systems Research*, **2015**, 13, 37-49	1.4	4
193	Greedy column subset selection for large-scale data sets. *Knowledge and Information Systems*, **2015**, 45, 1-34	2.4	28
192	Ensemble Kernel Mean Matching **2015**,		4
191	Road Detection in Urban Areas Using Random Forest Tree-Based Ensemble Classification. *Lecture Notes in Computer Science*, **2015**, 499-505	0.9	2
190	Multiview Supervised Dictionary Learning in Speech Emotion Recognition. *IEEE/ACM Transactions on Audio Speech and Language Processing*, **2014**, 22, 1056-1068	3.6	34
189	A semi-supervised temporal clustering method for facial emotion analysis **2014**,		4
188	Categorizing extent of tumor cell death response to cancer therapy using quantitative ultrasound spectroscopy and maximum mean discrepancy. *IEEE Transactions on Medical Imaging*, **2014**, 33, 1390-400	11.7	20
187	Discriminative Density-ratio Estimation **2014**,		3
186	Multibiometric System Using Level Set, Modified LBP and Random Forest. *International Journal of Image and Graphics*, **2014**, 14, 1450013	0.5	4
185	Semi-supervised Kernel-Based Temporal Clustering **2014**,		4
184	Fuzzy multi entity Bayesian networks: A model for imprecise knowledge representation and reasoning in high-level information fusion **2014**,		3
183	Models of distributed data clustering in peer-to-peer environments. *Knowledge and Information Systems*, **2014**, 38, 303-329	2.4	10
182	Audio-Visual Emotion Analysis Using Semi-Supervised Temporal Clustering with Constraint Propagation. *Lecture Notes in Computer Science*, **2014**, 3-11	0.9	2
181	An efficient concept-based retrieval model for enhancing text retrieval quality. *Knowledge and Information Systems*, **2013**, 35, 411-434	2.4	13
180	Efficient greedy feature selection for unsupervised learning. *Knowledge and Information Systems*, **2013**, 35, 285-310	2.4	45
179	Audio-visual feature-decision level fusion for spontaneous emotion estimation in speech conversations **2013**,		11
178	Distributed Column Subset Selection on MapReduce **2013**,		16

177	Kernelized Supervised Dictionary Learning. *IEEE Transactions on Signal Processing*, **2013**, 61, 4753-4767	4.8	48
176	Auto-Tuning Kernel Mean Matching **2013**,		3
175	An Arabic Optical Character Recognition System Using Restricted Boltzmann Machines. *Lecture Notes in Computer Science*, **2013**, 108-115	0.9	
174	Car driver fatigue monitoring using Hidden Markov Models and Bayesian networks **2013**,		2
173	Assessment of cancer therapy effects using texton-based characterization of quantitative ultrasound parametric images **2013**,		12
172	Unsupervised Visual Changepoint Detection Using Maximum Mean Discrepancy. *Lecture Notes in Computer Science*, **2013**, 336-345	0.9	5
171	An Introduction to the IrisCode Theory **2013**, 321-336		
170	Model order selection for multiple cooperative swarms clustering using stability analysis. *Information Sciences*, **2012**, 182, 169-183	7.7	8
169	Early internet traffic recognition based on machine learning methods **2012**,		6
168	Automatic Document Topic Identification using Wikipedia Hierarchical Ontology **2012**,		8
167	Cross-Domain Facial Expression Recognition Using Supervised Kernel Mean Matching **2012**,		15
166	VANET IR-CAS **2012**,		7
165	Vehicle localization in VANETs using data fusion and V2V communication **2012**,		31
164	Particle Swarm Optimization with Adaptive Bounds **2012**,		2
163	Feature ranking fusion for text classifier. *Intelligent Data Analysis*, **2012**, 16, 879-896	1.1	2
162	Augmenting the decomposition of EMG signals using supervised feature extraction techniques. *Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference*, **2012**, 2012, 2615-8	0.9	2
161	A Possibilistic Density Based Clustering for Discovering Clusters of Arbitrary Shapes and Densities in High Dimensional Data. *Lecture Notes in Computer Science*, **2012**, 577-584	0.9	2
160	Multibiometric System Using Level Set Method and Particle Swarm Optimization. *Lecture Notes in Computer Science*, **2012**, 20-29	0.9	2

159	Machine Learning-Based Classification of Encrypted Internet Traffic. *Lecture Notes in Computer Science*, **2012**, 578-592	0.9	3
158	Facial Expression Recognition Using Game Theory. *Lecture Notes in Computer Science*, **2012**, 139-150	0.9	3
157	Supervised Texture Classification Using a Novel Compression-Based Similarity Measure. *Lecture Notes in Computer Science*, **2012**, 379-386	0.9	1
156	A Fast and Robust Feature Set for Cross Individual Facial Expression Recognition. *Lecture Notes in Computer Science*, **2012**, 272-279	0.9	1
155	An information theoretic approach to generating fuzzy hypercubes for if-then classifiers. *Journal of Intelligent and Fuzzy Systems*, **2011**, 22, 33-52	1.6	3
154	Statistical semantics for enhancing document clustering. *Knowledge and Information Systems*, **2011**, 28, 365-393	2.4	27
153	An Efficient Greedy Method for Unsupervised Feature Selection **2011**,		38
152	Pairwise optimized Rocchio algorithm for text categorization. *Pattern Recognition Letters*, **2011**, 32, 375-382	1.7	16
151	Survey on speech emotion recognition: Features, classification schemes, and databases. *Pattern Recognition*, **2011**, 44, 572-587	7.7	1069
150	Urban land-cover classification based on swarm intelligence from high resolution remote sensing imagery **2011**,		2
149	IMPACT OF TERM DEPENDENCY AND CLASS IMBALANCE ON THE PERFORMANCE OF FEATURE RANKING METHODS. *International Journal of Pattern Recognition and Artificial Intelligence*, **2011**, 25, 953-983	1.1	6
148	A NOVEL APPROACH TO PATH PLANNING FOR AUTONOMOUS MOBILE ROBOTS. *Control and Intelligent Systems*, **2011**, 39,		5
147	Dictionary Learning in Texture Classification. *Lecture Notes in Computer Science*, **2011**, 335-343	0.9	11
146	Audio-Based Emotion Recognition from Natural Conversations Based on Co-Occurrence Matrix and Frequency Domain Energy Distribution Features. *Lecture Notes in Computer Science*, **2011**, 407-414	0.9	4
145	Multiple Classifier Systems in Texton-Based Approach for the Classification of CT Images of Lung. *Lecture Notes in Computer Science*, **2011**, 153-163	0.9	2
144	Global Optimal Path Planning for Mobile Robots Based on Hybrid Approach with High Diversity and Memorization. *Lecture Notes in Computer Science*, **2011**, 1-10	0.9	
143	Multiple Classifier System for Urban Areas Extraction from High Resolution Remote Sensing Imagery. *Lecture Notes in Computer Science*, **2011**, 307-316	0.9	1
142	Maneuvering Head Motion Tracking by Coarse-to-Fine Particle Filter. *Lecture Notes in Computer Science*, **2011**, 385-394	0.9	1

141	Random Subspace Method in Text Categorization **2010**,		4
140	Applying anti-flocking model in mobile surveillance systems **2010**,		18
139	Filter-Based Data Partitioning for Training Multiple Classifier Systems. *IEEE Transactions on Knowledge and Data Engineering*, **2010**, 22, 508-522	4.2	6
138	An Efficient Concept-Based Mining Model for Enhancing Text Clustering. *IEEE Transactions on Knowledge and Data Engineering*, **2010**, 22, 1360-1371	4.2	48
137	An analysis of IrisCode. *IEEE Transactions on Image Processing*, **2010**, 19, 522-32	8.7	44
136	Incremental clustering algorithm based on phrase-semantic similarity histogram **2010**,		3
135	AN EFFICIENT MODEL FOR ENHANCING TEXT CATEGORIZATION USING SENTENCE SEMANTICS. *Computational Intelligence*, **2010**, 26, 215-231	2.5	5
134	Cooperative clustering. *Pattern Recognition*, **2010**, 43, 2315-2329	7.7	40
133	A cooperative particle swarm optimizer with migration of heterogeneous probabilistic models. *Swarm Intelligence*, **2010**, 4, 57-89	3	11
132	Flocking based approach for data clustering. *Natural Computing*, **2010**, 9, 767-791	1.3	18
131	Integrating heterogeneous classifier ensembles for EMG signal decomposition based on classifier agreement. *IEEE Transactions on Information Technology in Biomedicine*, **2010**, 14, 866-82		10
130	Discrete cooperative particle swarm optimization for FPGA placement. *Applied Soft Computing Journal*, **2010**, 10, 284-295	7.5	25
129	A fast algorithm for AR parameter estimation using a novel noise-constrained least-squares method. *Neural Networks*, **2010**, 23, 396-405	9.1	12
128	On voting-based consensus of cluster ensembles. *Pattern Recognition*, **2010**, 43, 1943-1953	7.7	89
127	A texton-based approach for the classification of lung parenchyma in CT images. *Lecture Notes in Computer Science*, **2010**, 13, 595-602	0.9	45
126	Nonlinear Scale Space Theory in Texture Classification Using Multiple Classifier Systems. *Lecture Notes in Computer Science*, **2010**, 147-156	0.9	
125	Segmentation of Very High Resolution Remote Sensing Imagery of Urban Areas Using Particle Swarm Optimization Algorithm. *Lecture Notes in Computer Science*, **2010**, 81-88	0.9	2
124	Hierarchically Distributed Peer-to-Peer Document Clustering and Cluster Summarization. *IEEE Transactions on Knowledge and Data Engineering*, **2009**, 21, 681-698	4.2	29

123	Black-box optimization benchmarking for noiseless function testbed using PSO_bounds **2009**,		2
122	Data dependency in multiple classifier systems. *Pattern Recognition*, **2009**, 42, 1260-1273	7.7	12
121	Cooperative recurrent modular neural networks for constrained optimization: a survey of models and applications. *Cognitive Neurodynamics*, **2009**, 3, 47-81	4.2	13
120	A distance-relatedness dynamic model for clustering high dimensional data of arbitrary shapes and densities. *Pattern Recognition*, **2009**, 42, 1193-1209	7.7	26
119	A generalized adaptive ensemble generation and aggregation approach for multiple classifier systems. *Pattern Recognition*, **2009**, 42, 629-644	7.7	25
118	A survey of palmprint recognition. *Pattern Recognition*, **2009**, 42, 1408-1418	7.7	375
117	Oppositional target domain estimation using grid-based simulation. *Applied Soft Computing Journal*, **2009**, 9, 423-430	7.5	2
116	A Comparative Study of Clustering Methods for Urban Areas Segmentation from High Resolution Remote Sensing Image **2009**,		2
115	Multisensor data fusion: Antecedents and directions **2009**,		7
114	Particle filtering for bearing-only audio-visual speaker detection and tracking **2009**,		1
113	Coordinated motion control of mobile sensors in surveillance systems **2009**,		7
112	Document Clustering Using Semantic Kernels Based on Term-Term Correlations **2009**,		3
111	CLASSIFICATION OF IMBALANCED DATA: A REVIEW. *International Journal of Pattern Recognition and Artificial Intelligence*, **2009**, 23, 687-719	1.1	773
110	Discrete and continuous particle swarm optimization for FPGA placement **2009**,		5
109	PSO_Bounds: A New Hybridization Technique of PSO and EDAs. *Studies in Computational Intelligence*, **2009**, 509-526	0.8	3
108	New Semantic Similarity Based Model for Text Clustering Using Extended Gloss Overlaps. *Lecture Notes in Computer Science*, **2009**, 663-677	0.9	8
107	Stability-Based Model Order Selection for Clustering Using Multiple Cooperative Particle Swarms. *Studies in Computational Intelligence*, **2009**, 197-218	0.8	
106	Cooperative Recurrent Neural Network for Multiclass Support Vector Machine Learning. *Lecture Notes in Computer Science*, **2009**, 276-286	0.9	1

105	Enhancing Text Clustering Performance Using Semantic Similarity. *Lecture Notes in Business Information Processing*, **2009**, 325-335	0.6	0
104	A software package for interactive motor unit potential classification using fuzzy k-NN classifier. *Computer Methods and Programs in Biomedicine*, **2008**, 89, 56-71	6.9	18
103	Cooperative Learning Algorithms for Data Fusion Using Novel L_{1} Estimation. *IEEE Transactions on Signal Processing*, **2008**, 56, 1083-1095	4.8	15
102	Cumulative voting consensus method for partitions with variable number of clusters. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2008**, 30, 160-73	13.3	148
101	Geometry-based image retrieval in binary image databases. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2008**, 30, 1003-13	13.3	102
100	A novel validity measure for clusters of arbitrary shapes and densities **2008**,		8
99	A generalized least absolute deviation method for parameter estimation of autoregressive signals. *IEEE Transactions on Neural Networks*, **2008**, 19, 107-18		29
98	A Fuzzy Approach for Analyzing Outliers in Gene Expression Data **2008**,		1
97	Keyword extraction rules based on a part-of-speech hierarchy. *International Journal of Advanced Media and Communication*, **2008**, 2, 138	1	11
96	A cooperative recurrent neural network for solving L(1) estimation problems with general linear constraints. *Neural Computation*, **2008**, 20, 844-72	2.9	12
95	Tradeoff between exploration and exploitation of OQ(▯with non-Markovian update in dynamic environments **2008**,		2
94	Model order selection for multiple cooperative swarms clustering using stability analysis **2008**,		2
93	Domain Representation Using Possibility Theory: An Exploratory Study. *IEEE Transactions on Fuzzy Systems*, **2008**, 16, 1531-1541	8.3	
92	Toward a tight upper bound for the error probability of the binary Gaussian classification problem. *Pattern Recognition*, **2008**, 41, 2120-2132	7.7	7
91	Fuzzy preferences in conflicts. *Journal of Systems Science and Systems Engineering*, **2008**, 17, 257-276	1.2	28
90	Diversity-based combination of non-parametric classifiers for EMG signal decomposition. *Pattern Analysis and Applications*, **2008**, 11, 385-408	2.3	7
89	Three measures for secure palmprint identification. *Pattern Recognition*, **2008**, 41, 1329-1337	7.7	56
88	An interactive environment for motor unit potential classification using certainty-based classifiers. *Simulation Modelling Practice and Theory*, **2008**, 16, 1293-1311	3.9	0

87	Fusion of multiple classifiers for motor unit potential sorting. *Biomedical Signal Processing and Control*, **2008**, 3, 229-243	4.9	8
86	Distributed collaborative Web document clustering using cluster keyphrase summaries. *Information Fusion*, **2008**, 9, 465-480	16.7	14
85	Finding Arbitrary Shaped Clusters for Character Recognition. *Lecture Notes in Computer Science*, **2008**, 597-608	0.9	
84	A Taxonomy of Cooperative Particle Swarm Optimizers. *International Journal of Computational Intelligence Research*, **2008**, 4,	0	27
83	Efficient Bisecting k-Medoids and Its Application in Gene Expression Analysis. *Lecture Notes in Computer Science*, **2008**, 423-434	0.9	4
82	The Concept of Opposition and Its Use in Q-Learning and Q□Techniques. *Studies in Computational Intelligence*, **2008**, 233-253	0.8	3
81	Automatic Extraction of Domain-Specific Stopwords from Labeled Documents **2008**, 222-233		16
80	Enhancing Text Categorization Using Sentence Semantics. *Lecture Notes in Computer Science*, **2008**, 87-98	0.9	1
79	**2007**,		6
78	Novel cooperative neural fusion algorithms for image restoration and image fusion. *IEEE Transactions on Image Processing*, **2007**, 16, 367-81	8.7	44
77	Pitch Control of an Aircraft with Aggregated Reinforcement Learning Algorithms. *Neural Networks (IJCNN), International Joint Conference on*, **2007**,		2
76	HP2PC: Scalable Hierarchically-Distributed Peer-to-Peer Clustering **2007**,		4
75	Stand-alone embedded vision system based on fuzzy associative database. *Image and Vision Computing*, **2007**, 25, 1165-1173	3.7	
74	A hybrid classifier fusion approach for motor unit potential classification during EMG signal decomposition. *IEEE Transactions on Biomedical Engineering*, **2007**, 54, 1715-21	5	9
73	Shape retrieval using triangle-area representation and dynamic space warping. *Pattern Recognition*, **2007**, 40, 1911-1920	7.7	192
72	Cost-sensitive boosting for classification of imbalanced data. *Pattern Recognition*, **2007**, 40, 3358-3378	7.7	895
71	A Text Classification Framework with a Local Feature Ranking for Learning Social Networks **2007**,		2
70	Cooperative Swarms for Clustering Phoneme Data **2007**,		3

69	A measurement fusion method for nonlinear system identification using a cooperative learning algorithm. *Neural Computation*, **2007**, 19, 1589-632	2.9	1
68	Aggregation of tiling-based reinforcement learning algorithms **2007**,		2
67	Development and Analysis of a Neural Dynamical Approach to Nonlinear Programming Problems. *IEEE Transactions on Automatic Control*, **2007**, 52, 2154-2159	5.9	17
66	Enhancing Search Engine Quality Using Concept-based Text Retrieval **2007**,		11
65	A new design of multiple classifier system and its application to the classification of time series data **2007**,		3
64	Pattern Cores And Connectedness in Cancer Gene Expression **2007**,		5
63	Particle swarm optimization with varying bounds **2007**,		8
62	Discovering Connected Patterns in Gene Expression Arrays **2007**,		7
61	A concept-based model for enhancing text categorization **2007**,		31
60	Adaptive similarity search in metric trees **2007**,		2
59	Speech Emotion Recognition using Gaussian Mixture Vector Autoregressive Models **2007**,		25
58	Multiple Cooperating Swarms for Data Clustering **2007**,		13
57	Combining feature ranking for text classification **2007**,		1
56	Semantic Understanding of General Linguistic Items by Means of Fuzzy Set Theory. *IEEE Transactions on Fuzzy Systems*, **2007**, 15, 757-771	8.3	6
55	Cooperative Recurrent Neural Networks for the Constrained L_{1} Estimator. *IEEE Transactions on Signal Processing*, **2007**, 55, 3192-3206	4.8	11
54	Automatic Taxonomy Extraction Using Google and Term Dependency **2007**,		8
53	Opposition-Based Q(])with Non-Markovian Update **2007**,		11
52	Aggressive Feature Selection by Feature Ranking. *Chapman & Hall/CRC Data Mining and Knowledge Discovery Series*, **2007**, 313-333		3

51	Adaptive certainty-based classification for decomposition of EMG signals. *Medical and Biological Engineering and Computing*, **2006**, 44, 298-310	3.1	13
50	Collaborative Document Clustering **2006**,		26
49	AGGREGATION OF MULTIPLE REINFORCEMENT LEARNING ALGORITHMS. *International Journal on Artificial Intelligence Tools*, **2006**, 15, 855-861	0.9	4
48	Boosting for Learning Multiple Classes with Imbalanced Class Distribution. *IEEE International Conference on Data Mining*, **2006**,		113
47	Modular-Based Classifier for Phoneme Recognition **2006**,		1
46	Enhancing Text Retrieval Performance using Conceptual Ontological Graph **2006**,		10
45	Enhancing Text Clustering Using Concept-based Mining Model. *IEEE International Conference on Data Mining*, **2006**,		16
44	Wavelet approximation-based affine invariant shape representation functions. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2006**, 28, 323-7	13.3	27
43	Analysis of brute-force break-ins of a palmprint authentication system. *IEEE Transactions on Systems, Man, and Cybernetics*, **2006**, 36, 1201-5		24
42	Cooperation: Concepts and General Typology **2006**,		5
41	Learning Social Networks from Web Documents Using Support Vector Classifiers **2006**,		6
40	Multi-object image retrieval based on shape and topology. *Signal Processing: Image Communication*, **2006**, 21, 904-918	2.8	20
39	An aggregated clustering approach using multi-ant colonies algorithms. *Pattern Recognition*, **2006**, 39, 1278-1289	7.7	70
38	Adaptive fuzzy k-NN classifier for EMG signal decomposition. *Medical Engineering and Physics*, **2006**, 28, 694-709	2.4	35
37	Palmprint identification using feature-level fusion. *Pattern Recognition*, **2006**, 39, 478-487	7.7	251
36	An analysis of BioHashing and its variants. *Pattern Recognition*, **2006**, 39, 1359-1368	7.7	185
35	Adaptive fusion and co-operative training for classifier ensembles. *Pattern Recognition*, **2006**, 39, 1781-1794	7.7	25
34	Learning Mechanisms for Intelligent Fault Diagnosis **2006**,		2

#	Reference		
33	Higher order feature selection for text classification. *Knowledge and Information Systems*, **2006**, 9, 468-491	2.1	15
32	Clustering Ensemble Using ANT and ART. *Studies in Computational Intelligence*, **2006**, 243-264	0.8	1
31	CorePhrase: Keyphrase Extraction for Document Clustering. *Lecture Notes in Computer Science*, **2005**, 265-274	0.9	45
30	Intrusion detection using hierarchical neural networks. *Pattern Recognition Letters*, **2005**, 26, 779-791	4.7	110
29	Topic Discovery from Document Using Ant-Based Clustering Combination. *Lecture Notes in Computer Science*, **2005**, 100-108	0.9	8
28	A Taxonomy of Cooperative Search Algorithms. *Lecture Notes in Computer Science*, **2005**, 32-41	0.9	43
27	Skew Estimation and Correction for Form Documents Using Wavelet Decomposition. *Lecture Notes in Computer Science*, **2005**, 182-190	0.9	
26	Empirical Study on Weighted Voting Multiple Classifiers. *Lecture Notes in Computer Science*, **2005**, 335-344	0.9	3
25	A Modular System for the Classification of Time Series Data. *Lecture Notes in Computer Science*, **2004**, 134-143	0.9	4
24	AUTOMATIC IMAGE REGISTRATION USING VIRTUAL CIRCLES. *International Journal of Image and Graphics*, **2004**, 04, 281-299	0.5	
23	Document Similarity Using a Phrase Indexing Graph Model. *Knowledge and Information Systems*, **2004**, 6, 710-727	2.4	23
22	Detail preserving impulsive noise removal. *Signal Processing: Image Communication*, **2004**, 19, 993-1003	2.8	48
21	Iterative multimodel subimage binarization for handwritten character segmentation. *IEEE Transactions on Image Processing*, **2004**, 13, 1223-30	8.7	24
20	Sharing Training Patterns among Multiple Classifiers. *Lecture Notes in Computer Science*, **2004**, 243-252	0.9	2
19	A Probabilistic Model Using Information Theoretic Measures for Cluster Ensembles. *Lecture Notes in Computer Science*, **2004**, 144-153	0.9	8
18	Range image segmentation using local approximation of scan lines with application to CAD model acquisition. *Machine Vision and Applications*, **2003**, 13, 263-274	2.8	12
17	Virtual circles: a new set of features for fast image registration. *Pattern Recognition Letters*, **2003**, 24, 1181-1190	4.7	21
16	An architecture for cooperative information systems. *Knowledge-Based Systems*, **2003**, 16, 17-27	7.3	21

15	Finding Natural Clusters Using Multi-clusterer Combiner Based on Shared Nearest Neighbors. *Lecture Notes in Computer Science*, **2003**, 166-175	0.9	40
14	A Probabilistic Model for the Cooperative Modular Neural Network. *Lecture Notes in Computer Science*, **2003**, 11-18	0.9	1
13	Data Dependence in Combining Classifiers. *Lecture Notes in Computer Science*, **2003**, 1-14	0.9	20
12	Iterative model-based binarization algorithm for cheque images. *International Journal on Document Analysis and Recognition*, **2002**, 5, 28-38	3.8	7
11	Multi-resolution image registration using multi-class Hausdorff fraction. *Pattern Recognition Letters* , **2002**, 23, 279-286	4.7	10
10	On combining classifiers using sum and product rules. *Pattern Recognition Letters*, **2001**, 22, 1283-1289	4.7	81
9	Fast computation of 2-D image moments using biaxial transform. *Pattern Recognition*, **2001**, 34, 1867-1877	7.7	2
8	Interaction Devices For Coordinating Cooperative Distributed Systems. *Intelligent Automation and Soft Computing*, **2000**, 6, 173-184	2.6	26
7	Modular neural networks: a survey. *International Journal of Neural Systems*, **1999**, 9, 129-51	6.2	80
6	Feature-based decision aggregation in modular neural network classifiers. *Pattern Recognition Letters*, **1999**, 20, 1353-1359	4.7	11
5	Adaptive image compression based on segmentation and block classification. *International Journal of Imaging Systems and Technology*, **1999**, 10, 33-46	2.5	3
4	Modular Neural Network Classifiers: A Comparative Study. *Journal of Intelligent and Robotic Systems: Theory and Applications*, **1998**, 21, 117-129	2.9	38
3	CMNN: Cooperative Modular Neural Networks. *Neurocomputing*, **1998**, 20, 189-207	5.4	12
2	CMNN: Cooperative Modular Neural Networks for pattern recognition. *Pattern Recognition Letters*, **1997**, 18, 1391-1398	4.7	35
1	Partitioning techniques for cellular manufacturing. *Manufacturing Research and Technology*, **1995**, 24, 73-95		3