Sriparna Saha

List of Publications by Year in Descending Order

202 papers	2,588 citations	22 h-index	44 g-index
227 ext. papers	3,366 ext. citations	4.3 avg, IF	6.03 L-index

#	Paper	IF	Citations
202	COVID-19 and cyberbullying: deep ensemble model to identify cyberbullying from code-switched languages during the pandemic.. *Multimedia Tools and Applications*, **2022**, 1-17	2.5	1
201	Efficient Channel Attention Based Encoder Decoder Approach for Image Captioning in Hindi. *ACM Transactions on Asian and Low-Resource Language Information Processing*, **2022**, 21, 1-17	1.1	0
200	Mental Health Disorder Identification From Motivational Conversations. *IEEE Transactions on Computational Social Systems*, **2022**, 1-10	4.5	1
199	Adversarial Multi-task Model for Emotion, Sentiment, and Sarcasm Aided Complaint Detection. *Lecture Notes in Computer Science*, **2022**, 428-442	0.9	2
198	A Multi-task Multi-modal Framework for Sentiment and Emotion aided Cyberbully Detection. *IEEE Internet Computing*, **2022**, 1-1	2.4	3
197	Multimodal Web Page Segmentation Using Self-organized Multi-objective Clustering. *ACM Transactions on Information Systems*, **2022**, 40, 1-49	4.8	
196	Investigations in Emotion Aware Multimodal Gender Prediction Systems From Social Media Data. *IEEE Transactions on Computational Social Systems*, **2022**, 1-10	4.5	1
195	Prediction of protein-protein interaction using graph neural networks.. *Scientific Reports*, **2022**, 12, 8360	4.9	1
194	A multi-modal personality prediction system. *Knowledge-Based Systems*, **2021**, 236, 107715	7.3	1
193	A Multi-task Learning Scheme for Motor Imagery Signal Classification. *Lecture Notes in Computer Science*, **2021**, 311-322	0.9	1
192	A Particle Swarm Optimization Based Feature Selection Approach for Multi-source Visual Domain Adaptation. *Communications in Computer and Information Science*, **2021**, 701-709	0.3	
191	. *IEEE Access*, **2021**, 1-1	3.5	0
190	On Multimodal Microblog Summarization. *IEEE Transactions on Computational Social Systems*, **2021**, 1-13	4.5	0
189	Assessment of Rheological Behaviour of Water-in-Oil Emulsions Mediated by Glycolipid Biosurfactant Produced by Bacillus megaterium SPSW1001. *Applied Biochemistry and Biotechnology*, **2021**, 1	3.2	0
188	Multi-population and dynamic-iterative cuckoo search algorithm for linear antenna array synthesis. *Applied Soft Computing Journal*, **2021**, 113, 108004	7.5	1
187	A Hindi Image Caption Generation Framework Using Deep Learning. *ACM Transactions on Asian and Low-Resource Language Information Processing*, **2021**, 20, 1-19	1.1	2
186	Multi-objective multi-view based search result clustering using differential evolution framework. *Expert Systems With Applications*, **2021**, 168, 114299	7.8	2

185	A New Set of Mutation Operators for Dragonfly Algorithm. *Arabian Journal for Science and Engineering*, **2021**, 46, 8761-8802	2.5	0
184	A dynamic goal adapted task oriented dialogue agent. *PLoS ONE*, **2021**, 16, e0249030	3.7	3
183	Evolutionary multi-objective optimization based overlapping subspace clustering. *Pattern Recognition Letters*, **2021**, 145, 208-215	4.7	1
182	Multi-modal advanced deep learning architectures for breast cancer survival prediction. *Knowledge-Based Systems*, **2021**, 221, 106965	7.3	18
181	Image captioning in Hindi language using transformer networks. *Computers and Electrical Engineering*, **2021**, 92, 107114	4.3	1
180	Multi-objective PSO based online feature selection for multi-label classification. *Knowledge-Based Systems*, **2021**, 222, 106966	7.3	9
179	Prediction of Protein-Protein Interactions using Deep Multi-Modal Representations **2021**,		2
178	Emoji Helps! A Multi-modal Siamese Architecture for Tweet User Verification. *Cognitive Computation*, **2021**, 13, 261-276	4.4	9
177	Emotion Aided Dialogue Act Classification for Task-Independent Conversations in a Multi-modal Framework. *Cognitive Computation*, **2021**, 13, 277-289	4.4	5
176	Incorporation of multimodal multiobjective optimization in designing a filter based feature selection technique. *Applied Soft Computing Journal*, **2021**, 98, 106823	7.5	11
175	Why pay more? A simple and efficient named entity recognition system for tweets. *Expert Systems With Applications*, **2021**, 167, 114101	7.8	7
174	MultiPredGO: Deep Multi-Modal Protein Function Prediction by Amalgamating Protein Structure, Sequence, and Interaction Information. *IEEE Journal of Biomedical and Health Informatics*, **2021**, 25, 1832-1838	7.7	6
173	Are You Really Complaining? A Multi-task Framework for Complaint Identification, Emotion, and Sentiment Classification. *Lecture Notes in Computer Science*, **2021**, 715-731	0.9	4
172	Towards Sentiment and Emotion aided Multi-modal Speech Act Classification in Twitter **2021**,		4
171	. *IEEE Transactions on Computational Social Systems*, **2021**, 1-10	4.5	3
170	Authorship Attribution of Microtext Using Capsule Networks. *IEEE Transactions on Computational Social Systems*, **2021**, 1-10	4.5	2
169	BERT-Capsule Model for Cyberbullying Detection in Code-Mixed Indian Languages. *Lecture Notes in Computer Science*, **2021**, 147-155	0.9	2
168	A Multitask Multimodal Ensemble Model for Sentiment- and Emotion-Aided Tweet Act Classification. *IEEE Transactions on Computational Social Systems*, **2021**, 1-10	4.5	1

167	AdaSwarm: Augmenting Gradient-Based Optimizers in Deep Learning With Swarm Intelligence. *IEEE Transactions on Emerging Topics in Computational Intelligence*, **2021**, 1-12	4.1	8
166	Multi-objective optimization techniques: a survey of the state-of-the-art and applications. *European Physical Journal: Special Topics*, **2021**, 230, 2319-2335	2.3	3
165	A Unified Dialogue Management Strategy for Multi-intent Dialogue Conversations in Multiple Languages. *ACM Transactions on Asian and Low-Resource Language Information Processing*, **2021**, 20, 1-22	1.1	0
164	Identifying complaints based on semi-supervised mincuts. *Expert Systems With Applications*, **2021**, 186, 115668	7.8	3
163	BERT-Caps: A Transformer-Based Capsule Network for Tweet Act Classification. *IEEE Transactions on Computational Social Systems*, **2020**, 7, 1168-1179	4.5	6
162	Incomplete multi-view gene clustering with data regeneration using Shape Boltzmann Machine. *Computers in Biology and Medicine*, **2020**, 125, 103965	7	3
161	Parsimonious Computing: A Minority Training Regime for Effective Prediction in Large Microarray Expression Data Sets **2020**,		4
160	Improved subspace clustering algorithm using multi-objective framework and subspace optimization. *Expert Systems With Applications*, **2020**, 158, 113487	7.8	5
159	Uniform distribution driven adaptive differential evolution. *Applied Intelligence*, **2020**, 50, 3638-3659	4.9	1
158	Simultaneous feature selection and clustering of micro-array and RNA-sequence gene expression data using multiobjective optimization. *International Journal of Machine Learning and Cybernetics*, **2020**, 11, 2541-2563	3.8	3
157	Towards sentiment aided dialogue policy learning for multi-intent conversations using hierarchical reinforcement learning. *PLoS ONE*, **2020**, 15, e0235367	3.7	4
156	A particle swarm optimization-based feature selection for unsupervised transfer learning. *Soft Computing*, **2020**, 24, 18713-18731	3.5	3
155	A Protein Interaction Information-based Generative Model for Enhancing Gene Clustering. *Scientific Reports*, **2020**, 10, 665	4.9	5
154	A Multi-View Deep Neural Network Model for Chemical-Disease Relation Extraction From Imbalanced Datasets. *IEEE Journal of Biomedical and Health Informatics*, **2020**, 24, 3315-3325	7.2	10
153	Particle swarm optimization based parameter selection technique for unsupervised discriminant analysis in transfer learning framework. *Applied Intelligence*, **2020**, 50, 3071-3089	4.9	5
152	Multi-Factored Gene-Gene Proximity Measures Exploiting Biological Knowledge Extracted from Gene Ontology: Application in Gene Clustering. *IEEE/ACM Transactions on Computational Biology and Bioinformatics*, **2020**, 17, 207-219	3	3
151	Textual Entailment--Based Figure Summarization for Biomedical Articles. *ACM Transactions on Multimedia Computing, Communications and Applications*, **2020**, 16, 1-24	3.4	5
150	A Unified Multi-view Clustering Algorithm Using Multi-objective Optimization Coupled with Generative Model. *ACM Transactions on Knowledge Discovery From Data*, **2020**, 14, 1-31	4	7

149	Automatic Parameter Selection of Granual Self-organizing Map for Microblog Summarization. *Lecture Notes in Computer Science*, **2020**, 680-692	0.9	
148	Towards Emotion-aided Multi-modal Dialogue Act Classification **2020**,		7
147	Online Multi-objective Subspace Clustering for Streaming Data. *Communications in Computer and Information Science*, **2020**, 95-103	0.3	
146	Automatic evolution of bi-clusters from microarray data using self-organized multi-objective evolutionary algorithm. *Applied Intelligence*, **2020**, 50, 1027-1044	4.9	3
145	A Transformer based Approach for Identification of Tweet Acts **2020**,		1
144	A multi-objective based PSO approach for inferring pathway activity utilizing protein interactions. *Multimedia Tools and Applications*, **2020**, 80, 30283	2.5	2
143	Towards integrated dialogue policy learning for multiple domains and intents using Hierarchical Deep Reinforcement Learning. *Expert Systems With Applications*, **2020**, 162, 113650	7.8	5
142	CyberBERT: BERT for cyberbullying identification. *Multimedia Systems*, **2020**, 1	2.2	9
141	Amalgamation of 3D structure and sequence information for protein-protein interaction prediction. *Scientific Reports*, **2020**, 10, 19171	4.9	5
140	Improving Depression Level Estimation by Concurrently Learning Emotion Intensity. *IEEE Computational Intelligence Magazine*, **2020**, 15, 47-59	5.6	7
139	Fusion of self-organizing map and granular self-organizing map for microblog summarization. *Soft Computing*, **2020**, 24, 18699-18711	3.5	0
138	Improving Cuckoo Search: Incorporating Changes for CEC 2017 and CEC 2020 Benchmark Problems **2020**,		6
137	Identification of cyberbullying: A deep learning based multimodal approach. *Multimedia Tools and Applications*, **2020**, 1	2.5	4
136	**2020**,		1
135	Multi-view clustering for multi-omics data using unified embedding. *Scientific Reports*, **2020**, 10, 13654	4.9	3
134	Multi-modal classification for human breast cancer prognosis prediction: Proposal of deep-learning based stacked ensemble model. *IEEE/ACM Transactions on Computational Biology and Bioinformatics*, **2020**, PP,	3	12
133	Semi-supervised orthogonal discriminant analysis with relative distance : integration with a MOO approach. *Soft Computing*, **2020**, 24, 1599-1618	3.5	1
132	Ensembling of Gene Clusters Utilizing Deep Learning and Protein-Protein Interaction Information. *IEEE/ACM Transactions on Computational Biology and Bioinformatics*, **2020**, 17, 2005-2016	3	7

131	Assessment of the Wettability of Hydrophobic Solid Substrate by Biosurfactant Produced by Bacillus aryabhattai SPS1001. *Current Microbiology*, **2020**, 77, 1716-1723	2.4	4
130	New Improved SALSHADE-cnEpSin Algorithm with Adaptive Parameters **2019**,		3
129	A Weak Supervision Technique with a Generative Model for Improved Gene Clustering **2019**,		2
128	A kernel semi-supervised distance metric learning with relative distance: Integration with a MOO approach. *Expert Systems With Applications*, **2019**, 125, 233-248	7.8	7
127	Graph-Based Hub Gene Selection Technique Using Protein Interaction Information: Application to Sample Classification. *IEEE Journal of Biomedical and Health Informatics*, **2019**, 23, 2670-2676	7.2	10
126	Fusion of evolvable genome structure and multi-objective optimization for subspace clustering. *Pattern Recognition*, **2019**, 95, 58-71	7.7	4
125	. *IEEE Access*, **2019**, 7, 42956-42967	3.5	18
124	A multiobjective multi-view cluster ensemble technique: Application in patient subclassification. *PLoS ONE*, **2019**, 14, e0216904	3.7	13
123	Bi-clustering of microarray data using a symmetry-based multi-objective optimization framework. *Soft Computing*, **2019**, 23, 5693-5714	3.5	7
122	Exploring Multi-Objective Optimization for Multi-Label Classifier Ensembles **2019**,		1
121	MM-NAEMO : Multimodal Neighborhood-sensitive Archived Evolutionary Many-objective Optimization Algorithm **2019**,		3
120	Text summarization using multiobjective optimization. *CSI Transactions on ICT*, **2019**, 7, 251-255	0.4	
119	On Some Improved Versions of Whale Optimization Algorithm. *Arabian Journal for Science and Engineering*, **2019**, 44, 9653-9691	2.5	26
118	Divide-and-conquer based non-dominated sorting with Reduced Comparisons. *Swarm and Evolutionary Computation*, **2019**, 51, 100580	9.8	1
117	Extractive single document summarization using binary differential evolution: Optimization of different sentence quality measures. *PLoS ONE*, **2019**, 14, e0223477	3.7	12
116	A Deep Attention based Framework for Image Caption Generation in Hindi Language. *Computacion Y Sistemas*, **2019**, 23,	1.4	4
115	Multi-document Summarization Using Adaptive Composite Differential Evolution. *Communications in Computer and Information Science*, **2019**, 670-678	0.3	4
114	Figure Summarization: A Multiobjective Optimization-Based Approach. *IEEE Intelligent Systems*, **2019**, 34, 43-52	4.2	16

113	Exploring Machine Learning and Deep Learning Frameworks for Task-Oriented Dialogue Act Classification **2019**,		3
112	Classification of Microarray Gene Expression Data using Weighted Grey Wolf Optimizer based Fuzzy Clustering **2019**,		2
111	Multitask Representation Learning for Multimodal Estimation of Depression Level. *IEEE Intelligent Systems*, **2019**, 34, 45-52	4.2	24
110	An Intrusion Detection System Using Unsupervised Feature Selection **2019**,		3
109	Multiobjective-Based Approach for Microblog Summarization. *IEEE Transactions on Computational Social Systems*, **2019**, 6, 1219-1231	4.5	13
108	Tweet Act Classification : A Deep Learning based Classifier for Recognizing Speech Acts in Twitter **2019**,		5
107	A divide-and-conquer based efficient non-dominated sorting approach. *Swarm and Evolutionary Computation*, **2019**, 44, 748-773	9.8	11
106	Automatic Scientific Document Clustering Using Self-organized Multi-objective Differential Evolution. *Cognitive Computation*, **2019**, 11, 271-293	4.4	25
105	Feature assisted stacked attentive shortest dependency path based Bi-LSTM model for protein protein interaction. *Knowledge-Based Systems*, **2019**, 166, 18-29	7.3	33
104	Extractive single document summarization using multi-objective optimization: Exploring self-organized differential evolution, grey wolf optimizer and water cycle algorithm. *Knowledge-Based Systems*, **2019**, 164, 45-67	7.3	34
103	NAEMO: Neighborhood-sensitive archived evolutionary many-objective optimization algorithm. *Swarm and Evolutionary Computation*, **2019**, 46, 201-218	9.8	10
102	Sophisticated SOM based genetic operators in multi-objective clustering framework. *Applied Intelligence*, **2019**, 49, 1803-1822	4.9	7
101	Information theoretic-PSO-based feature selection: an application in biomedical entity extraction. *Knowledge and Information Systems*, **2019**, 60, 1453-1478	2.4	5
100	Identification of topology-preserving, class-relevant feature subsets using multiobjective optimization. *Soft Computing*, **2019**, 23, 4717-4733	3.5	1
99	Simultaneous Clustering and Feature Weighting Using Multiobjective Optimization for Identifying Functionally Similar miRNAs. *IEEE Journal of Biomedical and Health Informatics*, **2018**, 22, 1684-1690	7.2	6
98	Exploring differential evolution and particle swarm optimization to develop some symmetry-based automatic clustering techniques: application to gene clustering. *Neural Computing and Applications*, **2018**, 30, 735-757	4.8	10
97	Enhancing point symmetry-based distance for data clustering. *Soft Computing*, **2018**, 22, 409-436	3.5	2
96	A line symmetry based genetic clustering technique: encoding lines in chromosomes. *International Journal of Machine Learning and Cybernetics*, **2018**, 9, 1963-1986	3.8	1

95	Aggregation of multi-objective fuzzy symmetry-based clustering techniques for improving gene and cancer classification. *Soft Computing*, **2018**, 22, 5935-5954	3.5	3
94	DECOR: Differential Evolution using Clustering based Objective Reduction for many-objective optimization. *Information Sciences*, **2018**, 423, 200-218	7.7	27
93	Feature selection for entity extraction from multiple biomedical corpora: A PSO-based approach. *Soft Computing*, **2018**, 22, 6881-6904	3.5	17
92	Fusion of stability and multi-objective optimization for solving cancer tissue classification problem. *Expert Systems With Applications*, **2018**, 113, 377-396	7.8	9
91	GBOS: Generalized Best Order Sort algorithm for non-dominated sorting. *Swarm and Evolutionary Computation*, **2018**, 43, 244-264	9.8	13
90	Multi-Task Learning Framework for Mining Crowd Intelligence towards Clinical Treatment **2018**,		6
89	Predicting Degree of Relevance of Pathway Markers from Gene Expression Data: A PSO Based Approach. *Lecture Notes in Computer Science*, **2018**, 3-14	0.9	2
88	Cascaded SOM: An Improved Technique for Automatic Email Classification **2018**,		5
87	Towards Obtaining Upper Bound on Sensitivity Computation Process for Cluster Validity Measures. *Fundamenta Informaticae*, **2018**, 163, 351-374	1	0
86	MBOS: Modified Best Order Sort Algorithm for Performing Non-Dominated Sorting **2018**,		4
85	Improved Cuckoo Search with Better Search Capabilities for Solving CEC2017 Benchmark Problems **2018**,		13
84	Novel symmetry-based gene-gene dissimilarity measures utilizing Gene Ontology: Application in gene clustering. *Gene*, **2018**, 679, 341-351	3.8	5
83	Exploring Multiobjective Optimization for Multiview Clustering. *ACM Transactions on Knowledge Discovery From Data*, **2018**, 12, 1-30	4	11
82	Reference point based archived many objective simulated annealing. *Information Sciences*, **2018**, 467, 725-749	7.7	12
81	Semi-supervised clustering for gene-expression data in multiobjective optimization framework. *International Journal of Machine Learning and Cybernetics*, **2017**, 8, 421-439	3.8	21
80	GAEMTBD: Genetic algorithm based entity matching techniques for bibliographic databases. *Applied Intelligence*, **2017**, 47, 197-230	4.9	6
79	Unsupervised gene selection using biological knowledge : application in sample clustering. *BMC Bioinformatics*, **2017**, 18, 513	3.6	21
78	Fusion of expression values and protein interaction information using multi-objective optimization for improving gene clustering. *Computers in Biology and Medicine*, **2017**, 89, 31-43	7	18

77	Improved solution to the non-domination level update problem. *Applied Soft Computing Journal*, **2017**, 60, 336-362	7.5	6
76	A Stack-based Ensemble Framework for Detecting Cancer MicroRNA Biomarkers. *Genomics, Proteomics and Bioinformatics*, **2017**, 15, 381-388	6.5	8
75	Analysis of Optimizers to Regulate Occupants Actions for Building Energy Management **2017**,		1
74	Entity Extraction in Biomedical Corpora: An Approach to Evaluate Word Embedding Features with PSO based Feature Selection **2017**,		3
73	A Self Organizing Map Based Multi-objective Framework for Automatic Evolution of Clusters. *Lecture Notes in Computer Science*, **2017**, 672-682	0.9	9
72	Use of line based symmetry for developing cluster validity indices. *Soft Computing*, **2016**, 20, 3461-3474	3.5	1
71	Use of Semisupervised Clustering and Feature-Selection Techniques for Identification of Co-expressed Genes. *IEEE Journal of Biomedical and Health Informatics*, **2016**, 20, 1171-7	7.2	8
70	Multi-objective semi-supervised clustering of tissue samples for cancer diagnosis. *Soft Computing*, **2016**, 20, 3381-3392	3.5	8
69	Multiobjective Simulated Annealing-Based Clustering of Tissue Samples for Cancer Diagnosis. *IEEE Journal of Biomedical and Health Informatics*, **2016**, 20, 691-8	7.2	17
68	On active annotation for named entity recognition. *International Journal of Machine Learning and Cybernetics*, **2016**, 7, 623-640	3.8	14
67	Simultaneous feature and parameter selection using multiobjective optimization: application to named entity recognition. *International Journal of Machine Learning and Cybernetics*, **2016**, 7, 597-611	3.8	11
66	Divide and conquer based non-dominated sorting for parallel environment **2016**,		13
65	A generalized framework for anaphora resolution in Indian languages. *Knowledge-Based Systems*, **2016**, 109, 147-159	7.3	3
64	Multi-objective semi-supervised clustering for automatic pixel classification from remote sensing imagery. *Soft Computing*, **2016**, 20, 4733-4751	3.5	14
63	Brain image segmentation using semi-supervised clustering. *Expert Systems With Applications*, **2016**, 52, 50-63	7.8	40
62	Automatic generation of biclusters from gene expression data using multi-objective simulated annealing approach **2016**,		2
61	Clustering based online automatic objective reduction to aid many-objective optimization **2016**,		3
60	Importance of proximity measures in clustering of cancer and miRNA datasets: proposal of an automated framework. *Molecular BioSystems*, **2016**, 12, 3478-3501		8

59	MODE: multiobjective differential evolution for feature selection and classifier ensemble. *Soft Computing*, **2015**, 19, 3529-3549	3.5	23
58	Joint model for feature selection and parameter optimization coupled with classifier ensemble in chemical mention recognition. *Knowledge-Based Systems*, **2015**, 85, 37-51	7.3	15
57	Understanding Temporal Query Intent **2015**,		4
56	Differential evolution-based feature selection technique for anaphora resolution. *Soft Computing*, **2015**, 19, 2149-2161	3.5	19
55	Named entity recognition and classification in biomedical text using classifier ensemble. *International Journal of Data Mining and Bioinformatics*, **2015**, 11, 365-91	0.5	2
54	A new semi-supervised clustering technique using multi-objective optimization. *Applied Intelligence*, **2015**, 43, 633-661	4.9	16
53	Gene Expression Classification Using a Fuzzy Point Symmetry Based PSO Clustering Technique **2015**,		8
52	Simultaneous feature selection and symmetry based clustering using multiobjective framework. *Applied Soft Computing Journal*, **2015**, 29, 479-486	7.5	16
51	Cluster validation techniques for Bibliographic databases **2014**,		4
50	Identifying Co-expressed miRNAs using Multiobjective Optimization **2014**,		3
49	On Validation of Clustering Techniques for Bibliographic Databases **2014**,		4
48	Development of Some Line Symmetry Based Cluster Validity Indices **2014**,		2
47	Bi-objective portfolio optimization using Archive Multi-objective Simulated Annealing **2014**,		2
46	Feature selection and semi-supervised clustering using multiobjective optimization. *SpringerPlus*, **2014**, 3, 465		7
45	Simultaneous feature selection and unsupervised clustering for gene-expression data in multiobjective optimization framework **2014**,		1
44	Biomedical named entity extraction: some issues of corpus compatibilities. *SpringerPlus*, **2013**, 2, 601		4
43	Gene expression data clustering using a multiobjective symmetry based clustering technique. *Computers in Biology and Medicine*, **2013**, 43, 1965-77	7	28
42	A generalized automatic clustering algorithm in a multiobjective framework. *Applied Soft Computing Journal*, **2013**, 13, 89-108	7.5	76

41	Combining feature selection and classifier ensemble using a multiobjective simulated annealing approach: application to named entity recognition. *Soft Computing*, **2013**, 17, 1-16	3.5	24
40	Simulated annealing based classifier ensemble techniques: Application to part of speech tagging. *Information Fusion*, **2013**, 14, 288-300	16.7	7
39	Stacked ensemble coupled with feature selection for biomedical entity extraction. *Knowledge-Based Systems*, **2013**, 46, 22-32	7.3	26
38	Combining multiple classifiers using vote based classifier ensemble technique for named entity recognition. *Data and Knowledge Engineering*, **2013**, 85, 15-39	1.5	66
37	Similarity Measures **2013**, 59-73		15
36	Improved multobjective algorithm for dynamic load balancing of network traffic **2013**,		1
35	Ensemble based active annotation for biomedical named entity recognition **2013**,		1
34	Entity Matching Technique for Bibliographic Database. *Lecture Notes in Computer Science*, **2013**, 34-41	0.9	6
33	Ensemble based active annotation for named entity recognition **2012**,		6
32	A min-max distance based external cluster validity index: MMI **2012**,		3
31	Multiobjective optimization for classifier ensemble and feature selection: an application to named entity recognition. *International Journal on Document Analysis and Recognition*, **2012**, 15, 143-166	3.8	14
30	Some connectivity based cluster validity indices. *Applied Soft Computing Journal*, **2012**, 12, 1555-1565	7.5	44
29	Semi-supervised clustering using multiobjective optimization **2012**,		8
28	A multiobjective simulated annealing approach for classifier ensemble: Named entity recognition in Indian languages as case studies. *Expert Systems With Applications*, **2011**, 38, 14760-14772	7.8	24
27	Automatic MR brain image segmentation using a multiseed based multiobjective clustering approach. *Applied Intelligence*, **2011**, 35, 411-427	4.9	17
26	On principle axis based line symmetry clustering techniques. *Memetic Computing*, **2011**, 3, 129-144	3.4	10
25	A new line symmetry distance based automatic clustering technique: Application to image segmentation. *International Journal of Imaging Systems and Technology*, **2011**, 21, 86-100	2.5	7
24	Weighted Vote-Based Classifier Ensemble for Named Entity Recognition. *ACM Transactions on Asian Language Information Processing*, **2011**, 10, 1-37		33

23	Multiobjective Simulated Annealing Based Approach for Feature Selection in Anaphora Resolution. *Lecture Notes in Computer Science*, **2011**, 47-58	0.9	2
22	Feature Selection Using Multiobjective Optimization for Named Entity Recognition **2010**,		16
21	A symmetry based multiobjective clustering technique for automatic evolution of clusters. *Pattern Recognition*, **2010**, 43, 738-751	7.7	102
20	Use of symmetry and stability for data clustering. *Evolutionary Intelligence*, **2010**, 3, 103-122	1.7	7
19	Classifier Ensemble Selection Using Genetic Algorithm for Named Entity Recognition. *Research on Language and Computation*, **2010**, 8, 73-99		14
18	Application of a Multiseed-Based Clustering Technique for Automatic Satellite Image Segmentation. *IEEE Geoscience and Remote Sensing Letters*, **2010**, 7, 306-308	4.1	11
17	Weighted Vote Based Classifier Ensemble Selection Using Genetic Algorithm for Named Entity Recognition. *Lecture Notes in Computer Science*, **2010**, 256-267	0.9	5
16	MR Brain Image Segmentation Using A Multi-seed Based Automatic Clustering Technique. *Fundamenta Informaticae*, **2009**, 97, 199-214	1	3
15	A New Line Symmetry Distance and Its Application to Data Clustering. *Journal of Computer Science and Technology*, **2009**, 24, 544-556	1.7	14
14	A new point symmetry based fuzzy genetic clustering technique for automatic evolution of clusters. *Information Sciences*, **2009**, 179, 3230-3246	7.7	44
13	Performance Evaluation of Some Symmetry-Based Cluster Validity Indexes. *IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews*, **2009**, 39, 420-425		20
12	A New Principal Axis Based Line Symmetry Measurement and Its Application to Clustering. *Lecture Notes in Computer Science*, **2009**, 543-550	0.9	2
11	A Simulated Annealing-Based Multiobjective Optimization Algorithm: AMOSA. *IEEE Transactions on Evolutionary Computation*, **2008**, 12, 269-283	15.6	557
10	Application of a New Symmetry-Based Cluster Validity Index for Satellite Image Segmentation. *IEEE Geoscience and Remote Sensing Letters*, **2008**, 5, 166-170	4.1	56
9	A Point Symmetry-Based Clustering Technique for Automatic Evolution of Clusters. *IEEE Transactions on Knowledge and Data Engineering*, **2008**, 20, 1441-1457	4.2	100
8	GAPS: A clustering method using a new point symmetry-based distance measure. *Pattern Recognition*, **2007**, 40, 3430-3451	7.7	125
7	Incorporation of gene ontology in identification of protein interactions from biomedical corpus: a multi-modal approach. *Annals of Operations Research*,1	3.2	
6	Patient Data De-Identification. *Advances in Computational Intelligence and Robotics Book Series*,234-253	0.4	2

5	Prediction of protein-protein interactions using stacked auto-encoder. *Transactions on Emerging Telecommunications Technologies*,e4256	1.9	3
4	Multitask Learning for Complaint Identification and Sentiment Analysis. *Cognitive Computation*,1	4.4	7
3	Scientific document summarization in multi-objective clustering framework. *Applied Intelligence*,1	4.9	0
2	Microblog summarization using self-adaptive multi-objective binary differential evolution. *Applied Intelligence*,1	4.9	0
1	An attention based multi-modal gender identification system for social media users. *Multimedia Tools and Applications*,1	2.5	