

# Sriparna Saha

## List of Publications by Year in descending order

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226  
papers

4,157  
citations

185998

28  
h-index

168136

53  
g-index

227  
all docs

227  
docs citations

227  
times ranked

2761  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mental Health Disorder Identification From Motivational Conversations. IEEE Transactions on Computational Social Systems, 2023, 10, 1130-1139.	3.2	6
2	Investigations in Emotion Aware Multimodal Gender Prediction Systems From Social Media Data. IEEE Transactions on Computational Social Systems, 2023, 10, 470-479.	3.2	5
3	Emoji, Sentiment and Emotion Aided Cyberbullying Detection in Hinglish. IEEE Transactions on Computational Social Systems, 2023, 10, 2411-2420.	3.2	6
4	CyberBERT: BERT for cyberbullying identification. Multimedia Systems, 2022, 28, 1897-1904.	3.0	37
5	Identification of cyberbullying: A deep learning based multimodal approach. Multimedia Tools and Applications, 2022, 81, 26989-27008.	2.6	15
6	Authorship Attribution of Microtext Using Capsule Networks. IEEE Transactions on Computational Social Systems, 2022, 9, 1038-1047.	3.2	4
7	A Multitask Multimodal Ensemble Model for Sentiment- and Emotion-Aided Tweet Act Classification. IEEE Transactions on Computational Social Systems, 2022, 9, 508-517.	3.2	17
8	AdaSwarm: Augmenting Gradient-Based Optimizers in Deep Learning With Swarm Intelligence. IEEE Transactions on Emerging Topics in Computational Intelligence, 2022, 6, 329-340.	3.4	15
9	Prediction of protein-protein interactions using stacked auto-encoder. Transactions on Emerging Telecommunications Technologies, 2022, 33, e4256.	2.6	7
10	Multitask Learning for Complaint Identification and Sentiment Analysis. Cognitive Computation, 2022, 14, 212-227.	3.6	18
11	Scientific document summarization in multi-objective clustering framework. Applied Intelligence, 2022, 52, 1520-1543.	3.3	10
12	Microblog summarization using self-adaptive multi-objective binary differential evolution. Applied Intelligence, 2022, 52, 1686-1702.	3.3	4
13	An attention based multi-modal gender identification system for social media users. Multimedia Tools and Applications, 2022, 81, 27033-27055.	2.6	1
14	On Multimodal Microblog Summarization. IEEE Transactions on Computational Social Systems, 2022, 9, 1317-1329.	3.2	3
15	Assessment of Rheological Behaviour of Water-in-Oil Emulsions Mediated by Glycolipid Biosurfactant Produced by Bacillus megaterium SPSW1001. Applied Biochemistry and Biotechnology, 2022, 194, 1310-1326.	1.4	4
16	A multi-modal personality prediction system. Knowledge-Based Systems, 2022, 236, 107715.	4.0	17
17	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.	1.3	5
18	COVID-19 and cyberbullying: deep ensemble model to identify cyberbullying from code-switched languages during the pandemic. Multimedia Tools and Applications, 2022, , 1-17.	2.6	7

#	ARTICLE	IF	CITATIONS
19	Adversarial Multi-task Model for Emotion, Sentiment, and Sarcasm Aided Complaint Detection. Lecture Notes in Computer Science, 2022, , 428-442.	1.0	6
20	A Multitask Multimodal Framework for Sentiment and Emotion-Aided Cyberbullying Detection. IEEE Internet Computing, 2022, 26, 68-78.	3.2	12
21	Multimodal Web Page Segmentation Using Self-organized Multi-objective Clustering. ACM Transactions on Information Systems, 2022, 40, 1-49.	3.8	2
22	Prediction of proteinâ€“protein interaction using graph neural networks. Scientific Reports, 2022, 12, 8360.	1.6	38
23	Deep learning assisted detection of toxic heavy metal ions based on visual fluorescence responses from a carbon nanoparticle array. Environmental Science: Nano, 2022, 9, 2596-2606.	2.2	4
24	Emoji Helps! A Multi-modal Siamese Architecture for Tweet User Verification. Cognitive Computation, 2021, 13, 261-276.	3.6	15
25	Emotion Aided Dialogue Act Classification for Task-Independent Conversations in a Multi-modal Framework. Cognitive Computation, 2021, 13, 277-289.	3.6	14
26	Incorporation of multimodal multiobjective optimization in designing a filter based feature selection technique. Applied Soft Computing Journal, 2021, 98, 106823.	4.1	39
27	Why pay more? A simple and efficient named entity recognition system for tweets. Expert Systems With Applications, 2021, 167, 114101.	4.4	16
28	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.	3.9	23
29	Are You Really Complaining? A Multi-task Framework for Complaint Identification, Emotion, and Sentiment Classification. Lecture Notes in Computer Science, 2021, , 715-731.	1.0	9
30	Towards Sentiment and Emotion aided Multi-modal Speech Act Classification in Twitter. , 2021, , .		15
31	A Multimodal Author Profiling System for Tweets. IEEE Transactions on Computational Social Systems, 2021, 8, 1407-1416.	3.2	15
32	BERT-Capsule Model for Cyberbullying Detection in Code-Mixed Indian Languages. Lecture Notes in Computer Science, 2021, , 147-155.	1.0	10
33	Scientific Document Summarization using Citation Context and Multi-objective Optimization. , 2021, , .		2
34	A Multi-task Multi-view based Multi-objective Clustering Algorithm. , 2021, , .		1
35	A Hindi Image Caption Generation Framework Using Deep Learning. ACM Transactions on Asian and Low-Resource Language Information Processing, 2021, 20, 1-19.	1.3	18
36	Multi-objective multi-view based search result clustering using differential evolution framework. Expert Systems With Applications, 2021, 168, 114299.	4.4	9

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37	A New Set of Mutation Operators for Dragonfly Algorithm. Arabian Journal for Science and Engineering, 2021, 46, 8761-8802.	1.7	2
38	A dynamic goal adapted task oriented dialogue agent. PLoS ONE, 2021, 16, e0249030.	1.1	9
39	Evolutionary multi-objective optimization based overlapping subspace clustering. Pattern Recognition Letters, 2021, 145, 208-215.	2.6	2
40	Multi-modal advanced deep learning architectures for breast cancer survival prediction. Knowledge-Based Systems, 2021, 221, 106965.	4.0	58
41	Image captioning in Hindi language using transformer networks. Computers and Electrical Engineering, 2021, 92, 107114.	3.0	18
42	Multi-objective PSO based online feature selection for multi-label classification. Knowledge-Based Systems, 2021, 222, 106966.	4.0	50
43	A Multimodal Classification of Noisy Hate Speech using Character Level Embedding and Attention. , 2021, , .		6
44	Prediction of Protein-Protein Interactions using Deep Multi-Modal Representations. , 2021, , .		2
45	A Transformer based Multi-task Model for Domain Classification, Intent Detection and Slot-Filling. , 2021, , .		2
46	An Emotion-aided Gender Prediction System. , 2021, , .		4
47	Multi-objective optimization techniques: a survey of the state-of-the-art and applications. European Physical Journal: Special Topics, 2021, 230, 2319-2335.	1.2	30
48	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.	1.3	2
49	Identifying complaints based on semi-supervised mincuts. Expert Systems With Applications, 2021, 186, 115668.	4.4	13
50	DCBRTS: A Classification-Summarization Approach for Evolving Tweet Streams in Multiobjective Optimization Framework. IEEE Access, 2021, 9, 148325-148338.	2.6	4
51	Multi-population and dynamic-iterative cuckoo search algorithm for linear antenna array synthesis. Applied Soft Computing Journal, 2021, 113, 108004.	4.1	9
52	A Multi-task Learning Scheme for Motor Imagery Signal Classification. Lecture Notes in Computer Science, 2021, , 311-322.	1.0	2
53	MEABRS: A Multi-objective Evolutionary Framework for Software Bug Report Summarization. , 2021, , .		1
54	A Multi-view Multiobjective Partitioning Technique for Search Results Clustering. , 2021, , .		0

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55	An Information Multiplexed Encoder-Decoder Network for Image Captioning in Hindi. , 2021, , .		3
56	A Multi-Objective Optimization-based Clustering Approach for COVID-19 Scholarly Articles. , 2021, , .		1
57	Semi-supervised orthogonal discriminant analysis with relative distance : integration with a MOO approach. Soft Computing, 2020, 24, 1599-1618.	2.1	2
58	Ensembling of Gene Clusters Utilizing Deep Learning and Protein-Protein Interaction Information. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2020, 17, 2005-2016.	1.9	11
59	Automatic evolution of bi-clusters from microarray data using self-organized multi-objective evolutionary algorithm. Applied Intelligence, 2020, 50, 1027-1044.	3.3	3
60	A Transformer based Approach for Identification of Tweet Acts. , 2020, , .		3
61	A multi-objective based PSO approach for inferring pathway activity utilizing protein interactions. Multimedia Tools and Applications, 2020, 80, 30283.	2.6	2
62	Towards integrated dialogue policy learning for multiple domains and intents using Hierarchical Deep Reinforcement Learning. Expert Systems With Applications, 2020, 162, 113650.	4.4	11
63	Amalgamation of 3D structure and sequence information for proteinâ€“protein interaction prediction. Scientific Reports, 2020, 10, 19171.	1.6	17
64	Improving Depression Level Estimation by Concurrently Learning Emotion Intensity. IEEE Computational Intelligence Magazine, 2020, 15, 47-59.	3.4	28
65	Fusion of self-organizing map and granular self-organizing map for microblog summarization. Soft Computing, 2020, 24, 18699-18711.	2.1	3
66	Improving Cuckoo Search: Incorporating Changes for CEC 2017 and CEC 2020 Benchmark Problems. , 2020, , .		12
67	Mining Graph-based Features in Multi-objective Framework for Microblog Summarization. , 2020, , .		2
68	Multi-view clustering for multi-omics data using unified embedding. Scientific Reports, 2020, 10, 13654.	1.6	15
69	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, 1-1.	1.9	33
70	BERT-Caps: A Transformer-Based Capsule Network for Tweet Act Classification. IEEE Transactions on Computational Social Systems, 2020, 7, 1168-1179.	3.2	26
71	Incomplete multi-view gene clustering with data regeneration using Shape Boltzmann Machine. Computers in Biology and Medicine, 2020, 125, 103965.	3.9	7
72	Transfer Learning based Task-oriented Dialogue Policy for Multiple Domains using Hierarchical Reinforcement Learning. , 2020, , .		0

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73	Parsimonious Computing: A Minority Training Regime for Effective Prediction in Large Microarray Expression Data Sets. , 2020, , .		5
74	Improved subspace clustering algorithm using multi-objective framework and subspace optimization. Expert Systems With Applications, 2020, 158, 113487.	4.4	10
75	Uniform distribution driven adaptive differential evolution. Applied Intelligence, 2020, 50, 3638-3659.	3.3	4
76	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.	2.3	5
77	Towards sentiment aided dialogue policy learning for multi-intent conversations using hierarchical reinforcement learning. PLoS ONE, 2020, 15, e0235367.	1.1	11
78	A particle swarm optimization-based feature selection for unsupervised transfer learning. Soft Computing, 2020, 24, 18713-18731.	2.1	7
79	A Protein Interaction Information-based Generative Model for Enhancing Gene Clustering. Scientific Reports, 2020, 10, 665.	1.6	10
80	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.	3.9	17
81	Particle swarm optimization based parameter selection technique for unsupervised discriminant analysis in transfer learning framework. Applied Intelligence, 2020, 50, 3071-3089.	3.3	11
82	Assessment of the Wettability of Hydrophobic Solid Substrate by Biosurfactant Produced by Bacillus aryabhatai SPS1001. Current Microbiology, 2020, 77, 1716-1723.	1.0	5
83	Textual Entailment-Based Figure Summarization for Biomedical Articles. ACM Transactions on Multimedia Computing, Communications and Applications, 2020, 16, 1-24.	3.0	9
84	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.	2.5	9
85	Towards Emotion-aided Multi-modal Dialogue Act Classification. , 2020, , .		31
86	Online Multi-objective Subspace Clustering for Streaming Data. Communications in Computer and Information Science, 2020, , 95-103.	0.4	3
87	Automatic Parameter Selection of Granular Self-organizing Map for Microblog Summarization. Lecture Notes in Computer Science, 2020, , 680-692.	1.0	0
88	Bi-clustering of microarray data using a symmetry-based multi-objective optimization framework. Soft Computing, 2019, 23, 5693-5714.	2.1	13
89	Exploring Multi-Objective Optimization for Multi-Label Classifier Ensembles. , 2019, , .		1
90	MM-NAEMO : Multimodal Neighborhood-sensitive Archived Evolutionary Many-objective Optimization Algorithm. , 2019, , .		6

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91	Text summarization using multiobjective optimization. CSI Transactions on ICT, 2019, 7, 251-255.	0.7	0
92	On Some Improved Versions of Whale Optimization Algorithm. Arabian Journal for Science and Engineering, 2019, 44, 9653-9691.	1.7	49
93	Divide-and-conquer based non-dominated sorting with Reduced Comparisons. Swarm and Evolutionary Computation, 2019, 51, 100580.	4.5	2
94	Extractive single document summarization using binary differential evolution: Optimization of different sentence quality measures. PLoS ONE, 2019, 14, e0223477.	1.1	27
95	New Improved SALSHADE-cnEpSin Algorithm with Adaptive Parameters. , 2019, , .		10
96	Multi-objective Approach for Semi-Supervised Discriminant Analysis with Relative Distance. , 2019, , .		0
97	A Weak Supervision Technique with a Generative Model for Improved Gene Clustering. , 2019, , .		4
98	A kernel semi-supervised distance metric learning with relative distance: Integration with a MOO approach. Expert Systems With Applications, 2019, 125, 233-248.	4.4	12
99	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.	3.9	15
100	Fusion of evolvable genome structure and multi-objective optimization for subspace clustering. Pattern Recognition, 2019, 95, 58-71.	5.1	12
101	A New Transfer Learning Algorithm in Semi-Supervised Setting. IEEE Access, 2019, 7, 42956-42967.	2.6	27
102	A multiobjective multi-view cluster ensemble technique: Application in patient subclassification. PLoS ONE, 2019, 14, e0216904.	1.1	15
103	Figure Summarization: A Multiobjective Optimization-Based Approach. IEEE Intelligent Systems, 2019, 34, 43-52.	4.0	18
104	Exploring Machine Learning and Deep Learning Frameworks for Task-Oriented Dialogue Act Classification. , 2019, , .		4
105	Classification of Microarray Gene Expression Data using Weighted Grey Wolf Optimizer based Fuzzy Clustering. , 2019, , .		3
106	A Many Objective Optimization Based Entity Matching Framework for Bibliographic Database. , 2019, , .		0
107	Multitask Representation Learning for Multimodal Estimation of Depression Level. IEEE Intelligent Systems, 2019, 34, 45-52.	4.0	61
108	An Intrusion Detection System Using Unsupervised Feature Selection. , 2019, , .		8

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109	Multiobjective-Based Approach for Microblog Summarization. IEEE Transactions on Computational Social Systems, 2019, 6, 1219-1231.	3.2	27
110	Tweet Act Classification : A Deep Learning based Classifier for Recognizing Speech Acts in Twitter. , 2019, , .		7
111	A divide-and-conquer based efficient non-dominated sorting approach. Swarm and Evolutionary Computation, 2019, 44, 748-773.	4.5	14
112	Automatic Scientific Document Clustering Using Self-organized Multi-objective Differential Evolution. Cognitive Computation, 2019, 11, 271-293.	3.6	34
113	Feature assisted stacked attentive shortest dependency path based Bi-LSTM model for proteinâ€“protein interaction. Knowledge-Based Systems, 2019, 166, 18-29.	4.0	52
114	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.	4.0	57
115	NAEMO: Neighborhood-sensitive archived evolutionary many-objective optimization algorithm. Swarm and Evolutionary Computation, 2019, 46, 201-218.	4.5	13
116	Sophisticated SOM based genetic operators in multi-objective clustering framework. Applied Intelligence, 2019, 49, 1803-1822.	3.3	9
117	Information theoretic-PSO-based feature selection: an application in biomedical entity extraction. Knowledge and Information Systems, 2019, 60, 1453-1478.	2.1	11
118	Identification of topology-preserving, class-relevant feature subsets using multiobjective optimization. Soft Computing, 2019, 23, 4717-4733.	2.1	1
119	Multi-document Summarization Using Adaptive Composite Differential Evolution. Communications in Computer and Information Science, 2019, , 670-678.	0.4	8
120	A Deep Attention based Framework for Image Caption Generation in Hindi Language. Computacion Y Sistemas, 2019, 23, .	0.2	14
121	Simultaneous Clustering and Feature Weighting Using Multiobjective Optimization for Identifying Functionally Similar miRNAs. IEEE Journal of Biomedical and Health Informatics, 2018, 22, 1684-1690.	3.9	8
122	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.	3.2	15
123	Enhancing point symmetry-based distance for data clustering. Soft Computing, 2018, 22, 409-436.	2.1	2
124	A line symmetry based genetic clustering technique: encoding lines in chromosomes. International Journal of Machine Learning and Cybernetics, 2018, 9, 1963-1986.	2.3	1
125	Aggregation of multi-objective fuzzy symmetry-based clustering techniques for improving gene and cancer classification. Soft Computing, 2018, 22, 5935-5954.	2.1	5
126	DECOR: Differential Evolution using Clustering based Objective Reduction for many-objective optimization. Information Sciences, 2018, 423, 200-218.	4.0	36



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127	Feature selection for entity extraction from multiple biomedical corpora: A PSO-based approach. <i>Soft Computing</i> , 2018, 22, 6881-6904.	2.1	26
128	Cascaded SOM: An Improved Technique for Automatic Email Classification. , 2018, , .		6
129	Towards Obtaining Upper Bound on Sensitivity Computation Process for Cluster Validity Measures. <i>Fundamenta Informaticae</i> , 2018, 163, 351-374.	0.3	1
130	On Evaluation of Entity Matching Techniques for Bibliographic Database. , 2018, , .		0
131	MBOS: Modified Best Order Sort Algorithm for Performing Non-Dominated Sorting. , 2018, , .		6
132	Improved Cuckoo Search with Better Search Capabilities for Solving CEC2017 Benchmark Problems. , 2018, , .		20
133	Novel symmetry-based gene-gene dissimilarity measures utilizing Gene Ontology: Application in gene clustering. <i>Gene</i> , 2018, 679, 341-351.	1.0	7
134	Exploring Multiobjective Optimization for Multiview Clustering. <i>ACM Transactions on Knowledge Discovery From Data</i> , 2018, 12, 1-30.	2.5	20
135	Reference point based archived many objective simulated annealing. <i>Information Sciences</i> , 2018, 467, 725-749.	4.0	17
136	Multi-factored gene-gene proximity measures exploiting biological knowledge extracted from Gene Ontology : application in gene clustering. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2018, 17, 1-1.	1.9	5
137	Fusion of stability and multi-objective optimization for solving cancer tissue classification problem. <i>Expert Systems With Applications</i> , 2018, 113, 377-396.	4.4	12
138	GBOS: Generalized Best Order Sort algorithm for non-dominated sorting. <i>Swarm and Evolutionary Computation</i> , 2018, 43, 244-264.	4.5	17
139	Predicting Degree of Relevance of Pathway Markers from Gene Expression Data: A PSO Based Approach. <i>Lecture Notes in Computer Science</i> , 2018, , 3-14.	1.0	3
140	Multi-Task Learning Framework for Mining Crowd Intelligence towards Clinical Treatment. , 2018, , .		14
141	Semi-supervised clustering for gene-expression data in multiobjective optimization framework. <i>International Journal of Machine Learning and Cybernetics</i> , 2017, 8, 421-439.	2.3	23
142	GAEMTBD: Genetic algorithm based entity matching techniques for bibliographic databases. <i>Applied Intelligence</i> , 2017, 47, 197-230.	3.3	14
143	Fusion of expression values and protein interaction information using multi-objective optimization for improving gene clustering. <i>Computers in Biology and Medicine</i> , 2017, 89, 31-43.	3.9	23
144	Improved solution to the non-domination level update problem. <i>Applied Soft Computing Journal</i> , 2017, 60, 336-362.	4.1	9

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145	A Stack-based Ensemble Framework for Detecting Cancer MicroRNA Biomarkers. <i>Genomics, Proteomics and Bioinformatics</i> , 2017, 15, 381-388.	3.0	12
146	Analysis of Optimizers to Regulate Occupant's Actions for Building Energy Management. , 2017, , .		2
147	Unsupervised gene selection using biological knowledge : application in sample clustering. <i>BMC Bioinformatics</i> , 2017, 18, 513.	1.2	29
148	A Self Organizing Map Based Multi-objective Framework for Automatic Evolution of Clusters. <i>Lecture Notes in Computer Science</i> , 2017, , 672-682.	1.0	9
149	Entity Extraction in Biomedical Corpora: An Approach to Evaluate Word Embedding Features with PSO based Feature Selection. , 2017, , .		11
150	On active annotation for named entity recognition. <i>International Journal of Machine Learning and Cybernetics</i> , 2016, 7, 623-640.	2.3	15
151	Simultaneous feature and parameter selection using multiobjective optimization: application to named entity recognition. <i>International Journal of Machine Learning and Cybernetics</i> , 2016, 7, 597-611.	2.3	15
152	Automatic generation of biclusters from gene expression data using multi-objective simulated annealing approach. , 2016, , .		4
153	A deep learning architecture for protein-protein Interaction Article identification. , 2016, , .		3
154	Clustering based online automatic objective reduction to aid many-objective optimization. , 2016, , .		3
155	An automatic framework for entity matching in bibliographic databases. , 2016, , .		5
156	Importance of proximity measures in clustering of cancer and miRNA datasets: proposal of an automated framework. <i>Molecular BioSystems</i> , 2016, 12, 3478-3501.	2.9	9
157	Divide and conquer based non-dominated sorting for parallel environment. , 2016, , .		19
158	A generalized framework for anaphora resolution in Indian languages. <i>Knowledge-Based Systems</i> , 2016, 109, 147-159.	4.0	5
159	Multi-objective semi-supervised clustering for automatic pixel classification from remote sensing imagery. <i>Soft Computing</i> , 2016, 20, 4733-4751.	2.1	16
160	Brain image segmentation using semi-supervised clustering. <i>Expert Systems With Applications</i> , 2016, 52, 50-63.	4.4	56
161	Use of line based symmetry for developing cluster validity indices. <i>Soft Computing</i> , 2016, 20, 3461-3474.	2.1	1
162	Use of Semisupervised Clustering and Feature-Selection Techniques for Identification of Co-expressed Genes. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2016, 20, 1171-1177.	3.9	10

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163	Multi-objective semi-supervised clustering of tissue samples for cancer diagnosis. <i>Soft Computing</i> , 2016, 20, 3381-3392.	2.1	13
164	Multiobjective Simulated Annealing-Based Clustering of Tissue Samples for Cancer Diagnosis. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2016, 20, 691-698.	3.9	23
165	Named entity recognition and classification in biomedical text using classifier ensemble. <i>International Journal of Data Mining and Bioinformatics</i> , 2015, 11, 365.	0.1	5
166	MR brain image segmentation using multi-objective semi-supervised clustering. , 2015, , .		0
167	A new semi-supervised clustering technique using multi-objective optimization. <i>Applied Intelligence</i> , 2015, 43, 633-661.	3.3	18
168	Gene Expression Classification Using a Fuzzy Point Symmetry Based PSO Clustering Technique. , 2015, , .		10
169	Simultaneous feature selection and semi-supervised clustering for gene-expression data. , 2015, , .		0
170	Simultaneous feature selection and symmetry based clustering using multiobjective framework. <i>Applied Soft Computing Journal</i> , 2015, 29, 479-486.	4.1	22
171	MODE: multiobjective differential evolution for feature selection and classifier ensemble. <i>Soft Computing</i> , 2015, 19, 3529-3549.	2.1	28
172	Joint model for feature selection and parameter optimization coupled with classifier ensemble in chemical mention recognition. <i>Knowledge-Based Systems</i> , 2015, 85, 37-51.	4.0	22
173	Understanding Temporal Query Intent. , 2015, , .		5
174	Differential evolution-based feature selection technique for anaphora resolution. <i>Soft Computing</i> , 2015, 19, 2149-2161.	2.1	24
175	Identifying Co-expressed miRNAs using Multiobjective Optimization. , 2014, , .		4
176	On Validation of Clustering Techniques for Bibliographic Databases. , 2014, , .		7
177	Development of Some Line Symmetry Based Cluster Validity Indices. , 2014, , .		2
178	Bi-objective portfolio optimization using Archive Multi-objective Simulated Annealing. , 2014, , .		2
179	Multi-objective clustering of tissue samples for cancer diagnosis. , 2014, , .		2
180	Gene-expression data semi-supervised clustering in Multi-Objective optimization framework. , 2014, , .		1

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181	Feature selection and semi-supervised clustering using multiobjective optimization. SpringerPlus, 2014, 3, 465.	1.2	9
182	Simultaneous feature selection and unsupervised clustering for gene-expression data in multiobjective optimization framework. , 2014, , .		1
183	Cluster validation techniques for Bibliographic databases. , 2014, , .		7
184	Two stage genetic approach for bio-chemical named entity recognition. , 2013, , .		1
185	Biomedical named entity extraction: some issues of corpus compatibilities. SpringerPlus, 2013, 2, 601.	1.2	7
186	Gene expression data clustering using a multiobjective symmetry based clustering technique. Computers in Biology and Medicine, 2013, 43, 1965-1977.	3.9	31
187	A generalized automatic clustering algorithm in a multiobjective framework. Applied Soft Computing Journal, 2013, 13, 89-108.	4.1	98
188	Combining feature selection and classifier ensemble using a multiobjective simulated annealing approach: application to named entity recognition. Soft Computing, 2013, 17, 1-16.	2.1	27
189	Simulated annealing based classifier ensemble techniques: Application to part of speech tagging. Information Fusion, 2013, 14, 288-300.	11.7	10
190	Stacked ensemble coupled with feature selection for biomedical entity extraction. Knowledge-Based Systems, 2013, 46, 22-32.	4.0	32
191	Combining multiple classifiers using vote based classifier ensemble technique for named entity recognition. Data and Knowledge Engineering, 2013, 85, 15-39.	2.1	93
192	Similarity Measures. , 2013, , 59-73.		18
193	Differential evolution based mention detection for anaphora resolution. , 2013, , .		2
194	Improved multiobjective algorithm for dynamic load balancing of network traffic. , 2013, , .		2
195	Ensemble based active annotation for biomedical named entity recognition. , 2013, , .		1
196	Entity Matching Technique for Bibliographic Database. Lecture Notes in Computer Science, 2013, , 34-41.	1.0	9
197	Semi-supervised clustering using multiobjective optimization. , 2012, , .		13
198	Mention detection and classification in bio-chemical domain using Conditional Random Field. , 2012, , .		1

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199	Ensemble based active annotation for named entity recognition. , 2012, , .		6
200	A min-max distance based external cluster validity index: MMI. , 2012, , .		5
201	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.	2.7	20
202	Some connectivity based cluster validity indices. Applied Soft Computing Journal, 2012, 12, 1555-1565.	4.1	54
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204	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.	4.4	40
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