

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	A Simulated Annealing-Based Multiobjective Optimization Algorithm: AMOSA. IEEE Transactions on Evolutionary Computation, 2008, 12, 269-283.	7.5	729
2	GAPS: A clustering method using a new point symmetry-based distance measure. Pattern Recognition, 2007, 40, 3430-3451.	5.1	154
3	A Point Symmetry-Based Clustering Technique for Automatic Evolution of Clusters. IEEE Transactions on Knowledge and Data Engineering, 2008, 20, 1441-1457.	4.0	130
4	A symmetry based multiobjective clustering technique for automatic evolution of clusters. Pattern Recognition, 2010, 43, 738-751.	5.1	114
5	A generalized automatic clustering algorithm in a multiobjective framework. Applied Soft Computing Journal, 2013, 13, 89-108.	4.1	98
6	Combining multiple classifiers using vote based classifier ensemble technique for named entity recognition. Data and Knowledge Engineering, 2013, 85, 15-39.	2.1	93
7	Application of a New Symmetry-Based Cluster Validity Index for Satellite Image Segmentation. IEEE Geoscience and Remote Sensing Letters, 2008, 5, 166-170.	1.4	67
8	Multitask Representation Learning for Multimodal Estimation of Depression Level. IEEE Intelligent Systems, 2019, 34, 45-52.	4.0	61
9	Multi-modal advanced deep learning architectures for breast cancer survival prediction. Knowledge-Based Systems, 2021, 221, 106965.	4.0	58
10	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
11	Brain image segmentation using semi-supervised clustering. Expert Systems With Applications, 2016, 52, 50-63.	4.4	56
12	Some connectivity based cluster validity indices. Applied Soft Computing Journal, 2012, 12, 1555-1565.	4.1	54
13	A new point symmetry based fuzzy genetic clustering technique for automatic evolution of clusters. Information Sciences, 2009, 179, 3230-3246.	4.0	53
14	Feature assisted stacked attentive shortest dependency path based Bi-LSTM model for protein-protein interaction. Knowledge-Based Systems, 2019, 166, 18-29.	4.0	52
15	Weighted Vote-Based Classifier Ensemble for Named Entity Recognition. ACM Transactions on Asian Language Information Processing, 2011, 10, 1-37.	0.8	50
16	Multi-objective PSO based online feature selection for multi-label classification. Knowledge-Based Systems, 2021, 222, 106966.	4.0	50
17	On Some Improved Versions of Whale Optimization Algorithm. Arabian Journal for Science and Engineering, 2019, 44, 9653-9691.	1.7	49
18	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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19	Incorporation of multimodal multiobjective optimization in designing a filter based feature selection technique. <i>Applied Soft Computing Journal</i> , 2021, 98, 106823.	4.1	39
20	Prediction of protein-protein interaction using graph neural networks. <i>Scientific Reports</i> , 2022, 12, 8360.	1.6	38
21	CyberBERT: BERT for cyberbullying identification. <i>Multimedia Systems</i> , 2022, 28, 1897-1904.	3.0	37
22	DECOR: Differential Evolution using Clustering based Objective Reduction for many-objective optimization. <i>Information Sciences</i> , 2018, 423, 200-218.	4.0	36
23	Automatic Scientific Document Clustering Using Self-organized Multi-objective Differential Evolution. <i>Cognitive Computation</i> , 2019, 11, 271-293.	3.6	34
24	Multi-modal classification for human breast cancer prognosis prediction: Proposal of deep-learning based stacked ensemble model. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2020, PP, 1-1.	1.9	33
25	Stacked ensemble coupled with feature selection for biomedical entity extraction. <i>Knowledge-Based Systems</i> , 2013, 46, 22-32.	4.0	32
26	Gene expression data clustering using a multiobjective symmetry based clustering technique. <i>Computers in Biology and Medicine</i> , 2013, 43, 1965-1977.	3.9	31
27	Towards Emotion-aided Multi-modal Dialogue Act Classification. , 2020, , .		31
28	Multi-objective optimization techniques: a survey of the state-of-the-art and applications. <i>European Physical Journal: Special Topics</i> , 2021, 230, 2319-2335.	1.2	30
29	Performance Evaluation of Some Symmetry-Based Cluster Validity Indexes. <i>IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews</i> , 2009, 39, 420-425.	3.3	29
30	Unsupervised gene selection using biological knowledge : application in sample clustering. <i>BMC Bioinformatics</i> , 2017, 18, 513.	1.2	29
31	MODE: multiobjective differential evolution for feature selection and classifier ensemble. <i>Soft Computing</i> , 2015, 19, 3529-3549.	2.1	28
32	Improving Depression Level Estimation by Concurrently Learning Emotion Intensity. <i>IEEE Computational Intelligence Magazine</i> , 2020, 15, 47-59.	3.4	28
33	Combining feature selection and classifier ensemble using a multiobjective simulated annealing approach: application to named entity recognition. <i>Soft Computing</i> , 2013, 17, 1-16.	2.1	27
34	Extractive single document summarization using binary differential evolution: Optimization of different sentence quality measures. <i>PLoS ONE</i> , 2019, 14, e0223477.	1.1	27
35	A New Transfer Learning Algorithm in Semi-Supervised Setting. <i>IEEE Access</i> , 2019, 7, 42956-42967.	2.6	27
36	Multiobjective-Based Approach for Microblog Summarization. <i>IEEE Transactions on Computational Social Systems</i> , 2019, 6, 1219-1231.	3.2	27

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37	Feature selection for entity extraction from multiple biomedical corpora: A PSO-based approach. <i>Soft Computing</i> , 2018, 22, 6881-6904.	2.1	26
38	BERT-Caps: A Transformer-Based Capsule Network for Tweet Act Classification. <i>IEEE Transactions on Computational Social Systems</i> , 2020, 7, 1168-1179.	3.2	26
39	Feature Selection Using Multiobjective Optimization for Named Entity Recognition. , 2010, , .		24
40	Differential evolution-based feature selection technique for anaphora resolution. <i>Soft Computing</i> , 2015, 19, 2149-2161.	2.1	24
41	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
42	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
43	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
44	MultiPredGO: Deep Multi-Modal Protein Function Prediction by Amalgamating Protein Structure, Sequence, and Interaction Information. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2021, 25, 1832-1838.	3.9	23
45	Simultaneous feature selection and symmetry based clustering using multiobjective framework. <i>Applied Soft Computing Journal</i> , 2015, 29, 479-486.	4.1	22
46	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
47	Automatic MR brain image segmentation using a multiseed based multiobjective clustering approach. <i>Applied Intelligence</i> , 2011, 35, 411-427.	3.3	21
48	Multiobjective optimization for classifier ensemble and feature selection: an application to named entity recognition. <i>International Journal on Document Analysis and Recognition</i> , 2012, 15, 143-166.	2.7	20
49	Improved Cuckoo Search with Better Search Capabilities for Solving CEC2017 Benchmark Problems. , 2018, , .		20
50	Exploring Multiobjective Optimization for Multiview Clustering. <i>ACM Transactions on Knowledge Discovery From Data</i> , 2018, 12, 1-30.	2.5	20
51	Divide and conquer based non-dominated sorting for parallel environment. , 2016, , .		19
52	Application of a Multiseed-Based Clustering Technique for Automatic Satellite Image Segmentation. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2010, 7, 306-308.	1.4	18
53	Similarity Measures. , 2013, , 59-73.		18
54	A new semi-supervised clustering technique using multi-objective optimization. <i>Applied Intelligence</i> , 2015, 43, 633-661.	3.3	18

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55	Figure Summarization: A Multiobjective Optimization-Based Approach. IEEE Intelligent Systems, 2019, 34, 43-52.	4.0	18
56	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
57	Multitask Learning for Complaint Identification and Sentiment Analysis. Cognitive Computation, 2022, 14, 212-227.	3.6	18
58	Image captioning in Hindi language using transformer networks. Computers and Electrical Engineering, 2021, 92, 107114.	3.0	18
59	Classifier Ensemble Selection Using Genetic Algorithm for Named Entity Recognition. Research on Language and Computation, 2010, 8, 73-99.	0.4	17
60	Reference point based archived many objective simulated annealing. Information Sciences, 2018, 467, 725-749.	4.0	17
61	GBOS: Generalized Best Order Sort algorithm for non-dominated sorting. Swarm and Evolutionary Computation, 2018, 43, 244-264.	4.5	17
62	Amalgamation of 3D structure and sequence information for protein-protein interaction prediction. Scientific Reports, 2020, 10, 19171.	1.6	17
63	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
64	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
65	A multi-modal personality prediction system. Knowledge-Based Systems, 2022, 236, 107715.	4.0	17
66	Multi-objective semi-supervised clustering for automatic pixel classification from remote sensing imagery. Soft Computing, 2016, 20, 4733-4751.	2.1	16
67	Why pay more? A simple and efficient named entity recognition system for tweets. Expert Systems With Applications, 2021, 167, 114101.	4.4	16
68	A New Line Symmetry Distance and Its Application to Data Clustering. Journal of Computer Science and Technology, 2009, 24, 544-556.	0.9	15
69	On active annotation for named entity recognition. International Journal of Machine Learning and Cybernetics, 2016, 7, 623-640.	2.3	15
70	Simultaneous feature and parameter selection using multiobjective optimization: application to named entity recognition. International Journal of Machine Learning and Cybernetics, 2016, 7, 597-611.	2.3	15
71	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
72	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

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73	A multiobjective multi-view cluster ensemble technique: Application in patient subclassification. PLoS ONE, 2019, 14, e0216904.	1.1	15
74	Identification of cyberbullying: A deep learning based multimodal approach. Multimedia Tools and Applications, 2022, 81, 26989-27008.	2.6	15
75	Multi-view clustering for multi-omics data using unified embedding. Scientific Reports, 2020, 10, 13654.	1.6	15
76	Emoji Helps! A Multi-modal Siamese Architecture for Tweet User Verification. Cognitive Computation, 2021, 13, 261-276.	3.6	15
77	Towards Sentiment and Emotion aided Multi-modal Speech Act Classification in Twitter. , 2021, , .		15
78	A Multimodal Author Profiling System for Tweets. IEEE Transactions on Computational Social Systems, 2021, 8, 1407-1416.	3.2	15
79	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
80	GAEMTBD: Genetic algorithm based entity matching techniques for bibliographic databases. Applied Intelligence, 2017, 47, 197-230.	3.3	14
81	A divide-and-conquer based efficient non-dominated sorting approach. Swarm and Evolutionary Computation, 2019, 44, 748-773.	4.5	14
82	Emotion Aided Dialogue Act Classification for Task-Independent Conversations in a Multi-modal Framework. Cognitive Computation, 2021, 13, 277-289.	3.6	14
83	A Deep Attention based Framework for Image Caption Generation in Hindi Language. Computacion Y Sistemas, 2019, 23, .	0.2	14
84	Multi-Task Learning Framework for Mining Crowd Intelligence towards Clinical Treatment. , 2018, , .		14
85	Semi-supervised clustering using multiobjective optimization. , 2012, , .		13
86	Multi-objective semi-supervised clustering of tissue samples for cancer diagnosis. Soft Computing, 2016, 20, 3381-3392.	2.1	13
87	Bi-clustering of microarray data using a symmetry-based multi-objective optimization framework. Soft Computing, 2019, 23, 5693-5714.	2.1	13
88	NAEMO: Neighborhood-sensitive archived evolutionary many-objective optimization algorithm. Swarm and Evolutionary Computation, 2019, 46, 201-218.	4.5	13
89	Identifying complaints based on semi-supervised mincuts. Expert Systems With Applications, 2021, 186, 115668.	4.4	13
90	A Stack-based Ensemble Framework for Detecting Cancer MicroRNA Biomarkers. Genomics, Proteomics and Bioinformatics, 2017, 15, 381-388.	3.0	12

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91	Fusion of stability and multi-objective optimization for solving cancer tissue classification problem. Expert Systems With Applications, 2018, 113, 377-396.	4.4	12
92	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
93	Fusion of evolvable genome structure and multi-objective optimization for subspace clustering. Pattern Recognition, 2019, 95, 58-71.	5.1	12
94	Improving Cuckoo Search: Incorporating Changes for CEC 2017 and CEC 2020 Benchmark Problems. , 2020, , .		12
95	A Multitask Multimodal Framework for Sentiment and Emotion-Aided Cyberbullying Detection. IEEE Internet Computing, 2022, 26, 68-78.	3.2	12
96	On principle axis based line symmetry clustering techniques. Memetic Computing, 2011, 3, 129-144.	2.7	11
97	Information theoretic-PSO-based feature selection: an application in biomedical entity extraction. Knowledge and Information Systems, 2019, 60, 1453-1478.	2.1	11
98	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
99	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
100	Towards sentiment aided dialogue policy learning for multi-intent conversations using hierarchical reinforcement learning. PLoS ONE, 2020, 15, e0235367.	1.1	11
101	Particle swarm optimization based parameter selection technique for unsupervised discriminant analysis in transfer learning framework. Applied Intelligence, 2020, 50, 3071-3089.	3.3	11
102	Entity Extraction in Biomedical Corpora: An Approach to Evaluate Word Embedding Features with PSO based Feature Selection. , 2017, , .		11
103	Simulated annealing based classifier ensemble techniques: Application to part of speech tagging. Information Fusion, 2013, 14, 288-300.	11.7	10
104	Gene Expression Classification Using a Fuzzy Point Symmetry Based PSO Clustering Technique. , 2015, , .		10
105	Use of Semisupervised Clustering and Feature-Selection Techniques for Identification of Co-expressed Genes. IEEE Journal of Biomedical and Health Informatics, 2016, 20, 1171-1177.	3.9	10
106	New Improved SALSHADE-cnEpSin Algorithm with Adaptive Parameters. , 2019, , .		10
107	Improved subspace clustering algorithm using multi-objective framework and subspace optimization. Expert Systems With Applications, 2020, 158, 113487.	4.4	10
108	A Protein Interaction Information-based Generative Model for Enhancing Gene Clustering. Scientific Reports, 2020, 10, 665.	1.6	10

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109	BERT-Capsule Model for Cyberbullying Detection in Code-Mixed Indian Languages. Lecture Notes in Computer Science, 2021, , 147-155.	1.0	10
110	Scientific document summarization in multi-objective clustering framework. Applied Intelligence, 2022, 52, 1520-1543.	3.3	10
111	A new line symmetry distance based automatic clustering technique: Application to image segmentation. International Journal of Imaging Systems and Technology, 2011, 21, 86-100.	2.7	9
112	Feature selection and semi-supervised clustering using multiobjective optimization. SpringerPlus, 2014, 3, 465.	1.2	9
113	Importance of proximity measures in clustering of cancer and miRNA datasets: proposal of an automated framework. Molecular BioSystems, 2016, 12, 3478-3501.	2.9	9
114	Improved solution to the non-domination level update problem. Applied Soft Computing Journal, 2017, 60, 336-362.	4.1	9
115	Sophisticated SOM based genetic operators in multi-objective clustering framework. Applied Intelligence, 2019, 49, 1803-1822.	3.3	9
116	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
117	Multi-objective multi-view based search result clustering using differential evolution framework. Expert Systems With Applications, 2021, 168, 114299.	4.4	9
118	A dynamic goal adapted task oriented dialogue agent. PLoS ONE, 2021, 16, e0249030.	1.1	9
119	A Self Organizing Map Based Multi-objective Framework for Automatic Evolution of Clusters. Lecture Notes in Computer Science, 2017, , 672-682.	1.0	9
120	Entity Matching Technique for Bibliographic Database. Lecture Notes in Computer Science, 2013, , 34-41.	1.0	9
121	Textual Entailment--Based Figure Summarization for Biomedical Articles. ACM Transactions on Multimedia Computing, Communications and Applications, 2020, 16, 1-24.	3.0	9
122	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
123	Multi-population and dynamic-iterative cuckoo search algorithm for linear antenna array synthesis. Applied Soft Computing Journal, 2021, 113, 108004.	4.1	9
124	Use of symmetry and stability for data clustering. Evolutionary Intelligence, 2010, 3, 103-122.	2.3	8
125	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
126	An Intrusion Detection System Using Unsupervised Feature Selection. , 2019, , .		8

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127	Multi-document Summarization Using Adaptive Composite Differential Evolution. Communications in Computer and Information Science, 2019, , 670-678.	0.4	8
128	Biomedical named entity extraction: some issues of corpus compatibilities. SpringerPlus, 2013, 2, 601.	1.2	7
129	On Validation of Clustering Techniques for Bibliographic Databases. , 2014, , .		7
130	Cluster validation techniques for Bibliographic databases. , 2014, , .		7
131	Novel symmetry-based gene-gene dissimilarity measures utilizing Gene Ontology: Application in gene clustering. Gene, 2018, 679, 341-351.	1.0	7
132	Tweet Act Classification : A Deep Learning based Classifier for Recognizing Speech Acts in Twitter. , 2019, , .		7
133	Incomplete multi-view gene clustering with data regeneration using Shape Boltzmann Machine. Computers in Biology and Medicine, 2020, 125, 103965.	3.9	7
134	A particle swarm optimization-based feature selection for unsupervised transfer learning. Soft Computing, 2020, 24, 18713-18731.	2.1	7
135	Prediction of proteinâ€protein interactions using stacked autoâ€encoder. Transactions on Emerging Telecommunications Technologies, 2022, 33, e4256.	2.6	7
136	Weighted Vote Based Classifier Ensemble Selection Using Genetic Algorithm for Named Entity Recognition. Lecture Notes in Computer Science, 2010, , 256-267.	1.0	7
137	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
138	MR Brain Image Segmentation Using A Multi-seed Based Automatic Clustering Technique. Fundamenta Informaticae, 2009, 97, 199-214.	0.3	6
139	Ensemble based active annotation for named entity recognition. , 2012, , .		6
140	Cascaded SOM: An Improved Technique for Automatic Email Classification. , 2018, , .		6
141	MBOS: Modified Best Order Sort Algorithm for Performing Non-Dominated Sorting. , 2018, , .		6
142	MM-NAEMO : Multimodal Neighborhood-sensitive Archived Evolutionary Many-objective Optimization Algorithm. , 2019, , .		6
143	A Multimodal Classification of Noisy Hate Speech using Character Level Embedding and Attention. , 2021, , .		6
144	Mental Health Disorder Identification From Motivational Conversations. IEEE Transactions on Computational Social Systems, 2023, 10, 1130-1139.	3.2	6

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145	Adversarial Multi-task Model for Emotion, Sentiment, and Sarcasm Aided Complaint Detection. Lecture Notes in Computer Science, 2022, , 428-442.	1.0	6
146	Emoji, Sentiment and Emotion Aided Cyberbullying Detection in Hinglish. IEEE Transactions on Computational Social Systems, 2023, 10, 2411-2420.	3.2	6
147	Bio-molecular event extraction using Support Vector Machine. , 2011, , .		5
148	A min-max distance based external cluster validity index: MMI. , 2012, , .		5
149	Named entity recognition and classification in biomedical text using classifier ensemble. International Journal of Data Mining and Bioinformatics, 2015, 11, 365.	0.1	5
150	Understanding Temporal Query Intent. , 2015, , .		5
151	An automatic framework for entity matching in bibliographic databases. , 2016, , .		5
152	A generalized framework for anaphora resolution in Indian languages. Knowledge-Based Systems, 2016, 109, 147-159.	4.0	5
153	Aggregation of multi-objective fuzzy symmetry-based clustering techniques for improving gene and cancer classification. Soft Computing, 2018, 22, 5935-5954.	2.1	5
154	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, 2018, 17, 1-1.	1.9	5
155	Parsimonious Computing: A Minority Training Regime for Effective Prediction in Large Microarray Expression Data Sets. , 2020, , .		5
156	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
157	Assessment of the Wettability of Hydrophobic Solid Substrate by Biosurfactant Produced by Bacillus aryabhatai SPS1001. Current Microbiology, 2020, 77, 1716-1723.	1.0	5
158	Efficient Channel Attention Based Encoderâ€œDecoder Approach for Image Captioning in Hindi. ACM Transactions on Asian and Low-Resource Language Information Processing, 2022, 21, 1-17.	1.3	5
159	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
160	Identifying Co-expressed miRNAs using Multiobjective Optimization. , 2014, , .		4
161	Automatic generation of biclusters from gene expression data using multi-objective simulated annealing approach. , 2016, , .		4
162	A Weak Supervision Technique with a Generative Model for Improved Gene Clustering. , 2019, , .		4

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163	Exploring Machine Learning and Deep Learning Frameworks for Task-Oriented Dialogue Act Classification. , 2019, , .		4
164	Uniform distribution driven adaptive differential evolution. Applied Intelligence, 2020, 50, 3638-3659.	3.3	4
165	Authorship Attribution of Microtext Using Capsule Networks. IEEE Transactions on Computational Social Systems, 2022, 9, 1038-1047.	3.2	4
166	Microblog summarization using self-adaptive multi-objective binary differential evolution. Applied Intelligence, 2022, 52, 1686-1702.	3.3	4
167	An Emotion-aided Gender Prediction System. , 2021, , .		4
168	Multiobjective Simulated Annealing Based Approach for Feature Selection in Anaphora Resolution. Lecture Notes in Computer Science, 2011, , 47-58.	1.0	4
169	DCBRTS: A Classification-Summarization Approach for Evolving Tweet Streams in Multiobjective Optimization Framework. IEEE Access, 2021, 9, 148325-148338.	2.6	4
170	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
171	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
172	A deep learning architecture for protein-protein Interaction Article identification. , 2016, , .		3
173	Clustering based online automatic objective reduction to aid many-objective optimization. , 2016, , .		3
174	Classification of Microarray Gene Expression Data using Weighted Grey Wolf Optimizer based Fuzzy Clustering. , 2019, , .		3
175	Automatic evolution of bi-clusters from microarray data using self-organized multi-objective evolutionary algorithm. Applied Intelligence, 2020, 50, 1027-1044.	3.3	3
176	A Transformer based Approach for Identification of Tweet Acts. , 2020, , .		3
177	Fusion of self-organizing map and granular self-organizing map for microblog summarization. Soft Computing, 2020, 24, 18699-18711.	2.1	3
178	Predicting Degree of Relevance of Pathway Markers from Gene Expression Data: A PSO Based Approach. Lecture Notes in Computer Science, 2018, , 3-14.	1.0	3
179	On Multimodal Microblog Summarization. IEEE Transactions on Computational Social Systems, 2022, 9, 1317-1329.	3.2	3
180	Online Multi-objective Subspace Clustering for Streaming Data. Communications in Computer and Information Science, 2020, , 95-103.	0.4	3

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181	An Information Multiplexed Encoder-Decoder Network for Image Captioning in Hindi. , 2021, , .		3
182	Differential evolution based mention detection for anaphora resolution. , 2013, , .		2
183	Improved multobjective algorithm for dynamic load balancing of network traffic. , 2013, , .		2
184	Development of Some Line Symmetry Based Cluster Validity Indices. , 2014, , .		2
185	Bi-objective portfolio optimization using Archive Multi-objective Simulated Annealing. , 2014, , .		2
186	Multi-objective clustering of tissue samples for cancer diagnosis. , 2014, , .		2
187	Analysis of Optimizers to Regulate Occupant's Actions for Building Energy Management. , 2017, , .		2
188	Enhancing point symmetry-based distance for data clustering. Soft Computing, 2018, 22, 409-436.	2.1	2
189	Divide-and-conquer based non-dominated sorting with Reduced Comparisons. Swarm and Evolutionary Computation, 2019, 51, 100580.	4.5	2
190	Semi-supervised orthogonal discriminant analysis with relative distance : integration with a MOO approach. Soft Computing, 2020, 24, 1599-1618.	2.1	2
191	A multi-objective based PSO approach for inferring pathway activity utilizing protein interactions. Multimedia Tools and Applications, 2020, 80, 30283.	2.6	2
192	Mining Graph-based Features in Multi-objective Framework for Microblog Summarization. , 2020, , .		2
193	Scientific Document Summarization using Citation Context and Multi-objective Optimization. , 2021, , .		2
194	A New Set of Mutation Operators for Dragonfly Algorithm. Arabian Journal for Science and Engineering, 2021, 46, 8761-8802.	1.7	2
195	Evolutionary multi-objective optimization based overlapping subspace clustering. Pattern Recognition Letters, 2021, 145, 208-215.	2.6	2
196	Prediction of Protein-Protein Interactions using Deep Multi-Modal Representations. , 2021, , .		2
197	A Transformer based Multi-task Model for Domain Classification, Intent Detection and Slot-Filling. , 2021, , .		2
198	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

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199	A New Principal Axis Based Line Symmetry Measurement and Its Application to Clustering. Lecture Notes in Computer Science, 2009, , 543-550.	1.0	2
200	Patient Data De-Identification. Advances in Computational Intelligence and Robotics Book Series, 0, , 234-253.	0.4	2
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