

List of Journals

	Authors	Title	Publication	Vol	No	Pages	Year	Publisher
1	Mitra, Sushmita; Banka, Haider;	Multi-objective evolutionary biclustering of gene expression data	Pattern Recognition	39	12	2464-2477	2006	Elsevier
2	Mitra, Sushmita; Banka, Haider; Pedrycz, Witold;	Rough–fuzzy collaborative clustering	IEEE Transactions on Systems, Man, and Cybernetics, Part B	36	4	795-805	2006	IEEE
3	Banerjee, Mohua; Mitra, Sushmita; Banka, Haider;	Evolutionary rough feature selection in gene expression data	IEEE Transactions on Systems, Man, and Cybernetics, Part C	37	4	622-632	2007	IEEE
4	Mitra, Sushmita; Das, Ranajit; Banka, Haider; Mukhopadhyay, Subhasis;	Gene interaction–An evolutionary biclustering approach	Information Fusion	10	3	242-249	2009	Elsevier
5	Banka, Haider; Mitra, Sushmita;	Evolutionary biclustering of gene expressions	Ubiquity	7	42		2006	ACM
6	Mitra, Sushmita; Banka, Haider	Application of rough sets in pattern recognition	Transactions on rough sets VII	1	1	151-169	2007	Springer
7	Rao, A Chandra Sekhara; Somayajulu, DVLN; Banka, Haider; Roy, Sawrav; Rao,	Feature binding technique for integration of biological databases with optimized search and retrieve	Procedia Technology	6	1	622-629	2012	Berlin/Heidelberg
8	A Chandra Sekhara; Somayajulu, DVLN; Banka, Haider;	Outlier Detection in Microarray Data Using Hybrid Evolutionary Algorithm	Procedia Technology	6	3	291-298	2012	Elsevier
9	Verma, Daya Shankar; Kumar, Abhay; Chakrabarty, Amarto; Banka, Haider; Priyam, Amrita;	Modeling For Runtime Locality Optimizations of Distributed Java Applications Using Dynamic Localization Algorithm	International Journal of Advanced Computer Research	3	8	2277-7970	2013	
10	Chaturvedi, Rohit; Banka, Haider;	Modified Ant Colony Optimization Algorithm for Travelling Salesman Problem	International Journal of Computer Applications	97	10	0975-8887	2014	Elsevier
11	Kaushik, Baijnath; Banka, Haider;	Performance evaluation of approximated artificial neural network (AANN) algorithm for reliability improvement	Applied Soft Computing	26		303-314	2015	Elsevier

12	Kaushik, Baijnath; Banka, Haider;	Approach for improving reliability in optimal network design	International Journal of Advanced Intelligence Paradigms	6	3	157-175	2014	Intl Jr of Adv. Comp.Res
13	Kumar, Vijay; Kaushik, B; Banka, H;	Improved Multi-Agent Reinforcement Learning for Minimizing Traffic Waiting Time		81	9	0975-8887	2013	
14	Banka, Haider; Dara, Suresh;	A Hamming distance based binary particle swarm optimization (HDBPSO) algorithm for high dimensional feature selection, classification and validation	Pattern Recognition Letters	52	15	94-100	2015	Elsevier
15	Yadav, Rohit Kumar; Banka, Haider;	Genetic algorithm with improved mutation operator for multiple sequence alignment	Information Systems Design and Intelligent Applications			515-523	2015	Springer,
16	Shukla, Manoj Kumar; Banka, Haider;	Degraded script identification for Indian language-A survey	International Journal of Computer Applications	108	6	0975-8887	2014	IJCA
17	Shukla, Manoj Kumar; Banka, Haider;	Line-wise Script Segmentation for Indian Language Documents	International Journal of Computer Applications	108	9		2014	IJCA
18	Shukla, Manoj Kumar; Banka, Haider; Yadav, KP;	Structural Features Extraction for Devnagari and Bangla Language Documents	Indian Journal of Science and Technology	8	13		2015	IJCA
19	Pal, Meeta; Bhati, Deepshikha; Kaushik, Baijnath; Banka, Haider;	Solving Classification Problem using Reduced Dimension and Eigen Structure in RSVM	International Journal of Computer Applications	117	21		2015	
20	Nadeem, Mohammad; Banka, Haider; Venugopal,R;	SVM-Based Predictive Modelling of Wet Pelletization Using Experimental and GA-Based Synthetic Data	Arabian Journal for Science and Engineering	41	3	1053-1065	2016	Springer
21	Rao, PC Srinivasa; Banka, Haider;	Energy efficient clustering algorithms for wireless sensor networks: novel chemical reaction optimization approach	Wireless Networks	23	2	433-452	2017	Springer
22	Rao, PC Srinivasa; Banka, Haider;	Novel chemical reaction optimization based unequal clustering and routing algorithms for wireless sensor networks	Wireless Networks	23	3	759-778	2017	Springer
23	Banka, Haider; Ray, Santosh Kr; Panigrahi, DC;	Standardization of a method for studying susceptibility of Indian coals to self-heating	Arabian Journal of Geosciences	9	10 1	679-686	2016	Springer

24	Singh, Jayraj; Verma, AK; Banka, Haider; Singh, TN; Maheshwar, Sachin;	A study of soft computing models for prediction of longitudinal wave velocity	Arabian Journal of Geosciences	9	22 2		2016	Springer
25	Rao, PC Srinivasa; Jana, Prasanta K; Banka, Haider;	A particle swarm optimization based energy efficient cluster head selection algorithm for wireless sensor networks	Wireless Networks	23	3		2017	Springer
26	Yadav, Rohit Kumar; Banka, Haider;	GSAMSA: Gravitational Search Algorithm for Multiple Sequence Alignment	Indian Journal Of Natural Sciences	6	33	1-8	2015	
27	Chandra Sekhara Rao Annavarapu, Suresh Dara; Banka, Haider;	Cancer microarray data feature selection using multi-objective binary particle swarm optimization algorithm	EXCLI journal	15		460-473	2016	PubMed, NCBI
28	Nadeem, Mohammad; Banka, Haider; Venugopal, R;	A neural network-based approach for steady-state modelling and simulation of continuous balling process	Soft Computing	15		1-15	2016	Springer
29	Yadav, Rohit Kumar; Banka, Haider;	IBBOMSA: An Improved Biogeography-based Approach for Multiple Sequence Alignment	Evolutionary bioinformatics	12		237-246	2016	NCBI
30	Lalwani, Praveen; Banka, Haider; Kumar, Chiranjeev;	CRWO: Clustering and routing in wireless sensor networks using optics inspired optimization	Peer-to-Peer Networking and Applications	10	3	453-471	2017	Springer
31	Lalwani, Praveen; Banka, Haider; Kumar, Chiranjeev;	BERA: a biogeography-based energy saving routing architecture for wireless sensor networks	Soft Computing			1-17	2016	Springer
32	Lalwani, Praveen; Das, Sagnik; Banka, Haider; Kumar, Chiranjeev;	CRHS: clustering and routing in wireless sensor networks using harmony search algorithm	Neural Computing and Applications			1-21	2016	Springer
33	Jaiswal, Abeg Kumar; Banka, Haider;	Local pattern transformation based feature extraction techniques for classification of epileptic EEG signals	Biomedical Signal Processing and Control	34		81-92	2017	Elsevier
34	Yadav, Rohit Kumar; Banka, Haider;	GAPWA: genetic algorithm using pair wise alignment method for solving MSA problem	International Journal of Convergence Computing	2	2		2016	Inderscience

35	Yadav, Rohit Kumar; Banka, Haider;	An improved chemical reaction-based approach for multiple sequence alignment	Current Science	112	3	527-538	2017	Current Science
36	Dara, Suresh; Banka, Haider; Annavarapu, Chandra Sekhara Rao;	A Rough Based Hybrid Binary PSO Algorithm for Flat Feature Selection and Classification in Gene Expression Data	Annals of Data Science			1-20	2017	Springer
37	Sahoo, Tapan Kumar; Banka, Haider;	New Hybrid PCA-Based Facial Age Estimation Using Inter-Age Group Variation-Based Hierarchical Classifier	Arabian Journal for Science and Engineering	42	8	3337-3355	2017	Springer
38	Jaiswal, Abeg Kumar; Banka, Haider;	Epileptic seizure detection in EEG signal with GModPCA and support vector machine	Bio-Medical Materials and Engineering	28	2	141-157	2017	ios Press
39	Nadeem, Mohammad; Banka, Haider; Venugopal, R;	Estimation of pellet size and strength of limestone and manganese concentrate using soft computing techniques	Applied Soft Computing	59		500-511	2017	Elsevier
40	Jaiswal, Abeg Kumar; Banka, Haider;	Local Transformed Features for Epileptic Seizure Detection in EEG Signal	Journal of Medical and Biological Engineering			1-14	2017	Springer