

## **Annexure I**

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### **Journal Publications: 42**

1. P. Swathy priyadharsini; K. Premalatha, "Comparison of cuckoo search and particle swarm optimisation in triclustering temporal gene expression data", International Journal of Swarm Intelligence, Vol. 4, No. 1, pp 55-72, JAN 2019
2. K. Premalatha, "Course and Program Outcomes Assessment Methods in Outcome-Based Education: A Review", Journal of Education, Vol. , No. , pp 1-17, JUN 2019
3. T. Keerthika and K. Premalatha, "An effective feature selection for heart disease prediction with aid of hybrid kernel SVM ", Int. J. Business Intelligence and Data Mining, Vol. 15, No. 3, pp 306-326, JUN 2019
4. K Premalatha, "Course and Program Outcomes Assessment Methods in Outcome-Based Education: A Review", Journal of Education, Vol. , No. , pp 1-17, JUN 2019
5. T. Keerthika and K. Premalatha, "An effective feature selection for heart disease prediction with aid of hybrid kernel SVM ", Int. J. Business Intelligence and Data Mining, Vol. 15, No. 3, 2019, Vol. 15, No. 3, pp 306-325, JUN 2019
6. S Kannimuthu and K. Premalatha, "Stellar mass black hole optimisation for utility mining", Int. J. Data Analysis Techniques and Strategies, Vol. 11, No. 3, pp 222-245, JUN 2019
7. Prema R , "Identifying Autism Biomarkers from Microarray Data using Intuitionistic Fuzzy Normalization and Feature Selection", Romanian Biotechnological Letters, Vol. 24, No. 3, pp 554-562, JUN 2019
8. Vignesh V and Premalatha K, "Optimal route path sustainability in military information system with reduced interference effect", The Journal of Supercomputing An International Journal of HighPerformance Computer Design, Analysis, and Use, Vol. 75, No. 9, pp 6106-6117, SEP 2019
9. V. Vignesh and K. Premalatha, "Optimal route path sustainability in military information system with reduced interference effect", The Journal of Supercomputing An International Journal of HighPerformance Computer Design,

Analysis, and Use, Vol. 75, No. 9, pp 6106-6117, SEP 2019

10. Vignesh V and Premalatha K, "Multi-QoS and interference concerned reliable routing in military information system", *Advances in Intelligent Systems and Computing*, Vol. 645, No. , pp 351-360, APR 2018
11. Prema, R , "Identifying Autism Bio-markers From Microarray Data Using Intuitionistic Fuzzy Normalization And Feature Selection", *Romanian Biotechnological Letters*, Vol. , No. , pp -, 2018
12. Prema, R , "Minimum redundancy maximum relevance with mean based ranking for biomarker gene selection in autism", *International Journal of Telemedicine and Clinical Practices*, Vol. , No. , pp -, 2018
13. Prema, R , "Gene selection using fuzzy discretization and rough set theory ", *Research journal of Pharmacy and Technology*, Vol. 11, No. 10, pp 4452-4457, 2018
14. Prema, R , "Gene selection using fuzzy discretization and rough set theory ", *Journal Advanced Research in Dynamical and Control Systems* , Vol. , No. , pp -, 2018
15. D. Sasikala, , "Social Network Analysis for prediction of Civil Unrest: A Review", *International Journal of Pure and Applied Mathematics* , Vol. 119, No. 16, pp 4389-4395, 2018
15. K. Premalatha, R. Ramya, "Machine Learning Techniques for Diabetes Mellitus- A Comparative Study", *Journal of Advanced Research in Dynamical and Control Systems*, Vol. , No. 10, pp -, 2018
16. Prema, R , "Two level maximum relevance-maximum significance feature selection algorithm for microarray gene expression data", *Journal of Advanced Research in Dynamical and Control Systems*, Vol. 10, No. 10, pp 432-441, 2018
17. Prema, R , "Fuzzy logic based normalization and classifier for gene expression data", *Journal of Advanced Research in Dynamical and Control Systems*, Vol. 10, No. 10, pp 540-549, 2018
18. P. Swathy Priyadharsini, K. Premalatha, "Comparative Study on Swarm Intelligence Techniques for Triclustering of High Dimensional Microarray Gene Expression", *Journal Advanced Research in Dynamical and Control Systems* , Vol. 10, No. 10, pp 582-593, 2018
19. V. Vignesh and K. Premalatha, "Multi path interference aware reliable route path establishment in mobile adhoc network environment", *Journal of Cluster Computing*, Vol. , No. , pp -, 2018
20. V. Vignesh and K. Premalatha, "Channel load based interference-aware scheduling in military communication environment", *Concurrency and Computation :Practice*

and Experience, Vol. , No. , pp -, 2018

21. R. Balamurugan , A.M. Natarajan and K. Premalatha, "Cuckoo Search with Mutation for Biclustering of Microarray Gene Expression Data", The International Arab Journal of Information Technology, Vol. 16, No. 3, pp 300-306, 2017
22. C. Gunavathi, K. Premalatha and K. Sivasubramanian, "An Application of Clonal Selection Algorithm in Gene Selection for Cancer Classification using Microarray Data", Research Journal of Pharmaceutical, Biological and Chemical Sciences, Vol. 8, No. 1, pp 173-182, 2017
23. K. Saranya and K. Premalatha , "Privacy preserving data clustering using hybrid particle swarm optimization algorithm", Asian Journal of Research in Social Sciences and Humanities, Vol. 7, No. 3, pp 601-619, 2017
24. M. Anidha and K. Premalatha, "Integrated Cox model for survival analysis and biomarker discovery with a feature ranking technique based on z-score transformation in non-small cell lung cancer patients", Biomedical Research, Vol. 25, No. 5, pp 1975-1983, 2017
25. M. Anidha and K. Premalatha, "An mRMR with Mean Score Feature Selection for Ovarian Cancer Classification using Joint Analysis", International Journal of Pharmaceutical and Biological Science, Vol. 8, No. 2, pp 495-504, 2017
26. C. Gunavathi, K. Premalatha and K. Sivasubramanian , "Biomarker Selection from Gene Expression Data for Tumour Categorization using Bat Algorithm", International Journal of Intelligent Engineering and Systems, Vol. 10, No. 3, pp 401-408, 2017
27. M. Anidha and K. Premalatha, "An application of fuzzy normalization in miRNA data for novel feature selection in cancer classification", Biomedical Research, Vol. 28, No. 9, pp 4187-4195, 2017
28. C. Gunavathi, K. Premalatha and K. Sivasubramanian , "A Survey on Feature Selection Methods in Microarray Gene Expression Data for Cancer Classification", Research J. Pharm. and Tech, Vol. 10, No. 5, pp 1395-1401, 2017
29. M. Anidha and K. Premalatha, "An Entropy based Mean Score Feature Selection Method for Identification of Biomarkers using miRNA Expression Profiles for Cancer Classification", Asian Journal of Information Technology, Vol. 16, No. 2, pp 206-211, 2017
30. T. Keerthika and K. Premalatha, "An effective Feature Selection for Heart Disease Prediction with Aid of Hybrid Kernel SVM", International Journal of Business Intelligence and Data Mining, Vol. 4, No. 2, pp 117-125, 2017
31. S. Kannimuthu and K. Premalatha, "Stellar Mass Black Hole Optimization for Utility Mining", International Journal of Data Analysis Techniques and Strategies,

Vol. , No. , pp -, 2017

32. Swathy Priyadharshini and K. Premalatha, "TrioCuckoo: A Multi Objective Cuckoo Search Algorithm for Triclustering Microarray Gene Expression Data", Journal Information Science and Engineering, Vol. 34, No. , pp 1617-1643, 2017
33. R. Balamurugan , A.M. Natarajan and K. Premalatha , "Biclustering Microarray Gene Expression Data using Modified Nelder-Mead method", International Journal of Information and Communication Technology, Vol. 9, No. 1, pp 43-62, 2016
34. Pandi, M , "A Cuckoo Search with Differential Evolution for Clustering Microarray Gene Expression Data", World Academy of Science, Engineering and Technology", International Journal of Computer, Information, Systems and Control Engineering, Vol. 10, No. 2, pp 334-339, 2016
35. T. Keerthika and K. Premalatha, "Heart Disease Prediction System using Optimal Rough-Fuzzy Classifier based on ABC", Asian Journal of Information Technology, Vol. 15, No. 3, pp 481-492, 2016
36. M. Anidha and K. Premalatha , "A Hybrid Gene Selection Technique Using Improved Mutual Information and Fisher Score for Cancer Classification Using Microarrays", International Journal of Computer, Electrical, Automation, Control and Information Engineering, Vol. 10, No. 3, pp 554-557, 2016
37. R. Balamurugan, A.M. Natarajan and K. Premalatha , "A Meta Heuristic Approach for Discovering Local Pattern in Gene Expression Data", Asian Journal of Research in Social Sciences and Humanities, Vol. 6, No. 7, pp 2304-2314, 2016
38. N. Kousika and K. Premalatha , "An Efficient Hybrid data Perturbation Approach to Preserve Privacy", Asian Journal of Research in Social Sciences and Humanities, Vol. 6, No. 10, pp 453-461, 2016
39. K. Saranya and K. Premalatha, "Private Frequent itemset mining in Smart splitting for Privacy preserving using Attribute Probability Matrix", Asian Journal of Research in Social Sciences and Humanities, Vol. 6, No. 10, pp 9701-9705, 2016
40. R. Balamurugan, A.M. Natarajan and K. Premalatha, "A Modified Harmony Search Method for Biclustering Microarray Gene Expression Data", International Journal of Data Mining and Bioinformatics, Vol. 16, No. 4, pp 269-289, 2016
41. Sangavi N, Jeevitha R, Kathirvel P, Premalatha K "Impact of classification algorithms on Census dataset", International Journal of Recent Technology and Engineering 5 8 2666 - 2670 JAN 2020
42. Dr.k.Premalatha,N.Sangavi,B.Vinothini "An Analysis Of Census Dataset And Bank Dataset Using Classification Algorithms", International journal of scientific volume 9 issue 02 - feb 2020

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