Dr.K.Premalatha,

Professor and Head, Department of CSE, BIT, Sathyamangalam.

<u>**KPL Journal Publications :**</u>

1. P. Swathypriyadharsini; K. Premalatha Comparison of cuckoo search and particle swarm optimisation in triclustering temporal gene expression data International Journal of Swarm Intelligence 4 1 55 - 72 JAN 2019

2. K. Premalatha Course and Program Outcomes Assessment Methods in Outcome-Based Education: A Review Journal of Education 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 15 3 306 - 326 JUN 2019

4. S Kannimuthu and K. Premalatha Stellar mass black hole optimisation for utility mining Int. J. Data Analysis Techniques and Strategies 11 3 222 - 245 JUN 2019

5. Prema R Identifying Autism Biomarkers from Microarray Data using Intuitionistic Fuzzy Normalization and Feature Selection Romanian Biotechnological Letters 24 3 554 - 562 JUN 2019

6. 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 75 9 6106 - 6117 SEP 2019

7. Swathypriyadharsini P, K Premalatha Rough Fuzzy Cuckoo Search for triclustering gene expression data Turkish Journal of Electrical and Computer Science Engineering 27 6 4328 - 4339 NOV 2019

8. Swathypriyadharsini PALANISWAMY, Premalatha KANDHASAMY Rough fuzzy cuckoo search for triclustering microarray gene expression data Turkish Journal of Electrical Engineering 2019(27) 4328 - 4339 2019

9. K. Saranya K. Premalatha Privacy preserving data publishing based on sanitized probability matrix using transactional graph for improving the security in medical environment The Journal of Supercomputing - DEC 2019

10. Vignesh V and Premalatha K Multi-QoS and interference concerned reliable routing in military information system Advances in Intelligent Systems and Computing 645 351 - 360 APR 2018

11. Prema, R Identifying Autism Bio-markers From Microarray Data Using Intuitionistic Fuzzy Normalization and Feature Selection Romanian Biotechnological Letters - 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 - 2018

13. Prema, R Gene selection using fuzzy discretization and rough set theory Research journal of Pharmacy and Technology 11 10 4452 - 4457 2018

14. D. Sasikala, Social Network Analysis for prediction of Civil Unrest: A Review International Journal of Pure and Applied Mathematics 119 16 4389 - 4395 2018

15. K. Premalatha, R. Ramya Machine Learning Techniques for Diabetes Mellitus- A Comparitive Study Journal of Advanced Research in Dynamical and Control Systems 10 - 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 10 10 432 - 441 2018

17. Prema, R Fuzzy logic based normalization and classifier for gene expression data Journal of Advanced Research in Dynamical and Control Systems 10 10 540 - 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 10 10 582 - 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 - 2018

20. V. Vignesh and K. Premalatha Channel load based interference-aware scheduling in military communication environment Concurrency and Computation :Practice and Experience - 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 16 3 300 - 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 8 1 173 - 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 7 3 601 - 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 25 5 1975 - 1983 2017

25. 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 10 3 401 - 408 2017

26. M. Anidha and K. Premalatha An application of fuzzy normalization in miRNA data for novel feature selection in cancer classification Biomedical Research 28 9 4187 - 4195 2017

27. 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 10 5 1395 - 1401 2017

28. 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 16 2 206 - 211 2017

29. 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 4 2 117 - 125 2017

30. S. Kannimuthu and K. Premalatha Stellar Mass Black Hole Optimization for Utility Mining International Journal of Data Analysis Techniques and Strategies - 2017

31. Swathy Priyadharshini and K. Premalatha TrioCuckoo: A Multi Objective Cuckoo Search Algorithm for Triclustering Microarray Gene Expression Data Journal Information Science and Engineering 34 1617 - 1643 2017

32. 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 9 1 43 - 62 2016

33. 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 10 2 334 - 339 2016

34. T. Keerthika and K. Premalatha Heart Disease Prediction System using Optimal Rough-Fuzzy Classifier based on ABC Asian Journal of Information Technology 15 3 481 - 492 2016

35. 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 10 3 554 - 557 2016

36. 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 6 7 2304 - 2314 2016

37. N. Kousika and K. Premalatha An Efficient Hybrid data Perturbation Approach to Preserve Privacy Asian Journal of Research in Social Sciences and Humanities 6 10 453 - 461 2016

38. 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 6 10 9701 - 9705 2016

39. 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 16 4 269 - 289 2016

40. S. Kannimuthu and K. Premalatha UP-GNIV: An Expeditious High Utility Pattern Mining Algorithm for Itemsets With Negative Utility Values International Journal of Information Technology and Management 14 1 26 - 42 2015

41. T. Anantha kumar and K. Premalatha Hand Vein Pattern Recognition using Multiple Texture Features The International Arab Journal of Information Technology 65 2 150 - 158 MAR 2015

42. R. Balamurugan , A.M. Natarajan and K. Premalatha Stellar-Mass Black Hole Optimization for Biclustering Microarray Gene Expression Data Applied Artificial Intelligence 29 4 353 - 381 2015

43. S.Logeswari and K. Premalatha Designing a Semantic Similarity Measure for Biomedical Document Clustering Journal of Medical Imaging and Health Informatics 5 6 1163 - 1170 2015

44. C.Gunavathi and K.Premalatha Cuckoo search optimization for feature selection in cancer classification: A new approach International Journal of Data Mining and Bioinformatics 13 3 248 - 265 2015

45. M. Pandi and K.Premalatha Clustering Microarray Gene Expression Data using Enhanced Harmony Search International Journal of Bio-Inspired Computation 7 5 296 - 396 2015

46. T. Anantha Kumar, K. Premalatha and Natarajan A.M A Hand vein pattern recognition using Natural Image Statistics, Defence Science Journal International Journal of Innovative Research in Science, Engineering and Technology 65 2 150 - 158 2015

47. N.B. Mahesh Kumar Personal-Authentication-Using-FDOST-in-Finger-Knuckle-Print-Biometrics International Journal of Computer, Control, Quantum and Information Engineering 9 1 323 - 328 JUL 2015