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Area of Interest : Image Processing, Data Mining, Internet Security.

List of Publications:

1. K.Sangeetha, **S.Prakash**, P. S. Periasamy, An Optimized Neuro Fuzzy System for Classifying and Predicting the Human Heart Disease, Caribbean journal of Science Volume 53, ISSUE 2,2019.

2. **S.Prakash**, K Sangeetha, P.S. Periasamy, Dengue Fever Prediction Using Associative Classification Approach Based on Climatical Changes, Caribbean journal of Science Volume 53, ISSUE 2,2019.

3. **S Prakash**, K Sangeetha, N Ramkumar, An optimal criterion feature selection method for prediction and effective analysis of heart disease, Cluster Computing, 1-7, 2018.

4. **S Prakash**, K Sangeetha, N Ramkumar, Efficient Analytical Approaches to Predict the Human Diseases Using FP-Tree with Bagging Algorithm, Research Journal of Biotechnology, Vol 2, August 2017.

5. N.Ramkumar, **S.Prakash**, S.Ashok Kumar, Prediction of liver cancer using conditional probability Bayes theorem, IEEE International Conference on Computer Communication and informatics, Jan 2017.

6. S.Ashok Kumar **S.Prakash**, N.Ramkumar, Gamification of Internet Security by Next Generation CAPTCHAs, IEEE International Conference on Computer Communication and informatics, Jan 2017.

7. **S Prakash**, M Vijayakumar , Risk assessment in cancer treatment Using association rule mining techniques, Asian Journal of Research in Social Sciences and Humanities, 6(10),1031-1037,2016.

8. **S.Prakash**, N.Ramkumar, K.Sangeetha, Certain Analytical Approaches to Predict the Dengue Fever Based on the Effects of Climate and Weather Changes, International journal of Printing , packaging and Allied Sciences, Vol. 4, No. 1, 251-256, 2016.

9. **S Prakash**, M Vijayakumar, An Effective Network Traffic Data Control Using Improved Apriori Rule Mining, Circuits and Systems 7 (10), 3162-3173,2016.

10. M.Vijaya Kumar**, S.Prakash**, An Improved Sensitive Association Rule Mining using Fuzzy Partition Algorithm, Asian Journal of Research in Social Sciences and Humanities 6 (6), 969-981, 2016.

11. N Ramkumar, **S Prakash**, K Sangeetha, Data analysis for chronic disease-diabetes using map reduce technique, 2016 International Conference on Computer Communication and Informatics, Indexed in IEEE Xplore digital library,2016.

12. K Sangeetha, PS Periasamy, **S Prakash** , Identification of network intrusion with efficient Genetic Algorithm using Bayesian classifier, 2015 International Conference on Computer Communication and Informatics, Indexed in IEEE Xplore digital library, 2015.