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1. VCM Vishnu, M Rajalakshmi, R Nedunchezhian, "Intelligent traffic video surveillance and accident detection system with dynamic traffic signal control", Cluster Computing 21 (1), 135-147, 2018

- 2. M Nandhini, M Rajalakshmi, SN Sivanandam, "Experimental and Statistical Analysis on the Performance of Firefly based Predictive Association Rule Classifier for Health Care Data Diagnosis", Journal of Control Engineering and Applied Informatics 19 (2), 101-110, 2017.
- 3. Deepa, M Rajalakshmi, R Nedunchezhian, "Impact of Air Pollution on Respiratory Diseases: Correlation and Classification by Multivariate Data Analysis", Data-Enabled Discovery and Applications 1 (1), 3, 2017.
- 4. VC Maha Vishnu, M Rajalakshmi, "Road side video surveillance in traffic scenes using map-reduce framework for accident analysis", Biomedical Research, 2016.
- 5. N Prakash, M Rajalakshmi, R Nedunchezhian, "Optimized Energy Aware Routing Based on Suitable Based Antlion Group with Advanced Algorithm (SA-AOA) in Wireless Sensor Network", Wireless Personal Communications, 1-19, 2020.
- 6. M Nandhini, M Rajalakshmi, SN Sivanandam, "Performance Analysis of Predictive Association Rule Classifiers using Healthcare Datasets", IETE Technical Review, 1-14, 2020.
- 7. N Prakash, M Rajalakshmi, R Nedunchezhian, "Analysis of QoS for Conveying Authorisation Based on Internet of Things (IoT) in Wireless Sensor Networks (WSN)", 2020 7th International Conference on Smart Structures and Systems (ICSSS), 1-9, 2020.
- 8. M Deepa, M Rajalakshmi, R Nedunchezhian, "Higher order neural networks based on bioinspired swarm intelligence optimization algorithm for multimodal tumor data analysis", Biomedical Research, 2018.
- 9. M Rajalakshmi, P Subashini," Optimized connected Median filter using Particle Swarm Optimization", International Journal on Recent and Innovation Trends in Computing , 2017
- SS Chalakkal, M Rajalakshmi, R Vijayakumar, "Distributed Weighted Fuzzy C-Means Clustering Method with Encoding Based Search Structure for Large Multidimensional Dynamic Indexes", 2017

- 11. SS Chalakkal, M Rajalakshmi, R Vijayakumar, "An effective clustering method with search structure for large multidimensional dynamic indexes", Advances in Natural and Applied Sciences 10 (8), 75-86, 2016
- 12. VC Vishnu, M Rajalakshmi, "Video Surveillance for Vehicle Classification using Hybrid SVM and Enhanced Ensemble Classifier", Asian Journal of Research in Social Sciences and Humanities 6 (cs1), 595-620, 2016.