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#### **Publications**

1. Adoption of big data streaming techniques for simultaneous localization and mapping (slam) in iot-aided robotics devices, *Advances in Intelligent Systems and Computing*, 2019.
2. A novel approach for disease comorbidity prediction using weighted association rule mining, *Journal of Ambient Intelligence and Humanized Computing*, 2019.
3. Adaptive deduplication of virtual machine images using AKKA stream to accelerate live migration process in cloud environment, *Journal of Cloud Computing*, 2019.
4. A Mobile Health Intervention to Support TB Eradication Programme for Adherence to Treatment and a Novel QR Code Based Technique to Monitor Patient–DOTS Provider Interactions and Diseases Infectious of *Journal*, Vol , I , 2018.
5. EAMCA & EMD Integrated formulating PCA-RMD Detecting DDos attacks in Big Data, *Journal of Advanced Research in Dynamical and Control Systems*, Vol 2, I , B 1766-E 1777, 2018.
6. Methods and Approaches on SPAM review Detection for Sentiment Analysis, *International Journal of Pure and Applied Mathematics*, Vol , I , 2018.
7. A Comprehensive Study on Sarcasm detection in Sentiment Analysis, *International Journal of Pure and Applied Mathematics*, Vol , I , 2018.
8. Streaming Analytics, *International Journal of Pure and Applied Mathematics*, Vol , I , 2018.
9. Predicting hyperlipidemia using enhanced ensemble classifier, *International Journal of Engineering & Technology*, Vol , I , 2018.
10. Performance Analysis of Sudoku Puzzle Solver, *International Journal of Pure and Applied Mathematics*, Vol , I , 2017.
11. Predicting Bus Arrival Time using Data Analytics, *International Journal of Pure and Applied Mathematics*, Vol , I , 2017.
12. A survey on using social media data analytics for pharmacovigilance, *Research Journal of Pharmacy and Technology*, Vol 10, I 10, ,3474-E 3478, 2017.

- 13.Extracting Association Rules from Medical Health Records Using Multi-Criteria Decision Analysis, Procedia Computer Science, Vol 115, I -, B 290-E 295, 2016
- 14.Prototype For Automated Ontology Construction for Semantic Search In Health Care Management Using Herbal Plants, International Journal For Innovative Research In Science And Technology, Vol 2, I 6, B 7-E 12, 2015.
- 15.Big Data Analytics for Gold Price Forecasting Based on Decision Tree Algorithm and Support Vector Regression (SVR), International Journal of Science and Research, Vol 4, I 3, B 226-E 2030, 2015