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Area of Specialization: Data Analytics, Cloud Computing ,Algorithms

Journal Publications:

1. DS John Deva Prasanna, D John Aravindhar, P Sivasankar, Karthickeyan Perumal, "Reinforcement Learning Based Virtual Backbone Construction In Manet Using Connected Dominating Sets", Journal of Critical reviews, 7(9),pp,156-152(2020).
2. Sambath, M., Johnaravindhar, D., Nayar, P.G ' Stenosis detection algorithm for coronary angiograms ' International Journal of Innovative Technology and Exploring Engineering 8(9), pp. 2362-2367 (2019)
3. Sambath, M., Johnaravindhar, D., Nayar, P.G. ' Coronary vessel extraction algorithm for block detection in angiograms ' International Journal of Pharmaceutical Research 11(2), pp. 38-44 (2019)
3. Jenifer, Aravindhar, D.J. ' Iot based air pollution monitoring system using esp8266-12 with google firebase ' Journal of Physics: Conference Series 1362(1),012072 (2019).
4. Aravindhar, D.J., Gino Sophia, S.G., Krishnan, P., Kumar, D.P. ' Minimization of Black hole Attacks in AdHoc Networks using Risk Aware Response Mechanism ' Proceedings of the 3rd International Conference on Electronics and Communication and Aerospace Technology, ICECA 2019 8822026, pp. 1391-1394 (2019).
5. Veena, S., Aravindhar, D.J., Aruna, K.B., Sudha, L. ' Secured and trust –multipath optimized link state routing in wireless body area network ' International Journal of Innovative Technology and Exploring Engineering 8(6), pp. 735-743 (2019).
6. Kalaiselvi, V., Aravindhar, D.J. ' An Efficient Weld Image Classification System Using Wavelet and Support Vector Machine ' 2019 Proceedings of the 3rd International Conference on Computing and Communications Technologies, ICCCT 2019 8824884, pp.46-49 (2019).
7. "Balasubramani, S., Aravindhar, D.J. ' Design traffic light control system based on location information and vehicle density in VANET ' International Journal of Recent Technology and Engineering 7(5), pp. 376-379 (2019).
8. Krishnan, P., Aravindhar, J. ' Self-adaptive PSO memetic algorithm for multi objective workflow scheduling in hybrid cloud ' International Arab Journal of Information Technology Volume 16, Issue 5, September 2019, Pages 928-935 (2019).
9. Mohandas, R., John Aravindhar, D., Praveenkumar, D. ' Enhanced bandwidth allocation technique and protocol standards to improve qos in internet of things ' International Journal of Innovative Technology and Exploring Engineering 9(1), pp. 3246-3251 (2019).

10. Baiju, B.V., John Aravindhar, D. ' Multi attribute relational cluster modeling for biomedical diabetic data with optimized influence measure based disease prediction, Journal of Green Engineering 9(1), pp. 136-148 (2019).
11. Baiju, B.V., John Aravindhar, D. ' Disease Influence Measure Based Diabetic Prediction with Medical Data Set Using Data Mining ' Proceedings of 1st International Conference on innovations in Information and Communication Technology, ICIICT 2019.
12. D John Aravindhar, MN Sushmitha, K Padmaveni, "Disaster Impact Mitigation using KDD and Support Vector Machine algorithms", EAI Endorsed Transactions on Energy Web, Vol.5, Issue 18, pp.1-5(2018).
13. V Kalaiselvi, D John Aravindhar," An Non Destructive Test for the Detection of Weld Defects Using Image Processing", Indonesian Journal of Electrical Engineering and Computer Science, Vol9, Issue 3, pp.764-770(2018).
14. R Mohandas, D John Aravindhar," A survey on IoT: business perspective predictions, trends and marketing", Advances in Natural and Applied Sciences, Vol11, Issue 7, pp222-229(2017).
15. D John Aravindhar, "Segmentation algorithms for extraction of coronary vessels in angiographic images--a survey", Advances in Natural and Applied Sciences, Vol 11, Issue 7, pp.253-258(2017).
16. E Vani, S Veena, D John Aravindhar," Query processing using privacy preserving k-nn classification over encrypted data", International Conference on Information Communication and Embedded Systems (ICICES), pp.1-5(2016).
17. Jazeem Azeez, D John Aravindhar, "Hybrid approach to crime prediction using deep learning", International Conference on Advances in Computing, Communications and Informatics (ICACCI), 1701-1710(2015).