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### **PUBILICATIONS**

1. SSR Krishnan, A Thangavelu,"An early prevention method for node failure in wireless sensor networks" International Journal of Internet Technology and Secured Transactions 10 (5 ...2020
2. KC Saranya, A Thangavelu, A Chidambaram, S Arumugam, S Govindraj,"Cyclist detection using tiny yolo v2" Soft Computing for Problem Solving, 969-9792020
3. S Anbu, A Thangavelu, SD Ashok ,"Fuzzy C-Means Based Clustering and Rule Formation Approach for Classification of Bearing Faults Using Discrete Wavelet Transform" Computation 7 (4), 5 2019
4. R Swaminathan, A Thangavelu,"An Enhanced Hybrid Clustering Approach for Privacy Preservation (ECPS) in Big Data using Apache Spark Framework",Journal of Testing and Evaluation 47 (6), 4054-4066 2019
5. M Prasanna, AK Thangavelu, AK Sangaiah, MI Jawid Nazir, "Prediction Intelligence System Based Real Time Monitoring of Yoga Performers" Recent Patents on Computer Science 12 (1), 11-17 2019
6. N Bavya, T Arunkumar, K Adalarasu, "A comprehensive survey on IoT technologies in health care system"Research Journal of Pharmacy and Technology 11 (7), 3157-3162 2018
7. A Thangavelu, N Manoharan, "Design and Analysis of an Effective Channel Distribution Approach for Agricultural Commodities using MongoDB" Indian Journal of Science and Technology 9 (47) 2018
8. AK Sangaiah, A Thangavelu, VM Sundaram "Cognitive computing for Big Data systems over IoT" Gewerbestrasse 11, 6330 2018
9. N Manoharan, A Thangavelu , "An Experimental Evaluation of Integrated Dematal and Fuzzy Cognitive Maps for Cotton Yield Prediction" Cognitive Science and Artificial Intelligence, 31-43 2018
10. D Kalaivani, T Arunkumar,"Multi process prediction model for customer behaviour analysis" International Journal of Web Based Communities 14 (1), 54-63 2018
11. T Arunkumar, G Narendrakumar, "In Silico Analysis on Docking Studies of Haemolysin Protein in Vibrio Paraheamolyticus" Biomedical and Pharmacology Journal 10 (4), 1879-1886 2017

12. KS Umadevi, A Thangavelu, "An optimal medium access slot allocation for wimedia medium access control protocol using firefly algorithm" 2017 International conference on Microelectronic Devices, Circuits and ...
13. U KS, A Thangavelu, "C-DAM: CONTENTION BASED DISTRIBUTED RESERVATION PROTOCOL ALLOCATION ALGORITHM FOR WIMEDIA MEDIUM ACCESS CONTROL" Journal of Engineering Science and Technology 12 (7), 1988-1998 2017
14. V Sugumaran, AK Sangaiah, A Thangavelu , "Computational intelligence applications in business intelligence and big data analytics" CRC Press 2017
15. V Sugumaran, AK Sangaiah, A Thangavelu , "Computational Intelligence Paradigms in Business Intelligence and Analytics" Computational Intelligence Applications in Business Intelligence and Big ... 2017
16. T Arunkumar, AF Ebby, G Narendrakumar, "Docking studies of benzisoxazole analogues in white spot syndrome virus" Research Journal of Pharmacy and Technology 10 (8), 2497-2500 2017
17. D Kalaivani, P Sumathi, T Arunkumar, "Customer Behavior Predictive Modeling for Online Shopping using Tuned Decision Tree Method" HELIX 7 (5), 1994-1999 2017
18. M Prasanna, T Arunkumar, S Arunkumar "A Mobile Application Based Smart System for Supporting Yoga Activities and Health Monitoring" Research Journal of Pharmacy and Technology 10 (11), 3863-3867 2017
19. T Arunkumar, G Narendrakumar, DA Anand "Statistical Evaluation of Medium Components by Plackett-Burman method for Laccase from Pseudomonas aeruginosa ADN04 using Submerged Fermentation", Research Journal of Pharmacy and Technology 10 (4), 1115-1119 2017
20. KS Umadevi, T Arunkumar, "Providing an optimal QoS using demand-based distributed reservation protocol allocation algorithm for WiMedia medium access control" International Journal of Information and Communication Technology 10 (2017).

