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List of Publications

1. Krishnan, S. S. R., & Thangavelu, A. (2020). An early prevention method for node failure in wireless sensor networks. *International Journal of Internet Technology and Secured Transactions*, 10(5), 507-537.
2. Saranya, K. C., Thangavelu, A., Chidambaram, A., Arumugam, S., & Govindraj, S. (2020). Cyclist detection using tiny yolo v2. In *Soft Computing for Problem Solving* (pp. 969-979). Springer, Singapore.
3. Anbu, S., Thangavelu, A., & Ashok, S. D. (2019). Fuzzy C-Means Based Clustering and Rule Formation Approach for Classification of Bearing Faults Using Discrete Wavelet Transform. *Computation*, 7(4), 54.
4. Swaminathan, R., & Thangavelu, A. (2019). 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.
5. Prasanna, M., Thangavelu, A. K., Sangaiah, A. K., & Jawid Nazir, M. I. (2019). Prediction Intelligence System Based Real Time Monitoring of Yoga Performers. *Recent Patents on Computer Science*, 12(1), 11-17.
6. Bavya, N., Arunkumar, T., & Adalarasu, K. (2018). A comprehensive survey on IoT technologies in health care system. *Research Journal of Pharmacy and Technology*, 11(7), 3157-3162.
7. Thangavelu, A., & Manoharan, N. (2018). Design and Analysis of an Effective Channel Distribution Approach for Agricultural Commodities using MongoDB. *Indian Journal of Science and Technology*, 9(47).
8. Sangaiah, A. K., Thangavelu, A., & Sundaram, V. M. (2018). Cognitive computing for Big Data systems over IoT. *Gewerbestrasse*, 11, 6330.

9. Manoharan, N., & Thangavelu, A. (2018). An Experimental Evaluation of Integrated Dematal and Fuzzy Cognitive Maps for Cotton Yield Prediction. In Cognitive Science and Artificial Intelligence (pp. 31-43). Springer, Singapore.
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11. Arunkumar, T., & Narendrakumar, G. (2017). In Silico Analysis on Docking Studies of Haemolysin Protein in Vibrio Paraheamolyticus. Biomedical and Pharmacology Journal, 10(4), 1879-1886.
12. Umadevi, K. S., & Thangavelu, A. (2017, August). An optimal medium access slot allocation for wimedia medium access control protocol using firefly algorithm. In 2017 International conference on Microelectronic Devices, Circuits and Systems (ICMDCS) (pp. 1-3). IEEE.
13. KS, U., & Thangavelu, A. (2017). C-DAM: Contention Based Distributed Reservation Protocol Allocation Algorithm For Wimedia Medium Access Control. Journal of Engineering Science and Technology, 12(7), 1988-1998.
14. Sugumaran, V., Sangaiah, A. K., & Thangavelu, A. (Eds.). (2017). Computational intelligence applications in business intelligence and big data analytics. CRC Press.
15. Sugumaran, V., Sangaiah, A. K., & Thangavelu, A. (Eds.). (2017). Computational intelligence applications in business intelligence and big data analytics. CRC Press.
16. Arunkumar, T., Ebby, A. F., & Narendrakumar, G. (2017). Docking studies of benzisoxazole analogues in white spot syndrome virus. Research Journal of Pharmacy and Technology, 10(8), 2497-2500.
17. Kalaivani, D., Sumathi, P., & Arunkumar, T. (2017). Customer Behavior Predictive Modeling for Online Shopping using Tuned Decision Tree Method. HELIX, 7(5), 1994-1999.
18. Prasanna, M., Arunkumar, T., & Arunkumar, S. (2017). A Mobile Application Based Smart System for Supporting Yoga Activities and Health Monitoring. Research Journal of Pharmacy and Technology, 10(11), 3863-3867.
19. Arunkumar, T., Narendrakumar, G., & Anand, D. A. (2017). 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.
20. Umadevi, K. S., & Arunkumar, T. (2017). 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(2), 218-227.

21. Thangavelu, A., & Sudhahar, C. (2017). Role Clarity and Job Performance among the Employees in Small and Medium IT Industries. *Research on Humanities and Social Sciences* www. iiste. org, 7(17), 2225-0484.
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23. Umadevi, K. S., & Thangavelu, A. (2017). DCRM RP: distributed cooperative relay-based multihop routing protocol for WiMedia networks. *International Journal of High Performance Computing and Networking*, 10(1-2), 127-133.
24. Umadevi, K. S., & Thangavelu, A. (2017). Survey on Research Advancements in WiMedia MAC Protocol. *International Journal of Engineering and Technology Innovation*, 7(1), 61.
25. Thyagarajan, K., & Thangavelu, A. (2016). An integrated defense approach for distributed denial of service attacks in mobile ad-hoc network. *International Journal of Applied Engineering Research*, 11(7), 4898-4910.
26. Senthilkumar, R., & Thangavelu, A. (2016). A Software Framework For Code Security Using M-Cot-Metrics Based Code Obfuscation Technique. *Jurnal Teknologi*, 78(2).
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34. Babu, K. R., & Thangavelu, a. (2015). A context aware based pre-handoff support approach to provide optimal QOS for streaming applications over vehicular ad hoc networks–hosa. Journal of Engineering Science and Technology, 10(6), 743-764.
35. Sundaram, V. M., & Thangavelu, A. (2015). A Delaunay diagram-based min–max CP-tree algorithm for spatial data analysis. Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery, 5(3), 142-154.
36. Sangaiah, A. K., Thangavelu, A. K., Gao, X. Z., Anbazhagan, N., & Durai, M. S. (2015). An ANFIS approach for evaluation of team-level service climate in GSD projects using Taguchi-genetic learning algorithm. Applied Soft Computing, 30, 628-635.
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