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Area of Specialization: Machine learning, cloud computing, IoT.

List of publications

1. Senthil Kumar, N.K., Malarvizhi, N., "Bi-directional LSTM–CNN Combined method for Sentiment Analysis in Part of Speech Tagging (PoS)", *International Journal of Speech Technology, vol.* 23, pp.373–380, 2020.
2. Saraswathi, S.S. and Malarvizhi, N., "Distributed deduplication with fingerprint index management model for big data storage in the cloud", *Evolutionary Intelligence*, pp.1-8, 2020.
3. Malarvizhi, N., Priyatharsini, G.S , "Cloud Resource Scheduling Optimal Hypervisor (CRSOH) for Dynamic Cloud Computing Environment", Wireless Personal Communications, pp.1-16. 2020.
4. Malarvizhi, N., and Selvarani, P , "Adaptive fuzzy genetic algorithm for multi biometric authentication", Multimedia Tools and Applications, vol. 79, no. 13, pp.9131-9144, 2020
5. MalarvizhiN, and Aswini. J, "Deadline constrained based resource allocation in cloud environment", International Journal of Engineering and Advanced Technology (IJEAT), vol. 9, no. 1, pp. 1486-1491, 2019
6. Keerthika, V. and Malarvizhi, N , "Mitigate Black Hole Attack Using Hybrid Bee Optimized Weighted Trust with 2-Opt AODV in MANET", Wireless Personal Communications, vol. 106, no. 2, pp.621-632, 2019.
7. Aswini, J., Malarvizhi, N and Kumanan, T.,(2019) " A novel firefly algorithm based load balancing approach for cloud computing", International Journal of Innovative Technology and Exploring Engineering 8(5), pp. 91-96 2019**.**
8. Malarvizhi, N., Aswathy, R.H.," An efficient three-way authentication factor and mutual key agreement protocol using identity authentication server in internet of things", Journal of Computational and Theoretical Nanoscience 15(11-12), pp. 3509-3515 2018**.**
9. Selvarani, P., Suresh, A., Malarvizhi, N. "Secure and optimal authentication framework for cloud management using HGAPSO algorithm", Cluster Computing 2018
10. E. A. Neeba, S. Koteeswaran and N. Malarvizhi, "Swarm-based clustering algorithm for efficient web blog and data classification", The Journal of Supercomputing an International Journal of High Performance Computer Design, Analysis, and Use, Springer, 2017.