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Scholarly Publications

1. Jothi, K. R et al, 2020, "Implementing Hadoop Container Migrations in OpenNebula Private Cloud Environment", Role of Edge Analytics in Sustainable Smart City Development: Challenges and Solutions, John Wiley & Sons, Inc., pp 85-103.

2. Jothi, K. R et al, 2020, "Smart Load Balancing Algorithms in Cloud Computing—A Review", Role of Edge Analytics in Sustainable Smart City Development: Challenges and Solutions, John Wiley & Sons, Inc., pp 189-218.

3. Jothi K R et.al, 2019, "A Novel approach for web usage prediction and recommendation using web session clustering", *Journal of Computational and Theoretical Nanoscience*, Volume 16, Issue 5, pp. 1916–1922. (Scopus Indexed) (Impact Factor :0.155)

4. Jothi K R et.al, 2019, "Qualitative Analysis of Models and issues in Recommender systems", *Journal of Computational and Theoretical Nanoscience*, Volume 16, Issue 5, pp. 1881–1888. (Scopus Indexed) (Impact Factor :0.155)

5. Jothi K R et.al, 2019, "Certain Investigations on Opulence Split Algorithm and Particle Swarm Optimization Algorithm for Task Scheduling in a Virtualized Cloud Environment", *International Journal of Innovative Technology and Exploring Engineering*, Vol 8, Issue 6, April 2019. (Scopus Indexed) (Impact Factor :0.15)

6. Jothi K R et.al, 2019, "Web Application for Accident Emergency in nearby Hospitals and Donor Locator", *International Journal of Bioscience Biotechnology Research Communications*, Special Issue BBRC Volume 12, Issue 2, pp. 56-60. (ESCI Indexed – Web of Science) (Impact Factor :0.65)

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11. Jothi K R, Ebenezer Jeyakumar A, 2015, 'Optimization and Quality-of-Service Protocols in VANETs: A Review', Proceedings of the *Springer International Conference on Artificial Intelligence and Evolutionary Algorithms in Engineering* Systems, Advances in Intelligent Systems and Computing 324, pp. 275-284.

12. Jothi K R, Ebenezer Jeyakumar A, 2015, 'Routing Optimization Security in VANETs using Adaptive Bees Life Algorithm for QoS-MRP and Batch Binding Update Scheme', *Middle-East Journal of Scientific Research*, vol. 23, no. 8, pp. 1839-1850. (Scopus Indexed) (Impact Factor :0.49)

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14. Jothi K R, Ebenezer Jeyakumar A, 2015, 'Multicast Routing Optimization through with Hybrid Bees Life Algorithm for Qos-MRP, Congestion and Collision Avoidance in VANETs', *Australian Journal of Basic and Applied Sciences*, vol. 9, no.13, pp. 604-617. (Scopus Indexed) (Impact Factor :0.15)

15. Jothi K R, Ebenezer Jeyakumar A, 2014, 'Advanced Novel Compact Assistant Sensor System in Vehicular Adhoc Network to Improve Road Safety Policy', *International Journal of Applied Engineering Research*, vol. 9, no. 23, pp. 21333-21349. (Scopus Indexed) (Impact Factor :0.13)

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18. Jothi K R, Dr. P. Lakshmi Prabha, 2009, 'An Efficient Route Discovery and Route Maintenance in MANET using DRP' presented and published in ICACI-2009, An International Conference on Advanced Communication & Informatics, organized by Thanthai Periyar Government Institute of Technology, Vellore, during 11-01-2009 to 13-01-2009.

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20. Jothi K R, Dr.V.Lakshmi Prabha, 2009, 'Quadrant Based Directional Routing Protocol (Q-DIR) in MANET' Paper presented at the National Conference on Advanced Computational Intelligence-NCACI-2009, Sri Ramakrishna Engineering College, Coimbatore, India, during 26 June 2009.

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