Papers published in International Journals of

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- 1. Siva Rama Krishnan S, Arun Kumar T, Analysis of routing mechanisms using QoS metrics in Data Aggregation for Wireless Sensor Network A Survey, International Journal of Applied Engineering Research ISSN 0973-4562 Volume 10, Number 14 (2015) pp 34323-34327.
- 2. Siva Rama Krishnan S, Karthik Balasubramanian, Arun Kumar T, Challenges in Data Aggregation in Wireless Sensor Network-A Review, International Journal of Applied Engineering Research ISSN 0973-4562 Volume 11, Number 7 (2016) pp 5342-5345
- 3. S. Siva Rama Krishnan, Arunkumar Thangavelu, "An early prevention method for node failure in wireless sensor networks", Int. J. Internet Technology and Secured Transactions, Inderscience. ISSN: 1748-5703, 2018.
- 4. Siva Rama Krishnan S, Arun Kumar T, "A Practical Implementation of Smart Farming using recommendation routing in WSN", International Journal of Recent Technology and Engineering, ISSN:2277-3878, Volume 7, Issue-5S3, Feb 2019.
- 5. Siva Rama Krishnan S, Arun Kumar T, "A weighted assignment approach using recommendation routing for congestion Control in Wireless Sensor Networks WEAR", Recent Patents on Computer Science, Bentham Science. Vol. 12., 2019.
- 6. Siva Rama Krishnan S, Arun Kumar T, "Adaptive Recommendation Routing for node efficiency for Wireless Sensor Network", International Journal of Vehicle Information and Communication Systems, IJET, Vol. 10(3), 2019
- 7. Sweta Bhattacharya, Siva Ramakrishnan S, Praveen Kumar Reddy M, Rajesh Kaluri, Saurabh Singh, Thippa Reddy G, Mamoun Alazab, Usman Tariq, "A Novel PCA-Firefly based XGBoost classification model for Intrusion Detection in Networks using GPU", *Electronics, MDPI*, 27 January 2020.
- 8. Manoj, M. K., & Krishnan, S. S. R. (2020). Decentralizing Privacy Using Blockchain to Protect Private Data and Challanges With IPFS. In *Transforming Businesses With Bitcoin Mining and Blockchain Applications* (pp. 207-220). IGI Global.

- 9. Siva Rama Krishnan Somayaji, Surendheran Kaliyaperumal and Vivek Velayutham, "Managing and monitoring E-waste using Augmented Reality in India", Sustainable Communication Networks and Application, Springer Nature, 2020
- 10. Alazab, M., Khan, S., Krishnan, S. S. R., Pham, Q. V., Reddy, M. P. K., & Gadekallu, T. R. (2020). A Multidirectional LSTM Model for Predicting the Stability of a Smart Grid. IEEE Access, 8, 85454-85463.
- 11. Bhattacharya, S., Kaluri, R., Singh, S., Alazab, M., & Tariq, U. (2020). A Novel PCA-Firefly based XGBoost classification model for Intrusion Detection in Networks using GPU. Electronics, 9(2), 219.
- 12. Bhattacharya, S., Somayaji, S. R. K., Gadekallu, T. R., Alazab, M., & Maddikunta, P. K. R. (2020). A review on deep learning for future smart cities. Internet Technology Letters, e187
- 13. RM, S. P., Bhattacharya, S., Maddikunta, P. K. R., Somayaji, S. R. K., Lakshmanna, K., Kaluri, R., ... & Gadekallu, T. R. (2020). Load balancing of energy cloud using wind driven and firefly algorithms in internet of everything. Journal of Parallel and Distributed Computing.