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List of Publications:

- [1] GS Smrithy, Ramadoss Balakrishnan, Nikita Sivakumar, "Anomaly Detection Using Dynamic Sliding Window in Wireless Body Area Networks", Data Science and Big Data Analytics, springer, 99-108,2018.
- [2] Balaji Chandrasekaran, Ramadoss Balakrishnan," An Efficient Tate Pairing Algorithm for a Decentralized Key-Policy Attribute Based Encryption Scheme in Cloud Environments", Cryptography,2018
- [3] Smrithy Girijakumari Sreekantan Nair, Ramadoss Balakrishnan," Mitigating false alarms using accumulator rule and dynamic sliding window in wireless body area", CSI Transactions on ICT, springer,2018
- [4] Smrithy GS, Alfredo Cuzzocrea, Ramadoss Balakrishnan,"Detecting Insider Malicious Activities in Cloud Collaboration Systems", Fundamenta Informaticae, vol. 161, no. 3, pp. 299-316, 2018
- [5] Balaji Chandrasekaran, Yasuyuki Nogami, Ramadoss Balakrishnan,"An Efficient Hierarchical Multi-Authority Attribute Based Encryption Scheme for Profile Matching using a Fast Ate Pairing in Cloud Environment" Journal of Communications Software and Systems,vol14,No2,2018.
- [6] Balaji Chandrasekaran, Ramadoss Balakrishnan, Yasuyuki Nogami," Secure Data Communication using File Hierarchy Attribute Based Encryption in Wireless Body Area Networks" Journal of Communications Software and Systems,vol14,No1,2018
- [7] SGS Nair, A Cuzzocrea, R Balakrishnan" A MMD-Based Non-Parametric Online Anomaly Detection Algorithm over Big Data Streams in Cloud Collaborative Environments" 2nd ACM International Conference on Internet of Things, Data and Cloud Computing, 2017.
- [8] C Karthikeyan, B Ramadoss," Comparative Analysis of Similarity Measure Performance for Multimodality Image Fusion using DTCWT and SOFM with Various Medical Image Fusion Techniques" Indian Journal of Science and Technology, ,vol.9,No.22,2016

- [9] S Munirathinam, B Ramadoss" Predictive models for equipment fault detection in the semiconductor manufacturing process", IACSIT International Journal of Engineering and Technology 8 (4), 273-285,2016
- [10] B Chandrasekaran, R Balakrishnan," Attribute Based Encryption Using Quadratic Residue for the Big Data in Cloud Environment", Proceeding ICIA-16 Proceedings of the International Conference on Informatics and Analytics,Article No. 19,2016
- [11] B Chandrasekaran, R Balakrishnan" Efficient pairing computation for Attribute Based Encryption using MBNR for Big Data in cloud, Applied and Theoretical Computing and Communication Technology (iCATccT)", 2nd International Conference on 2016.
- [12] GS Smrithy, Ramadoss Balakrishnan,"A Statistical Technique for Online Anomaly Detection for Big Data Streams in Cloud Collaborative Environment" Computer and Information Technology (CIT), 2016 IEEE International Conference on 2016, 108-111