

Annexure III

Dr.Ila.Vennila

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List of Publications: 15

1. **I Vennila**, “FFBKS: Fuzzy Fingerprint Biometric Key based security schema for Wireless Sensor Networks”, Journal of Computer Communications, vol.150, 2020.
2. **I Vennila**, “A secure Link aware fault detection algorithm for enabling a reliable communication in MANET”, Journal of Information Science and Engineering, vol.35, 2019.
3. J Yogapriya, C Saravanabhavan, R Asokan, **I Vennila**, P Preethi, B Nithya, “A Study of Image Retrieval System Based on Feature Extraction, Selection, Classification and Similarity Measurements”, Journal of Medical Imaging and Health Informatics 8 (3), pp.479-484, 2018
4. SM Praveena, **I Vennila**, R Vaishnavi, “Design of Wireless Passive Optical Communication Network Based On Fusion of Fibre to the Home Architecture”, Wireless Personal Communications 96 (3), pp.3851-3871, 2017.
5. SM Praveena, **I Vennila**, R Vaishnavi, “Investigation of Passive Optical Network Based on QoS Issues in Wireless Fibre to the Home Architecture for Fault Identification and Detection”, Wireless Personal Communications 96 (1), pp. 961-976, 2017.
6. **I Vennila**, “Robust optimal multimodal retinal image registration algorithms for vein occlusion”, Proceedings of the International Conference, 2017, Chennai.
7. J Justin, **I Vennila**, “Estimation of Paralinguistic Features and Quality Analysis of Alaryngeal Voice”, Proceedings of the International Conference on Soft Computing Systems, 775-786, 2016
8. P Palraj, **I Vennila**, “Retinal fundus image registration via blood vessel extraction using binary particle swarm optimization”, Journal of Medical Imaging and Health Informatics 6 (2), pp. 328-337, 2016
9. S Mary Praveena, **ILA Vennila**, “An Effective Security Based Wireless Information System Based on Fusion Principal Component Analysis” Wireless Personal Communications: An International Journal 86 (2), 887-899, 2016.
10. **Ila Vennila**, “Retinal fundus image registration via blood vessel extraction using binary particle swarm optimization”, Journal of Medical Imaging and Health Informatics, 2016
11. S Saravanan, **I Vennila**, S Mohanram, “Design and Implementation of efficient reversible arithmetic and Logic Unit”, Circuits and Systems 7 (06), pp.630, 2016

12. Justin, J., **Vennila, I.**, “Estimation of paralinguistic features and quality analysis of alaryngeal voice”, *Advances in Intelligent Systems and Computing*, 397, pp. 775-786, 2016
13. R Vaishnavi, M Praveena, **I Vennila**, “Investigation of passive optical network based fiber to the home architecture for downstream traffic”, *Advances in Natural and Applied Sciences* 9 (7), pp.13-21, 2015.
14. **Ila Vennila**, “Automatic insulin injection in embedded linear parameter varying techniques for type 1 diabetes”, *Journal of Medical Imaging and Health Informatics*, 2015
15. R Arangasamy, J Sundararajan, **I Vennila**, “Automatic Insulin Injection in Embedded Linear Parameter Varying Techniques for Type 1 Diabetes”, *Journal of Medical Imaging and Health Informatics* 5 (1), 71-78, 2015.