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List of Publications for last 5 years

1. T. Sumathi, S. Karthik, **M. Marikkannan**, "Artificial Bee Colony Optimization For Feature Selection with FURIA in Opinion Mining", Journal of Pure and Applied Microbiology, Special issue on Recent Research Challenges in Bio-Medical Applications, Vol. 9, ISSN : 0973-7510, pp. 17-23, 2015. **(Annexure - I Serial No: 5288 in AU website – 2014.1) (Scopus)**

2. D.Prabakar, **Dr.M.Marikkannan**, Dr.S.Karthik, " Modified Gossiping Routing Protocol for Energy Conservation in Wireless Sensor Networks", Asian Journal of Information Technology, Vol. 15, No. 3, ISSN:1682-3915, pp. 467-471, 2016. **(Updated list of journals (2016), Serial No: 1105 in AU website)**

3. J.J Adri Jovin, **M.Marikkannan**, "Review on attacks and Security approaches in Mobile Agent Technology", Australian Journal of Basic and Applied Sciences, Vol. 10, No.2, ISSN:1991-8178, pp. 37-43, January 2016.**(Annexure - II Serial No: 2095 in AU website- 2014.2) Impact factor: 0.329**

4. Ranjanee S, **Marikkannan M** "An Effective Approach for Range Aggregate Queries in Big Data Environment", Proceedings of the National Conference on Multimedia Signal Processing and Applications (NCMSPA) organized by the Department of CSE, Annamalai University, pp. 32-35, 2016.

5. R.M.RajaRajeshwari, **M. Marikkannan** "Self Embedding Fragile Watermarking for Image Tampering Detection and Recovery", Proceedings of the National Conference on Multimedia Signal Processing and Applications (NCMSPA) organized by the Department of CSE, Annamalai University, pp. 117-120, 2016.

6. Ranjanee S, **Marikkannan M** "Comparative Analysis of Range Aggregate Queries in Big Data Environment", Proceedings of the International Conference on Electrical, Electronics and Computer Engineering 2016 (ICEECE '16) organized by the Vivekananda College of Engineering for women, pp. 201-206, 2016. ISBN : 978-93-81830-95-6.

7. J.J Adrijovin, **M.Marikkannan**, "A Chaotic approach for Secure Data Transfer Using Mobile Agents", Journal of Computational and Theoretical Nanoscience, ISSN:1546-1955, Vol. 14, No.6, pp. 2931-2936, 2017. **(Annexure - I Serial No: 478 in AU website 2017) Impact factor: 1.66 (Scopus)**

8. Adrijovin J.J, Rajapriya M, **Marikkannan M,** "A Survey on Data Gathering Mechanisms   in Wireless Sensor Networks", Proceedings of the International

Conference on Electrical, Electronics and Computer engineering (ICEECE '17) organized by Vivekananda College of Engineering for Women, Tiruchengode ISBN: 978-93-81830-95-6, 2017

9. B Vinodhini, **M. Marikkannan**, S.Karthik, "Assuring Quality of Service for Packet Scheduling Using Scattered Routing Scheme in Mobile Adhoc Networks", Asian Journal of Research in Social Sciences and Humanities, ISSN 2249-7315(Online) 2250-1665(Print), Vol. 7, No.3, pp. 1006-1016, 2017. A Journal Indexed in Indian Citation Index, **DOI No:10.5958/2249-7315.2017.00223.4, (Updated list of journals (2016) in AU website)**

10. Azath H, Dr.P.Amuthavalli, Dr.S.Rajalakshmi, **M.Marikkannan**, "A Novel Regression Neural Network Based Optimized Algorithm for Software development Cost and Effort Estimation", Journal of Web Engineering, Vol. 17, No. 6, pp. 3095-3125, 2018.

11. T.Rajkumar, **M.Marikkannan,** "A Survey of Boundary Nodes and Coverage Holes Detection Methods in Wireless Sensor Networks (WSNs)", International Journal of Network Security and Data Mining (HBRP Publications), Vol.1, No.3, pp.29-39, 2018.

12. M.Gayathridevi, K.Karthika, **M.Marikkannan**, "Time series analysis of Weather data using Weka" International Journal of Network Security and Data Mining, Vol. 1, Issue No. 3, pp. 1-6, 2018.

13. K.Karthika, M.Gayathridevi, **M.Marikkannan**, "A combinational approach for Sarcasm Detection in Twitter" International Journal of Science and Research (IJSR), ISSN: 2319-7064, Vol. 7, Issue No. 7, pp. 1040-1045, July 2018.

14. J.J Adri Jovin, **M.Marikkannan**, "A Novel Trust-Scoring System using Trustability Co-efficient of Variation for Identification of Secure Agent Platforms", Journal of PLOS ONE, E-ISSN: 1932-6203, Vol. 13, No. 8, pp. 1-19, August, 2018. **(Annexure - I Serial No: 9052 in AU website 2018) (SCI and Scopus)**

15. Azath H, Dr.P.Amuthavalli, Dr.S.Rajalakshmi, **Dr.M.Marikkannan**, "An Efficient Software Effort Estimation by Combining Neural Network and Optimization Technique", Accepted for publication in the International Journal of Applied Engineering Research (IJAER), 2018.

16. Gokulapriya V, **M.Marikkannan**, "Lung Cancer Detection System by fusion of CT and MRI Images", International Journal of Advance Research, Ideas and Innovations In Technology (IJARIIT), ISSN: 2454-132X, Vol. 4, No. 3, pp. 1333-1335, 2018, Impact Factor: 4.295

17. Ramya T E, **M.Marikkannan**, "Investigations on Combinational Approach for Processing Remote Sensing Images Using Deep Learning Techniques", International Journal of Engineering Trends and Technology (IJETT), ISSN:2231-5381, Vol. 67, No. 8, pp. 92-97, 2019.