

## Dr.A.Merlin Publication List

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### INTERNATIONAL JOURNALS

1. Amalorpava Mary Rajee S and **Merline A**, "Machine Intelligence Techniques for Blockage Effects in Next – Generation Heterogeneous Networks", Radio Engineering, Vol.29(3), 555 – 562, September 2020.
2. T.Siva and **Merline A**, "A Comparative Study on Energy Efficient Techniques in Wireless Sensor Networks", Journal of Advance Research in Dynamical & Control Systems, Vol.11, July 2019.
3. Amalorpava Mary Rajee S and **Merline A**, "A Survey on Modeling and Coverage Analysis of Heterogeneous Network", International Journal of Recent Technology and Engineering, Vol. 8(1), pp. 524-531 May 2019.
4. Deepa, **Merline A**, " Energy Efficient Solutions for Green Cellular Networks –A Survey" International Journal of Electronics and Communication Engineering and Technology, Volume 9, Issue 5, September-October 2018, pp. 1–16
5. Regina Shali, **Merline A**, "A High Performance Rectangular Patch Antenna with H-Shaped Periodic Array Metamaterial", Taga Journal, Vol.14., pp.2162-2169, 2018
6. Jalal Deen K, Ganesan R and **Merline A**, "Fuzzy-C-Means Clustering Based Segmentation and CNN- Classification for Accurate Segmentation of Lung Nodules", Asian Pacific Journal of Cancer Prevention, Vol. 18(7), July 2017, pp. 1869 - 1874. (Annexure 1, Scopus Indexed)
7. D.Paulraj and **A.Merline**, "Environmental Adaptive CFAR Detector for MIMO Radar", International Journal of Applied Engineering Research, Vol.10, No.42(2015)
8. S.Ilakkiya and **A.Merline**, "Design of Transmit Beamspace and DOA Estimation in MIMO Radar" International Journal of Advanced Information Science and Technology (IJAIST), Vol.35, No.35, March 2015

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1. Abdul Sikkander and **A.Merline**, "Review on Spectrum Sharing Approaches Based on Fuzzy and Machine Learning Techniques in Cognitive Radio Networks", Proceedings of International Conference on Computational Vision and Bio Inspired Computing (ICCVBIC), November 2018.
2. P.Deepa and **A.Merline**, "Artificial Intelligence Based Technique for Base Station Sleeping", Proceedings of International Conference on Computational Vision and Bio Inspired Computing (ICCVBIC), November 2018.
3. R.Tamilselvi, **A.Merline** and M.ParisaBeham, "EMG Activated Robotic Arm for Amputees", International Conference on Inventive Systems and Control, January 2018.