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## **PUBLICATIONS:**

- 1. C Annadurai, V Nagarajan," Performance Analysis for Cooperative Ad-hoc Networks in the Presence of Correlated Nakagami Fading", August 2016, Springer, Wireless Personal Communications, pp.1-16.
- 2. C Annadurai, V Nagarajan, "A link selection strategy for cooperative ad-hoc networks", Elsevier, Computers & Electrical Engineering, November 2015, Vol.48, pp- 109-118.
- 3. C Annadurai, "Review of Packet Scheduling Algorithms in Mobile Ad Hoc Networks", International Journal of Computer Applications, 2011, Vol. 15, no.1, pp. 7-10
- 4. C.Annadurai, Manimuthu Raja, "Investigation on Power Optimization in Cooperative Wireless Network Localization", International Journal of Advanced Engineering Technology 2016, Vol 8 no. II, pp. 285-289
- 5. C Annadurai, ManimuthuRaja, "Energy Efficient Cooperative Positioning Algorithm for Global Navigation Satellite System", Asian Journal of Research in Social Sciences and Humanities, 2016, Vol.6, no.7, pp. 266-275
- 6. C Annadurai, KK Prasad, "Reconfigurable and low complexity variable digital filter design", International Conference on Communications and Signal Processing (ICCSP), 2014, pp. 234-237.
- C Annadurai, G Esakkirajan, "CORDIC based high speed DCT algorithm", International Conference on Communications and Signal Processing (ICCSP), 2014, pp. 225-228
- 8. C Annadurai, "Energy-Aware Packet Scheduling with QoS Control in Wireless Ad Hoc Network", 2011, International Journal of Advanced Engineering Technology, Vol.2, no 1, pp-25-32.
- 9. T.K. Sivakumar, C. Annadurai and V. Nagarajan, "Design And Analysis of Efficient MIMO-OFDM System", International Conference on Communications and Signal Processing (ICCSP), 2013, pp. 1165-1167.
- 10. T.K. Sivakumar, C. Annadurai and V. Nagarajan, "Efficient Implementation of FFT/IFFT IP Core for OFDM Application", International Conference on Communications and Signal Processing (ICCSP), 2013, pp. 1649-1652.

- 11. M. Divakar and C. Annadurai, "VLSI Implementation of Area Efficient Truncated Multiplier", International Conference on Communication and Signal Processing, April 3-5, 2014, pp.600-603.
- 12. K. Kowsick Prasad and C. Annadurai, "Reconfigurable and Low Complexity Variable Digital Filter Design" International Conference on Communication and Signal Processing, April 3-5, 2014, pp.604-607.
- 13. P. Venkatesh, C.Annadurai, "Low-Power Adder and Multiplier for Discrete Cosine Transform Applications", International Conference on Communication and Signal Processing, April 3-5, 2014, pp.2042-2045.
- 14. Annadurai, C & Nagarajan, V 2014, 'A Link Selection Strategy for Cooperative Adhoc Networks', IEEE International Conference on Communication and Signal Processing, April 3-5,India, pp.1765-1768.
- Annadurai, C & Nagarajan, V 2014, 'Performance of Joint VBLAST/STBC assisted MIMO-IDMA System', 2nd International conference on modern trends in science engineering and technology, September 10-1, Dubai.pp.700-706.
- 16. Annadurai, C & Nagarajan, V 2016, 'Energy Efficient Optimised Cooperative Mobile Ad-hoc Network', IEEE International Conference on Communication and Signal Processing, April 6-8, 2016 India. pp. 549-552.
- 17. I. Nelson, C. Annadurai R. Kalidoss• B. Partibane, "Mitigation of co-channel interferences in cognitive multi-carrier code division multiple access system by singular value decomposition techniques", Cluster Computing, Springer Journal, Online June, 2017