

# Publications

## Journals

1. C.Jeyamala and S J Thiruvengadam, " A hybrid chaotic and number theoretic approach for securing DICOM images", Security and Communication Networks, Wiley, Hindawi Publications, 2017
2. M.Sashikanth, S J Thiruvengadam and D Sriram Kumar , " Outage Analysis of SWIPT based Full Duplex Cognitive NOMA Downlink System over Nakagami-m Fading channels", International Journal of Communication Systems-Wiley, Vol.33, Issue 8, May 2020
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4. M.Sashikanth, S J Thiruvengadam and D.Sriram Kumar, " BER Analysis of Full Duplex NOMA Downlink and Uplink Co-operative User Relaying Systems over Nakagami-m Fading Environment", Physical Communications, Elsevier, Vol.38, February 2020.
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6. G.Ananthi, M.Nithya and S J Thiruvengadam, " Uplink SINR Analysis in Massive MIMO Systems using Ginibre Point Process", Wireless Personal Communications, Springer, Vo.106, NO.3., June 2019
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8. R Rajesh, PGS Velmurugan, SJ Thiruvengadam, PS Mallick, "Outage Performance of Bidirectional Full-Duplex Amplify-and-Forward Relay Network with Transmit Antenna Selection and Maximal Ratio Combining", Journal of Telecommunications and Information Technology, 2018
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12. S.Rajkumar and S.J. Thiruvengadam, "Performance Analysis of Optimum Combining Technique in OFDM Based Full Duplex Multiantenna DF Relay Network with Narrowband Interference", Wireless Personal Communications, Springer, 2016
13. S.Rajkumar and S.J.Thiruvengadam, " Outage Analysis of OFDM Based Cognitive Radio Network with Full Duplex Relay Selection", IET Signal Processing, 2016
14. C.Jeyamala and S.J.Thiruvengadam, ""Ensemble of Chaotic and Naive Approaches for Performance Enhancement in Video Encryption", Hindawi Scientific World Journal, Article ID 458272, 2015
15. S.Rajkumar, V.N.Senthil Kumaran and S.J.Thiruvengadam, " Outage Analysis of OFDM based Cognitive AF Relay Network in the presence of Narrowband Interference", ETRI Journal, Volume 37, Number 3, , pp460-470, June 2015
16. G.Ananthi and S.J.Thiruvengadam, "Outage probability analysis of multiple input multiple output ad-hoc networks with random topology", IET Signal Processing, Vol.9, Issue 3, pp 288-296, May 2015
17. K.Rajeswari and S.J.Thiruvengadam, " Optimal Power Allocation for Channel Estimation in MIMO OFDM System with Per-Subcarrier Transmit Antenna Selection", Radio Engineering, Vol.24, No.1, pp105 -114, April 2015
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