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List of Publications

1. S Alluri and N Rangaswamy, "Compact high bandwidth dimension ratio steering-shaped super wideband antenna for future wireless communication applications", Microwave and Optical Technology Letters, (2020):3985-3991.
2. S Eduru and N Rangaswamy, "BER analysis of MIMO ZF receiver with imperfect channel estimation under correlated Rician fading channel" AEU- International Journal of Electronics and Communications 126, 2020.
3. S Eduru and N Rangaswamy, "BER analysis of ZF receiver with imperfect CSI for fully correlated channel", International Journal of Electronics Letters, (2020):1-13
4. S Alluri and N.Rangaswamy, "A Super Wideband Circular Monopole Antenna", TEQIP III Sponsored International Conference on Microwave Integrated Circuits, Photonics and wireless Networks (IMICPW), (2019).
5. BR Rayapati and N Rangaswamy, "Adaptive Scheduling mechanism with variable bit rate traffic in EPON" Journal of Optical Communications, (2019).
6. S Eduru and N.Rangaswamy, "Resource Complexity Analysis for Sum-Rate Capacity in Millimeter-Wave Applications", TEQIP III Sponsored International Conference on Microwave Integrated Circuits, Photonics and wireless Networks (IMICPW), (2019).
7. BR Rayapati and N.Rangaswamy, "Ring Topologies with energy Efficient Scheduling of ONUs in TWDM PON", TEQIP III Sponsored International Conference on Microwave Integrated Circuits, Photonics and wireless Networks (IMICPW), (2019).
8. SF Sulthana and R Nakkeeran, "Priority-Based Resource Scheduling in Hybrid-Access LTE Femtocell", Journal of Communications and Information Networks, 2018: 75-83.

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9. S Eduru and N Rangaswamy, "BER Analysis of massive MIMO Systems under Correlated Rayleigh fading channel", 9th International Conference on Computing and Communications, (2018)

 10. SF Sulthana, R Nakkeeran, S Shaffath Hussain Shakir and A Rajesh, "Investigation on resource scheduling with coexistence of unicast and multicast services in LTE OFDMA system", Journal of High Speed Networks, pp.147-159, 2018.

 11. SF Sulthana and R Nakkeeran, "Performance evaluation of downlink packet scheduling for real time traffic in LTE system", International Journal of Information and Communication Technology, 2017.

 12. R Jothikumar and N Rangaswamy, "Reduced Complexity by combining Norm Based Ordering MMSE-BSIDE Detection in MIMO Systems", International Journal of Electronics and Telecommunications, pp. 305-308, 2017.

 13. R Anbazhagan and N Rangaswamy, "Improved random access for contention bandwidth request in LTE Networks under Extended typical urban 70 channel", International Journal of Information and Communication Technology, 2017.

 14. G Idayachandran and R Nakkeeran, "Compact magento-electric dipole antenna for LTE femtocell base stations", Electronic Letters 52(8), 574-576, 2016.

 15. A Rajesh and R Nakkeeran, "Investigation on group based contention bandwidth request in LTE-A networks under high delay spread environment", Wireless Networks, 1931-1945, 2016.

 16. SF Sulthana and R Nakkeeran, "Performance analysis of service based scheduler in LTE OFDMA System", Wireless Personal Communications, pp. 841-854, 2015.

 17. FSSH Shakir and N Rangaswamy, "A simple three level downlink packet scheduling to improve throughput in LTE network", IEICE Communication Express, pp.293-298, 2015.