

Journals

1. "Measurements at 2.4, 3.4, 5.2, 28 and 60 GHz for Device-to-Device Wireless Communications"; Sreedevi A G, T. Rama Rao and Susila M; Springer's Wireless Personal Communications, Vol.108, Issue.3, p.1733–1743, Oct 2019 (SCI IF: 1.2)
2. "Reinforcement Learning Algorithm for 5G Indoor Device-to-Device Communications", Sreedevi A G and T. Rama Rao, Transactions on Emerging Telecommunications Technologies, Wiley & Sons, Vol.30, Issue.9, 2019 (SCI IF: 1.61)
3. "Device-to-Device Radio Link Analysis at 2.4, 3.4, 5.2, 28 and 60 GHz in Indoor Communication Environments", Sreedevi A G, T. Rama Rao and Susila M; Frequenz - Journal of RF-Engineering and Telecommunications; Frequenz, Volume 73, Issue 3-4, P. 131–141, 2019 DOI: (SCI IF: 0.595)
4. "Tunable Band Notched High Selective UWB Filtering Monopole Antenna"; Saffrine K, Deepa T, Malathi K, M. Gulam Nabi Alsath, Sandeep Kumar P, T Rama Rao, Sangeetha S; IEEE Transactions on Antennas and Propagation, Volume:67, Issue:8, P. 5658 - 5661, Aug. 2019. (SCI IF: 4.435)
5. "On the Bending and Time Domain Analysis of Compact Wideband Flexible Monopole Antennas", Susila M, Sandeep Kumar P, Rama Rao T, Malathi K, Mr Balarami Reddy B N, Sachin Kumar; AEU - International Journal of Electronics and Communications'; Volume 101, P. 168-181, March 2019 (SCI IF: 2.853)
6. "Investigations of Specific Absorption Rate and Temperature Variations for an UWB Antenna for Wireless Applications"; M. Susila, T. Rama Rao, K.Varshini, P. Sandeep Kumar, and M. Pushpalatha; Progress In Electromagnetics Research M, Vol. 78, 83–92, 2019. (SNIP: 0.504)
7. "A digitized universal filtered orthogonal frequency division multiplexing for next generation communication applications"; T. Deepa and T. Rama Rao, Computers and Electrical Engineering, Elsevier Journal, Vol. 72, P.939–948, 2018 (SCI IF: 2.189).
8. "Multiband Reconfigurable Filtering Monopole Antenna for Cognitive Radio Applications"; Saffrine K, Deepa T, Malathi K, M. Gulam Alsath, T. Rama Rao, P. Sandeep Kumar, IEEE Antennas and Wireless Propagation Letters, Vol.17, No.8, P. 1416 – 1420, August 2018 (SCI IF:3.51)
9. "SAR Investigations on the Exposure Compliance of Wearable Wireless Devices using Infrared Thermography"; Varshini Karthik and T. Rama Rao; Wiley's – Bioelectromagnetics, Volume 39, Issue 6, Pages 451-459, September 2018 (SCI IF: 2.0)
10. "Fractal based Ultra-Wideband antenna development for Wireless Personal Area Communication Applications", Susila M, T Rama Rao, B N Balarami Reddy, Sandeep Kumar P, Pushpalatha M; Accepted in AEU - International Journal of Electronics and Communications', Volume 93, Pages 95-102, September 2018. (SCI IF: 2.853)
11. "Design of Penta-band Antenna with Integrated Low Noise Amplifier Circuit for Vehicular Communications"; Ramya and T. Rama Rao, IET Circuits, Devices & Systems, Volume 12, Issue 3, p. 221 – 225, May 2018 (SCI IF: 1.277)
12. "Performance Analysis of SAR Distributions with Substrate Integrated Waveguide based Antipodal Linear Tapered Slot Antenna at 60 GHz"; Purva Shrivastava and T. Rama Rao, IEEE Antennas & Propagation Magazine, Vol.59, Issue.6, P.140-146, 2017. (SCI IF: 3.804)