

Dr.K.INDHUMATHI PUBLICATIONS

- 1.Bandwidth reconfigurable microwave filter using stepped impedance c-shaped resonator, Microwave and Optical Technology Letters, August 2020(0.957)
- 2.Compact frequency and bandwidth reconfigurable microwave filter, Wireless Personal Communication, July 2020 (1.170)
- 3.Role of cobalt nanowire and graphenenanoplatelet on microwave shielding behaviour of natural rubber composite in high frequency bands, Polymer Composites, June 2020 - Accepted for publication.(2.265)
- 4.A Compact Frequency Reconfigurable Antenna with Independent Tuning for Hand-held Wireless Devices, IEEE Transactions on Antennas and Propagation , Sep. 2019 (4.435)
- 5.Performance Enhancement and Signal Integrity Analysis of Multiband MIMO Antenna for Handheld Electronic Devices,IET Microwaves, Antennas & Propagation, 2019 (1.969)
- 6.Super Wideband (SWB) Fractal Based Flexible MOnopole Antenna for Ultra-Wideband (UWB) Applications, JOurnal of Active and Passive Electronic Devices, 2019 (ISSN:1555-0281)
- 7.A Patch-Slot Antenna Array with Compound Reconfiguration, IEEE Antennas and Wireless Propagation Letters , 17:3, pp.525-528, 2018, IF:3.448
- 8.A Planar Microwave Phase Shifter using Microstrip-CPW-Microstrip Transition with Defected Ground Structures, International Journal of Microwave & Wireless Technologies, 9:1, 71-77, doi:10.1017/S1759078715001427, 2017, IF:0.745
- 9.Multi-band phase shifter design using modified slotline configuration, Waves in Random and Complex Media, doi:10.1080/17455030.2016.1192310,2016, IF:2.54
- 10.Dual-frequency phase shifter deploying complementary split-ring resonator. International Journal of Microwave and Wireless Technologies, 8:7, 1045-1050, 2016doi :10.1017/S1759078715001051,IF:0.745
- 11.A substrate-modified CPW-based linear microwave phase shifter, Waves in Random and Complex Media, 25:4, 457-472, doi:10.1080/17455030.2015.1008070, IF:2.
- 12.A Triband Phase Shifter Design Using Split-Ring Resonator and Complementary Split-Ring Resonator Loaded Ground Plane forWireless Applications, Waves in Random and Complex Media, 25:4, 669 - 681, 2015,doi:10.1080/17455030.2015.1076584, IF:2.54