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List of publications (last five years)

1. SA Kumar, MA Raj, T Shanmuganantham, "Analysis and design of CPW fed antenna at ISM band for biomedical applications ", Alexandria Engineering Journal 57 (2), 723-727 (2018)
2. C Elavarasi, T Shanmuganantham, "Multiband SRR loaded Koch star fractal antenna ", Alexandria engineering journal 57 (3), 1549-1555 (2018)
3. D Kaushal, T Shanmuganantham, "Microstrip slotted caterpillar patch antenna for S, Ku and K-band applications", Materials Today: Proceedings 5 (4), 10738-10746 (2018)
4. D Kaushal, T Shanmuganantham, "Design of a compact and novel microstrip patch antenna for multiband satellite applications", Materials Today: Proceedings 5 (10), 21175-21182 (2018)
5. A Nallathambi, T Shanmuganantham, D Sindhanaiselvi, "Design and analysis of MEMS based piezoresistive pressure sensor for sensitivity enhancement", Materials Today: Proceedings 5 (1), 1897-1903 (2018)
6. MN Kumar, T Shanmuganantham, "Division shaped substrate integrated waveguide slot antenna for millimeter wireless/automotive radar applications", Computers & Electrical Engineering 71, 667-675
7. C Elavarasi, T Shanmuganantham, "Multiband SRR loaded leaf-shaped Koch fractal with a modified CPW-fed antenna", International Journal of Electronics Letters 6 (2), 137-145(2018)
8. K Sajith, J Gandhimohan, T Shanmuganantham, "A novel SRR loaded asymmetrical CPW fed ISM band wearable antenna for health monitoring applications", IEEE Applied Electromagnetics Conference (AEMC), 1-2 (2017)
9. SA Kumar, T Shanmuganantham, D Dileepan, "Design and development of CPW fed monopole antenna at 2.45 GHz and 5.5 GHz for wireless applications", Alexandria engineering journal 56 (2), 231-234 (2017)
10. K Sajith, T Shanmuganantham, "dual band characteristics in a micro-strip rectangular patch antenna using Novel Slot", IEEE Int. Conf. (ICICICT) 2017
11. C Elavarasi, T Shanmuganantham, "SRR loaded periwinkle flower shaped fractal antenna for multiband applications", Microwave and Optical Technology Letters 59 (10), 2518-2525 (2017)
12. C Elavarasi, T Shanmuganantham, "SRR loaded CPW-fed multiple band rose flower-shaped fractal antenna", Microwave and Optical Technology Letters 59 (7), 1720-1724 (2017)

13. R Sreelakshmy, S Ashok Kumar, T Shanmuganantham, “A wearable type embroidered logo antenna at ISM band for military applications”, Microwave and Optical Technology Letters 59 (9), 2159-2163 (2017)
14. RK Gupta, T Shanmuganantham, R Kiruthika, “A staircase hexagonal shaped microstrip patch antenna for multiband applications”, International Conference on Control, Instrumentation, Communication and computational technologies. (2016)
15. R Kiruthika, T Shanmuganantham, RK Gupta, “A fan shaped triple band microstrip patch antenna with DGS for X-band applications”, International Conference on Control, Instrumentation, Communication and computational technologies. (2016)
16. D Kaushal, T Shanmuganantham, “Design and Optimization of microstrip patch antenna for space applications”, IEEE International Conference on Emerging Trends in Technology-2016
17. R Kiruthika, T Shanmuganantham, “Comparison of different shapes in microstrip patch antenna for X-band applications”, International Conference on Emerging Technological Trends (ICETT) published by IEEE 2016
18. D Kaushal, T Shanmuganatham, “Danger microstrip patch antenna for fixed satellite applications”, International Conference on Emerging Technological Trends (ICETT) published by IEEE 2016
19. S Ashok Kumar, T Shanmuganantham, “ Design and development of implantable CPW fed monopole L-Slot antenna at 2.45 GHz ISM band for biomedical applications”, International Journal of RF Technologies 7 (4), 201-208 (2016)
20. R Kiruthika, T Shanmuganantham, “Comparison of Direct Contact Feeding Techniques for Rectangular Microstrip Patch Antenna for X-Band Applications”, International Journal of Computer Science and Information Security (IJCSIS)(2016)
21. A Nallathambi, T Shanmuganantham, “Design of diaphragm based MEMS pressure sensor with sensitivity analysis for environmental applications”, Sensors & Transducers 188 (5), 48 (2015)
22. KA Ansal, T Shanmuganantham, “A novel CB ACS-fed dual band antenna with truncated ground plane for 2.4/5 GHz WLAN application ”, AEU-International Journal of Electronics and Communications 69 (10), 1506-1513 -2015
23. S Ashok Kumar, T Shanmuganantham, “Analysis and design of implantable Z-monopole antennas at 2.45 Ghz ISM band for biomedical applications”, Microwave and Optical Technology Letters 57 (2), 468-473-2015
24. SA Kumar, T Shanmuganantham, “CPW fed implantable Z-monopole antennas for ISM band biomedical applications”, Int J Micro Wire Tech 7, 529-533 (2015)