

2017 SCI Journals Publications

1. Jos Prakash, Babita Jose, Jimson Mathew, and Bijoy A. Jose, "A differential quantizer based error feedback modulator for analog to digital converters", *IEEE Transactions on Circuits & Systems II*, 99, 1-5, Feb. 2017.
2. S Joseph, S Jacob, B Paul, S Mridula, P Mohanan, "Time-Domain Characterization of Dual Band Spiral Antenna with WMTS/UWB Application", *International Journal of Antennas and Propagation* March, 2017.
3. V. P Sarin, M. P Jayakrishnan, P. V Vinesh, C. K Aanandan, P. Mohanan and K. Vasudevan, "An Experimental Realization of Cylindrical Cloaking using Dogbone Metamaterials", *Canadian Journal of Physics*, 10.1139/cjp- 2016-0876, 2017.
4. Alex Raj S. M., Claris Jose, Supriya M. H., "Hardware Realization of Canny Edge Detection Algorithm for Underwater Image Segmentation Using Field Programmable Gate Arrays," *J. Eng. Sci. Technol.*, vol. 12, no. 9, pp. 2536 – 2550, 2017.
5. Tina P. George and Tessamma Thomas, "Exon Mapping in Long Noncoding RNAs Using Digital Filters," *Genomics Insight*, vol. 10, Aug. 2017.
6. Roshna T. K., Deepak U., P. Mohanan, "Compact UWB MIMO antenna for tridirectional pattern diversity characteristics," *IET Microwaves, Antennas & Propagation*, vol. 11, no. 14, pp. 2059 – 2065, Oct. 2017.
7. P. Abhilash, S. B. Roshni, P. Mohanan, K. P. Surendran, "A facile development of homemade substrate using 'quench free' glass-ceramic composite and printing microstrip patch antenna on it", *Materials & Design*, vol. 137, pp. 38 – 46, Oct. 2017.
8. K. Mohankumar, Ajil Kottayil, V. K. Anandan, Titu Samson, Linto Thomas, K. Satheesan, Rejoy Rebello, M. G. Manoj, Rakesh Varadarajan, P. Mohanan, K. Vasudevan, "Technical Details of a Novel Wind Profiler Radar at 205MHz," *IET Computers & Digital Techniques*, vol.34, pp. 2659 – 2671, Dec. 2017.