

2018 SCI Journals Publications

1. Libimol V. A. and C. K. Aanandan "Experimental demonstration of the performance of flexible metamaterial absorber on planar and Cylindrical surface", *Journal of Physics Communications*, vol. 2, no. 1, 015007, Jan. 2018.
2. Libimol V. A. and C. K. Aanandan "Radar Cross Section Reduction of Low Profile Fabry - Perot Resonator Antenna Using Checker Board Artificial Magnetic Conductor", *Advanced Electromagnetics*, vol. 7, no. 2, pp. 76 – 82, Mar. 2018.
3. Sarin Valiyaveettil Pushpakaran, Jayakrishnan M Purushothaman, Manoj Mani, Aanandan Chandroth, Mohanan Pezhholil, Vasudevan Kesavath, "A metamaterial absorber based high gain directional dipole antenna", *International Journal of Microwave and Wireless Technologies*, Cambridge University Press, vol. 10, no. 4, pp. 430 – 436, Apr. 2018.
4. Nelson K. Jacob, Lindo A. Ouseph, Chandroth K. Aanandan, Mohanan Pezhholil, and Kesavath Vasudevan, "Broadband Vertical Transitions Between Double-Sided Parallel-Strip Line and Coplanar Waveguide," *Progress In Electromagnetics Research Letters* , vol. 75, 119–124, May 2018.
5. Sarin V. Pushpakaran, Manoj Mani, Mohanan Pezhholil, Aanandan Chandroth and Vasudevan Kesavath, "Enhanced Radiation from an Electrically Small Antenna using Sub-wavelength Metal Strip Grating", *Journal of Physics Communications*, vol. 2, no. 5, 055005, May 2018.
6. Shameer K. Mohammed, Supriya M. Hariharan, and Suraj Kamal, "A GTCC-Based Underwater HMM Target Classifier with Fading Channel Compensation", *Journal of Sensors*, Volume 2018, pp 1-14, April 2018
7. Kala S., Jimson Mathew, Babita R. Jose, and Nalesh S., "Radix-4³ based twodimensional FFT architecture with efficient data reordering scheme," *IET Computers & Digital Techniques*, vol. 13, no. 2, pp. 78 – 86, Sep. 2018
8. V. P. Sarin, M. Mani, L. Ouseph, A. Chandroth, M. Pezhholil, K. Vasudevan "Enhanced radiation from an electrically small radiator using an array of sub-wavelength holes," *Journal of Modern Optics*, vol. 66, no. 1, pp. 109 – 117, Sep. 2018
9. Chandramma V. Anil Kumar¹, Binu Paul, and Pezhholil Mohanan "Compact Triband Dual F-Shaped Antenna for DCS/WiMAX/WLAN Applications," *Progress In Electromagnetics Research Letters*, Vol. 78, 97 – 104, Sep. 2018.
10. Sreebi K. Divakaran, Deepti Das Krishna, Nasimuddin, "RF energy harvesting systems: An overview and design issues," *International Journal of RF and Microwave Computer-Aided Engineering*, vol. 29, no. 1, pp. 1 – 15, Nov. 2018