

**Journal Publications – 2018**

- Arokiasamy, Design of compact lens system for miniaturized prolate spheroidal impulse radiating antenna for skin cancer treatment, Prog. Electromagn. Res. M. 70 (2018) 41–50. <https://doi.org/10.2528/PIERM18051101>.
- A. Aswini, C. Soundhari, Production of camptothecin from endophytic fungi and characterization by high-performance liquid chromatography and anticancer activity against colon cancer cell line, Asian J. Pharm. Clin. Res. 11 (2018) 166–170. <https://doi.org/10.22159/ajpcr.2018.v11i3.18921>.
- K.S. Guruprakash, T. Vigneshwaran, K. Swaminathan, Cloud resource allocation and optimization: A review, J. Comput. Theor. Nanosci. 15 (2018) 2701–2706. <https://doi.org/10.1166/jctn.2018.7563>.
- R. Karthikeyan, V. Senthilkumar, M. Thilak, A. Nagadeepan, Application of Grey Relational Analysis for Optimization of Kerf quality during CO2 laser cutting of Mild Steel, Mater. Today Proc. 5 (2018) 19209–19215. <https://doi.org/10.1016/j.matpr.2018.06.276>.
- V. Radha, N.S. Kumaran, N. Aarthi, M. Kumaresan, A novel approach to synthesis and characterization of silver nanoparticles from gorgonian Primnoa spp. And their biomedical approach: An in vitro studies, J. Bionanoscience. 12 (2018) 827–835. <https://doi.org/10.1166/jbns.2018.1597>.
- N.T. Selvi, R. Pandeewari, P.T. Selvan, A. Ranjan, A selective frequency reconfigurable microstrip patch antenna using PIN diodes for cognitive radio applications, in: Proc. Int. Conf. Inven. Comput. Informatics, ICICI 2017, 2018: pp. 980–984. <https://doi.org/10.1109/ICICI.2017.8365284>.
- N.T. Selvi, P.T. Selvan, S.P.K. Babu, EC-SRR inspired CPW-fed triple band antenna with staircase shaped ground plane for WLAN and C-band applications, Int. J. Microw. Opt. Technol. 13 (2018) 290–298. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049649661&partnerID=40&md5=0c4724fc0ecfa5d9e7ce7200391e09cc>.

- P.P. Shantharaman, M. Prabhakar, V. Anandakrishnan, S. Sathish, Multi-objective Optimization of Cold Upsetting Parameters for Aluminium Metal Matrix Composites, Trans. Indian Inst. Met. 71 (2018). <https://doi.org/10.1007/s12666-017-1222-7>.
- S. Suganthi, P.T. Selvan, T-shaped broadband CPW-fed folded-slot antenna for 5.8 GHz RFID applications, in: 15th Int. Conf. Electromagn. Interf. Compat. INCEMIC 2018, 2018. <https://doi.org/10.1109/INCEMIC.2018.8704620>.
- S. Suganthi, P. Thiruvalar Selvan, S. Raghavan, Loss analysis of wideband RF MEMS shunt capacitive switch in T and  $\pi$ -match configurations, Appl. Comput. Electromagn. Soc. J. 33 (2018) 1034–1039. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057577795&partnerID=40&md5=67617b77450b513d1fe24394431bd00b>
- M. Sureshkumar, S.G. V Chinnasamy, Investigation of a tool and workpiece machined using a nickel-nanocoated insert, Mater. Tehnol. 52 (2018) 171–175. <https://doi.org/10.17222/mit.2017.071>