

Journal Publications – 2019

- R.G. Babu, A. Nedumaran, A. Sisay, Machine Learning in IoT Security Performance Analysis of Outage Probability of link selection for Cognitive Networks, in: Proc. 3rd Int. Conf. I-SMAC IoT Soc. Mobile, Anal. Cloud, I-SMAC 2019, 2019: pp. 15–19. <https://doi.org/10.1109/I-SMAC47947.2019.9032669>.
- S. Balakumar, S. Sundaramoorthy, R. Bhoopalan, G. Prabhakar, Detection of Moving Object in Dynamic Visual Sequences Based on Partial Least Squares Classifier, *J. Med. Syst.* 43 (2019) 259. <https://doi.org/10.1007/s10916-019-1386-2>.
- A.B.H. Bejaxhin, G. Paulraj, Experimental investigation of vibration intensities of CNC machining centre by microphone signals with the effect of TiN/epoxy coated tool holder, *J. Mech. Sci. Technol.* 33 (2019). <https://doi.org/10.1007/s12206-018-1232-3>.
- A.B.H. Bejaxhin, G. Paulraj, M. Prabhakar, Inspection of casting defects and grain boundary strengthening on stressed Al6061 specimen by NDT method and SEM micrographs, *J. Mater. Res. Technol.* 8 (2019). <https://doi.org/10.1016/j.jmrt.2019.01.029>.
- C.K. Chozhan, A. Chandramohan, M. Alagar, Development and characterization of 1,1-bis(3-methyl-4-hydroxyphenyl) cyclohexane-based benzoxazine and cyanate ester hybrid polymer matrices: Thermal and morphological properties, *Polym. Polym. Compos.* 27 (2019) 609–618. <https://doi.org/10.1177/0967391119853747>.
- M. Dhamodaran, S. Jegadeesan, A. Murugan, B. Ramasubramanian, Modeling and simulation of the flyback converter using SPICE model, *Int. J. Recent Technol. Eng.* 8 (2019) 946–952. <https://doi.org/10.35940/ijrte.C4109.098319>.
- S. Kamatchisankaran, M. Prabhakar, M. Chandrasekar, S. Guharaja, T. Ramesh, V. Anandkrishnan, Effect of titanium carbide on workability and corrosion behavior of magnesium-tin metal matrix composites prepared by powder metallurgy route, *J. Balk. Tribol. Assoc.* 25 (2019) 743–766. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081552303&partnerID=40&md5=c93844c9819d54c30de9d648d184c5d2>.
- S. Kingsly, D. Thangarasu, M. Kanagasabai, M.G.N. Alsath, S.K. Palaniswamy, T.R. Rao, S. Subbaraj, Y.P. Selvam, P. Sambandam, G. Ganesan, Tunable band-notched

high selective UWB filtering monopole antenna, *IEEE Trans. Antennas Propag.* 67 (2019) 5658–5661. <https://doi.org/10.1109/TAP.2019.2920997>.

- P. Sangeetha, C. Sankar, K. Tharini, New thiazolidinone substituted 2,6-diarylpiperidin-4-one: Synthesis, crystal structure, spectral characterization, binding mode with calf thymus DNA, *J. Mol. Struct.* 1198 (2019). <https://doi.org/10.1016/j.molstruc.2019.126899>.
- S. Vagheesan, J. Govindarajalu, Hybrid neural network–particle swarm optimization algorithm and neural network–genetic algorithm for the optimization of quality characteristics during CO2 laser cutting of aluminium alloy, *J. Brazilian Soc. Mech. Sci. Eng.* 41 (2019) 328. <https://doi.org/10.1007/s40430-019-1830-8>.