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**Publications:**

1. Appadurai Anitha Angeline, Lazarus Godson Asirvatham, Duraisamy Jude Hemnath, Jayaraj Jayakumar, Somachi Wongwise, "Performance Prediction of hybrid thermoelectric generator with high accuracy using artificial neural networks" Sustainable Energy Technologies and Assessments, 2019.
2. Selvaraj Kesavan, J Jayakumar, " Effective Client- driven three level rate adaption(TLRA) approach for adaptive HTTP streaming", Multimedia Tools and Applications,2018.
3. Angeline A Anitha, Jayaraj jayakumar, Lazarus Godson Asirvatham, "Performance Analysis of (Bi<sub>2</sub>Te<sub>3</sub>-PbTe) Hybrid Thermoelectric Generator", International Journal of Power Electronics and Drive Systems, 2017.
4. Benneaser John, J Jayakumar, V Thavavel, Muthukumar Arumugam, KJ Poornaselvan"Design of Open Content Social Learning based on the Activities of Learner and Similar Learners" International Journal of Distance Education Technologies (IJDET),2017.
5. P Rajalakshmy, S Dharmalingam, J Jayakumar "A Novel Approach to Develop the Lower Order Model of Multi-Input Multi-Output System" IOP Conference Series: Materials Science and Engineering, 2017.
6. VM Dileepan, J Jayakumar , "Performance analysis of lithium batteries "International Conference on Innovations in Electrical, Electronics, Instrumentation and Media Technology (ICEEIMT),2017.
7. VM Dileepan, KT Madhavan, J Jayakumar "Performance analysis of lithium polymer battery and super capacitor" International Conference on Energy, Communication, Data Analytics and Soft Computing (ICECDS),2017.
8. Angeline A Anitha, Jayaraj Jayakumar, Lazarus Godson Asirvatham , "Performance analysis of (Bi<sub>2</sub>Te<sub>3</sub>-PbTe) hybrid thermoelectric generator, International Journal of Power Electronics and Drive Systems, 2017.
9. S Suresh Kumar, J Jayakumar, " Torque Modelling of Switched Reluctance Motor using LSSVM-DE", Neurocomputing, 2016.
10. X Anitha Mary, L Siavkumar, J Jayakumar, " Modelling and Control of MIMO Gasifier system diring coal quality variations" International Journal of Modeling, Identification and Control, 2015.
11. J Jayakumar, " Analysis of (Bi<sub>2</sub>Te<sub>3</sub>-PbTe) hybrid thermoelectric generator for effective power generation", International Conference on Innovations in Information, Embedded and Communication Systems (ICIIECS),2015.