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List of Publications:

1. Performance prediction of hybrid thermoelectric generator with high accuracy using artificial neural networks, AA Angeline, LG Asirvatham, DJ Hemanth, J Jayakumar, S Wongwises - Sustainable Energy Technologies and Assessments, 2019.

2. Power generation from combusted "syngas" using hybrid thermoelectric generator and forecasting the performance with ann technique, AA Angeline - Journal of Thermal Engineering, 2018.

3. Effective client-driven three-level rate adaptation (TLRA) approach for adaptive HTTP streaming, S Kesavan, J Jayakumar - Multimedia Tools and Applications, 2018.

4. On pgb-Connectedness and pgb-Compactness in Topological Spaces, S Sekar, R Brindha - School of Mathematics Northwest University Xi'an, Shaanxi, China, 2018.

5. A Novel Approach to Develop the Lower Order Model of Multi-Input Multi-Output System, P Rajalakshmy, S Dharmalingam, J Jayakumar - IOP Conference Series: Materials Science and Engineering, 2017.

6. Performance analysis of lithium polymer battery and super capacitor, VM Dileepan, KT Madhavan, J Jayakumar – International Conference on Energy, Communication, Data Analytics and Soft Computing (ICECDS), 2017.

7. Power generation enhancement with hybrid thermoelectric generator using biomass waste heat energy, AA Angeline, J Jayakumar, LG Asirvatham, JJ Marshal, S Wongwises - Experimental Thermal and Fluid Science, 2017.

8. Performance analysis of (Bi2Te3-PbTe) hybrid thermoelectric generator, AA Anitha, J Jayakumar, LG Asirvatham - International Journal of Power Electronics and Drive Systems, 2017.

9. Design of Open Content Social Learning based on the Activities of Learner and Similar Learners, B John, J Jayakumar, V Thavavel, M Arumugam, KJ Poornaselvan – International Journal of Distance Education Technologies (IJDET), 2017.

10. Performance analysis of lithium batteries, VM Dileepan, J Jayakumar - 2017 International Conference on Innovations in Electrical, Electronics, Instrumentation and Media Technology (ICEEIMT), 2017.

11. Improvement of adaptive HTTP streaming using advanced real-time rate adaptation, S Kesavan, J Jayakumar - Computers & Electrical Engineering, 2017.

12. Torque modeling of switched reluctance motor using LSSVM-DE, SS Kumar, J Jayakumar - Neurocomputing, 2016.

13. Analysis of ($Bi_2 Te_3$-PbTe) hybrid thermoelectric generator for effective power generation, J Jayakumar - 2015 International Conference on Innovations in Information, Embedded and Communication Systems (ICIIECS), 2015.

14. Dynamic adaptive streaming over HTTP (DASH)-comprehensive study and rate adaptation performance analysis, S Kesavan, J Jayakumar - International Journal of Soft Computing, 2015.

15. Invesitigations on regular generalized b closed set in topological spaces, K Mariappa – 2015.

16. Modelling and control of MIMO gasifier system during coal quality variations, XA Mary, L Sivakumar, J Jayakumar - International Journal of Modelling, Identification and Control, 2015.

17. Directional Gaussian filter with variable filtering strength and variable window size for deblocking digital images, S Chacko, J Jayakumar - International Journal of Information and Communication Technology, 2015.