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SMART GRID

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TITLE	CITED BY	YEAR
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 33, 53-60	4	2019
Power generation from combusted “syngas” using hybrid thermoelectric generator and forecasting the performance with ann technique AA Angeline Journal of Thermal Engineering 4 (4), 2149-2168	4	2018
Effective client-driven three-level rate adaptation (TLRA) approach for adaptive HTTP streaming S Kesavan, J Jayakumar Multimedia Tools and Applications 77 (7), 8081-8114	6	2018
On pgb-Connectedness and pgb-Compactness in Topological Spaces S Sekar, R Brindha School of Mathematics Northwest University Xi'an, Shaanxi, China 13 (1), 12-18	1	2018
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 247 (1), 012005		2017
Performance analysis of lithium polymer battery and super capacitor VM Dileepan, KT Madhavan, J Jayakumar 2017 International Conference on Energy, Communication, Data Analytics and ...	1	2017
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 85, 1-12	24	2017
Performance analysis of (Bi₂Te₃-PbTe) hybrid thermoelectric generator AA Anitha, J Jayakumar, LG Asirvatham International Journal of Power Electronics and Drive Systems 8 (2), 917	8	2017
Performance analysis of (Bi₂Te₃-PbTe) hybrid thermoelectric generator AA Anitha, J Jayakumar, LG Asirvatham International Journal of Power Electronics and Drive Systems 8 (2), 917	8	2017
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) 15 (2), 62-85		2017
Performance analysis of lithium batteries VM Dileepan, J Jayakumar 2017 International Conference on Innovations in Electrical, Electronics ...	1	2017

TITLE	CITED BY	YEAR
Improvement of adaptive HTTP streaming using advanced real-time rate adaptation S Kesavan, J Jayakumar Computers & Electrical Engineering 58, 49-66	6	2017
Torque modeling of switched reluctance motor using LSSVM-DE SS Kumar, J Jayakumar Neurocomputing 211, 117-128	14	2016
Analysis of (Bi₂Te₃-PbTe) hybrid thermoelectric generator for effective power generation J Jayakumar 2015 International Conference on Innovations in Information, Embedded and ...	4	2015
Dynamic adaptive streaming over HTTP (DASH)-comprehensive study and rate adaptation performance analysis S Kesavan, J Jayakumar International Journal of Soft Computing 10 (4), 261-273	5	2015
investigations on regular generalized b closed set in topological spaces K Mariappa Salem	2	2015
Modelling and control of MIMO gasifier system during coal quality variations XA Mary, L Sivakumar, J Jayakumar International Journal of Modelling, Identification and Control 23 (2), 131-139	10	2015
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 7 (4-5 ...	3	2015
FPGA implementation of AES algorithm for high throughput using folded parallel architecture K Rahimunnisa, P Karthigaikumar, S Rasheed, J Jayakumar, ... Security and Communication Networks 7 (11), 2225-2236	34	2014
Design of PID filter controller with genetic algorithm for MIMO system in modern power generation AX Mary, L Sivakumar, J Jayakumar Modern Applied Science 8 (5), 186	6	2014