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Publications List

S. No.	Name of the Author	Title of the paper	Name of the Journal Publications	Publication Year
1.	S Gomathi, S U Prabha G Sureshkumar	Photovoltaic Powered Induction Motor Drive Using a High Efficient Soft Switched Sazz Converter	2020 6th International Conference on Advanced Computing and Communication Systems (ICACCS)	2020
2.	K Hari Prasad S U Prabha M Karthik	PV Based Single Input Dual Output DC-DC Converter By Using Fuzzy Logic Control	Journal of Critical Reviews	2020
3.	K Mahendran S U Prabha	Optimal control strategies for a hybrid renewable energy system: an ALANN/RNN technique	Springer Berlin Heidelberg, Soft Computing (2019) 23:13459–13475	2019
4.	R Reshmi RA Saranya S Vishakha S U Prabha S Ashokan	Sudden Infant Death Syndrome Detection and prevention using Grid Eye Sensor	International Research Journal of Engineering and Technology	2019
5.	R Sureshkumar S U Prabha M Senthil Arumugam	Automatic Fault identification in Grid Connected Photovoltaic System using Neural Network Controller	2019 IEEE International Conference on Computational Intelligence and Knowledge Economy (ICCIKE)	2019
6.	T Shanthi SV Anushree S U Prabha D Rajalakshmi	DAC to monitor solar powered home appliances and usage control using Bluetooth enabled mobile application and IoT	2017 IEEE International Conference on Innovations in Information, Embedded and Communication Systems (ICIIECS)	2017

7.	K Rajalashmi S U Prabha	A hybrid algorithm for multiobjective optimal power flow problem using particle swarm algorithm and enhanced flower pollination algorithm	Asian Journal of Social Sciences & Humanities (AJSSH)	2017
8.	S U Prabha M Srinivasan C Keerthana	Reduction of total harmonic distortion in electronic ballast	2017 IEEE International Conference on Innovations in Electrical, Electronics, Instrumentation and Media Technology (ICEEIMT)	2017
9.	Mahendran S U Prabha	A review of frequency control of hybrid renewable energy system with hybrid control model	International Journal of Intellectual Advancements and Research in Engineering Computations	2017
10.	SV Anushree T Shanthi S U Prabha D Rajalakshmi	Data acquisition system to detect partial earth fault tampering and to monitor energy usage using smart energy meter	Advances in Natural and Applied Sciences	2017
11.	S K Janarthanan, S U Prabha	Generalized Design of Transformer Less Photovoltaic Inverter for Elimination of Leakage Current and Pulsating Power in Grid Connected System	International Journal of Scientific Research in Science, Engineering and Technology	2017
12.	K Rajalashmi, S U Prabha	Hybrid Swarm Algorithm for Multiobjective Optimal Power Flow Problem	Scientific Research Publishers, <i>Circuits and Systems</i> , 7, 3589-3603	2016
13.	Mahendran Krishnamoorthy S U Prabha	Hybrid voltage control model for hybrid renewable energy system using artificial bees colony algorithm	Scientific Research Publishers, <i>Circuits and Systems</i> , 7, 2795-2806	2016
14.	K Mahendran S U Prabha	An Experimental investigation on implementation of advanced cascaded multilevel inverter for Renewable Energy applications	International Journal of Innovations in Engineering and Technology (IJIET)	2016
15.	K Mahendran S U Prabha	Power Stability of Novel Converters using Stochastic Pattern Controller for Hybrid Renewable Energy Applications	Asian Journal of Research in Social Sciences and Humanities	2016

16.	K Rajalashmi S U Prabha	Modified Flower Pollination Algorithms for Multiobjective Optimal Power Flow Problem	Journal of Computational and Theoretical Nanoscience	2016
17.	P. M. Balasubramaniam S U Prabha	Power quality issues, solutions and standards: A technology review	Journal of Applied Science and Engineering, Vol. 18, No. 4, pp. 371-380.	2015
18.	PM Balasubramaniam, S U Prabha	A Certain Investigation on Harmonic Reduction and Design of Fuzzy Gain Scheduler for Shunt Compensation for Power Quality Enhancement	Journal of Testing and Evaluation	2015
19.	S Kannan, S Chinnaiya, S U Prabha	Torque ripple minimization of Matrix Converter-fed PMSM drives using Model Predictive Torque Control	2015 IEEE 9th International Conference on Intelligent Systems and Control (ISCO)	2015
20.	K Rajalashmi, S U Prabha	Investigation of Multi-Objective Optimal Power Flow Problem in Power System	i-Manager's Journal on Power Systems Engineering	2015
21.	Preethi Thekkath S U Prabha	Adaptive Modified Hysteresis Current Control for Switching Loss Reduction in Photovoltaic-Fed Dual-Function Grid-Connected Inverters	Springer, New Delhi, Artificial Intelligence and Evolutionary Algorithms in Engineering Systems	2015
22.	PM Balasubramaniam, S U Prabha	Performance comparison of AI controllers for DC link voltage of SAPF system for power quality enhancements	Springer, New Delhi, Power Electronics and Renewable Energy Systems	2015