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LAST 5 YEARS PUBLICATIONS

S.no	Title of the Publication	Authors	Published in	Year/Volume/Issue Page no/Publisher
1	Analysis of harmonics using wavelet technique	K Thangaraj, NP Subramaniam, R Narmada, Mageswari M Oma	International Journal of Electrical and Computer Engineering	2019/8/3/1669/ IAES Institute of Advanced Engineering and Science
2	Z-Source Multilevel Inverter based AFLC PV System	D Balaji, R Goutham Govind Raju, NP Subramaniam	IEEE International Conference on System, Computation, Automation and Networking (ICSCAN)	2019/1-6/IEEE
3	Harmonic Intensity Reduction Technique for Three Phase VSI Drive through Double Randomness	P Arulkumar, K Jaiganesh, NP Subramaniam	International Conference on Artificial Intelligence, Smart Grid and Smart City Applications	2019/163-172/ Springer, Cham
4	Comparative analysis of intelligent controller based microgrid integration of hybrid PV/wind power system	T Hemanand, NP Subramaniam, M Venkateshkumar	Journal of Ambient Intelligence and Humanized Computing	2018/1-20/ Springer Berlin Heidelberg
5	High performance angiogram sequence compression using 2D bi-orthogonal multi wavelet	T Somassoundaram, NP Subramaniam	Biomedical Research	2018/Special IssueS1-S7/Biomedical

	and hybrid speck-deflate algorithm			Research
6	Photovoltaic based DVR with power quality detection using wavelet transform	D Divyalakshmi, NP Subramaniam	Energy Procedia	2017/117/458-465/ Elsevier
7	A standalone hybrid power generation system	C Kalaivani, D Divyalakshmi, NP Subramaniam	International Conference on Computation of Power, Energy Information and Commuincation (ICCPEIC)	2017/800-806/IEEE
8	Modelling and Simulation of HVAC Transmission Lines by Using HVDC Conversion	M Raju, NP Subramaniam	Journal of Computational and Theoretical Nanoscience	2017/14/3/1465- 1472/
9	Design of Hybrid Photovoltaic/Wind Integration of Microgrid Using Intelligent Controller	T Hemanand, NP Subramaniam	Journal of Computational and Theoretical Nanoscience	2017/14/3/1589- 1598/ American Scientific Publishers
10	Detection and Categorization of Disturbances Using Multi Resolution Approximation and Soft Computing Techniques	V Thiagarajan, NP Subramaniam	Journal of Computational and Theoretical Nanoscience	2016/13/11/8730- 8741/ American Scientific Publishers
11	Improved Sheep Flock Heredity Algorithm based fault detection and localization in power transmission lines	NP Subramaniam, C Prasath	2016 International Conference on Circuit, Power and Computing Technologies (ICCPCT)	2016/1-6/IEEE
12	EAM: architecting efficient authentication model for internet security using image-based one time password technique	A Jesudoss, NP Subramaniam	Indian Journal of Science and Technology	2016/9/7/1-6/ American Scientific Publishers

13	Securing cloud-based healthcare information systems using enhanced password-based authentication scheme	A Jesudoss, NP Subramaniam	Asian Journal of Information Technology	2016/15/14/2457-2463
14	High capacity image steganography using secret key for medical information	T Somassoundaram, NP Subramaniam	Indian Journal of Science and Technology	2016/9/3/1-5
15	Wavelet approach and support vector networks based power quality events recognition and categorisation	V Thiagarajan, NP Subramaniam	International Conference on Signal Processing, Communication, Power and Embedded System (SCOPEs)	2016/1667-1671 /IEEE
16	Comparative study on disc insulators deployed in EHV AC and HVDC transmission lines	M Raju, NP Subramaniam	International Conference on Circuit, Power and Computing Technologies (ICCPCT)	2016/1-4/IEEE
17	Analysis and estimation of harmonics using wavelet technique	V Thiagarajan, NP Subramaniam	TELKOMNIKA Indonesian Journal of Electrical Engineering	2015/13/2/305-313
18	Chaotic Triangular Carrier Based Non	P Arul Kumar, NP Subramaniam	Indian Journal of Science and Technology	2015/8/9/842-848
19	Power transfer enhancement of existing EHVAC transmission line with HVDC conversion- Indian scenario	M Raju, NP Subramaniam	ARNP Journal of Engineering and Applied Sciences	2015/10/2/854-858
20	Design, Analysis, Simulation Study and Corroboration of Classical Controller for a Negative Output KY Boost	S Senthamil Selvan, R Bensraj,	International Journal of Applied Engineering	2015/10/51/485-494

	Converter	K Ramash Kumar, NP Subramaniam	Research	
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