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(An Autonomous Institution)

St. Joseph's Group of Institutions

Jeppiaar Educational Trust

OMR, Chennai - 119.



JAN TO DEC 2021 WOS PUBLICATIONS

JAN TO MAY 2021- WOS PUBLICATIONS (COUNT =6)

WOS: 18 SCOPUS : 8

S.No	Author(s)	Article title	Journal name	Journal ISSN No	Year & Month	Vol no.	Page no	DOI	Database (Web of Science/ Scopus/ SCI indexed/ SCI expanded/ UGC)
1.	Anbarasan P. Krishnakumar V	A new three-phase multilevel DC-link inverter topology with reduced switch count for photovoltaic applications	Circuit World	publishe d	May 2021	Volume-47, Issue-2,	173-183	https://doi.org/10.1108/CW-12-2019-0200	SCI/WOS/scopus
2.	C. Venkatesh Kumar M. Ramesh Babu	A novel hybrid grey wolf optimization algorithm and artificial neural network technique for stochastic unit commitment problem with uncertainty of wind power	Transaction s of the Institute of Measureme nt and Control		Apr-21		1-21	https://doi.org/10.1177/02201423312211001987	SCIE/WOS/ Scopus
3.	P. Pravina . M. Ramesh Ba bu A. Ramesh Kumar	Solving Optimal Power Flow Problems Using Adaptive Quasi-Oppositional Diferential Migrated Biogeography-Based Optimization	Journal of Electrical Engineerin g & Technolog y		Apr-21			https://doi.org/10.1007/s42835-021-00739-z	SCIE/WOS/ Scopus

4.	R Anand, L Padmasuresh, P Muthukumar, P Sreeja, V Krishnakumar, MV Ramesh	Harmonics control of three phase voltage source inverter with random carriers and modified reference	The International journal of Electrical Engineering and Education		Apr-21			https://doi.org/10.1177/0921996599	SCIE/WOS/scopus
5.	Ramachandra Reddy Konda, Narmadha Thirunavvukkarasu, Velayudham, Ramesh Venkatesan	Performance analysis of coherent free-space optics transmission link using in-phase quadrature modulator-based polarization multiplexed-256-quadrature amplitude modulation	Transactions on Emerging Telecommunications Technologies		Apr-21			https://doi.org/10.1002/ett.4262	SCI/WOS/scopus
6.	Indira Damarla and Venmathi Mahendran	Performance enhancement of switched reluctance motor drive using front-end converter	Circuit world		May 2021			[DOI 10.1108/CW-08-2020-0182]	WOS/scopus
S.No	Author(s)	Article title	Journal name	Journal ISSN No	Year & Month	Vol no.	Page no	DOI	Database (Web of Science/ Scopus/ SCI indexed/ SCI expanded/ UGC)
1	Jamna A, Jayarama pradeep, Jamuna V	Comparative analysis of voltage controllers for a single stage AC-AC converter for Aircraft Ground power unit application	Elsevier: Materials Today: Proceedings	2214-7853	June 2021	45/PART-2	2381-2390	https://doi.org/10.1016/j.matpr.2020.10.731	WOS/scopus

2.	Velmurugan P, Vasanprabhu V, Sridharan S, Krishnakumar V	IH ² OA based on intelligent power flow management of HRES in smart grid	International Journal of Energy Research		June-21				WOS/scopus
3.	V.Chamundeesw ari, R.Niraimathi,M. Shanthi, Mahaboob Subahani	Integration of renewable energy sources with smart grid	Scrivener, Wiley	9781119 751885	Aug 2021	e-book	1-384	9781119751 885	WOS/scopus
4.	Jayarama Pradeep, A. Jamna & Ramakrishnann Sasikumar	Low-Cost Voice- Controlled Prosthetic Arm with Five Degrees of Freedom	IETE Journal of Research		Aug 2021		1-6	To link to this article: https://doi.org/10.1080/03772063.2021.1958069	WOS/scopus
5.	Dr.T.V.Narmadh a(3 rd author)	A Methodical and Intuitive Image Classifier for Trash Categorization Based On Deep Learning	International Journal of Modern Agriculture		Aug 2021	10/2	4638 - 4652	https://drive.google.com/u/0/open?usp=forms_web&id=1M3kX2SpRifLGGDuAMd4GnWNnqnXLqDAk	WOS
6.	M. Sumitha1, Dr. T.V.Narmadha2	Commutation Failure In Converters - A Survey	International Journal of Modern Agriculture	ISSN: 2305- 7246	sEP 2021	Volume 10, No.2,	4721- 4728		WOS

7.	T.V.Narmadha, M.Evanjalin Maria Florida, J. Kavitha	Comparison of Cuckoo Search Algorithm and Perturb & Observe Algorithm in Positive Elementary Superlift Luo Converter for Motor Drive Application”	International Journal of Modern Agriculture	, 2021 ISSN: 2305- 7246	nov2021	Volume 10, No.2			WOS
8.	Damarla Indira & Mahendran Venmathi	Comparative Assessment of Converter Topologies for Switched Reluctance Motor Drives	IETE Journal of Research	Publishe d online: 21	Sep 2021.	: https://doi.org/10.1080/03772063.2021.1977187	1-19		WOS/scopus
9	Mr.H.Prasad, sudhakar	Big data analytics using R for offline voltage prediction in an electric power system	Big data analytics and intelligent techniques for smart cities Book chapter ,Big data analytics and	CRC Press,pu blished online	oct 2021		27-46		WOS/Scopus
10.	Ramachandra reddy Konda,Narmadh a T V,Ramesh ponukara govinda samyvenkatesan	Performance study of randomly coupled erbium-doped fiber amplifier using machine learning	Optical engineering	July 2021	Vol 60(7)		76101-1 to 17		WOS
11.	Swathish G, Dr.V.Chamunde eswari, Surya M,	Automated home for elderly people with high end safety encryption	Vidhyabharathi International Interdisciplinary Research Journal	ISSN 2319- 4979	Oct 2021		Pp2980- 2984		WOS

12.	M. Anitha · P. Somasundaram · S. Balaji · S. Swetha	Optimal Scheduling of Directional Sensors with QoS Constraints to Enhance the Lifetime	Wireless Personal Communications, Springer	Online published https://doi.org/10.1007/s11277-021-09381-4	Nov 2021					WOS/Scopus
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INTERNATIONAL CONFERENCE							
S.NO	NAME WITH COAUTHORS	MONTH & YEAR	TITLE	NAME OF THE CONFERENCE	VENUE	published	SCOPUS/WOS
1.	V.Krishnakumar, P.Anbarasan, Jayarama pradeep, M.Vijayaraghavan	25-27 March 2021	Modified Dual Input Dual Output DC-DC converter for Bladeless wind energy harvesting System	12th International Symposium on Advanced Topics in Electrical Engineering (ATEE)	Bucharest, Romania	IEEE Xplore	SCOPUS
2.	P.Anbarasan, V.Krishnakumar, M.Venmathi	11-13 Feb. 2021	Modeling and Simulation of Standalone PMSG based Wind Energy Conversion System with Common Mode Voltage Suppression	2021 7th International Conference on Electrical Energy Systems (ICEES)	Chennai, India	IEEE Xplore	SCOPUS
3.	N.Jeyaprakash, Dr.T.D.Sudhakar	11-13 Feb. 2021	Comparative Study Of PI and Fuzzy Controller For Self-Lift Cuk Converter	2021 7th International Conference on Electrical Energy Systems (ICEES)	Chennai, India	IEEE Xplore	SCOPUS

4.	S.Sri Hari, R.Rahul, H.Umesh Prabhu, V.Balasubramanian	11-13 Feb. 2021	Android Application Controlled Water Trash Bot using Internet of Things	2021 7th International Conference on Electrical Energy Systems (ICEES)	Chennai, India	IEEE Xplore	SCOPUS
5.	H.Umesh Prabhu, M.Ramesh Babu	11-13 Feb. 2021	Performance study of MPPT Algorithms of DC-DC Boost converter for PV cell Applications	2021 7th International Conference on Electrical Energy Systems (ICEES)	Chennai, India	IEEE Xplore	SCOPUS
6.	MS Kumaran; Jayarama Pradeep; R Hounandan; B Prahatheesh	25-27 March 2021	Smart LPG Cylinder Monitoring and Explosion Management System	2021 12th International Symposium on Advanced Topics in Electrical Engineering (ATEE)	Bucharest, Romania	IEEE Xplore	SCOPUS
7.	Dr.T.D.Sudhakar	6th and 7th May, 2021	Solar power based positive output super lift converter using fuzzy logic controller	International Conference on Innovations in Electronics and Communication Systems (ICIECS 2021)	Chennai	IEEE Xplore	SCOPUS
8.	Jayarama Pradeep,Koushik G	Jan 28-29 2021	Autonomous micro rover for multipurpose application	Materials, manufacturing, robotics, automation, artificial intelligence and networking for industry 5.0	Excell Engineerin g College		SCOPUS