

Serial No	Author	Title	Journal Name	Volume	Page Number	Date of Publication	IF	doi	ISSN	SCI/SCIE/SCOPUS	Journal (Open Access/Regular)	Publisher	Link of webpage
1	Nada ali, Deepak Kumar	Virtual Inertia Based SVPN Sequence Control Scheme for Voltage Unbalance Mitigation in Coordination with DSM on a Stand Alone Microgrid	Electric Power Components and Systems, Taylor & Francis	Online	1-21	05-12-2023	1.276	https://doi.org/10.1080/15325008.2023.2288703	1532-5016	SCIE	Regular	Taylor & Francis	https://www.tandfonline.com/doi/full/10.1080/15325008.2023.2288703
2	Abdullah Umar, Deepak Kumar, Tirthadip Ghose	A Decentralized Energy Management System Inculcating Supply Demand Ratio (SDR) and Miners' Stake through Blockchain Smart Contract for Community Microgrid Operation	IEEE Journal of Emerging and Selected Topics in Industrial Electronics	Early Access			5.5	doi: 10.1109/JESTIE.2023.3327049	2687-9743	SCIE	Regular	IEEE	https://ieeexplore.ieee.org/document/10292851
3	Rani Kumari, Bhukya K. Naick, Debomita Ghosh	Reliability Assessment of Distribution System Using Petri Net for Enhancement of Situational Awareness	Electric Power Systems Research	224	1-15	01-11-2023	3.9	https://doi.org/10.1016/j.epsr.2023.109739	0378-7796	SCIE	Regular	Elsevier	https://www.sciencedirect.com/science/article/abs/pii/S0378779623006284?via%3Dihub

4	Ayyagari Sai Lalitha, Sarbani Chakraborty, Sarode Shiva Kumar	An efficient soft switching synchronous buck converter for battery charging application in hybrid electric vehicle architecture	International Journal of Circuit Theory and Applications	51	5154-5172	23-11-2024	2.3	https://doi.org/10.1002/cta.3698	1097-007X	SCIE	Regular	John Wiley & Sons Ltd.	https://onlinelibrary.wiley.com/journal/1097007x
5	Subrat Kumar Swain, Jagat Jyoti Rath, Kalyana C. Veluvolu	Cooperative Game Theory based robust shared lateral control for Driver Vehicle Interactions	Control Engineering Practice	141	105678	02-12-2023	4.9	10.1016/j.conengprac.2023.105678	0967-0661	SCIE	Regular	Elsevier	https://www.sciencedirect.com/science/article/abs/pii/S0967066123002472
6	Sudhansu Kumar Mishra, Vikash Kumar Gupta, Rohit Kumar, Subrat Kumar Swain, Dusmanta Kumar Mohanta	Multi-objective Optimization of Economic Emission Load Dispatch Incorporating Load Forecasting and Solar Photovoltaic Sources for Carbon Neutrality Electric Power Systems Research	Electric Power Systems Research	223	1-15	10-01-2023	3.9	10.1016/j.epsr.2023.109700	0378-7796	SCIE	Regular	Elsevier	https://www.sciencedirect.com/science/article/pii/S0378779623005898

7	Rohit Kumar, Sudhansu Kumar Mishra, Dushmantha Kumar Mohanta	Reliability and economics evaluation for generation expansion planning incorporating variability in wind energy sources	Electric Power Systems Research	224	1-18	11-01-2023	3.9	10.1016/j.epsr.2023.109720	0378-7796	SCIE	Regular	Elsevier	https://www.sciencedirect.com/science/article/pii/S0378779623006090
8	Vijay Kumar Karan, Shashank Shekhar, Aftab Alam & Amarnath Thakur	Elimination of torque ripples by multiple slope ST-DTC vectors in PM-BLDC drive	Electrical Engineering	105	10-1	16-12-2023	1.8	https://doi.org/10.1007/s00202-023-02155-0	1432-0487	SCIE	Regular	Springer	https://link.springer.com/article/10.1007/s00202-023-02155-0
9	Priya Dubey, Surendra Kumar	Advancing prostate cancer detection: a comparative analysis of PCLDA-SVM and PCLDA-KNN classifiers for enhanced diagnostic accuracy	Scientific Reports	13	13745	23-08-2023		https://doi.org/10.1038/s41598-023-40906-y	2045-2322	SCIE	open Access	Springer	https://www.nature.com/articles/s41598-023-40906-y
10	Parul Priya, Sushma S. Kamlu	Unmanned Aerial System Trajectory Tracking Based on Diversified Grey Wolf Optimization Algorithm	IEEE Access	11	145975-145988	25-12-2023	3.476	10.1109/ACCESS.2023.3346681	2169-3536	SCIE	Open Access	IEEE	https://ieeexplore.ieee.org/document/10373006

11	Nada Ali, Deepak Kumar	Real-time validation of RoCoF – Enhancing advanced coordinated control strategy for voltage unbalance mitigation implementing demand side management	Electric Power Systems Research	299	110100	01-04-2024	https://doi.org/10.1016/j.epsr.2023.110100	0378-7796	SCIE	Regular	Elsevier	https://www.sciencedirect.com/science/article/abs/pii/S0378779623009872
12	Priya Dubey, Surendra Kumar, Subhendu Kumar Behera, Sudhansu Kumar Mishra	A Takagi-Sugeno Fuzzy Controller for Minimizing Cancer Cells with Application to Androgen Deprivation Therapy	Healthcare Analytics	4	100277	01-09-2023	https://doi.org/10.1016/j.health.2023.100277	2772-4425	SCOPUS	Regular	Elsevier	https://www.sciencedirect.com/science/article/pii/S2772442523001442
13	Vikash Kumar Gupta, Rohit Babu, Sudhansu Kumar Mishra, Alok Kumar Singh	Solution of reactive power planning with TCSC and UPFC using improved krill herd algorithm	Transactions of the Indian National Academy of Engineering	9	87-99	02-11-2023	https://doi.org/10.1007/s41403-023-00428-5	2662-5415	SCOPUS	Regular	Springer	https://doi.org/10.1007/s41403-023-00428-5
14	Vikash Kumar Gupta, Sudhansu Kumar Mishra, Rohit Babu,	FACTS placement for reactive power planning with weak node constraints using an improved symbiotic search algorithm	Transactions on Energy Systems and Engineering Applications	4	1-18	Dec.2023	https://doi.org/10.32397/tesea.vol4.n2.524	2745-0120	SCOPUS	Regular	Universidad Tecnológica de Bolívar	https://revistas.utb.edu.co/tesea/article/view/524