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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

JOURNAL PUBLICATIONS

ACADEMIC YEAR 2023-2024

S.No	AUTHORS	PAPER TITLE	JOURNAL NAME	INDEXED (UGC CARE/ SCOPUS/ WOS)	LINK
1.	Selvi.S, et.,al.,	Power quality improvement for industrial drives using FPGA controller-based SSD algorithm	Multiscale and Multidisciplinary Modeling, Experiments and Design	SCOPUS	https://www.scopus.com/authid/detail.uri?authorId=56585603500



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2.	Selvi S, , et.,al.,	An Automated Lion Butterfly Optimization(LBO) based Stacking Ensemble Learning Classification(SELC) model for Lung Cancer Detection	Iraqi Journal for Computer Science and Mathematics	SCOPUS	https://www.scopus.com/authid/detail.uri?authorId=56585603500
3.	S. Selvi, et.,al.,	Detection of Soiling on PV Module using Deep Learning	SSRG International Journal of Electrical and Electronics Engineering	SCOPUS	https://www.scopus.com/authid/detail.uri?authorId=56585603500
4.	Selvi, S, et.,al.,	Detection and Segmentation of Meningioma Brain Tumors in MRI brain Images using Curvelet Transform and ANFIS	International Journal of Electrical and Electronics Research	SCOPUS	https://www.scopus.com/authid/detail.uri?authorId=56585603500



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5.	S. Selvi, et.,al.,	Enhancing the reliability of intelligent transport system based on vanet optimal clustering using grasshopper optimization algorithm	Journal of the Balkan Tribological Association	SCOPUS	https://scibulcom.net/en/article/wtp6avBhf4scLkTWailA
6.	Selvi S, et.,al.,	Mitigation of impact of Incorporating charging station for electric vehicle using solar based renewable DG on the electric distribution system.	Recent Advances in Electrical & Electronic Engineering	SCOPUS	https://www.scopus.com/authid/detail.uri?authorId=56585603500
7.	S. Selvi, et.,al.,	Naïve Bayesian Classification Based Glioma Brain Tumor Segmentation Using Grey Level Co-	International Journal on Recent and Innovation Trends in Computing and	SCOPUS	https://www.scopus.com/authid/detail.uri?authorId=56585603500



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		occurrence Matrix Method	Communication		
8.	Silas Stephen, et.,al.,	Hybrid method based Energy management of electric vehicle using battery super capacitor energy storage	Journal of Energy Storage	WOS	https://www.scopus.com/authid/detail.uri?authorId=55195682400
9.	D Silas Stephen, et.,al.,	Implementation of Impedance type Multimode Tandem Photovoltaic DC Booster Converter for Electric Vehicles	International Journal of Vehicle Structure & Systems	SCOPUS	https://www.scopus.com/authid/detail.uri?authorId=55195682400



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10.	P.S.RAMAPRABA , et.,al.,	Optimization of Solar Panel Deployment Using Machine Learning	International Journal of Photoenergy	WOS	https://www.scopus.com/authid/detail.uri?authorId=55353551600
11.	P.S.RAMAPRABA , et.,al.,	Auxiliary Classifier of Generative Adversarial Network for Lung Cancer Diagnosis	Intelligent Automation & Soft Computing	WOS	https://www.scopus.com/authid/detail.uri?authorId=55353551600
12.	P.S.RAMAPRABA , et.,al.,	An efficient Health care system by loud computing and clustering based Hybrid machine learning algorithm	Indonesian Journal Of Electrical Engineering And Computer Science	SCOPUS	https://www.scopus.com/authid/detail.uri?authorId=55353551600



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13.	Ramapraba, P.S, et.,al.,	A Customized ConvNeXt-XL Network with Fusion of Deep and Handcrafted Features for Colposcopy Image Classification	International Journal of Imaging System Technology	WOS	https://www.scopus.com/authid/detail.uri?authorId=55353551600
14.	Dharmaprakash R , et.,al.,	Independent swarm grid vehicle charging by a logical DC-DC converter with hybrid boundary conduction mode	Indonesian Journal of Electrical Engineering and Computer Science	SCOPUS	https://www.scopus.com/authid/detail.uri?authorId=58565953200
15.	Dharmaprakash, R, et.,al.,	A Symmetric Multi- Level Cascaded H- Bridge Inverter for Renewable Energy Integration	International Journal of Electrical and Electronics Research	SCOPUS	https://www.scopus.com/authid/detail.uri?authorId=58565953200



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16.	Dharmaprakash R, , et.,al.,	Performance investigations of five-level reduced switches count H-bridge multilevel inverter	Electrical Engineering & Electromechanics,	SCOPUS	https://www.scopus.com/authid/detail.uri?authorId=58565953200
17.	R. Dharmaprakash, et.,al.,	Predictive Modeling of Power System Contingencies with SVMs and FACTS Devices for Enhanced Stability	SSRG International Journal of Electronics and Communication Engineering,	SCOPUS	https://www.scopus.com/authid/detail.uri?authorId=58565953200
18.	Dharmaprakash, R, et.,al.,	Predictive Modeling of Energy Consumption in the Steel Industry Using CatBoost Regression: A Data-Driven Approach for Sustainable Energy	International Journal of Robotics and Control Systems	SCOPUS	https://www.scopus.com/authid/detail.uri?authorId=58565953200



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		Management			
19.	Dharmaprakash, ,et.,al.,	An Integrated Economic and Emissions Dispatch Problem using the Sparrow Search Algorithm	SSRG International Journal of Electronics and Communication Engineering,	SCOPUS	https://www.scopus.com/authid/detail.uri?authorId=58565953200
20.	Dr.S.Deepa, et.,al.,	IMPLEMENTATION OF DEEP CNN MODEL FOR THE DETECTION OF PLANT LEAF DISEASE	International Journal on Recent and Innovation Trends in Computing and Communication	SCOPUS	https://ijritcc.org/index.php/ijritcc/article/view/7457



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21.	Dr.S.Deepa , et.,al.,	Dual axis solar tracking system for Agriculture Applications using Machine Learning	International Journal of Power Electronics and Drive System (IJPEDS)	SCOPUS	https://www.scopus.com/authid/detail.uri?authorId=6603408219
22.	Manoj Kumar N, et.,al.,	Deisgn of Automatic Stator Winding Connection of Induction generator for wind energy conversion systems	Multiscale and Multidisciplinary Modeling, Experiments and Design	SCOPUS	https://www.scopus.com/authid/detail.uri?authorId=56127144300
23.	Manoj Kumar, N, et.,al.,	Optimal location for an EVPL and capacitors in grid for voltage profile and power loss: FHO-SNN approach	Expert Systems with Applications	WOS	https://www.scopus.com/authid/detail.uri?authorId=56127144300



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24.	Manoj Kumar N, et.,al.,	An Intelligent Prairie Dog Optimization (IPDO) and Deep Auto-Neural Network (DANN) based IDS for WSN Security	Iraqi Journal for Computer Science and Mathematics	SCOPUS	https://www.scopus.com/authid/detail.uri?authorId=56127144300
25.	Lavanya Dhanesh, et.,al.,	Stability and Reliability Analysis for Multiple WT Using Deep Reinforcement Learning	Electric Power Components and Systems	WOS	https://www.scopus.com/authid/detail.uri?authorId=56595199100
26.	Lavanya Dhanesh, et.,al.,	Design of Covid19 Disease Detection for Risk Identification using Deep Learning Approach	Journal Of Advanced Research in Applied sciences and Engineering Technology (JARASET)	SCOPUS	https://semarakilmu.com.my/journals/index.php/applied_sciences_eng_tech/article/view/2687



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27.	Sivakumar Arunachalam, et.,al.,	Impact of air pollutants on climate change and prediction of air quality index using machine learning models	International Journal of Environmental Research	SCOPUS	https://www.scopus.com/authid/detail.uri?authorId=57784786600
28.	P. Hariramakrishnan, et.,al.,	Micro-Grid Renewable Energy Integration and Operational Optimization for Smart Grid Applications Using a Deep Learning	Electric Power Components and Systems	SCOPUS	https://www.scopus.com/authid/detail.uri?authorId=57208635674
29.	G. Merlin Suba, et.,al.,	Gilona Tumor Segmentation from Multi Model Mri image Using Deep Residual and	International Journal of intelligent systems and applications in engineering	SCOPUS	https://ijisae.org/index.php/IJISAE/article/view/5317/4043



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		Inception U-Nets			
30.	G.Merlin Suba, et.,al.,	Advanced Wearable Health Monitoring System with Multi-Sensor Data and Secured Data Management with Blockchain technology	International Journal of intelligent systems and applications in engineering	SCOPUS	https://ijisae.org/index.php/IJISAE/article/view/5305/4032
31.	G.Merlin Suba, et.,al.,	A naïve Bayes Approach for Improving Heart Disease detection on Health care Monitoring though IOT and WSN	International Journal of intelligent systems and applications in engineering	SCOPUS	https://ijisae.org/index.php/IJISAE/article/view/3655/2272



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32.	Devaraj, V, et.,al.,	Digital Hash Data Encryption for IoT Financial Transactions using Block chain Security in the Cloud	International Journal on Recent and Innovation Trends in Computing and Communication,	SCOPUS	https://ijritcc.org/index.php/ijritcc/article/view/6316/5764
33.	Devaraj V, et.,al.,	Improving Plant Disease using Super Resolution Generative Adversial Networks and Enhanced Dataset Diversity	Journal of Advanced Research in Applied Sciences and Engineering Technology (JARASET)	SCOPUS	https://www.scopus.com/authid/detail.uri?authorId=57961628600
34.	Devaraj V, et.,al.,	Battery-Based Energy Storage and Solar Technologies Integrated for Power Matching and Quality Improvement Using	Electric Power Components and Systems	WOS	https://www.scopus.com/authid/detail.uri?authorId=57961628600



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		Artificial Intelligence			
35.	Padmarasan M, et.,al.,	Analysis of Voltage Source Inverter with Photovoltaic Renewable Energy Source for Improving Power Quality in Solar	International journal of intelligent systems and applications in engineering	SCOPUS	https://ijisae.org/index.php/IJISAE/article/view/4429/3089
36.	Shobana D, et.,al.,	Multiple Level Inverter Scheme for Improved Power Quality of Renewable Energy Solar Panel	International Journal Of Intelligent Systems And Applications In Engineering	SCOPUS	https://ijisae.org/index.php/IJISAE/article/view/3398



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37.	S.LAKSHMI, et.,al.,	A blockchain based federated deep learning model for secured data transmission in healthcare Iot networks	Measurements and Sensors	SCOPUS	https://www.sciencedirect.com/science/article/pii/S2665917424001521
38.	R. J. Vijaya Saraswathi, et.,al.,	Design and Development of an Intelligent Energy Management System for a Smart Grid to Enhance the Power Quality	Energy Engineering	SCOPUS	https://www.techscience.com/energy/v120n8/52968
39.	G.Ponkumar, et.,al.,	Performance Analysis of Autoregressive Integrated Moving Average (ARIMA) and 'earlyR' Statistical Models for Predicting	Trends In Sciences	SCOPUS	https://www.scopus.com/authid/detail.uri?authorId=58511904600



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		Epidemic Outbreaks: A Case Study on COVID-19 Data in India			
40.	N.Karthikeyan,et.,al.,	Investigation on implementing the Swarm Nano Grid System for Effective Utilization of Solar- Powered Agro- Industries	International Journal of Power Electronics and drive System	SCOPUS	https://www.scopus.com/authid/detail.uri?authorId=58131628700
41.	N.Karthikeyan, et.,al.,	Independent Swarm Grid Vehicle Charging by a Logical DC-DC Converter with Hybrid Boundary Conduction Mode	Indonesian Journal of Electrical Engineering and Computer Science	SCOPUS	https://www.scopus.com/authid/detail.uri?authorId=58131628700



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42.	Dinakarn, K.P , et.,al.,	Experimental investigation on micro hardness, surface roughness, and white layer thickness of dry EDM	Engineering Research Express	SCOPUS	https://www.scopus.com/authid/detail.uri?authorId=58175436400
43.	Dinakaran, K.P, et.,al.,	Hybrid approach based combined allocation of electric vehicle charging stations and capacitors in distribution systems	Journal of Energy Storage	SCOPUS	https://www.scopus.com/authid/detail.uri?authorId=58175436400
44.	Dinakaran, K.P, et.,al.,	Formulating an optimization algorithm for optimal planning and assessment of rule-based hybrid load following micro-combined heat and	Energy And Environment	WOS	https://www.scopus.com/authid/detail.uri?authorId=58175436400



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		power systems			
45.	Kirubakaran, et.,al.,	Enhanced Predictive Model for Grid Stability Using Hybrid GBM-LSTM Approach	International Journal of Renewable Energy Research	SCOPUS	https://www.scopus.com/authid/detail.uri?authorId=57741625500
46.	MJ SUGANYA, et.,al.,	Examining The Eco-Friendly Possibilities of Hexabenzocoronene as a component in Field Effect Transistors and Solar Cells in Organic Electronics	Oxidation Communications	SCOPUS	https://scibulcom.net/en/article/5jinZkVoo2mr8G35kS1H



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47.	M.J.SUGANYA, et.,al.,	A Comprehensive Evaluation of Machine Learning Algorithms for Precise Energy Consumption Forecasting in smart homes	International Journal of Power Electronics and drive System	SCOPUS	http://ijpeds.iaescore.com
48.	SAKTHIVEL, R, et.,al.,	Exploring The Environmental Benefits of Utilising Dibenzotetrabenzopor phyrin And Metal Nanoparticles In Organic Solar Cells	Oxidation Communications	SCOPUS	https://scibulcom.net/en/article/ tNiZ2hVjL0XC7r1KtXFW
49.	Ramadass Sakthivel, et.,al.,	Feature Of Sio2 Concentration On solar Thermal Functional Characteristics of Flat	Thermal Science	SCOPUS	https://www.scopus.com/authid/ detail.uri?authorId=57216490515



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		Plate Solar Collector			
50.	S.Amudhapriya et.,al.,	Particle swarm optimization-extreme learning machine model combined with the AdaBoost algorithm for short-term wind power prediction	International Journal of Power Electronics and Drive Systems	SCOPUS	https://www.scopus.com/authid/detail.uri?authorId=57751208400
51.	Pushpa, et., al.,	Smart solar maintenance: IoT-enabled automated cleaning for enhanced photovoltaic efficiency	Indonesian Journal of Electrical Engineering and Computer Science	SCOPUS	https://ijeecs.iaescore.com/index.php/IJEECS/article/view/35787/18441