Alagarsamy Amudha

List of Publications by Year
in descending order

29 papers	120 citations	2258059 3 h-index	1872680 6 g-index
29 all docs	29 docs citations	29 times ranked	27 citing authors

#	Article	IF	Citations
1	Techno-economic study of hybrid renewable energy system of Metropolitan Cities in India. International Journal of Ambient Energy, 2022, 43, 1408-1412.	2.5	8
2	Arduino based Smart Protection System for Enhanced Power Quality Management. , 2022, , .		0
3	Three Phase AC Induction Voltage Controlled Motor Speed Control. , 2022, , .		0
4	Monitoring Of Industrial Electrical Equipments. , 2022, , .		1
5	Wireless Vehicle Control with Speed Adjustment. , 2022, , .		1
6	Regulation of best site for electric vehicles parking lot (PL) in grid with congestion management: A BCMPO technique. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2022, 44, 3436-3458.	2.3	2
7	Analysis of Several Electromagnetic Band Gap Topologies for Reducing Simultaneous Switching Noise. IEEE Electromagnetic Compatibility Magazine, 2022, 11, 57-71.	0.1	0
8	Noise mitigation in high-speed PCB applications: experimental verification and validation of electromagnetic band gap filters. Journal of Electromagnetic Waves and Applications, 2022, 36, 2320-2340.	1.6	1
9	Design and analysis of modified CUK converter for electric hybrid vehicle. Materials Today: Proceedings, 2021, 45, 1691-1695.	1.8	6
10	Design of Solar Smart Street Light Powered Plug-in Electric Vehicle Charging Station by Using Internet of Things. Journal of the Institution of Engineers (India): Series B, 2021, 102, 477-486.	1.9	8
11	Dual Buck AC-AC Converter with Wind Energy System. , 2021, , .		0
12	Zeta Converter FED BLDC Motor with Power Factor Correction. , 2021, , .		1
13	Arduino Based Advanced Energy Efficient Home Automation System with Automatic Task Scheduling. , 2021, , .		1
14	IoT Based Development of a Robust Hybrid Vehicle Power Management Control System Using Arduino. , 2021, , .		0
15	A Hybrid A.I. Based and IoT Model Generation of Nonconventional Resource of Energy. , 2021, , .		0
16	Variable Speed Control of PMSG based WT with Impedance Source Inverter. , 2021, , .		0
17	IoT based Design and Implementation of Low-Cost Monitoring System for Hybrid Solar-Wind Power Generation System. , 2021, , .		2
18	Battery Management System with IoT for Enhancement of Battery Life. , 2021, , .		1

#	Article	IF	Citations
19	IoT Based Power Grid Losses Using Integrated Distribution Systems Using Decision Tree Algorithm with Automatic Location Tracking. , 2021, , .		0
20	IoT Based Design and Implementation of the Electric Power Quality Management System Using Arduino. , 2021, , .		0
21	IoT Based a Novel Control Strategy Using Arduino to Maximize Usage of Non-Conventional Energy Resource Using Decision Making Algorithm. , 2021, , .		0
22	IoT Enabled Drip Irrigation System with Weather Forecasting. , 2020, , .		21
23	Surface Eletromyography Feature Extraction Techniques â€" A Review. , 2020, , .		18
24	Study and Review of Advancements in Cutting Edge Inventions of Nanotechnology â€œWherever Technology Takes Us the Human Still Has a Key Role to Playâ€• Journal of Computational and Theoretical Nanoscience, 2020, 17, 1737-1742.	0.4	0
25	Micro Grid based Low Price Residential Home to Grid - Modeling and Control of Power Management System. , 2020, , .		20
26	Modeling, Simulation and Design of Luo Converter for DC Micro Grid Application. , 2020, , .		18
27	Design and Implementation of Grid Connected Solar/Wind/Diesel Generator Powered Charging Station for Electric Vehicles with Vehicle to Grid Technology Using IoT. Current Signal Transduction Therapy, 2018, 13, 59-67.	0.5	8
28	Enhancing the Efficiency of Wind Power Using Hybrid Fire Fly and Genetic Algorithm - Economic Load Dispatch Model. Current Signal Transduction Therapy, 2018, 13, 3-10.	0.5	1
29	Artificial Bee Colony and Cuckoo Search Algorithm for Cost Estimation with Wind Power Energy. International Journal of Simulation: Systems, Science and Technology, 0, , .	0.0	2