Ammasaigounden Nanjappagounder

List of Publications by Year
in descending order

24 papers	302 citations	1307594 7 h-index	940533 16 g-index
24 all docs	24 docs citations	24 times ranked	308 citing authors

#	Article	IF	Citations
1	A Single-Sensor-Based MPPT Controller for Wind-Driven Induction Generators Supplying DC Microgrid. IEEE Transactions on Power Electronics, 2016, 31, 1161-1172.	7.9	115
2	Development of BLDC Motor-Based Elevator System Suitable for DC Microgrid. IEEE/ASME Transactions on Mechatronics, 2016, 21, 1552-1560.	5.8	46
3	Analysis and Application of Three-Phase SEIG With Power Converters for Supplying Single-Phase Grid From Wind Energy. IEEE Systems Journal, 2019, 13, 1813-1822.	4.6	33
4	Online condition monitoring and power management system for standalone micro€grid using FPGAs. IET Generation, Transmission and Distribution, 2016, 10, 3875-3884.	2.5	26
5	Analysis and control of wind-driven self-excited induction generators connected to the grid through power converters. Frontiers in Energy, 2012, 6, 403-412.	2.3	13
6	Simple power electronic controller for photovoltaic fed grid€tied systems using line commutated inverter with fixed firing angle. IET Power Electronics, 2014, 7, 1424-1434.	2.1	13
7	A Simple Controller using Line Commutated Inverter with Maximum Power Tracking for Wind-Driven Grid-Connected Permanent Magnet Synchronous Generators. , 2006, , .		11
8	Analysis of zig-zag scan based modified feedback convolution algorithm against differential attacks and its application to image encryption. Applied Intelligence, 2020, 50, 3101-3124.	5.3	10
9	Analysis and Control of Wind-Driven Stand-Alone Doubly-Fed Induction Generator with Reactive Power Support from Stator and Rotor Side. Wind Engineering, 2015, 39, 97-112.	1.9	6
10	Wind-driven stand-alone DFIG with battery and pumped hydro storage system. Sadhana - Academy Proceedings in Engineering Sciences, 2017, 42, 173-185.	1.3	4
11	Dynamic Semantic LFU Policy with Victim tracer (DSLV): A Customizing Technique for Client Cache. Arabian Journal for Science and Engineering, 2017, 42, 725-737.	3.0	4
12	A microcontroller based power electronic controller for PV assisted DC motor control. , 2011, , .		3
13	An Improved Power Electronic Controller with Unity Power Factor for a Single-Stage Grid-Tied PV System. Arabian Journal for Science and Engineering, 2014, 39, 7173-7182.	1.1	3
14	Dynamic performance enhancement of grid tied <scp>PV</scp> system under abnormal grid conditions employing an effective peak current€limiting control strategy. International Transactions on Electrical Energy Systems, 2021, 31, e12542.	1.9	3
15	A unified power electronic controller for wind driven grid connected wound rotor induction generator using line commutated inverter. Frontiers in Energy, 2013, 7, 39-48.	2.3	2
16	Pedestrian classification using principal eigenspaces. , 2014, , .		2
17	Optimal reactive power controller for wind-driven stand-alone doubly fed induction generators. Wind Engineering, 2017, 41, 124-143.	1.9	2
18	Power electronic controller with time sharing switching strategy for grid connected PV systems. Turkish Journal of Electrical Engineering and Computer Sciences, 2019, 27, 243-257.	1.4	2

#	Article	IF	Citations
19	Compressed Instruction Set Coding (CISC) for Performance Optimization of Hand Held Devices. , 2008, , .		1
20	A subspace-based multi-view face clustering and recognition approach. , 2011, , .		1
21	Feasibility studies of rooftop photovoltaic (PV) systems for domestic consumers in rural India. International Journal of Energy and Statistics, 2017, 05, 1750005.	0.5	1
22	Integration of PV array to three-phase grid using Power Electronic converters with de-coupled control. , 2018, , .		1
23	View-based clustering and content-based retrieval of 3-D objects from their appearances. , 2010, , .		0
24	Subspace-based preceding vehicle detection. , 2011, , .		0