

Sumana Chowdhuri

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10570546/publications.pdf>

Version: 2024-02-01

26
papers

175
citations

2258059

3
h-index

1872680

6
g-index

26
all docs

26
docs citations

26
times ranked

78
citing authors

#	ARTICLE	IF	CITATIONS
1	Machine Learning-Based Data-Driven Fault Detection/Diagnosis of Lithium-Ion Battery: A Critical Review. Electronics (Switzerland), 2021, 10, 1309.	3.1	71
2	Active Cell Balancing of Lithium-ion Battery Pack Using Dual DC-DC Converter and Auxiliary Lead-acid Battery. Journal of Energy Storage, 2021, 33, 102109.	8.1	34
3	Performance Studies of Fuzzy Logic Based PI-like Controller Designed for Speed Control of Switched Reluctance Motor. , 2006, , .		12
4	Sample shifting technique (SST) for estimation of harmonic power in polluted environment. , 2013, , .		9
5	Design and development of an 8 bit microcontroller based space vector PWM inverter fed volt/Hz induction motor drive. , 2016, , .		5
6	Analysis of Single Phase PWM Rectifier for Different Applications. Journal of the Institution of Engineers (India): Series B, 2017, 98, 161-169.	1.9	5
7	Performance Evaluation of CKF Based Sensorless Vector Controlled PM Synchronous Motor Drive. Journal of Electrical Engineering and Technology, 2021, 16, 889-897.	2.0	5
8	High performance sensor-less V/f control of surface PMSM in voltage vector plane with ZVV injection and SMO-based position estimation method. Electrical Engineering, 0, , 1.	2.0	5
9	Development of an efficient photovoltaic MPPT Controller. , 2012, , .		3
10	GSM based condition reporting system for power station equipments. , 2012, , .		3
11	Design trends of linear induction motor (LIM) and design issues of a single sided LIM. , 2014, , .		3
12	Development of remote monitoring analysis and reporting system for industrial machines. , 2016, , .		3
13	Grid-tied VSI protection against grid side faults based on voltage. , 2017, , .		3
14	An Efficient G2V and V2G Converter Systems for EV Application. , 2020, , .		3
15	Decision making on load management for plug-in hybrid electric vehicle in smart grid. , 2017, , .		2
16	Performance Evaluation and Filter Design Aspects of Single-Phase Inverter under Different Loading Conditions. IETE Journal of Research, 2020, 66, 103-114.	2.6	2
17	High-Performance Control of Surface PM Synchronous Motor by Power Factor Angle-Based Control of Stator Voltage Vector. Journal of Control, Automation and Electrical Systems, 2021, 32, 703-710.	2.0	2
18	Sensorless vector control of PM synchronous motor by hybrid estimation technique considering effect of non-ideal physical attributes. Electrical Engineering, 0, , 1.	2.0	2

#	ARTICLE	IF	CITATIONS
19	Development of USB compatible PC based PD motor controller for chemical process. , 2012, , .		1
20	A novel hybrid Huffman coding compression technique for secured condition monitoring of induction machine. , 2014, , .		1
21	Performance Analysis of a Micro Grid VSI under Asymmetric Conditions. , 2018, , .		1
22	Assesment of stability of an alternator from its real and reactive power output using RTDS with NI-LabVIEW. , 2014, , .		0
23	An ICT Based Reliable Remote Condition Monitoring of Induction Machine. , 2014, , .		0
24	Channel Efficiency with Security Enhancement for Remote Condition Monitoring of Multi Machine System Using Hybrid Huffman Coding. Journal of the Institution of Engineers (India): Series B, 2016, 97, 469-480.	1.9	0
25	Design and Implementations of Hybrid Self-Control Scheme for PM Synchronous Motor Drive. Journal of the Institution of Engineers (India): Series B, 2021, 102, 671.	1.9	0
26	Sensor-less Vector Control of Surface PM Synchronous Motor Using Reduced -Order Cubature Kalman Filter Based Estimator. , 2022, , .		0