

Chaudhry A Mehmood

List of Publications by Year in descending order

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35
papers

446
citations

1040056

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1058476

14
g-index

35
all docs

35
docs citations

35
times ranked

536
citing authors

#	ARTICLE	IF	CITATIONS
1	Biogas potential for electric power generation in Pakistan: A survey. Renewable and Sustainable Energy Reviews, 2016, 54, 25-33.	16.4	107
2	Machine Learning Based Energy Management Model for Smart Grid and Renewable Energy Districts. IEEE Access, 2020, 8, 185059-185078.	4.2	41
3	A Bidirectional Interactive Electric Vehicles Operation Modes: Vehicle-to-Grid (V2G) and Grid-to-Vehicle (G2V) Variations Within Smart Grid. , 2019, , .		38
4	A Robust Optimization Technique for Energy Cost Minimization of Cloud Data Centers. IEEE Transactions on Cloud Computing, 2021, 9, 447-460.	4.4	37
5	A Game Player Expertise Level Classification System Using Electroencephalography (EEG). Applied Sciences (Switzerland), 2018, 8, 18.	2.5	28
6	Smart grid and energy district mutual interactions with demand response programs. IET Energy Systems Integration, 2020, 2, 1-8.	1.8	27
7	Robust speed regulation of indirect vector control induction motor using fuzzy logic controllers based on optimization algorithms. Electrical Engineering, 2018, 100, 787-802.	2.0	21
8	Support Vector Machine and Gaussian Process Regression Based Modeling for Photovoltaic Power Prediction. , 2018, , .		15
9	Indirect Vector Control of Induction Motor using Adaptive Sliding Mode Controller. , 2016, , .		14
10	Sliding Mode-Based Model Predictive Torque Control of Induction Machine. , 2019, , .		13
11	Exact feedback linearization-based permanent magnet synchronous generator control. International Transactions on Electrical Energy Systems, 2016, 26, 1917-1939.	1.9	12
12	Decentralized MPC based frequency control for smart grid. , 2017, , .		10
13	Statistical Energy Information and Analysis of Pakistan Economic Corridor Based on Strengths, Availabilities, and Future Roadmap. IEEE Access, 2020, 8, 169701-169739.	4.2	10
14	Performance of adaptive PI based on fuzzy logic for Indirect Vector Control Induction Motor drive. , 2016, , .		9
15	Assessment of hybrid off-grid wind photovoltaic system: A case study of university campus. , 2017, , .		9
16	Switching Control Paradigms for Adaptive Cruise Control System with Stop-and-Go Scenario. Arabian Journal for Science and Engineering, 2019, 44, 2103-2113.	3.0	9
17	On the Use of Fractional-Order Controllers for Performance Improvements in AC Drives. Electric Power Components and Systems, 2015, 43, 485-490.	1.8	7
18	Adaptive Controller Based Unified Power Flow Control for Low Power Oscillation Damping. Asian Journal of Control, 2018, 20, 1115-1124.	3.0	6

#	ARTICLE	IF	CITATIONS
19	Stochastic and Statistical Analysis of Utility Revenues and Weather Data Analysis for Consumer Demand Estimation in Smart Grids. PLoS ONE, 2016, 11, e0156849.	2.5	6
20	An Adaptive Distributed Averaging Integral Control Scheme for Micro-Grids With Renewable Intermittency and Varying Operating Cost. IEEE Access, 2020, 8, 455-464.	4.2	4
21	Fault tolerant speed regulation of Induction Motor using Artificial Neural Network. , 2015, , .		3
22	Fault-ride-through schemes of grid-interfaced DFIG: A comparative study under symmetrical grid faults. , 2017, , .		3
23	Control and identification of dynamic plants using adaptive neuro-fuzzy type-2 strategy. , 2017, , .		3
24	Environment driven consumer EC model incorporating complexities of consumer body dynamics. IET Energy Systems Integration, 2019, 1, 53-64.	1.8	3
25	Energy Efficiency: Digital Signal Processing Interactions Within Smart Grid. , 2019, , .		3
26	Differential geometric control of grid interfaced permanent magnet synchronous generator (PMSG) under symmetrical grid faults. , 2017, , .		2
27	A Comparative study of Linear and Nonlinear Control Schemes for AC Induction Machines. , 2018, , .		2
28	Statistical analysis of environment and climate drifts on energy profile of smart grid consumers. , 2017, , .		1
29	Energy Management Model for Energy District Prosumers and Utility: A Case Study of Texas State. , 2017, , .		1
30	Need for Mutual Services Interaction Between Smart Grid and Cloud Data Centers. , 2018, , .		1
31	Sliding Mode based Speed Observer Design for Speed control of five Phase Induction Motor. , 2019, , .		1
32	Failure Influence Index for Power Transmission Systems. , 2018, , .		0
33	Fault Tolerance of Data Center under Multi-Correlated Failures. , 2018, , .		0
34	Electric Vehicles Interactions for Efficient Energy Performance within Smart Grid. , 2020, , .		0
35	Mutual Interactive Effects of Environment and Consumer Biological Dynamics on Energy Consumption. , 2020, , .		0