

Sm Muyeen

List of Publications by Year in descending order

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28
papers

1,114
citations

566801

15
h-index

752256

20
g-index

28
all docs

28
docs citations

28
times ranked

1085
citing authors

#	ARTICLE	IF	CITATIONS
1	A Variable Speed Wind Turbine Control Strategy to Meet Wind Farm Grid Code Requirements. IEEE Transactions on Power Systems, 2010, 25, 331-340.	4.6	319
2	Transformation of microgrid to virtual power plant “ a comprehensive review. IET Generation, Transmission and Distribution, 2019, 13, 1994-2005.	1.4	97
3	Transient stability enhancement of wind farms connected to a multi-machine power system by using an adaptive ANN-controlled SMES. Energy Conversion and Management, 2014, 78, 412-420.	4.4	79
4	Speed control of grid-connected switched reluctance generator driven by variable speed wind turbine using adaptive neural network controller. Electric Power Systems Research, 2012, 84, 206-213.	2.1	74
5	Reduction of frequency fluctuation for wind farm connected power systems by an adaptive artificial neural network controlled energy capacitor system. IET Renewable Power Generation, 2012, 6, 226.	1.7	62
6	Optimisation of controller parameters for grid-tied photovoltaic system at faulty network using artificial neural network-based cuckoo search algorithm. IET Renewable Power Generation, 2017, 11, 1517-1526.	1.7	52
7	Affine projection algorithm based adaptive control scheme for operation of variable-speed wind generator. IET Generation, Transmission and Distribution, 2015, 9, 2611-2616.	1.4	51
8	Centralized power control strategy for AC-DC hybrid micro-grid system using multi-converter scheme. , 2011, , .		46
9	Stabilization of Wind Turbine Generator System by STATCOM. IEEE Transactions on Power and Energy, 2006, 126, 1073-1082.	0.1	45
10	Electrolyzer switching strategy for hydrogen generation from variable speed wind generator. Electric Power Systems Research, 2011, 81, 1171-1179.	2.1	44
11	RTDS implementation of an improved sliding mode based inverter controller for PV system. ISA Transactions, 2016, 62, 50-59.	3.1	34
12	Continuous-time model predictive control of a permanent magnet synchronous motor drive with disturbance decoupling. IET Electric Power Applications, 2017, 11, 697-706.	1.1	34
13	Salp swarm algorithm-based optimal control scheme for LVRT capability improvement of grid-connected photovoltaic power plants: design and experimental validation. IET Renewable Power Generation, 2020, 14, 591-599.	1.7	34
14	On the Contribution of Wind Farms in Automatic Generation Control: Review and New Control Approach. Applied Sciences (Switzerland), 2018, 8, 1848.	1.3	22
15	Wind Farm Stabilization by using DFIG with Current Controlled Voltage Source Converters Taking Grid Codes into Consideration. IEEE Transactions on Power and Energy, 2012, 132, 251-259.	0.1	20
16	Operation and control of HVDC stations using continuous mixed-norm based adaptive fuzzy technique. IET Generation, Transmission and Distribution, 2017, 11, 2275-2282.	1.4	19
17	Testing and validation of wide-area control of STATCOM using real-time digital simulator with hybrid HIL-SIL configuration. IET Generation, Transmission and Distribution, 2017, 11, 3039-3049.	1.4	15
18	Real-time testing of energy storage systems in renewable energy applications. Sustainable Energy Technologies and Assessments, 2015, 12, 1-9.	1.7	13

#	ARTICLE	IF	CITATIONS
19	Offset-free feedback linearisation control of a three-phase grid-connected photovoltaic system. IET Power Electronics, 2016, 9, 1933-1942.	1.5	13
20	Real time implementation of STATCOM to analyze transient and dynamic characteristics of wind farm. , 2011, , .		11
21	Robust feedback-linearisation control of a boost converter feeding a grid-tied inverter for PV applications. IET Power Electronics, 2018, 11, 557-565.	1.5	10
22	Enhanced block-sparse adaptive Bayesian algorithm based control strategy of superconducting magnetic energy storage units for wind farms power ripple minimization. Journal of Energy Storage, 2022, 50, 104208.	3.9	9
23	Grid interfacing of a small scale DC-based wind farm using fuzzy logic controlled inverter system. , 2010, , .		4
24	Performance analysis of a grid-tied inverter for renewable energy applications. , 2014, , .		3
25	Performance evaluation of space vector modulation controlled inverter fed variable speed wind generator during permanent fault. , 2010, , .		2
26	Stability augmentation of interconnected offshore wind and marine current farms. , 2011, , .		1
27	Transient stability improvement of a grid-connected wind farm using doubly fed induction machine based flywheel energy storage system. , 2014, , .		1
28	Design of a direct connection scheme of supercapacitors to the grid-tied photovoltaic system. , 2016, , .		0