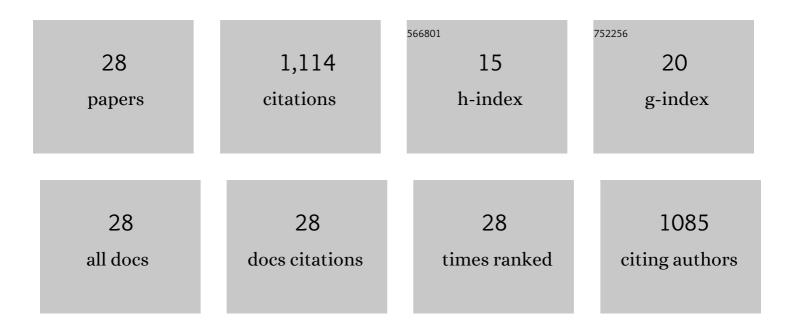
Sm Muyeen

List of Publications by Year in descending order

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SM MUVEEN

#	Article	IF	CITATIONS
1	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
2	Salp swarm algorithmâ€based optimal control scheme for LVRT capability improvement of gridâ€connected photovoltaic power plants: design and experimental validation. IET Renewable Power Generation, 2020, 14, 591-599.	1.7	34
3	Transformation of microgrid to virtual power plant – a comprehensive review. IET Generation, Transmission and Distribution, 2019, 13, 1994-2005.	1.4	97
4	Robust feedbackâ€linearisation control of a boost converter feeding a gridâ€tied inverter for PV applications. IET Power Electronics, 2018, 11, 557-565.	1.5	10
5	On the Contribution of Wind Farms in Automatic Generation Control: Review and New Control Approach. Applied Sciences (Switzerland), 2018, 8, 1848.	1.3	22
6	Continuousâ€ŧime model predictive control of a permanent magnet synchronous motor drive with disturbance decoupling. IET Electric Power Applications, 2017, 11, 697-706.	1.1	34
7	Testing and validation of wideâ€area control of STATCOM using realâ€ŧime digital simulator with hybrid HIL–SIL configuration. IET Generation, Transmission and Distribution, 2017, 11, 3039-3049.	1.4	15
8	Operation and control of HVDC stations using continuous mixed <i>p</i> â€normâ€based adaptive fuzzy technique. IET Generation, Transmission and Distribution, 2017, 11, 2275-2282.	1.4	19
9	Optimisation of controller parameters for gridâ€tied photovoltaic system at faulty network using artificial neural networkâ€based cuckoo search algorithm. IET Renewable Power Generation, 2017, 11, 1517-1526.	1.7	52
10	Design of a direct connection scheme of supercapacitors to the grid-tied photovoltaic system. , 2016, ,		0
11	Offsetâ€free feedback linearisation control of a threeâ€phase gridâ€connected photovoltaic system. IET Power Electronics, 2016, 9, 1933-1942.	1.5	13
12	RTDS implementation of an improved sliding mode based inverter controller for PV system. ISA Transactions, 2016, 62, 50-59.	3.1	34
13	Affine projection algorithm based adaptive control scheme for operation of variableâ€speed wind generator. IET Generation, Transmission and Distribution, 2015, 9, 2611-2616.	1.4	51
14	Real-time testing of energy storage systems in renewable energy applications. Sustainable Energy Technologies and Assessments, 2015, 12, 1-9.	1.7	13
15	Transient stability improvement of a grid-connected wind farm using doubly fed induction machine based flywheel energy storage system. , 2014, , .		1
16	Performance analysis of a grid-tied inverter for renewable energy applications. , 2014, , .		3
17	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
18	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

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#	Article	IF	CITATIONS
19	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
20	Wind Farm Stabilization by using DFIG with Current Controlled Voltage Source Converters Taking Grid Codes into Consideration. IEEJ Transactions on Power and Energy, 2012, 132, 251-259.	0.1	20
21	Stability augmentation of interconnected offshore wind and marine current farms. , 2011, , .		1
22	Centralized power control strategy for AC-DC hybrid micro-grid system using multi-converter scheme. , 2011, , .		46
23	Real time implementation of STATCOM to analyze transient and dynamic characteristics of wind farm. , 2011, , .		11
24	Electrolyzer switching strategy for hydrogen generation from variable speed wind generator. Electric Power Systems Research, 2011, 81, 1171-1179.	2.1	44
25	Grid interfacing of a small scale DC-based wind farm using fuzzy logic controlled inverter system. , 2010, , .		4
26	Performance evaluation of space vector modulation controlled inverter fed variable speed wind generator during permanent fault. , 2010, , .		2
27	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
28	Stabilization of Wind Turbine Generator System by STATCOM. IEEJ Transactions on Power and Energy, 2006, 126, 1073-1082.	0.1	45