# Sm Muyeen

List of Publications by Year
in descending order

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| 28 | 1,114 | 566801 | 752256 |
|---|---|---|---|
| papers | citations | 15 h-index | 20 g-index |

| 28 | 28 | 28 | 1085 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | 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 â€“ 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€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 |
| 7 | Testing and validation of wideâ€area control of STATCOM using realâ€time digital simulator with hybrid HILâ€“SIL configuration. IET Generation, Transmission and Distribution, 2017, 11, 3039-3049. | 1.4 | 15 |
| 8 | Operation and control of HVDC stations using continuous mixedpâ€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 |

| # | 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 |