

Praveen Tripathy

List of Publications by Year in descending order

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20
papers

238
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1478505

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270
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Robust Observer Design for Sensorless Voltage and Frequency Control of a Doubly Fed Induction Generator in Standalone Mode. IEEE Transactions on Energy Conversion, 2022, 37, 844-854. | 5.2 | 5 |
| 2 | Design and modelling of self-excited SRG and FMSRG for wind energy generation. IET Renewable Power Generation, 2021, 15, 1898-1914. | 3.1 | 2 |
| 3 | Averaged Modeling and SRF-Based Closed-Loop Control of Single-Phase ANPC Inverter. IEEE Transactions on Power Electronics, 2021, 36, 13839-13854. | 7.9 | 7 |
| 4 | Performance Comparison of Capacitor Voltage Balancing Strategies for Eight-Switch Five-Level ANPC Inverter. , 2021, , . | | 0 |
| 5 | Development of an adaptive control strategy for the three-phase grid side converter with wide range of parametric and load uncertainties. IET Power Electronics, 2020, 13, 2399-2412. | 2.1 | 4 |
| 6 | Application of Thyristor Bridge-Type Non-Superconducting FCL with Buck Series Charging to Improve the FRT Capability of the DFIG System. Electric Power Components and Systems, 2020, 48, 1898-1911. | 1.8 | 1 |
| 7 | Using sparsity to estimate oscillatory mode from ambient data. Sadhana - Academy Proceedings in Engineering Sciences, 2019, 44, 1. | 1.3 | 6 |
| 8 | Average Modeling of Active Neutral Point Clamped Inverter. , 2019, , . | | 7 |
| 9 | Development of Dictionary-Based Phasor Estimator Suitable for P-Class Phasor Measurement Unit. IEEE Transactions on Instrumentation and Measurement, 2018, 67, 2603-2615. | 4.7 | 19 |
| 10 | Development of Phasor Estimation Algorithm for P-Class PMU Suitable in Protection Applications. IEEE Transactions on Smart Grid, 2018, 9, 1250-1260. | 9.0 | 35 |
| 11 | A Robust Fault Detection and Discrimination Technique for Transmission Lines. IEEE Transactions on Smart Grid, 2018, 9, 6348-6358. | 9.0 | 24 |
| 12 | Five-Level ANPC Converter for PMSG Based Wind Power System with Grid Power Factor Regulation. , 2018, , . | | 0 |
| 13 | A predictor-corrector based rotor slip-position estimation technique for a DFIG. , 2017, , . | | 4 |
| 14 | Estimation of low-frequency modes in power system using robust modified Prony. IET Generation, Transmission and Distribution, 2016, 10, 1401-1409. | 2.5 | 44 |
| 15 | Estimation of phasor under dynamic conditions using convolution. , 2015, , . | | 5 |
| 16 | Application of bridge-type FCL for betterment of FRT capability for DFIG-based wind turbine. , 2014, , . | | 1 |
| 17 | Application of bridge-type FCL for betterment of FRT capability for DFIG-based wind turbine. , 2014, , . | | 2 |
| 18 | State estimation of DFIG using an Extended Kalman Filter with an augmented state model. , 2014, , . | | 10 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | A Divide-by-Difference-Filter Based Algorithm for Estimation of Generator Rotor Angle Utilizing Synchrophasor Measurements. IEEE Transactions on Instrumentation and Measurement, 2010, 59, 1562-1570. | 4.7 | 40 |
| 20 | Matrix converter as UPFC for transmission line compensation. , 2007, , . | | 22 |