

Wei Jiang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5622431/publications.pdf>

Version: 2024-02-01

35
papers

412
citations

1040056

9
h-index

996975

15
g-index

35
all docs

35
docs citations

35
times ranked

505
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | Resilience-Oriented Dynamic Distribution Network With Considering Recovery Ability of Distributed Resources. IEEE Journal on Emerging and Selected Topics in Circuits and Systems, 2022, 12, 149-160. | 3.6 | 5 |
| 2 | Hierarchical Distribution Network Topology Formulation and Dimensionality Reduction Using Homeomorphism Transformation. IEEE Access, 2022, 10, 33320-33331. | 4.2 | 3 |
| 3 | Research on the Asymmetrical Multilevel Hybrid Energy Storage System Based on Hybrid Carrier Modulation. IEEE Transactions on Industrial Electronics, 2021, 68, 1241-1251. | 7.9 | 6 |
| 4 | ES-VSC-MTDC based energy hub for honeycomb distribution network. , 2021, , . | | 2 |
| 5 | Artificial Intelligence Based Distribution Networks Fault Detectation Method. , 2021, , . | | 0 |
| 6 | SOC feedback control strategy of hybrid energy storage system for suppressing intermittent loads. , 2021, , . | | 0 |
| 7 | optimization method for fixed capacity location of hybrid energy storage system considering intermittent loads characteristics. , 2021, , . | | 0 |
| 8 | Multi-area State Estimation of Distribution Networks Based on Optimal Partition. , 2021, , . | | 2 |
| 9 | A Fault Section Location Method for Distribution Network Based on Discrete Bayesian Network Model. , 2021, , . | | 0 |
| 10 | Research on reliability Evaluation system of distribution network based on Knowledge Graph. , 2021, , . | | 0 |
| 11 | Regulation Capacity Evaluation of Large-scale Heterogeneous Residential Air Conditioning Loads. , 2021, , . | | 0 |
| 12 | Calculation Model of Carbon Emissions in the Electric Power Industry's Life Cycle Based on LCA Method. , 2021, , . | | 1 |
| 13 | Switch State Identification in Distribution Network Based on Edge Computing. , 2021, , . | | 1 |
| 14 | DC-Side-Fault-Tolerant Control of a Battery-Supercapacitor Hybrid Energy Storage System Based on Cascaded Multilevel Converter and Auxiliary Power Loop. IEEE Transactions on Industrial Electronics, 2020, 67, 7451-7460. | 7.9 | 6 |
| 15 | Research on load transfer strategy optimisation with considering the operation of distributed generations and secondary dispatch. IET Generation, Transmission and Distribution, 2020, 14, 5526-5535. | 2.5 | 6 |
| 16 | A Hierarchical Control Structure for Distributed Energy Storage System in DC Micro-Grid. IEEE Access, 2019, 7, 128787-128795. | 4.2 | 25 |
| 17 | A Physical Probabilistic Network Model for Distribution Network Topology Recognition Using Smart Meter Data. IEEE Transactions on Smart Grid, 2019, 10, 6965-6973. | 9.0 | 23 |
| 18 | Parallel Processing of Probabilistic Models-Based Power Supply Unit Mid-Term Load Forecasting With Apache Spark. IEEE Access, 2019, 7, 7588-7598. | 4.2 | 22 |

| # | ARTICLE | IF | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Aggregating residential demands with a multi-armed bandit approach. , 2019, , . | | 5 |
| 20 | Virtual Node Based Distribution Network Reliability Evaluation and Its Implementation on Parallel Computing Platform. , 2019, , . | | 0 |
| 21 | The Active Power Control of Cascaded Multilevel Converter Based Hybrid Energy Storage System. IEEE Transactions on Power Electronics, 2019, 34, 8241-8253. | 7.9 | 14 |
| 22 | Flexible Power Distribution Control in an Asymmetrical-Cascaded-Multilevel-Converter-Based Hybrid Energy Storage System. IEEE Transactions on Industrial Electronics, 2018, 65, 6150-6159. | 7.9 | 31 |
| 23 | A Fully Modular Control Strategy for Input-Series Output-Parallel (ISOP) Inverter System Based on Positive Output-Voltage-Amplitude Gradient. IEEE Transactions on Power Electronics, 2018, 33, 2878-2887. | 7.9 | 30 |
| 24 | Daily Economic Optimal Dispatch of Energy Router Considering the Voltage of Distribution Network. , 2018, , . | | 3 |
| 25 | Control of Active Power Exchange With Auxiliary Power Loop in a Single-Phase Cascaded Multilevel Converter-Based Energy Storage System. IEEE Transactions on Power Electronics, 2017, 32, 1518-1532. | 7.9 | 38 |
| 26 | Probabilistic graphical model based residential energy behavioral analysis on hybrid computing platform. , 2016, , . | | 2 |
| 27 | Research on power sharing strategy of hybrid energy storage system in photovoltaic power station based on multi-objective optimisation. IET Renewable Power Generation, 2016, 10, 575-583. | 3.1 | 61 |
| 28 | Analysis of distribution network outage region based on graph database. , 2016, , . | | 1 |
| 29 | Balanced supercapacitor energy storage module based on multifunctional ISOS converter. , 2014, , . | | 3 |
| 30 | Investigation of an improved hybrid-excitation flux switching brushless machine for HEV/EV applications. , 2014, , . | | 6 |
| 31 | Investigation of on-loaded performances of hybrid-excitation flux-switching brushless machines for HEV/EV applications. , 2014, , . | | 4 |
| 32 | Novel Modeling and Design of a Dual Half Bridge DC-DC Converter Applied in Supercapacitor Energy Storage System. Electric Power Components and Systems, 2014, 42, 1398-1408. | 1.8 | 9 |
| 33 | Wireless Input-Voltage-Sharing Control Strategy for Input-Series Output-Parallel (ISOP) System Based on Positive Output-Voltage Gradient Method. IEEE Transactions on Industrial Electronics, 2014, 61, 6022-6030. | 7.9 | 98 |
| 34 | Improved performance of a DC/DC converter for supercapacitor energy storage system. , 2013, , . | | 3 |
| 35 | The PWM phase-shifted plus feed-forward control of the boost converter applied in supercapacitor energy storage system. , 2011, , . | | 2 |