

# Fei Jiang

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

384  
citations

933447

10  
h-index

839539

18  
g-index

27  
all docs

27  
docs citations

27  
times ranked

315  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Design Considerations of a Fault Current Limiting Dynamic Voltage Restorer (FCL-DVR). IEEE Transactions on Smart Grid, 2015, 6, 14-25.   | 9.0  | 78        |
| 2  | Dual-Functional Dynamic Voltage Restorer to Limit Fault Current. IEEE Transactions on Industrial Electronics, 2019, 66, 5300-5309.   | 7.9  | 60        |
| 3  | Multilevel Cascaded-Type Dynamic Voltage Restorer With Fault Current-Limiting Function. IEEE Transactions on Power Delivery, 2016, 31, 1261-1269.  | 4.3  | 44        |
| 4  | A Comprehensive Study to Mitigate Voltage Sags and Phase Jumps Using a Dynamic Voltage Restorer. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2020, 8, 1490-1502.  | 5.4  | 32        |
| 5  | An Improved Hybrid Parallel Compensator for Enhancing PV Power Transfer Capability. IEEE Transactions on Industrial Electronics, 2022, 69, 11132-11143.  | 7.9  | 31        |
| 6  | Stability Analysis of the Grid-Connected Inverter Considering the Asymmetric Positive-Feedback Loops Introduced by the PLL in Weak Grids. IEEE Transactions on Industrial Electronics, 2022, 69, 5793-5802.                        | 7.9  | 23        |
| 7  | Analysis and control of bridge-type fault current limiter integrated with the dynamic voltage restorer. International Journal of Electrical Power and Energy Systems, 2018, 95, 315-326.   | 5.5  | 18        |
| 8  | Design Consideration of a Dual-Functional Bridge-Type Fault Current Limiter. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2020, 8, 3825-3834.  | 5.4  | 16        |
| 9  | Improved Dual-Functional DVR With Integrated Auxiliary Capacitor for Capacity Optimization. IEEE Transactions on Industrial Electronics, 2021, 68, 9755-9766.  | 7.9  | 16        |
| 10 | A review of series voltage source converter with fault current limiting function. Chinese Journal of Electrical Engineering, 2018, 4, 36-44.   | 3.4  | 12        |
| 11 | Combinational voltage booster technique for fault ride-through capability enhancement of squirrel-cage induction generator. Electric Power Systems Research, 2016, 136, 163-172.   | 3.6  | 10        |
| 12 | An overview of series-connected power electronic converter with function extension strategies in the context of high-penetration of power electronics and renewables. Renewable and Sustainable Energy Reviews, 2022, 156, 111934. | 16.4 | 9         |
| 13 | Operations and Coordination of Dual-Functional DVR and Recloser in a Power Distribution System. IEEE Access, 2019, 7, 140908-140921.   | 4.2  | 6         |
| 14 | Improved dynamic voltage restorer with reduced capacity of power inverter and energy storage for voltage sag mitigation. IET Power Electronics, 2021, 14, 958-968.   | 2.1  | 6         |
| 15 | Adaptive soft starter for a three-phase induction motor driving device using a multifunctional series compensator. IET Electric Power Applications, 2019, 13, 977-983.   | 1.8  | 4         |
| 16 | Constant Frequency Control Strategy of Microgrids by Coordinating Energy Router and Energy Storage System. Mathematical Problems in Engineering, 2020, 2020, 1-8.  | 1.1  | 4         |
| 17 | Impedance Reshaping Control Method to Improve Weak Grid Stability of Grid-Connected Inverters. , 2020, , .   |      | 3         |
| 18 | Improved Hybrid Reactive Power Compensation System Based on FC and STATCOM and Its Control Method. Chinese Journal of Electrical Engineering, 2022, 8, 29-41.  | 3.4  | 3         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | The Short-term Load Forecasting Based on the Rate of Load Fluctuation. , 2011, , .   |     | 2         |
| 20 | Distributed Coordinated Voltage Control of Photovoltaic and Energy Storage System Based on Dynamic Consensus Algorithm. , 2021, , .                        |     | 2         |
| 21 | Capacity optimization scheme of UPQC system based on an Improved Topology. , 2020, , .   |     | 2         |
| 22 | Economic Analysis of Transactions in the Energy Storage Power Market: A Life-Cycle Cost Approach. Frontiers in Energy Research, 2022, 10, .                | 2.3 | 2         |
| 23 | Adaptive Active Grounding Fault Regulation Method Considering the Influence of Line Impedance in Distribution Network. , 2021, , .                         |     | 1         |
| 24 | New Adaptive Scheme for Dynamic Voltage Restorer to Voltage Sag Compensation and Flexible Self-recovery. , 2018, , .                                       |     | 0         |
| 25 | New Configuration of Multifunctional Dynamic Voltage Restorer with Renewable Energy Integration for Performance Improvement. , 2020, , .                   |     | 0         |
| 26 | Research on the Impact of External Power on Thermal Power Companies in the Receiving Provinces and Strategies for Improving Economic Benefits. , 2021, , . |     | 0         |
| 27 | Research on Quasi-on-line Extraction Method of Junction-case Thermal Resistance of IGBT Module. , 2021, , .  |     | 0         |