# Chendan Li

List of Publications by Year
in descending order



| 33 | 804 | 933447 10 | 1372567 10 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 34 | 34 | 34 | 923 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Power Flow Analysis for Low-Voltage AC and DC Microgrids Considering Droop Control and Virtual Impedance. IEEE Transactions on Smart Grid, 2017, 8, 2754-2764. | 9.0 | 146 |
| 2 | Multiagent-Based Distributed State of Charge Balancing Control for Distributed Energy Storage Units in AC Microgrids. IEEE Transactions on Industry Applications, 2017, 53, 2369-2381. | 4.9 | 125 |
| 3 | Economic Dispatch for Operating Cost Minimization Under Real-Time Pricing in Droop-Controlled DC Microgrid. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2017, 5, 587-595. | 5.4 | 104 |
| 4 | A Dynamic Consensus Algorithm to Adjust Virtual Impedance Loops for Discharge Rate Balancing of AC Microgrid Energy Storage Units. IEEE Transactions on Smart Grid, 2018, 9, 4847-4860. | 9.0 | 48 |
| 5 | Multiagent based distributed control for state-of-charge balance of distributed energy storage in DC microgrids. , 2014, , . | | 42 |
| 6 | Operating Cost Reduction of DC Microgrids Under Real-Time Pricing Using Adaptive Differential Evolution Algorithm. IEEE Access, 2020, 8, 169247-169258. | 4.2 | 31 |
| 7 | Optimal power flow in three-phase islanded microgrids with inverter interfaced units. Electric Power Systems Research, 2015, 123, 48-56. | 3.6 | 28 |
| 8 | Multi-agent-based distributed state of charge balancing control for distributed energy storage units in AC microgrids. , 2015, , . | | 27 |
| 9 | Power flow analysis for droop controlled LV hybrid AC-DC microgrids with virtual impedance. , 2014, , . | | 25 |
| 10 | Power flow analysis algorithm for islanded LV microgrids including distributed generator units with droop control and virtual impedance loop. , 2014, , . | | 22 |
| 11 | Economic Power Schedule and Transactive Energy through an Intelligent Centralized Energy Management System for a DC Residential Distribution System. Energies, 2017, 10, 916. | 3.1 | 22 |
| 12 | Operation Cost Minimization of Droop-Controlled AC Microgrids Using Multiagent-Based Distributed Control. Energies, 2016, 9, 717. | 3.1 | 18 |
| 13 | Operation cost minimization of droop-controlled DC microgrids based on real-time pricing and optimal power flow. , 2015, , . | | 17 |
| 14 | Cloud-Fog Architecture Based Energy Management and Decision-Making for Next-Generation Distribution Network with Prosumers and Internet of Things Devices. Applied Sciences (Switzerland), 2019, 9, 372. | 2.5 | 17 |
| 15 | Convergence analysis of distributed control for operation cost minimization of droop controlled DC microgrid based on multiagent. , 2016, , . | | 16 |
| 16 | Wireless power supply technology for uniform magnetic field of intelligent greenhouse sensors. Computers and Electronics in Agriculture, 2019, 156, 203-208. | 7.7 | 16 |
| 17 | Voltage scheduling droop control for State-of-Charge balance of distributed energy storage in DC microgrids. , 2014, , . | | 13 |
| 18 | Control of a multi-functional inverter for grid integration of PV and battery energy storage system. , 2015, , . | | 13 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Optimal power flow based on glow worm-swarm optimization for three-phase islanded microgrids. , 2014, , . | | 10 |
| 20 | Multiagent based distributed control for operation cost minimization of droop controlled AC microgrid using incremental cost consensus. , 2015, , . | | 10 |
| 21 | Distributed coordination of electric vehicle charging in a community microgrid considering real-time price. , 2016, , . | | 10 |
| 22 | Power flow analysis for DC voltage droop controlled DC microgrids. , 2014, , . | | 9 |
| 23 | A Data-driven Approach to Grid Impedance Identification for Impedance-based Stability Analysis under Different Frequency Ranges. , 2019, , . | | 8 |
| 24 | Multiagent-based distributed control for operation cost minimization of droop controlled DC microgrid using incremental cost consensus. , 2015, , . | | 6 |
| 25 | Grid architecture for future distribution system â€" A cyber-physical system perspective. , 2017, , . | | 5 |
| 26 | Defining Three Distribution System Scenarios for Microgrid Applications. , 2020, , . | | 4 |
| 27 | Economic Dispatch of DC Microgrids Under Real-Time Pricing Using Adaptive Differential Evolution Algorithm. , 2020, , . | | 4 |
| 28 | Dynamic Pricing for Microgrids Energy Transaction in Blockchain-based Ecosystem. , 2019, , . | | 3 |
| 29 | Discharge rate balancing control strategy based on dynamic consensus algorithm for energy storage units in AC microgrids. , 2017, , . | | 2 |
| 30 | Optimization scheduling in intelligent Energy Management System for the DC residential distribution system. , 2017, , . | | 2 |
| 31 | Active power regulation based on droop for AC microgrid. , 2015, , . | | 1 |
| 32 | Harmonic magnetomotive force and static-dynamic characteristics of the 6/3-phase dual stator-winding induction generator. , 2009, , . | | 0 |
| 33 | Lifetime Modelling of Power Electronics for Power Electronic Based Power Systemâ€"A Case for Microgrids. , 2021, , . | | 0 |