

Jing Yu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4901138/publications.pdf>

Version: 2024-02-01

211
papers

5,783
citations

94269

37
h-index

88477

70
g-index

211
all docs

211
docs citations

211
times ranked

4417
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | A Scenario-Oriented Approach to Energy-Reserve Joint Procurement and Pricing. IEEE Transactions on Power Systems, 2023, 38, 411-426. | 4.6 | 7 |
| 2 | Electrochemical-Theory-Guided Modeling of the Conditional Generative Adversarial Network for Battery Calendar Aging Forecast. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2023, 11, 67-77. | 3.7 | 25 |
| 3 | A Byzantine-Resilient Distributed Peer-to-Peer Energy Management Approach. IEEE Transactions on Smart Grid, 2023, 14, 623-634. | 6.2 | 2 |
| 4 | Coordinated Heat and Power Dispatch Considering Mutual Benefit and Mutual Trust: A Multi-party Perspective. IEEE Transactions on Sustainable Energy, 2022, 13, 251-264. | 5.9 | 7 |
| 5 | Interpretable Neighborhood Deep Models for Online Total Transfer Capability Evaluation of Power Systems. IEEE Transactions on Power Systems, 2022, 37, 260-271. | 4.6 | 9 |
| 6 | Tractable Convex Approximations for Distributionally Robust Joint Chance-Constrained Optimal Power Flow Under Uncertainty. IEEE Transactions on Power Systems, 2022, 37, 1927-1941. | 4.6 | 18 |
| 7 | A Distributed Online Learning Approach for Energy Management With Communication Noises. IEEE Transactions on Sustainable Energy, 2022, 13, 551-566. | 5.9 | 5 |
| 8 | Leverage Reactive Power Ancillary Service Under High Penetration of Renewable Energies: An Incentive-Compatible Obligation-Based Market Mechanism. IEEE Transactions on Power Systems, 2022, 37, 2919-2933. | 4.6 | 6 |
| 9 | Increasing Flexibility of Combined Heat and Power Systems Through Optimal Dispatch With Variable Mass Flow. IEEE Transactions on Sustainable Energy, 2022, 13, 986-997. | 5.9 | 7 |
| 10 | A Transferred Recurrent Neural Network for Battery Calendar Health Prognostics of Energy-Transportation Systems. IEEE Transactions on Industrial Informatics, 2022, 18, 8172-8181. | 7.2 | 28 |
| 11 | An Improved Two-Stage Deep Reinforcement Learning Approach for Regulation Service Disaggregation in a Virtual Power Plant. IEEE Transactions on Smart Grid, 2022, 13, 2844-2858. | 6.2 | 23 |
| 12 | Distributionally Robust Frequency Constrained Scheduling for an Integrated Electricity-Gas System. IEEE Transactions on Smart Grid, 2022, 13, 2730-2743. | 6.2 | 23 |
| 13 | Electricity Price Prediction for Energy Storage System Arbitrage: A Decision-Focused Approach. IEEE Transactions on Smart Grid, 2022, 13, 2822-2832. | 6.2 | 7 |
| 14 | On the Real-Time Quantification of Flexibility Provided by District Heating Networks Considering Dynamic Temperature Distribution. IEEE Transactions on Sustainable Energy, 2022, 13, 1666-1680. | 5.9 | 5 |
| 15 | Competitive Pricing Game of Virtual Power Plants: Models, Strategies, and Equilibria. IEEE Transactions on Smart Grid, 2022, 13, 4583-4595. | 6.2 | 11 |
| 16 | Self-Attention-Based Machine Theory of Mind for Electric Vehicle Charging Demand Forecast. IEEE Transactions on Industrial Informatics, 2022, 18, 8191-8202. | 7.2 | 8 |
| 17 | Integrated Heat and Electricity Dispatch for District Heating Networks With Constant Mass Flow: A Generalized Phasor Method. IEEE Transactions on Power Systems, 2021, 36, 426-437. | 4.6 | 21 |
| 18 | A Data-Driven Warm Start Approach for Convex Relaxation in Optimal Gas Flow. IEEE Transactions on Power Systems, 2021, 36, 5948-5951. | 4.6 | 6 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | A distributed deep reinforcement learning-based approach for fast preventive control considering transient stability constraints. CSEE Journal of Power and Energy Systems, 2021, , . | 1.7 | 4 |
| 20 | Stochastic Day-Ahead Scheduling of ElectricityGas Coupled Systems via Progressive Hedging. , 2020, , . | | 0 |
| 21 | Dataâ€Driven Fast Clustering of Secondâ€Life Lithiumâ€Ion Battery: Mechanism and Algorithm. Advanced Theory and Simulations, 2020, 3, 2000109. | 1.3 | 20 |
| 22 | Distributed Event-Triggered \mathcal{H}_∞ Consensus Based Current Sharing Control of DC Microgrids Considering Uncertainties. IEEE Transactions on Industrial Informatics, 2020, 16, 7413-7425. | 7.2 | 52 |
| 23 | A gradient screening approach for retired lithium-ion batteries based on X-ray computed tomography images. RSC Advances, 2020, 10, 19117-19123. | 1.7 | 14 |
| 24 | Selfâ€adaptive hybrid algorithm based biâ€level approach for virtual power plant bidding in multiple retail markets. IET Generation, Transmission and Distribution, 2020, 14, 3762-3773. | 1.4 | 6 |
| 25 | Decomposition approach for the interdependency analysis of integrated power and transportation systems. IET Smart Grid, 2020, 3, 825-834. | 1.5 | 5 |
| 26 | Integrated pricing framework for optimal power and semiâ€dynamic traffic flow problem. IET Renewable Power Generation, 2020, 14, 3636-3643. | 1.7 | 8 |
| 27 | Active Dynamic Aggregation Model for Distributed Integrated Energy System as Virtual Power Plant. Journal of Modern Power Systems and Clean Energy, 2020, 8, 831-840. | 3.3 | 32 |
| 28 | Evaluation of Information Value for Solar Power Plants in Market Environment. , 2020, , . | | 5 |
| 29 | A Synchronous Iterative Method of Power Flow in Inter-Connected Power Grids Considering Privacy Preservation: A CPS Perspective. , 2020, , . | | 1 |
| 30 | Robust Voltage Control Strategy for Hybrid AC/DC Sending-Side Systems to Prevent Cascading Trip Failures. IEEE Transactions on Sustainable Energy, 2019, 10, 1319-1329. | 5.9 | 17 |
| 31 | A Distributed Model-Free Controller for Enhancing Power System Transient Frequency Stability. IEEE Transactions on Industrial Informatics, 2019, 15, 1361-1371. | 7.2 | 13 |
| 32 | A Novel Discounted Min-Consensus Algorithm for Optimal Electrical Power Trading in Grid-Connected DC Microgrids. IEEE Transactions on Industrial Electronics, 2019, 66, 8474-8484. | 5.2 | 26 |
| 33 | Economic Dispatch for Regional Integrated Energy System With District Heating Network Under Stochastic Demand. IEEE Access, 2019, 7, 46659-46667. | 2.6 | 19 |
| 34 | Design and implementation of a virtual capacitor based DC current suppression method for grid-connected inverters. ISA Transactions, 2019, 92, 257-272. | 3.1 | 12 |
| 35 | A deep learning approach for power system knowledge discovery based on multitask learning. IET Generation, Transmission and Distribution, 2019, 13, 733-740. | 1.4 | 16 |
| 36 | Review of Challenges and Research Opportunities for Voltage Control in Smart Grids. IEEE Transactions on Power Systems, 2019, 34, 2790-2801. | 4.6 | 270 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Research Framework of the Human-Cyber-Energy Coupled Urban Energy Internet Catastrophe Analysis and Its Dynamic Early Warning. , 2019, , . | | 1 |
| 38 | Accommodating Renewable Energy Sources into the Modern Power System via a General Coordinated Mechanism. , 2019, , . | | 0 |
| 39 | A Robust Aggregate Model for Multi-Energy Virtual Power Plant in Grid Dispatch. , 2019, , . | | 2 |
| 40 | Prospects for Energy Internet of Agricultural Engineering in China. , 2019, , . | | 5 |
| 41 | Rule Extraction-based Data Augmentation Method for Transient Instability Identification of Power Systems Using Machine Learning. , 2019, , . | | 0 |
| 42 | Decentralized Chance-Constrained Economic Dispatch for Integrated Transmission-District Energy Systems. IEEE Transactions on Smart Grid, 2019, 10, 6724-6734. | 6.2 | 22 |
| 43 | An intelligent dc current minimization method for transformerless grid-connected photovoltaic inverters. ISA Transactions, 2019, 88, 268-279. | 3.1 | 13 |
| 44 | Decentralized Unit Commitment in Integrated Heat and Electricity Systems Using SDM-GS-ALM. IEEE Transactions on Power Systems, 2019, 34, 2322-2333. | 4.6 | 31 |
| 45 | A two-level hierarchical discrete-device control method for power networks with integrated wind farms. Journal of Modern Power Systems and Clean Energy, 2019, 7, 88-98. | 3.3 | 6 |
| 46 | Optimal Distributed Control for Secondary Frequency and Voltage Regulation in an Islanded Microgrid. IEEE Transactions on Industrial Informatics, 2019, 15, 225-235. | 7.2 | 144 |
| 47 | Distributed, Bounded and Finite-Time Convergence Secondary Frequency Control in an Autonomous Microgrid. IEEE Transactions on Smart Grid, 2019, 10, 2776-2788. | 6.2 | 49 |
| 48 | Distributed Discrete Robust Secondary Cooperative Control for Islanded Microgrids. IEEE Transactions on Smart Grid, 2019, 10, 3620-3629. | 6.2 | 41 |
| 49 | Abductive identification of bad data: methodology and field test. IET Generation, Transmission and Distribution, 2018, 12, 150-159. | 1.4 | 5 |
| 50 | Clearing and Pricing for Coordinated Gas and Electricity Day-Ahead Markets Considering Wind Power Uncertainty. IEEE Transactions on Power Systems, 2018, 33, 2496-2508. | 4.6 | 79 |
| 51 | A Distributed Transmission-Distribution-Coupled Static Voltage Stability Assessment Method Considering Distributed Generation. IEEE Transactions on Power Systems, 2018, 33, 2621-2632. | 4.6 | 62 |
| 52 | Dynamic reactive power reserve optimisation in wind power integration areas. IET Generation, Transmission and Distribution, 2018, 12, 507-517. | 1.4 | 15 |
| 53 | EMS communication routingsâ€™ optimisation to enhance power system security considering cyberâ€™physical interdependence. IET Cyber-Physical Systems: Theory and Applications, 2018, 3, 44-53. | 1.9 | 10 |
| 54 | Coordinated Transmission and Distribution AC Optimal Power Flow. IEEE Transactions on Smart Grid, 2018, 9, 1228-1240. | 6.2 | 147 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 55 | A New LMP-Sensitivity-Based Heterogeneous Decomposition for Transmission and Distribution Coordinated Economic Dispatch. IEEE Transactions on Smart Grid, 2018, 9, 931-941. | 6.2 | 76 |
| 56 | Information Masking Theory for Data Protection in Future Cloud-Based Energy Management. IEEE Transactions on Smart Grid, 2018, 9, 5664-5676. | 6.2 | 18 |
| 57 | An Improved Real-Time Short-Term Voltage Stability Monitoring Method Based on Phase Rectification. IEEE Transactions on Power Systems, 2018, 33, 1068-1070. | 4.6 | 22 |
| 58 | A Distributed Multi-Control-Center Dynamic Power Flow Algorithm Based on Asynchronous Iteration Scheme. IEEE Transactions on Power Systems, 2018, 33, 1716-1724. | 4.6 | 17 |
| 59 | Distributed Finite-Time Convergence Control of an Islanded Low-Voltage AC Microgrid. IEEE Transactions on Power Systems, 2018, 33, 2339-2348. | 4.6 | 74 |
| 60 | A Numerical Observability Analysis Method for Combined Electric-Gas Networks. , 2018, , . | | 0 |
| 61 | Looped Network Oriented Distributed Power Routing Method with the Operation of Phase Shifters. , 2018, , . | | 0 |
| 62 | A Distributed Multi-control-center Dynamic Power Flow Algorithm Based on Asynchronous Iteration Scheme. , 2018, , . | | 0 |
| 63 | A Probabilistic Harmonic State Estimation Method for Distribution Network Connected by Wind Power. , 2018, , . | | 0 |
| 64 | Network Parameter Estimation for District Heating System. , 2018, , . | | 2 |
| 65 | Research on Collaborative Optimization Model of Park-level Integrated Energy System Participating in Power Peak Shaving. , 2018, , . | | 3 |
| 66 | A Two-Stage Multi-objective Planning Strategy for Electric Vehicle Charging Stations Considering Power-loss Sensitivity in Distribution System. , 2018, , . | | 1 |
| 67 | Static voltage stability margin considering the coupling of natural gas and power system. , 2018, , . | | 2 |
| 68 | Practical short-term voltage stability index based on voltage curves: definition, verification and case studies. IET Generation, Transmission and Distribution, 2018, 12, 4292-4300. | 1.4 | 28 |
| 69 | A Fully Distributed Topology Identification Approach for Active Distribution Network Based on Multi-Agent Framework. , 2018, , . | | 1 |
| 70 | Improved Model of CHP System Considering Heat Exchanger Capacity. , 2018, , . | | 0 |
| 71 | Stochastic User Equilibrium in Charging Station Selection Based on Discrete Choice Model. , 2018, , . | | 4 |
| 72 | Steady-State Model of Energy Stations Considering Thermodynamic Properties. , 2018, , . | | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 73 | Transient Stability Assessment of Power Systems Using Cost-sensitive Deep Learning Approach. , 2018, , . | | 15 |
| 74 | A transient profile forecasting method based on PMU measurements for monitoring and control of short-term voltage instability. , 2018, , . | | 3 |
| 75 | Day-ahead voltage scheduling method based on a two-stage robust optimisation for VSC-HVDC connected wind farms. IET Renewable Power Generation, 2018, 12, 1470-1477. | 1.7 | 3 |
| 76 | Fully Distributed Quasi-Newton Multi-Area Dynamic Economic Dispatch Method for Active Distribution Networks. IEEE Transactions on Power Systems, 2018, 33, 4253-4263. | 4.6 | 59 |
| 77 | A Response-Function-Based Coordination Method for Transmission - Distribution-Coupled AC OPF. , 2018, , . | | 8 |
| 78 | Hierarchical Multi-Area State Estimation via Sensitivity Function Exchanges. IEEE Transactions on Power Systems, 2017, 32, 442-453. | 4.6 | 36 |
| 79 | Coordinated Multi-Area Economic Dispatch via Critical Region Projection. IEEE Transactions on Power Systems, 2017, 32, 3736-3746. | 4.6 | 59 |
| 80 | Fatigue Load Sensitivity-Based Optimal Active Power Dispatch For Wind Farms. IEEE Transactions on Sustainable Energy, 2017, 8, 1247-1259. | 5.9 | 60 |
| 81 | Impact of Coupled Transmission-Distribution on Static Voltage Stability Assessment. IEEE Transactions on Power Systems, 2017, 32, 3311-3312. | 4.6 | 30 |
| 82 | EV charging behaviour analysis and modelling based on mobile crowdsensing data. IET Generation, Transmission and Distribution, 2017, 11, 1683-1691. | 1.4 | 38 |
| 83 | Voltage security regions considering wind power curtailment to prevent cascading trip faults in wind power integration areas. IET Renewable Power Generation, 2017, 11, 54-62. | 1.7 | 16 |
| 84 | Feasible region method based integrated heat and electricity dispatch considering building thermal inertia. Applied Energy, 2017, 192, 395-407. | 5.1 | 164 |
| 85 | Wind Power Providing Flexible Ramp Product. IEEE Transactions on Power Systems, 2017, 32, 2049-2061. | 4.6 | 91 |
| 86 | State estimation for steam networks considering drainage and parameter uncertainties. , 2017, , . | | 2 |
| 87 | A multi-objective evaluation method for distributed integrated energy system. , 2017, , . | | 3 |
| 88 | Building energy management based on demand response strategy considering dynamic thermal characteristic. , 2017, , . | | 3 |
| 89 | Variable parameter Kalman filter based dynamic harmonic state estimation for power systems with wind energy integration. , 2017, , . | | 6 |
| 90 | Applying blockchain technology to decentralized operation in future energy internet. , 2017, , . | | 39 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 91 | Fully distributed multi-area dynamic economic dispatch method with second-order convergence for active distribution networks. IET Generation, Transmission and Distribution, 2017, 11, 3955-3965. | 1.4 | 28 |
| 92 | Charging station selection optimization based on electric and traffic information. , 2017, , . | | 2 |
| 93 | Dynamic reactive power optimal allocation to decrease wind power curtailment in a large-scale wind power integration area. IET Renewable Power Generation, 2017, 11, 1667-1678. | 1.7 | 33 |
| 94 | Study on the dynamic reactive power characteristics of MMC-MTDC for wind farm integration. Journal of Engineering, 2017, 2017, 691-695. | 0.6 | 1 |
| 95 | A two-level voltage stability monitoring method based on P-V sensitivity assessment. , 2017, , . | | 0 |
| 96 | Robust optimal shunt dispatch method in wind farm integration area. Journal of Engineering, 2017, 2017, 1829-1832. | 0.6 | 2 |
| 97 | Optimal dispatch model for district heating network based on interior-point method. , 2017, , . | | 2 |
| 98 | Data driven method for transient stability prediction of power systems considering incomplete measurements. , 2017, , . | | 4 |
| 99 | A distributed power routing method between regional markets based on Bellman-Ford algorithm. , 2017, , . | | 2 |
| 100 | Nash bargain and complementarity approach based efficient/economic dispatch in combined cooling heating and power system. , 2017, , . | | 3 |
| 101 | A routing optimization model for EMS of power systems considering cyber-physical interdependence. , 2017, , . | | 2 |
| 102 | Influence of N-1 contingency in natural gas system on power system. , 2017, , . | | 5 |
| 103 | Heating network quasi-dynamic model of multi-energy flow system based on forward method. , 2017, , . | | 2 |
| 104 | Case studies of demand response in multi-energy industrial parks. , 2017, , . | | 7 |
| 105 | Equivalencing-tracking-based method for incorporating distributed energy resources in transmission system economic dispatch. Journal of Engineering, 2017, 2017, 1029-1034. | 0.6 | 1 |
| 106 | Dynamic reactive power optimal allocation to reduce cascading risks based on SVM. , 2016, , . | | 0 |
| 107 | Real-time analysis of transient voltage security based on off-line database and data fitting. , 2016, , . | | 1 |
| 108 | A bilateral reserve market for variable generation: Concept and implementation. , 2016, , . | | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 109 | Autonomous Voltage Security Regions to Prevent Cascading Trip Faults in Wind Turbine Generators. IEEE Transactions on Sustainable Energy, 2016, 7, 1306-1316. | 5.9 | 25 |
| 110 | Coordinated Voltage Control of a Wind Farm Based on Model Predictive Control. IEEE Transactions on Sustainable Energy, 2016, 7, 1440-1451. | 5.9 | 79 |
| 111 | Multi-area economic dispatch via state space decomposition. , 2016, , . | | 0 |
| 112 | ADMM-based decentralized demand response method in electric vehicle virtual power plant. , 2016, , . | | 5 |
| 113 | Robust unit commitment considering reserve from grid-scale energy storage. , 2016, , . | | 2 |
| 114 | Crucial power flow interface discrimination based on distributed improved-SVM classification in a big data set. , 2016, , . | | 3 |
| 115 | Power system multi-day stochastic scheduling considering the uncertainty of CSP/wind plants. , 2016, , . | | 1 |
| 116 | Cyber-physical assessment and comparison between centralized and distributed control mode in coordinated substation voltage control. , 2016, , . | | 4 |
| 117 | Research on state estimation for combined heat and power networks. , 2016, , . | | 1 |
| 118 | Sufficient Conditions for Exact Relaxation of Complementarity Constraints for Storage-Concerned Economic Dispatch. IEEE Transactions on Power Systems, 2016, 31, 1653-1654. | 4.6 | 86 |
| 119 | Transmission Contingency Screening Considering Impacts of Distribution Grids. IEEE Transactions on Power Systems, 2016, 31, 1659-1660. | 4.6 | 20 |
| 120 | Coordinated Economic Dispatch of Coupled Transmission and Distribution Systems Using Heterogeneous Decomposition. IEEE Transactions on Power Systems, 2016, 31, 4817-4830. | 4.6 | 149 |
| 121 | Multivariate statistical analysis-based power-grid-partitioning method. IET Generation, Transmission and Distribution, 2016, 10, 1023-1031. | 1.4 | 14 |
| 122 | A Generation-Interval-Based Mechanism for Managing the Power Generation Uncertainties of Variable Generation. IEEE Transactions on Sustainable Energy, 2016, 7, 1060-1070. | 5.9 | 5 |
| 123 | Optimal active power control of a wind farm equipped with energy storage system based on distributed model predictive control. IET Generation, Transmission and Distribution, 2016, 10, 669-677. | 1.4 | 50 |
| 124 | Optimal Power Flow With the Consideration of Flexible Transmission Line Impedance. IEEE Transactions on Power Systems, 2016, 31, 1655-1656. | 4.6 | 25 |
| 125 | Cloud tracking and forecasting method based on optimization model for PV power forecasting. , 2015, , . | | 5 |
| 126 | Exact Penalty Function Based Constraint Relaxation Method for Optimal Power Flow Considering Wind Generation Uncertainty. IEEE Transactions on Power Systems, 2015, 30, 1546-1547. | 4.6 | 19 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 127 | Interval radial power flow using extended DistFlow formulation and Krawczyk iteration method with sparse approximate inverse preconditioner. IET Generation, Transmission and Distribution, 2015, 9, 1998-2006. | 1.4 | 37 |
| 128 | Coordinated multi-area economic dispatch via multi-parametric programming. , 2015, , . | | 0 |
| 129 | A secondary voltage control method for an AC/DC coupled transmission system based on model predictive control. , 2015, , . | | 0 |
| 130 | Voltage security analysis with high PVs penetration considering the interaction of transmission and distribution grids: Case studies. , 2015, , . | | 2 |
| 131 | A Bi-Level Branch and Bound Method for Economic Dispatch With Disjoint Prohibited Zones Considering Network Losses. IEEE Transactions on Power Systems, 2015, 30, 2841-2855. | 4.6 | 66 |
| 132 | A Two-Level Distributed Approach to Power Network Modeling. IEEE Transactions on Power Delivery, 2015, 30, 1496-1504. | 2.9 | 4 |
| 133 | Reducing Generation Uncertainty by Integrating CSP With Wind Power: An Adaptive Robust Optimization-Based Analysis. IEEE Transactions on Sustainable Energy, 2015, 6, 583-594. | 5.9 | 92 |
| 134 | Distributed Model Predictive Control of a Wind Farm for Optimal Active Power ControlPart I: Clustering-Based Wind Turbine Model Linearization. IEEE Transactions on Sustainable Energy, 2015, 6, 831-839. | 5.9 | 130 |
| 135 | Distributed Model Predictive Control of a Wind Farm for Optimal Active Power ControlPart II: Implementation With Clustering-Based Piece-Wise Affine Wind Turbine Model. IEEE Transactions on Sustainable Energy, 2015, 6, 840-849. | 5.9 | 80 |
| 136 | Cyber-Physical Modeling and Cyber-Contingency Assessment of Hierarchical Control Systems. IEEE Transactions on Smart Grid, 2015, 6, 2375-2385. | 6.2 | 168 |
| 137 | Impacts of optimization interval on home energy scheduling for thermostatically controlled appliances. CSEE Journal of Power and Energy Systems, 2015, 1, 90-100. | 1.7 | 18 |
| 138 | A robust method based storage aggregator model for grid dispatch. , 2015, , . | | 0 |
| 139 | Graph theory based splitting strategies for power system islanding operation. , 2015, , . | | 9 |
| 140 | Multi-time interval power system state estimation incorporating phasor measurements. , 2015, , . | | 9 |
| 141 | Robust mean-variance optimization model for grid-connected microgrids. , 2015, , . | | 9 |
| 142 | Optimal siting and sizing of Energy Storage System for power systems with large-scale wind power integration. , 2015, , . | | 17 |
| 143 | PMU Uncertainty Quantification in Voltage Stability Analysis. IEEE Transactions on Power Systems, 2015, 30, 2196-2197. | 4.6 | 23 |
| 144 | Interval Power Flow Analysis Using Linear Relaxation and Optimality-Based Bounds Tightening (OBBT) Methods. IEEE Transactions on Power Systems, 2015, 30, 177-188. | 4.6 | 62 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 145 | Master-Slave-Splitting Based Distributed Global Power Flow Method for Integrated Transmission and Distribution Analysis. IEEE Transactions on Smart Grid, 2015, 6, 1484-1492. | 6.2 | 191 |
| 146 | The study of unit commitment considering wind forecasting power. , 2014, , . | | 1 |
| 147 | A Static Voltage Security Region for Centralized Wind Power Integration-Part II: Applications. Energies, 2014, 7, 444-461. | 1.6 | 14 |
| 148 | A Static Voltage Security Region for Centralized Wind Power Integration-Part I: Concept and Method. Energies, 2014, 7, 420-443. | 1.6 | 12 |
| 149 | A Fast Solution for the Lagrange Multiplier-Based Electric Power Network Parameter Error Identification Model. Energies, 2014, 7, 1288-1299. | 1.6 | 6 |
| 150 | Fast Coordinated Control of DFIG Wind Turbine Generators for Low and High Voltage Ride-Through. Energies, 2014, 7, 4140-4156. | 1.6 | 26 |
| 151 | A decentralized optimization method to track electric vehicle aggregator's optimal charging plan. , 2014, , . | | 6 |
| 152 | Parameter identifiability analysis of power system transient models based on profile likelihood. , 2014, , . | | 1 |
| 153 | A V2G prototype system: Design, field test and discussion. , 2014, , . | | 0 |
| 154 | Supplemental control for enhancing primary frequency response of DFIG-based wind farm considering security of wind turbines. , 2014, , . | | 6 |
| 155 | Wind farm side optimal power flow based on DistFlow and SOCP: Model and case study. , 2014, , . | | 3 |
| 156 | Research on the optimization of combined heat and power microgrids with renewable energy. , 2014, , . | | 6 |
| 157 | A Robust Wind Power Optimization Method for Look-Ahead Power Dispatch. IEEE Transactions on Sustainable Energy, 2014, 5, 507-515. | 5.9 | 128 |
| 158 | A systematic study of system-wide automatic coordinated voltage control for TNB system. , 2014, , . | | 1 |
| 159 | Continuation power flow based on a novel local geometric parameterisation approach. IET Generation, Transmission and Distribution, 2014, 8, 811-818. | 1.4 | 6 |
| 160 | Security evaluation for distribution power system using improved MIQCP based restoration strategy. , 2014, , . | | 3 |
| 161 | Loop-analysis-based continuation power flow algorithm for distribution networks. IET Generation, Transmission and Distribution, 2014, 8, 1284-1292. | 1.4 | 31 |
| 162 | Rapid-Charging Navigation of Electric Vehicles Based on Real-Time Power Systems and Traffic Data. IEEE Transactions on Smart Grid, 2014, 5, 1969-1979. | 6.2 | 146 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 163 | Big-M Based MIQP Method for Economic Dispatch With Disjoint Prohibited Zones. IEEE Transactions on Power Systems, 2014, 29, 976-977. | 4.6 | 63 |
| 164 | Absolute Value Constraint Based Method for Interval Optimization to SCED Model. IEEE Transactions on Power Systems, 2014, 29, 980-981. | 4.6 | 23 |
| 165 | Dynamic Economic Dispatch Using Lagrangian Relaxation With Multiplier Updates Based on a Quasi-Newton Method. IEEE Transactions on Power Systems, 2013, 28, 4516-4527. | 4.6 | 86 |
| 166 | An Efficient State Estimation Algorithm Considering Zero Injection Constraints. IEEE Transactions on Power Systems, 2013, 28, 2651-2659. | 4.6 | 19 |
| 167 | Optimal Voltage Control of PJM Smart Transmission Grid: Study, Implementation, and Evaluation. IEEE Transactions on Smart Grid, 2013, 4, 1665-1674. | 6.2 | 37 |
| 168 | Accuracy evaluation indexes for power system state estimation results. , 2013, , . | | 2 |
| 169 | Emission-Concerned Wind-EV Coordination on the Transmission Grid Side With Network Constraints: Concept and Case Study. IEEE Transactions on Smart Grid, 2013, 4, 1692-1704. | 6.2 | 75 |
| 170 | Dynamic economic dispatch with spinning reserve constraints considering wind power integration. , 2013, , . | | 3 |
| 171 | Analog-Digital Power System State Estimation Based on Information Theory—Part I: Theory. IEEE Transactions on Smart Grid, 2013, 4, 1640-1646. | 6.2 | 14 |
| 172 | TOU-based optimal energy management for smart home. , 2013, , . | | 9 |
| 173 | Development and Analysis of Applicability of a Hybrid Transient Simulation Platform Combining TSA and EMT Elements. IEEE Transactions on Power Systems, 2013, 28, 357-366. | 4.6 | 80 |
| 174 | Design of an online intelligent alarming system for cascading failures of group of wind farms. , 2013, , . | | 1 |
| 175 | A quadratic robust optimization model for automatic voltage control on wind farm side. , 2013, , . | | 1 |
| 176 | A hybrid simulation method for EVs' operation considering power grid and traffic information. , 2013, , . | | 2 |
| 177 | Power system online security operational trend analysis and simulation results. , 2013, , . | | 3 |
| 178 | Reactive power substitution between rapid and slow dynamic var compensators. , 2013, , . | | 0 |
| 179 | A two-level online parameter identification approach. , 2013, , . | | 3 |
| 180 | Family of energy management system for smart grid. , 2012, , . | | 6 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 181 | An online intelligent alarm-processing system based on abductive reasoning network. , 2012, , . | | 9 |
| 182 | A simulation and training system for active distribution network. , 2012, , . | | 1 |
| 183 | Real-time local voltage stability monitoring based on PMU and recursive least square method with variable forgetting factors. , 2012, , . | | 5 |
| 184 | Two-level distributed modeling of protection device based on IEC 61850. , 2012, , . | | 3 |
| 185 | GPF-based method for evaluating EVs' free charging impacts in distribution system. , 2012, , . | | 0 |
| 186 | A sensitivity based simplified model for security constrained optimal power flow. , 2012, , . | | 4 |
| 187 | Network model based coordinated automatic voltage control strategy for wind farm. , 2012, , . | | 5 |
| 188 | Distributed Automatic Voltage Control framework for large-scale wind integration in China. , 2012, , . | | 6 |
| 189 | Transition to a Two-Level Linear State Estimatorâ€”Part I: Architecture. IEEE Transactions on Power Systems, 2011, 26, 46-53. | 4.6 | 87 |
| 190 | Transition to a Two-Level Linear State Estimatorâ€”Part II: Algorithm. IEEE Transactions on Power Systems, 2011, 26, 54-62. | 4.6 | 94 |
| 191 | Study on wind-EV complementation in transmission grid side. , 2011, , . | | 37 |
| 192 | Substation three-phase nonlinear state estimation based on KCL. , 2011, , . | | 8 |
| 193 | Research on architecture of ITS based Smart Charging Guide System. , 2011, , . | | 16 |
| 194 | A distribution management system based on loop analysis method. , 2011, , . | | 0 |
| 195 | Smart Transmission Grid: Vision and Framework. IEEE Transactions on Smart Grid, 2010, 1, 168-177. | 6.2 | 829 |
| 196 | A wave filtering based electric load curve decomposition method for AGC. , 2010, , . | | 0 |
| 197 | Study of system-wide Automatic Voltage Control on PJM system. , 2010, , . | | 5 |
| 198 | Preliminary research on power demand model of high energy consumers for smart grid in China. , 2010, , . | | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|----|-----------|
| 199 | Three-phase DFIG steady model and fast three-phase load flow algorithm for distribution power systems. , 2010, , . | | 7 |
| 200 | Real-time measured fault impedance and EMS based transient stability on-line forecasting. , 2010, , . | | 1 |
| 201 | PGFB: A hybrid feature selection method based on mutual information. , 2010, , . | | 6 |
| 202 | Modeling, simulating and online setting-checking for protective relay. , 2009, , . | | 4 |
| 203 | Applications and extension of CIM standard in chinese electrical power control centers. , 2009, , . | | 9 |
| 204 | Development and applications of system-wide automatic voltage control system in China. , 2009, , . | | 28 |
| 205 | PMU measurements and EMS models based transient stability on-line forecasting. , 2009, , . | | 4 |
| 206 | Two-level PMU-based linear state estimator. , 2009, , . | | 6 |
| 207 | Distributed power flow calculation for whole networks including transmission and distribution. , 2008, , . | | 10 |
| 208 | PMU based voltage stability analysis for transmission corridors. , 2008, , . | | 3 |
| 209 | Design of a hierarchical network remodeling system based on IEC61970 for electrical power control centers in China. , 2008, , . | | 6 |
| 210 | A new generation of EMS implemented in Chinese electric power control centers. , 2008, , . | | 5 |
| 211 | Minimum information loss based state estimation for power systems. , 2006, , . | | 4 |