Xiao-Ping Zhang

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7657756/publications.pdf Version: 2024-02-01



| # | Article | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Modeling of Plug-in Hybrid Electric Vehicle Charging Demand in Probabilistic Power Flow Calculations. IEEE Transactions on Smart Grid, 2012, 3, 492-499. | 9.0 | 360 |
| 2 | Small signal stability analysis and optimal control of a wind turbine with doubly fed induction generator. IET Generation, Transmission and Distribution, 2007, 1, 751. | 2.5 | 261 |
| 3 | Flexible AC Transmission Systems: Modelling and Control. Power Systems, 2012, , . | 0.5 | 195 |
| 4 | Basic topology and key devices of the five-terminal DC grid. CSEE Journal of Power and Energy Systems, 2015, 1, 22-35. | 1.1 | 193 |
| 5 | Multiterminal Voltage-Sourced Converter-Based HVDC Models for Power Flow Analysis. IEEE Transactions on Power Systems, 2004, 19, 1877-1884. | 6.5 | 173 |
| 6 | Initial review of methods for cascading failure analysis in electric power transmission systems IEEE PES CAMS task force on understanding, prediction, mitigation and restoration of cascading failures. , 2008, , . | | 168 |
| 7 | Real-Time Scheduling of Residential Appliances via Conditional Risk-at-Value. IEEE Transactions on Smart Grid, 2014, 5, 1282-1291. | 9.0 | 142 |
| 8 | Modeling and Control of AWS-Based Wave Energy Conversion System Integrated Into Power Grid. IEEE Transactions on Power Systems, 2008, 23, 1196-1204. | 6.5 | 127 |
| 9 | Review and prospect of compressed air energy storage system. Journal of Modern Power Systems and Clean Energy, 2016, 4, 529-541. | 5.4 | 119 |
| 10 | Elimination of Commutation Failures of LCC HVDC System with Controllable Capacitors. IEEE Transactions on Power Systems, 2016, 31, 3289-3299. | 6.5 | 116 |
| 11 | Decentralized Nonlinear Control of Wind Turbine With Doubly Fed Induction Generator. IEEE Transactions on Power Systems, 2008, 23, 613-621. | 6.5 | 111 |
| 12 | Advanced modeling of the multicontrol functional static synchronous series compensator (SSSC) in newton power flow. IEEE Transactions on Power Systems, 2003, 18, 1410-1416. | 6.5 | 104 |
| 13 | Real-time Energy Control Approach for Smart Home Energy Management System. Electric Power Components and Systems, 2014, 42, 315-326. | 1.8 | 101 |
| 14 | Small signal stability analysis and control of the wind turbine with the direct-drive permanent magnet generator integrated to the grid. Electric Power Systems Research, 2009, 79, 1661-1667. | 3.6 | 92 |
| 15 | Optimal siting and sizing of distributed generation in distribution systems with PV solar farm utilized as STATCOM (PV-STATCOM). Applied Energy, 2018, 210, 1092-1100. | 10.1 | 92 |
| 16 | Commutation Failure Elimination of LCC HVDC Systems Using Thyristor-Based Controllable Capacitors. IEEE Transactions on Power Delivery, 2018, 33, 1448-1458. | 4.3 | 89 |
| 17 | A Solution to the Chance-Constrained Two-Stage Stochastic Program for Unit Commitment With Wind Energy Integration. IEEE Transactions on Power Systems, 2016, 31, 4185-4196. | 6.5 | 84 |
| 18 | Continuation Three-Phase Power Flow: A Tool for Voltage Stability Analysis of Unbalanced Three-Phase Power Systems, JEFE Transactions on Power Systems, 2005, 20, 1320-1329 | 6.5 | 81 |

| # | Article | IF | CITATIONS |
|----|--|------|-----------|
| 19 | Modeling of the generalized unified power flow controller (GUPFC) in a nonlinear interior point OPF. IEEE Transactions on Power Systems, 2001, 16, 367-373. | 6.5 | 79 |
| 20 | Reactive Power and AC Voltage Control of LCC HVDC System With Controllable Capacitors. IEEE Transactions on Power Systems, 2017, 32, 753-764. | 6.5 | 73 |
| 21 | Artificial intelligence based smart energy community management: A reinforcement learning approach. CSEE Journal of Power and Energy Systems, 2019, , . | 1.1 | 72 |
| 22 | Asymmetrical three-phase load-flow study based on symmetrical component theory. IET Generation, Transmission and Distribution, 1994, 141, 248. | 1.1 | 71 |
| 23 | Fast three phase load flow methods. IEEE Transactions on Power Systems, 1996, 11, 1547-1554. | 6.5 | 69 |
| 24 | Optimal Control for AWS-Based Wave Energy Conversion System. IEEE Transactions on Power Systems, 2009, 24, 1747-1755. | 6.5 | 69 |
| 25 | Stochastic Small-Signal Stability of Power Systems With Wind Power Generation. IEEE Transactions on Power Systems, 2015, 30, 1680-1689. | 6.5 | 65 |
| 26 | Integrated port energy system considering integrated demand response and energy interconnection. International Journal of Electrical Power and Energy Systems, 2020, 117, 105654. | 5.5 | 65 |
| 27 | Modeling, Control Strategy, and Power Conditioning for Direct-Drive Wave Energy Conversion to Operate With Power Grid. Proceedings of the IEEE, 2013, 101, 925-941. | 21.3 | 64 |
| 28 | Three Control Approaches for Optimized Energy Flow With Home Energy Management System. IEEE Power and Energy Technology Systems Journal, 2015, 2, 21-31. | 2.8 | 63 |
| 29 | Apigenin's anticancer properties and molecular mechanisms of action: Recent advances and future prospectives. Chinese Journal of Natural Medicines, 2017, 15, 321-329. | 1.3 | 60 |
| 30 | Hybrid hydrogel photonic barcodes for multiplex detection of tumor markers. Biosensors and Bioelectronics, 2017, 87, 264-270. | 10.1 | 60 |
| 31 | Aggregator service for PV and battery energy storage systems of residential building. CSEE Journal of Power and Energy Systems, 2015, 1, 3-11. | 1.1 | 58 |
| 32 | A Scalable Privacy-Preserving Multi-Agent Deep Reinforcement Learning Approach for Large-Scale Peer-to-Peer Transactive Energy Trading. IEEE Transactions on Smart Grid, 2021, 12, 5185-5200. | 9.0 | 58 |
| 33 | Coordinated Design of Multiple Robust FACTS Damping Controllers: A BMI-Based Sequential Approach With Multi-Model Systems. IEEE Transactions on Power Systems, 2015, 30, 3150-3159. | 6.5 | 56 |
| 34 | Start-Up Control of an Offshore Integrated MMC Multi-Terminal HVDC System With Reduced DC Voltage. IEEE Transactions on Power Systems, 2016, 31, 2740-2751. | 6.5 | 53 |
| 35 | Vulnerability assessment for cascading failures in electric power systems. , 2009, , . | | 51 |
| 36 | A DC current flow controller for meshed modular multilevel converter multiterminal HVDC grids. CSEE Journal of Power and Energy Systems, 2015, 1, 43-51. | 1.1 | 51 |

| # | Article | IF | CITATIONS |
|----|---|------|-----------|
| 37 | An intrusion detection method for internet of things based on suppressed fuzzy clustering. Eurasip Journal on Wireless Communications and Networking, 2018, 2018, . | 2.4 | 51 |
| 38 | Impacts of Energy Storage on Short Term Operation Planning Under Centralized Spot Markets. IEEE Transactions on Smart Grid, 2014, 5, 1110-1118. | 9.0 | 50 |
| 39 | A Wind-Wave Farm System With Self-Energy Storage and Smoothed Power Output. IEEE Access, 2016, 4, 8634-8642. | 4.2 | 49 |
| 40 | Multi-control functional static synchronous compensator (STATCOM) in power system steady-state operations. Electric Power Systems Research, 2004, 72, 269-278. | 3.6 | 44 |
| 41 | Composite load models based on field measurements and their applications in dynamic analysis. IET Generation, Transmission and Distribution, 2007, 1, 724. | 2.5 | 44 |
| 42 | AC Filterless Flexible LCC HVDC With Reduced Voltage Rating of Controllable Capacitors. IEEE Transactions on Power Systems, 2018, 33, 5507-5518. | 6.5 | 42 |
| 43 | Advanced implementation of UPFC in a nonlinear interior-point OPF. IET Generation, Transmission and Distribution, 2001, 148, 489. | 1.1 | 40 |
| 44 | Near-Infrared Fusion via Color Regularization for Haze and Color Distortion Removals. IEEE Transactions on Circuits and Systems for Video Technology, 2018, 28, 3111-3126. | 8.3 | 40 |
| 45 | Coordinated algorithms for distributed state estimation with synchronized phasor measurements. Applied Energy, 2012, 96, 253-260. | 10.1 | 39 |
| 46 | Subâ \in synchronous interactions in power systems with wind turbines: a review. IET Renewable Power Generation, 2019, 13, 4-15. | 3.1 | 38 |
| 47 | Wind Power Smoothing by Controlling the Inertial Energy of Turbines With Optimized Energy Yield. IEEE Access, 2017, 5, 23374-23382. | 4.2 | 37 |
| 48 | A Combined Method of Improved Grey BP Neural Network and MEEMD-ARIMA for Day-Ahead Wave Energy Forecast. IEEE Transactions on Sustainable Energy, 2021, 12, 2404-2412. | 8.8 | 37 |
| 49 | Parameterization of Linear Supply Functions in Nonlinear AC Electricity Market Equilibrium Models—Part I: Literature Review and Equilibrium Algorithm. IEEE Transactions on Power Systems, 2013, 28, 650-658. | 6.5 | 36 |
| 50 | Control and protection sequence for recovery and reconfiguration of an offshore integrated MMC multi-terminal HVDC system under DC faults. International Journal of Electrical Power and Energy Systems, 2017, 86, 81-92. | 5.5 | 35 |
| 51 | Nonlinear interior-point optimal power flow method based on a current mismatch formulation. IET Generation, Transmission and Distribution, 2005, 152, 795. | 1.1 | 34 |
| 52 | Review of Middle East energy interconnection development. Journal of Modern Power Systems and Clean Energy, 2017, 5, 917-935. | 5.4 | 34 |
| 53 | Fast Frequency Support From Wind Turbine Systems by Arresting Frequency Nadir Close to Settling Frequency. IEEE Open Access Journal of Power and Energy, 2020, 7, 191-202. | 3.4 | 33 |
| 54 | Hybrid Control Strategy for AC Voltage Stabilization in Bipolar VSC-MTDC. IEEE Transactions on Power Systems, 2019, 34, 129-139. | 6.5 | 32 |

| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 55 | Integrated resources planning in microgrids considering interruptible loads and shiftable loads. Journal of Modern Power Systems and Clean Energy, 2018, 6, 802-815. | 5.4 | 31 |
| 56 | Energy Quality: A Definition. IEEE Open Access Journal of Power and Energy, 2020, 7, 430-440. | 3.4 | 31 |
| 57 | Electricity market equilibrium analysis based on nonlinear interior point algorithm with complementarity constraints. IET Generation, Transmission and Distribution, 2007, 1, 603. | 2.5 | 30 |
| 58 | Two-stage stochastic dual dynamic programming for transmission expansion planning with significant renewable generation and N-k criterion. CSEE Journal of Power and Energy Systems, 2016, 2, 3-10. | 1.1 | 30 |
| 59 | Series Capacitor Compensated AC Filterless Flexible LCC HVDC With Enhanced Power Transfer Under Unbalanced Faults. IEEE Transactions on Power Systems, 2019, 34, 3069-3080. | 6.5 | 30 |
| 60 | Layer-Based Approach for Image Pair Fusion. IEEE Transactions on Image Processing, 2016, 25, 2866-2881. | 9.8 | 29 |
| 61 | Modeling and Control of Wind Turbine with Doubly Fed Induction Generator. , 2006, , . | | 28 |
| 62 | Harmonic Analysis of Modular Multilevel Matrix Converter for Fractional Frequency Transmission System. IEEE Transactions on Power Delivery, 2020, 35, 1209-1219. | 4.3 | 27 |
| 63 | Real-Time FPGA-RTDS Co-Simulator for Power Systems. IEEE Access, 2018, 6, 44917-44926. | 4.2 | 26 |
| 64 | Wind Power Prediction of Kernel Extreme Learning Machine Based on Differential Evolution Algorithm and Cross Validation Algorithm. IEEE Access, 2020, 8, 68874-68882. | 4.2 | 26 |
| 65 | Impact of increased wind power generation on subsynchronous resonance of turbine-generator units. Journal of Modern Power Systems and Clean Energy, 2016, 4, 219-228. | 5.4 | 25 |
| 66 | Frequency Support Control Method for Interconnected Power Systems Using VSC-MTDC. IEEE Transactions on Power Systems, 2021, 36, 2304-2313. | 6.5 | 25 |
| 67 | Distributionally Robust Joint Chance-Constrained Dispatch for Integrated Transmission-Distribution Systems via Distributed Optimization. IEEE Transactions on Smart Grid, 2022, 13, 2132-2147. | 9.0 | 25 |
| 68 | Congestion Management of Transmission Systems Using FACTS. , 0, , . | | 24 |
| 69 | Design of STATCOM damping control with multiple operating points: a multimodel LMI approach. IET Generation, Transmission and Distribution, 2006, 153, 375. | 1.1 | 24 |
| 70 | Flexible powerâ€pointâ€ŧrackingâ€based frequency regulation strategy for PV system. IET Renewable Power Generation, 2020, 14, 1797-1807. | 3.1 | 24 |
| 71 | Building Damage Detection via Superpixel-Based Belief Fusion of Space-Borne SAR and Optical Images. IEEE Sensors Journal, 2020, 20, 2008-2022. | 4.7 | 24 |
| 72 | Global Electricity Interconnection With 100% Renewable Energy Generation. IEEE Access, 2021, 9, 113169-113186 | 4.2 | 24 |

| # | Article | IF | CITATIONS |
|----|--|------|-----------|
| 73 | Modelling of the static synchronous series compensator (SSSC) in three-phase Newton power flow. IET Generation, Transmission and Distribution, 2004, 151, 486. | 1.1 | 23 |
| 74 | Thermodynamic Analysis of a Hybrid Power System Combining Kalina Cycle with Liquid Air Energy Storage. Entropy, 2019, 21, 220. | 2.2 | 23 |
| 75 | Impact of introducing penalty-cost on optimal design of renewable energy systems for net zero energy buildings. Applied Energy, 2019, 235, 106-116. | 10.1 | 23 |
| 76 | Multi-Objective Optimal STATCOM Allocation for Voltage Sag Mitigation. IEEE Transactions on Power Delivery, 2020, 35, 1410-1422. | 4.3 | 23 |
| 77 | Small Signal Stability of Fractional Frequency Transmission System With Offshore Wind Farms. IEEE Transactions on Sustainable Energy, 2016, 7, 1538-1546. | 8.8 | 21 |
| 78 | An epidemiological investigation of leukemia incidence between 2003 and 2007 in Nanjing, China. Journal of Hematology and Oncology, 2010, 3, 21. | 17.0 | 20 |
| 79 | Automatic Selection Method for Candidate Lines in Transmission Expansion Planning. IEEE Access, 2018, 6, 11605-11613. | 4.2 | 20 |
| 80 | Resilience enhancement strategy for multi-energy systems considering multi-stage recovery process and multi-energy coordination. Energy, 2022, 241, 122834. | 8.8 | 20 |
| 81 | Control and protection strategy for MMC MTDC system under converter-side AC fault during converter blocking failure. Journal of Modern Power Systems and Clean Energy, 2014, 2, 272-281. | 5.4 | 19 |
| 82 | Preclinical Pharmacological Evaluation of a Novel Multiple Kinase Inhibitor, ON123300, in Brain Tumor Models. Molecular Cancer Therapeutics, 2014, 13, 1105-1116. | 4.1 | 19 |
| 83 | General Energy Filters for Power Smoothing, Tracking and Processing Using Energy Storage. IEEE Access, 2017, 5, 19373-19382. | 4.2 | 19 |
| 84 | Coordinated design and application of robust damping controllers for shunt FACTS devices to enhance small-signal stability of large-scale power systems. CSEE Journal of Power and Energy Systems, 2017, 3, 399-407. | 1.1 | 19 |
| 85 | Hierarchical and Robust Scheduling Approach for VSC-MTDC Meshed AC/DC Grid With High Share of Wind Power. IEEE Transactions on Power Systems, 2021, 36, 793-805. | 6.5 | 19 |
| 86 | Polymorphisms of dihydropyrimidine dehydrogenase gene and clinical outcomes of gastric cancer patients treated with fluorouracil-based adjuvant chemotherapy in Chinese population. Chinese Medical Journal, 2012, 125, 741-6. | 2.3 | 18 |
| 87 | Model predictive control for energy storage systems in a network with high penetration of renewable energy and limited export capacity. , 2014, , . | | 17 |
| 88 | Robust Damping Control of Power Systems With TCSC: A Multi-Model BMI Approach With H <formula formulatype="inline"> <tex notation="TeX">\$_{2}\$</tex></formula> Performance. IEEE Transactions on Power Systems, 2014, 29, 1512-1521. | 6.5 | 16 |
| 89 | Continuation Power Flow in Distribution System Analysis. , 2006, , . | | 15 |
| 90 | Gambogenic Acid Exerts Antitumor Activity in Hypoxic Multiple Myeloma Cells by Regulation of miR-21. Journal of Cancer, 2017, 8, 3278-3286. | 2.5 | 15 |

| # | Article | IF | CITATIONS |
|-----|---|------|-----------|
| 91 | Mitigation of subâ€synchronous control interaction of a power system with DFIGâ€based wind farm under multiâ€operating points. IET Generation, Transmission and Distribution, 2018, 12, 5834-5842. | 2.5 | 15 |
| 92 | Coordinated Start-Up Control and Inter-Converter Oscillations Damping for MMC-HVDC Grid. IEEE Access, 2019, 7, 65093-65102. | 4.2 | 15 |
| 93 | Solar power generation intermittency and aggregation. Scientific Reports, 2022, 12, 1363. | 3.3 | 15 |
| 94 | Advanced unified power flow controller model for power system steady state control. , 0, , . | | 14 |
| 95 | Comparison between two probabilistic load flow methods for reliability assessment. , 2009, , . | | 14 |
| 96 | Iterative DC Optimal Power Flow Considering Transmission Network Loss. Electric Power Components and Systems, 2016, 44, 955-965. | 1.8 | 14 |
| 97 | Market Equilibrium in Active Distribution System With \$mu \$ VPPs: A Coevolutionary Approach. IEEE Access, 2017, 5, 8194-8204. | 4.2 | 14 |
| 98 | Small Signal Model of Modular Multilevel Matrix Converter for Fractional Frequency Transmission System. IEEE Access, 2019, 7, 110187-110196. | 4.2 | 14 |
| 99 | Modelling and experimental validation of advanced adiabatic compressed air energy storage with offâ€design heat exchanger. IET Renewable Power Generation, 2020, 14, 389-398. | 3.1 | 14 |
| 100 | Optimal location of unified power flow controller for congestion management. European Transactions on Electrical Power, 2010, 20, 600-610. | 1.0 | 13 |
| 101 | A Solar–Thermal-Assisted Adiabatic Compressed Air Energy Storage System and Its Efficiency Analysis. Applied Sciences (Switzerland), 2018, 8, 1390. | 2.5 | 13 |
| 102 | Wind–Wave Coupling Model for Wave Energy Forecast. IEEE Transactions on Sustainable Energy, 2019, 10, 586-595. | 8.8 | 13 |
| 103 | Proposal-Copula-Based Fusion of Spaceborne and Airborne SAR Images for Ship Target DetectionâŽâŽ. Information Fusion, 2022, 77, 247-260. | 19.1 | 13 |
| 104 | Analysis and selection of transmission line models used in power system transient simulations. International Journal of Electrical Power and Energy Systems, 1995, 17, 239-246. | 5.5 | 12 |
| 105 | Clinical outcomes of transfusion-associated iron overload in patients with refractory chronic anemia. Patient Preference and Adherence, 2014, 8, 513. | 1.8 | 12 |
| 106 | Analytical approximate calculation of losses for modular multilevel converters. IET Generation, Transmission and Distribution, 2015, 9, 2455-2465. | 2.5 | 12 |
| 107 | Penalty-cost-based design optimization of renewable energy system for net zero energy buildings. Energy Procedia, 2018, 147, 7-14. | 1.8 | 12 |
| 108 | Droop Control for a Multi-Line Current Flow Controller in Meshed Multi-Terminal HVDC Grid Under Large DC Disturbances. IEEE Power and Energy Technology Systems Journal, 2018, 5, 35-46. | 2.8 | 12 |

| # | Article | IF | CITATIONS |
|-----|---|-----|-----------|
| 109 | Small-Signal Stability Analysis of the Interactions Between Voltage Source Converters and DC Current Flow Controllers. IEEE Open Access Journal of Power and Energy, 2020, 7, 2-12. | 3.4 | 12 |
| 110 | An Improved Hybrid PSO-TS Algorithm for Solving Nonlinear Equations of SHEPWM in Multilevel Inverters. IEEE Access, 2022, 10, 48112-48125. | 4.2 | 12 |
| 111 | More sophisticated synchronous machine model and the relevant harmonic power flow study. IET Generation, Transmission and Distribution, 1999, 146, 261. | 1.1 | 11 |
| 112 | Impact of the Transformer Tap-Ratio Control on the Electricity Market Equilibrium. IEEE Transactions on Power Systems, 2008, 23, 65-75. | 6.5 | 11 |
| 113 | Integrated Pharmacokinetic-Driven Approach to Screen Candidate Anticancer Drugs for Brain Tumor Chemotherapy. AAPS Journal, 2013, 15, 250-257. | 4.4 | 11 |
| 114 | Contributing to DSO's Energy-Reserve Pool: A Chance-Constrained Two-Stage \$mu \$ VPP Bidding Strategy. IEEE Power and Energy Technology Systems Journal, 2017, 4, 94-105. | 2.8 | 11 |
| 115 | Distributed adjustable robust optimal power-gas flow considering wind power uncertainty. International Journal of Electrical Power and Energy Systems, 2022, 139, 107963. | 5.5 | 11 |
| 116 | Decoupled asymmetrical three-phase load flow study by parallel processing. IET Generation, Transmission and Distribution, 1996, 143, 61. | 1.1 | 10 |
| 117 | Application of the battery energy storage in wave energy conversion system. , 2009, , . | | 10 |
| 118 | Small-signal Stability Analysis and Control System Design of a Meshed Multi-terminal High-Voltage Direct Current Grid with a Current Flow Controller. Electric Power Components and Systems, 2016, 44, 1126-1137. | 1.8 | 10 |
| 119 | Economic Dispatch of an Integrated Heat-Power Energy Distribution System with a Concentrating Solar Power Energy Hub. Journal of Energy Engineering - ASCE, 2017, 143, . | 1.9 | 10 |
| 120 | SSR Analysis of DFIG-Based Wind Farm With VSM Control Strategy. IEEE Access, 2019, 7, 118702-118711. | 4.2 | 10 |
| 121 | AC Grids Characteristics Oriented Multi-Point Voltage Coordinated Control Strategy for VSC-MTDC. IEEE Access, 2019, 7, 7728-7736. | 4.2 | 10 |
| 122 | Robust modeling of the interline power flow controller and the generalized unified power flow controller with small impedances in power flow analysis. Electrical Engineering, 2006, 89, 1-9. | 2.0 | 9 |
| 123 | A grid for tomorrow [power transmission grid improvements]. Power Engineering Journal, 2006, 20, 22. | 0.1 | 9 |
| 124 | Management of Congestion Costs Utilizing FACTS Controllers in a Bilateral Electricity Market Environment. , 2007, , . | | 9 |
| 125 | SPM of nonlinear surface plasmon waveguides. Optics Communications, 2008, 281, 5009-5013. | 2.1 | 9 |
| | | | |

A vision of electricity network congestion management with FACTS and HVDC. , 2008, , .

9

| # | Article | IF | CITATIONS |
|-----|---|-----|-----------|
| 127 | FACTS-Devices and Applications. Power Systems, 2012, , 1-30. | 0.5 | 9 |
| 128 | A Configurable \$mu \$ VPP With Managed Energy Services: A Malmo Western Harbour Case. IEEE Power and Energy Technology Systems Journal, 2016, 3, 166-178. | 2.8 | 9 |
| 129 | Design of a reward-penalty cost for the promotion of net-zero energy buildings. Energy, 2019, 180, 36-49. | 8.8 | 9 |
| 130 | Universal Power Flow Algorithm for Bipolar Multi-Terminal VSC-HVDC. Energies, 2020, 13, 1053. | 3.1 | 9 |
| 131 | Economic Analysis of Power Grid Interconnections Among Europe, North-East Asia, and North America With 100% Renewable Energy Generation. IEEE Open Access Journal of Power and Energy, 2021, 8, 268-280. | 3.4 | 9 |
| 132 | Optimization and trading of district multi-energy system in university community considering carbon emission. International Journal of Electrical Power and Energy Systems, 2022, 137, 107450. | 5.5 | 9 |
| 133 | Congestion Management of Electricity Markets Using FACTS Controllers. IEEE Power Engineering Society General Meeting, 2007, , . | 0.0 | 8 |
| 134 | Modeling and control of the wind turbine with the Direct Drive Permanent Magnet Generator integrated to power grid. , 2008, , . | | 8 |
| 135 | Towards European smart grids. , 2011, , . | | 8 |
| 136 | Accelerated Newton–Raphson power flow. European Transactions on Electrical Power, 2012, 22, 504-517. | 1.0 | 8 |
| 137 | A converter-based general interface for AC microgrid integrating to the grid. , 2013, , . | | 8 |
| 138 | A Joint Smart Generation Scheduling Approach for Wind Thermal Pumped Storage Systems. Electric Power Components and Systems, 2014, 42, 372-385. | 1.8 | 8 |
| 139 | A comparative thermodynamic analysis of Kalina and organic Rankine cycles for hot dry rock: a prospect study in the Gonghe Basin. Frontiers in Energy, 2020, 14, 889-900. | 2.3 | 8 |
| 140 | Distributed Optimal Power Flow for VSC-MTDC Meshed AC/DC Grids Using ALADIN. IEEE Transactions on Power Systems, 2022, 37, 4861-4873. | 6.5 | 8 |
| 141 | Screening candidate anticancer drugs for brain tumor chemotherapy: Pharmacokinetic-driven approach for a series of (E)-N-(substituted aryl)-3-(substituted phenyl)propenamide analogues. Investigational New Drugs, 2012, 30, 2263-2273. | 2.6 | 7 |
| 142 | A Cluster-Based Baseline Load Calculation Approach for Individual Industrial and Commercial Customer. Energies, 2019, 12, 64. | 3.1 | 7 |
| 143 | The Value and Optimal Sizes of Energy Storage Units in Solar-Assist Cogeneration Energy Hubs. Applied Sciences (Switzerland), 2020, 10, 4994. | 2.5 | 7 |
| 144 | Electric Vehicle Charging Simulation Framework Considering Traffic, User, and Power Grid. Journal of Modern Power Systems and Clean Energy, 2021, 9, 602-611. | 5.4 | 7 |

| # | Article | IF | CITATIONS |
|-----|--|------|-----------|
| 145 | Isolation and Suppression of Forced Oscillations Through Wind Farms Under Grid Following and Grid Forming Control. IEEE Access, 2021, 9, 76446-76460. | 4.2 | 7 |
| 146 | Coordinated Damping Control Design for Power System With Multiple Virtual Synchronous Generators Based on Prony Method. IEEE Open Access Journal of Power and Energy, 2021, 8, 316-328. | 3.4 | 7 |
| 147 | The Impact of Reactive Power on the Electricity Market Equilibrium. , 2006, , . | | 6 |
| 148 | Unified power flow controller models for three-phase power flow analysis. Electrical Engineering, 2006, 88, 247-257. | 2.0 | 6 |
| 149 | Control strategy for AWS based wave energy conversion system. , 2010, , . | | 6 |
| 150 | Marine Energy: The Key for the Development of Sustainable Energy Supply [Point of View]. Proceedings of the IEEE, 2012, 100, 3-5. | 21.3 | 6 |
| 151 | Sensorimotor self-learning model based on operant conditioning for two-wheeled robot. Journal of Shanghai Jiaotong University (Science), 2017, 22, 148-155. | 0.9 | 6 |
| 152 | Advanced RTDSâ€based studies of the impact of STATCOM on feeder distance protection. Journal of Engineering, 2018, 2018, 1038-1042. | 1.1 | 6 |
| 153 | Evaluation of latent membrane protein 1 and microRNA‑155 for the prognostic prediction of diffuse large B cell lymphoma. Oncology Letters, 2018, 15, 9725-9734. | 1.8 | 6 |
| 154 | Transfer function based equivalent modeling method for wind farm. Journal of Modern Power Systems and Clean Energy, 2019, 7, 549. | 5.4 | 6 |
| 155 | Voltage source control of offshore allâ€DC wind farm. IET Renewable Power Generation, 2019, 13, 2986-2993. | 3.1 | 6 |
| 156 | Fault Self-Recovering Control Strategy of Bipolar VSC-MTDC for Large-Scale Renewable Energy Integration. IEEE Transactions on Power Systems, 2022, 37, 3036-3047. | 6.5 | 6 |
| 157 | Small-Signal Stability of DC Current Flow Controller Integrated Meshed Multi-Terminal HVDC System. IEEE Transactions on Power Systems, 2023, 38, 188-203. | 6.5 | 6 |
| 158 | Single-End Based Fault Location Method for VSC-HVDC Transmission Systems. IEEE Access, 2022, 10, 43129-43142. | 4.2 | 6 |
| 159 | Study of characteristics of fiber Bragg grating with uniaxial crystal material cladding. Optics Communications, 2003, 219, 193-198. | 2.1 | 5 |
| 160 | Comprehensive modelling of the unified power flow controller for power system control. Electrical Engineering, 2006, 88, 241-246. | 2.0 | 5 |
| 161 | Modelling and control of offshore wind farm with VSC-HVDC transmission system. , 2010, , | | 5 |
| 162 | Parameterization of linear supply functions in nonlinear AC electricity market equilibrium models - Part II: Case studies. IEEE Transactions on Power Systems, 2013, 28, 659-668. | 6.5 | 5 |

| # | Article | IF | CITATIONS |
|-----|---|------|-----------|
| 163 | Start-Up Sequences of an Offshore Integrated MMC MTDC System. , 2015, , . | | 5 |
| 164 | Effect of pomalidomide on relapsed/refractory multiple myeloma: a systematic review and meta-analysis. Journal of Cancer, 2017, 8, 1801-1808. | 2.5 | 5 |
| 165 | Overlapping Animal Sound Classification Using Sparse Representation. , 2018, , . | | 5 |
| 166 | Parametric Analysis and Optimization of a DC Current Flow Controller in Meshed MTDC Grids. IEEE Access, 2019, 7, 87960-87976. | 4.2 | 5 |
| 167 | Cost Analysis and Comparison between Modular Multilevel Converter (MMC) and Modular Multilevel Matrix Converter (M3C) for Offshore Wind Power Transmission. , 2019, , . | | 5 |
| 168 | The Identification of ECG Signals Using WT-UKF and IPSO-SVM. Sensors, 2022, 22, 1962. | 3.8 | 5 |
| 169 | Frequency-dependent simple harmonic model of synchronous machines. IEEE Power Engineering Review, 2000, 20, 58-60. | 0.1 | 4 |
| 170 | The Chinese Electricity Market Infrastructure and Operation System: Current Status and Future Development. IEEE Power Engineering Society General Meeting, 2007, , . | 0.0 | 4 |
| 171 | Energy loss minimization of electricity networks with large wind generation using FACTS. , 2008, , . | | 4 |
| 172 | Electricity market equilibrium of nonlinear power systems with reactive power control. Electric Power Systems Research, 2010, 80, 537-546. | 3.6 | 4 |
| 173 | Parameter Tuning for Wind Turbine with Doubly Fed Induction Generator Using PSO. , 2010, , . | | 4 |
| 174 | Marine Energy Technology [Sanning the Issue]. Proceedings of the IEEE, 2013, 101, 862-865. | 21.3 | 4 |
| 175 | A novel management scheme of multiple microgrids via a common interface. , 2015, , . | | 4 |
| 176 | FPGA-based detailed EMTP. , 2017, , . | | 4 |
| 177 | Treatment and prognostic factors for survival in newly diagnosed multiple myeloma patients with bortezomib and dexamethasone regimen: a single Chinese center retrospective study. Cancer Management and Research, 2017, Volume 9, 373-380. | 1.9 | 4 |
| 178 | Thermodynamic Analysis of a Hybrid Trigenerative Compressed Air Energy Storage System with Solar Thermal Energy. Entropy, 2020, 22, 764. | 2.2 | 4 |
| 179 | Technological Research of a Clean Energy Router Based on Advanced Adiabatic Compressed Air Energy Storage System. Entropy, 2020, 22, 1440. | 2.2 | 4 |
| 180 | Economic Performance of Net-Zero Energy Community under Reward-Penalty Mechanism Considering PV System Reliability. Environmental and Climate Technologies, 2019, 23, 26-42. | 1.4 | 4 |

| # | Article | IF | CITATIONS |
|-----|---|-----|-----------|
| 181 | Efficacy of carfilzomib in the treatment of relapsed and (or) refractory multiple myeloma: a meta-analysis of data from clinical trials. Discovery Medicine, 2016, 22, 189-199. | 0.5 | 4 |
| 182 | The Identification of ECG Signals Using Wavelet Transform and WOA-PNN. Sensors, 2022, 22, 4343. | 3.8 | 4 |
| 183 | Theoretical Study of Electro-Optic Effect and Elasto-Optic Effect in Chirped Fiber Grating with Uniaxial Crystal Materials Cladding. Optical and Quantum Electronics, 2004, 36, 469-481. | 3.3 | 3 |
| 184 | Innovative and massively deployed sensors in electric power systems. , 2008, , . | | 3 |
| 185 | Self-Phase modulation in nonlinear 2-D plasma waveguides. Optics Communications, 2009, 282, 4303-4307. | 2.1 | 3 |
| 186 | The interleukin-10-1082A>G polymorphism and lymphoma risk: A meta-analysis. Cancer Biomarkers, 2014, 14, 381-388. | 1.7 | 3 |
| 187 | Robust coordination damping control of multi-model system with FACTS devices via sequential approach. , 2015, , . | | 3 |
| 188 | Development of European Energy Internet and the role of Energy Union. , 2019, , 347-367. | | 3 |
| 189 | Detection and Identification of Hematologic Malignancies and Solid Tumors by an Electrochemical Technique. PLoS ONE, 2016, 11, e0153821. | 2.5 | 3 |
| 190 | Polymorphism of methylenetetrahydrofolate reductase gene is associated with response to fluorouracil-based chemotherapy in Chinese patients with gastric cancer. Chinese Medical Journal, 2014, 127, 3562-7. | 2.3 | 3 |
| 191 | Impact of wind turbines on power system stability. , 2007, , . | | 2 |
| 192 | Market Equilibrium in Congested Transmission Networks with Transformer Tap-Ratio Control. , 2007, , | | 2 |
| 193 | Test systems for Economic Analysis — An introduction. , 2010, , . | | 2 |
| 194 | Guest Editorial: Introduction to the special section on planning and operation of transmission grid with applications to smart grid& - From concept to implementation. IEEE Transactions on Smart Grid, 2013, 4, 1619-1620. | 9.0 | 2 |
| 195 | Severe thrombocytopenia after dasatinib treatment in a patient with Philadelphia chromosome-positive chronic myeloid leukemia. OncoTargets and Therapy, 2015, 8, 955. | 2.0 | 2 |
| 196 | DC fault management for VSC MTDC system using delayed-auto-re-configuration scheme. , 2015, , . | | 2 |
| 197 | Interactive Gaussian-sum filtering for estimating systematic risk in financial econometrics. , 2017, , . | | 2 |
| 198 | Robust Parameter Estimation and Output Prediction for Nonlinear Water Quality Control in Water Distribution Systems. Journal of Water Resources Planning and Management - ASCE, 2018, 144, . | 2.6 | 2 |

| # | Article | IF | CITATIONS |
|-----|--|-----|-----------|
| 199 | Voltage source control of offshore allâ€DC wind farm. Journal of Engineering, 2019, 2019, 4718-4722. | 1.1 | 2 |
| 200 | Optimal Bi-Level Scheduling Method of Vehicle-to-Grid and Ancillary Services of Aggregators with Conditional Value-at-Risk. Energies, 2021, 14, 7015. | 3.1 | 2 |
| 201 | Voltage control of common capacitor and self-faults analysis of DC current flow controllers for meshed multi-terminal HVDC grids. Energy Reports, 2022, 8, 752-761. | 5.1 | 2 |
| 202 | Application of NMI to the Design of FACTS Damping Control with Multiple Operating Points. , 2007, , . | | 1 |
| 203 | New entries in the electricity market: Choosing the best location for a new generating unit. , 2008, , . | | 1 |
| 204 | Electricity market modelling with photovoltaic active and reactive power generation. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2009, 42, 98-103. | 0.4 | 1 |
| 205 | Modeling of Multi-Functional Single Converter FACTS in Power Flow Analysis. Power Systems, 2012, , 31-66. | 0.5 | 1 |
| 206 | IGBT based high power DC-DC converters. , 2012, , . | | 1 |
| 207 | Guest Editorial: Introduction to the special section on energy storage applications for smart grid. IEEE Transactions on Smart Grid, 2014, 5, 935-936. | 9.0 | 1 |
| 208 | Efficacy and safety evaluation of fludarabine-based chemotherapy regimen for patients with non-Hodgkin lymphoma. Medicine (United States), 2017, 96, e7781. | 1.0 | 1 |
| 209 | RTDSâ€based HIL testing platform for complex modern electricity transmission systems. Journal of Engineering, 2018, 2018, 1315-1320. | 1.1 | 1 |
| 210 | Simplified hybrid reliability simulation approach of a VSC DC grid with integration of an improved DC current flow controller. Microelectronics Reliability, 2020, 114, 113782. | 1.7 | 1 |
| 211 | Association of Janus Kinase 2(JAK2) A830G Polymorphism with Acute Leukemia Susceptibility Blood, 2009, 114, 1573-1573. | 1.4 | 1 |
| 212 | Adaptive Direct Output Voltage Control of STATCOM for Dynamic Voltage Support. , 2021, , . | | 1 |
| 213 | A Novel Gate Electrode of CNT-FED. , 2006, , . | | 0 |
| 214 | Rapid numerical difference recurrent formula of nonlinear SchrĶdinger equation and its application. Optics Communications, 2007, 270, 379-383. | 2.1 | 0 |
| 215 | Plenary Session: Wave Generation: Operation and Control Challenges. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2009, 42, 7-9. | 0.4 | 0 |
| 216 | Power Electronic Control for Wind Generation Systems. Power Systems, 2012, , 499-546. | 0.5 | 0 |

| # | Article | IF | CITATIONS |
|-----|--|-----|-----------|
| 217 | Modeling of FACTS-Devices in Optimal Power Flow Analysis. Power Systems, 2012, , 113-156. | 0.5 | 0 |
| 218 | Modeling of Multi-Converter FACTS in Power Flow Analysis. Power Systems, 2012, , 67-111. | 0.5 | 0 |
| 219 | Steady State Voltage Stability of Unbalanced Three-Phase Power Systems. Power Systems, 2012, , 245-267. | 0.5 | 0 |
| 220 | Modeling of FACTS in Three-Phase Power Flow and Three-Phase OPF Analysis. Power Systems, 2012, , 157-212. | 0.5 | 0 |
| 221 | Steady State Power System Voltage Stability Analysis and Control with FACTS. Power Systems, 2012, , 213-244. | 0.5 | Ο |
| 222 | Transfer characteristics of thyristor-based HVDC convertor in subsynchronous and low frequency band. International Transactions on Electrical Energy Systems, 2013, 23, 835-845. | 1.9 | 0 |
| 223 | Study of Skinner automaton implemented on tracking targets. , 2014, , . | | 0 |
| 224 | A self-learning sensorimotor model based on operant conditioning theory. , 2015, , . | | 0 |
| 225 | Development of an Advanced LCC-HVDC Model for Transmission System. , 2015, , . | | 0 |
| 226 | A new kind of learning algorithm with the mechanism of intrinsic motivation. , 2016, , . | | 0 |
| 227 | Methodology for P&C cyber security studies using realâ€ŧime digital simulation. Journal of Engineering, 2018, 2018, 1130-1134. | 1.1 | 0 |
| 228 | The Impact on Power System with Wind Integration from Multiple Virtual Synchronous Machines. , 2019, , . | | 0 |
| 229 | More Efficient AC Filterless Flexible LCC HVDC by Analyzing the Impact of Single-Phase Fault on Commutations. IEEE Access, 2021, 9, 7643-7654. | 4.2 | Ο |
| 230 | The Preparation Of PLGA-PLL-Peg Nanoparticles Simultaneously Loaded With Daunorubicin and Tetrandrine By Modified Double-Emulsion Method. Blood, 2013, 122, 4918-4918. | 1.4 | 0 |
| 231 | An improved DC current flow controller with double quadrants operation and fault isolation capability. Energy Reports, 2020, 6, 856-862. | 5.1 | 0 |
| 232 | Reactive Power and AC Voltage Support from Flexible LCC HVDC to Wind Energy Integrated Power System. , 2020, , . | | 0 |
| 233 | Assessing the impact of LCC HVDC system on dynamic behaviours of Kazakhstan power system. , 2021, , . | | 0 |
| 234 | Optimal Active Power Dispatch Calculation Method for VSC-MTDC. , 2021, , . | | 0 |