List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/4639060/publications.pdf Version: 2024-02-01



LINCLING FAN

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Wind farms in weak grids stability enhancement: SynCon or STATCOM?. Electric Power Systems Research, 2022, 202, 107623. | 3.6 | 4 |
| 2 | Inter-IBR Oscillation Modes. IEEE Transactions on Power Systems, 2022, 37, 824-827. | 6.5 | 10 |
| 3 | Data-Driven Dynamic Modeling in Power Systems: A Fresh Look on Inverter-Based Resource Modeling. IEEE Power and Energy Magazine, 2022, 20, 64-76. | 1.6 | 21 |
| 4 | The cause of sub-cycle overvoltage: Capacitive characteristics of solar PVs. Electric Power Systems Research, 2022, 209, 108039. | 3.6 | 0 |
| 5 | Randomized Dynamic Mode Decomposition for Oscillation Modal Analysis. IEEE Transactions on Power Systems, 2021, 36, 1399-1408. | 6.5 | 19 |
| 6 | Multi-Time Co-optimization of Voltage Regulators and Photovoltaics in Unbalanced Distribution Systems. IEEE Transactions on Sustainable Energy, 2021, 12, 482-491. | 8.8 | 9 |
| 7 | Security constrained DC OPF considering generator responses. Electric Power Systems Research, 2021, 192, 106920. | 3.6 | 3 |
| 8 | Subcycle Overvoltage Dynamics in Solar PVs. IEEE Transactions on Power Delivery, 2021, 36, 1847-1858. | 4.3 | 12 |
| 9 | An alternating direction method of multipliers <scp>â€based</scp> approach to solve <scp>mixedâ€integer</scp> nonlinear volt/var optimization problems in distribution systems. International Transactions on Electrical Energy Systems, 2021, 31, e12795. | 1.9 | 4 |
| 10 | Extended radial Distribution ACOPF Model: Retrieving Exactness Via Convex Iteration. IEEE Transactions on Power Systems, 2021, 36, 4967-4978. | 6.5 | 2 |
| 11 | The Age of Data [About This Issue]. IEEE Electrification Magazine, 2021, 9, 2-4. | 1.8 | 0 |
| 12 | Comparison of Synchronous Condenser and STATCOM for Wind Farms in Weak Grids. , 2021, , . | | 3 |
| 13 | Modeling and Control of Grid-following Single-Phase Voltage-Sourced Converter. , 2021, , . | | 1 |
| 14 | Dynamic Parameter Estimation Based on Rank-Reduced Prony Analysis. , 2021, , . | | 0 |
| 15 | Time-Domain Measurement-Based \$DQ\$-Frame Admittance Model Identification for Inverter-Based Resources. IEEE Transactions on Power Systems, 2021, 36, 2211-2221. | 6.5 | 21 |
| 16 | Mixed integer programming formulation for fault identification based on MicroPMUs. International Transactions on Electrical Energy Systems, 2021, 31, e12949. | 1.9 | 1 |
| 17 | On Converter Topology, Control, and Modeling [About This Issue]. IEEE Electrification Magazine, 2021, 9, 2-4. | 1.8 | 0 |
| 18 | Reduced-Order Analytical Models of Grid-Connected Solar Photovoltaic Systems for Low-Frequency Oscillation Analysis. IEEE Transactions on Sustainable Energy, 2021, 12, 1662-1671. | 8.8 | 21 |

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Identifying DQ-Domain Admittance Models of a 2.3-MVA Commercial Grid-Following Inverter via Frequency-Domain and Time-Domain Data. IEEE Transactions on Energy Conversion, 2021, 36, 2463-2472. | 5.2 | 12 |
| 20 | Root Cause Analysis of AC Overcurrent in July 2020 San Fernando Disturbance. IEEE Transactions on Power Systems, 2021, 36, 4892-4895. | 6.5 | 3 |
| 21 | Analytical model building for Type-3 wind farm subsynchronous oscillation analysis. Electric Power Systems Research, 2021, 201, 107566. | 3.6 | 7 |
| 22 | Stability analysis of two types of g <scp>ridâ€forming</scp> converters for weak grids. International Transactions on Electrical Energy Systems, 2021, 31, e13136. | 1.9 | 6 |
| 23 | Stability enhancement module for <scp>gridâ€following</scp> converters: Hardware implementation and validation. International Transactions on Electrical Energy Systems, 2021, 31, e13115. | 1.9 | 0 |
| 24 | Stability Analysis of VSC Systems Using 3 $	ilde{A}$ —3 Admittance Measurements. , 2021, , . | | 2 |
| 25 | Dynamic Performance of Type-4 Wind with Synchronous Condenser during Weak Grids and Faults. , 2021, , . | | 2 |
| 26 | Weak Grid Operation of A Grid-Following Current-Sourced PV Solar System. , 2021, , . | | 2 |
| 27 | Practical Start-Up Process of Multiple Grid-Tied Voltage-Sourced Inverters in Laboratory. , 2021, , . | | 2 |
| 28 | Measured Admittance Model for Dynamic Simulation of Inverter-Based Resources Using Numerical Laplace Transform. , 2021, , . | | 0 |
| 29 | Inner Current Controls of Grid-Connected PV for Unbalanced Grid Conditions. , 2021, , . | | 4 |
| 30 | Grid Forming Inverter: Laboratory-Scale Hardware Test Bed Setup and Weak Grid Operation. , 2021, , . | | 3 |
| 31 | Hardware Demonstration of Weak Grid Oscillations in Grid-Following Converters. , 2021, , . | | 5 |
| 32 | Small-Signal Stability Analysis of Type-4 Wind in Series-Compensated Networks. IEEE Transactions on Energy Conversion, 2020, 35, 529-538. | 5.2 | 38 |
| 33 | Wind in Weak Grids: Low-Frequency Oscillations, Subsynchronous Oscillations, and Torsional Interactions. IEEE Transactions on Power Systems, 2020, 35, 109-118. | 6.5 | 129 |
| 34 | Microgrid Stability Definitions, Analysis, and Examples. IEEE Transactions on Power Systems, 2020, 35, 13-29. | 6.5 | 422 |
| 35 | Replicating Real-World Wind Farm SSR Events. IEEE Transactions on Power Delivery, 2020, 35, 339-348. | 4.3 | 57 |
| 36 | Optimal PMU placement for modeling power grid observability with mathematical programming methods. International Transactions on Electrical Energy Systems, 2020, 30, e12182. | 1.9 | 31 |

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | A sparse convex AC OPF solver and convex iteration implementation based on 3-node cycles. Electric Power Systems Research, 2020, 180, 106169. | 3.6 | 7 |
| 38 | An Optimal Power Control Strategy for Grid-Following Inverters in a Synchronous Frame. Applied Sciences (Switzerland), 2020, 10, 6730. | 2.5 | 8 |
| 39 | Innovation Is About Integration [About This Issue]. IEEE Electrification Magazine, 2020, 8, 2-4. | 1.8 | 0 |
| 40 | Induction Machines limits Identification During Abnormal Conditions Using an Optimization Algorithm. , 2020, , . | | 0 |
| 41 | Electrification Is Key to Our Economy [About This Issue]. IEEE Electrification Magazine, 2020, 8, 2-5. | 1.8 | 0 |
| 42 | A tutorial on dataâ€driven eigenvalue identification: Prony analysis, matrix pencil, and eigensystem realization algorithm. International Transactions on Electrical Energy Systems, 2020, 30, e12283. | 1.9 | 40 |
| 43 | Admittance-Based Stability Analysis: Bode Plots, Nyquist Diagrams or Eigenvalue Analysis?. IEEE Transactions on Power Systems, 2020, 35, 3312-3315. | 6.5 | 83 |
| 44 | Operation of Parallel Grid-Connected PVs Due to an Islanding Event. , 2020, , . | | 1 |
| 45 | Modeling Type-4 Wind in Weak Grids. IEEE Transactions on Sustainable Energy, 2019, 10, 853-864. | 8.8 | 102 |
| 46 | Rankâ€1 positive semidefinite matrixâ€based nonlinear programming formulation for AC OPF. International Transactions on Electrical Energy Systems, 2019, 29, e12095. | 1.9 | 1 |
| 47 | Editorial: Introduction to the Special Section on Dynamic Modeling, System Identification, Analysis, and Control of Renewable Distributed Energy Resources for Grid Integration. IEEE Transactions on Sustainable Energy, 2019, 10, 1397-1398. | 8.8 | 0 |
| 48 | New auxiliary variable-based ADMM for nonconvex AC OPF. Electric Power Systems Research, 2019, 174, 105867. | 3.6 | 3 |
| 49 | Data Analytics of Real-World PV/Battery Systems. , 2019, , . | | 1 |
| 50 | Loss Locational Sensitivity in Distribution Systems. , 2019, , . | | 2 |
| 51 | Mixed-Integer SDP Relaxation-based Volt/Var Optimization for Unbalanced Distribution Systems. , 2019, , . | | 4 |
| 52 | Comparison of Islanding and Synchronization for a Microgrid with Different Converter Control. , 2019, , . | | 4 |
| 53 | Data-Driven Dynamic Model Identification for Synchronous Generators. , 2019, , . | | 2 |
| 54 | PMU Measurements for Oscillation Monitoring: Connecting Prony Analysis with Observability. , 2019, , | | 8 |

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 55 | Day-Ahead Distribution Market Analysis Via Convex Bilevel Programming. , 2019, , . | | 1 |
| 56 | Realization of Enhanced Phase Locked Loop using Raspberry Pi and LabVIEW. , 2019, , . | | 1 |
| 57 | Dynamic Mode Decomposition in Various Power System Applications. , 2019, , . | | 9 |
| 58 | Operation of Parallel Grid-Supporting PVs. , 2019, , . | | 1 |
| 59 | Stability Control for Wind in Weak Grids. IEEE Transactions on Sustainable Energy, 2019, 10, 2094-2103. | 8.8 | 61 |
| 60 | Least Squares Estimation Based SDP Cuts for SOCP Relaxation of AC OPF. IEEE Transactions on Automatic Control, 2018, 63, 241-248. | 5.7 | 24 |
| 61 | A Novel Multi-Agent Decision Making Architecture Based on Dual's Dual Problem Formulation. IEEE Transactions on Smart Grid, 2018, 9, 1150-1160. | 9.0 | 10 |
| 62 | An Explanation of Oscillations Due to Wind Power Plants Weak Grid Interconnection. IEEE Transactions on Sustainable Energy, 2018, 9, 488-490. | 8.8 | 76 |
| 63 | Distribution Locational Marginal Pricing (DLMP) for Multiphase Systems. , 2018, , . | | 11 |
| 64 | MIP-Based Fault Location Identification Using MicroPMUs. , 2018, , . | | 2 |
| 65 | Power Grid Partitioning: Static and Dynamic Approaches. , 2018, , . | | 1 |
| 66 | DC State Estimation Model-Based Mixed Integer Semidefinite Programming for Optimal PMU Placement. , 2018, , . | | 3 |
| 67 | Performance of Branch-Current Based Distribution System State Estimation. , 2018, , . | | 4 |
| 68 | Labs for EGN 3375 Electromechanical Energy Systems at University of South Florida. , 2018, , . | | 0 |
| 69 | Volt/Var Optimization with Minimum Equipment Operation under High PV Penetration. , 2018, , . | | 7 |
| 70 | Bilevel Programming-Based Unit Commitment for Locational Marginal Price Computation. , 2018, , . | | 3 |
| 71 | Real-Time Simulation of Electric Vehicle Battery Charging Systems. , 2018, , . | | 6 |
| 72 | Wind in Weak Grids: 4ÂHz or 30ÂHz Oscillations?. IEEE Transactions on Power Systems, 2018, 33, 5803-5804. | 6.5 | 77 |

| # | Article | IF | CITATIONS |
|----|---|------|-----------|
| 73 | Planning Energy Storage and Photovoltaic Panels for Demand Response With Heating Ventilation and Air Conditioning Systems. IEEE Transactions on Industrial Informatics, 2018, 14, 5029-5037. | 11.3 | 26 |
| 74 | Achieving Economic Operation and Secondary Frequency Regulation Simultaneously Through Local Feedback Control. IEEE Transactions on Power Systems, 2017, 32, 85-93. | 6.5 | 11 |
| 75 | Stability Analysis of Two Parallel Converters with Voltage-Current Droop Control. IEEE Transactions on Power Delivery, 2017, , 1-1. | 4.3 | 32 |
| 76 | Data fusion-based distributed Prony analysis. Electric Power Systems Research, 2017, 143, 634-642. | 3.6 | 16 |
| 77 | Economic dispatch with heavy loading and maximum loading identification using convex relaxation of AC OPF. , 2017, , . | | Ο |
| 78 | Mixed integer linear programming and nonlinear programming for optimal PMU placement. , 2017, , . | | 10 |
| 79 | ADMM for nonconvex AC optimal power flow. , 2017, , . | | 5 |
| 80 | Design robust cascade control structure for voltage source converters. , 2017, , . | | 2 |
| 81 | Bender's decomposition algorithm for model predictive control of a modular multi-level converter. , 2017, , . | | Ο |
| 82 | Space vector-based synchronous machine modeling. , 2017, , . | | 0 |
| 83 | Mixed integer linear programming formulation for chance constrained mathematical programs with equilibrium constraints. , 2017, , . | | 13 |
| 84 | Loss allocation in AC OPF-based financial transmission rights auction models. , 2017, , . | | 0 |
| 85 | DQ-axis current-based droop controller. , 2017, , . | | 1 |
| 86 | Battery identification based on real-world data. , 2017, , . | | 2 |
| 87 | Deriving ARX models for synchronous generators. , 2016, , . | | 4 |
| 88 | Design a robust power system stabilizer on SMIB using Lyapunov theory. , 2016, , . | | 2 |
| 89 | Damping torque analysis of a UPFC installed in a real Chinese power grid. , 2016, , . | | 0 |
| 90 | Interarea Oscillation Revisit. IEEE Transactions on Power Systems, 2016, , 1-1. | 6.5 | 12 |

| # | Article | IF | CITATIONS |
|-----|---|-----|-----------|
| 91 | Implementing consensus based distributed control in power system toolbox. , 2016, , . | | 5 |
| 92 | Consensus ADMM and Proximal ADMM for economic dispatch and AC OPF with SOCP relaxation. , 2016, , \cdot | | 35 |
| 93 | Benders Decomposition for stochastic programming-based PV/Battery/HVAC planning. , 2016, , . | | 4 |
| 94 | Distributed Prony analysis for real-world PMU data. Electric Power Systems Research, 2016, 133, 113-120. | 3.6 | 36 |
| 95 | Achieving Economic Operation and Secondary Frequency Regulation Simultaneously Through Feedback Control. IEEE Transactions on Power Systems, 2016, 31, 3324-3325. | 6.5 | 11 |
| 96 | Real-time simulation and hardware-in-the-loop tests of a battery system. , 2015, , . | | 9 |
| 97 | Mixed integer programming for HVACs operation. , 2015, , . | | 8 |
| 98 | Identification of synchronous generator model with frequency control using unscented Kalman filter. Electric Power Systems Research, 2015, 126, 45-55. | 3.6 | 42 |
| 99 | Minimizing DC system loss in multi-terminal HVDC systems through adaptive droop control. Electric Power Systems Research, 2015, 126, 78-86. | 3.6 | 40 |
| 100 | Frequency-Domain Based DFIG Wind Energy Systems Modeling. , 2015, , 94-127. | | 0 |
| 101 | Multi-Machine Modeling and Inter-Area Oscillation Damping. , 2015, , 128-145. | | 0 |
| 102 | Real-time digital simulation-based modeling of a single-phase single-stage PV system. Electric Power Systems Research, 2015, 123, 85-91. | 3.6 | 19 |
| 103 | State-Space Based DFIG Wind Energy System Modeling. , 2015, , 74-93. | | 0 |
| 104 | PMU-based system identification for a modified classic generator model. , 2015, , . | | 5 |
| 105 | Modular Multilevel Converter based induction machine drive. , 2015, , . | | 5 |
| 106 | A hardware-in-the-loop SCADA testbed. , 2015, , . | | 16 |
| 107 | Initialization of unbalanced radial distribution systems for small signal stability analysis. , 2015, , . | | 1 |
| 108 | Least squares estimation-based synchronous generator parameter estimation using PMU data. , 2015, , . | | 22 |

Least squares estimation-based synchronous generator parameter estimation using PMU data. , 2015, , . 108

| # | Article | IF | CITATIONS |
|-----|--|-----|-----------|
| 109 | Capacitor siting using benders decomposition. , 2015, , . | | Ο |
| 110 | Determine power transfer limits of an SMIB system through linear System Analysis with nonlinear simulation validation. , 2015, , . | | 2 |
| 111 | Circulating current and DC current ripple control in MMC under unbalanced grid voltage. , 2015, , . | | 13 |
| 112 | Unbalance and harmonic mitigation using battery inverters. , 2015, , . | | 7 |
| 113 | Dynamic Phasor-Based Modeling of Unbalanced Radial Distribution Systems. IEEE Transactions on Power Systems, 2015, 30, 3102-3109. | 6.5 | 46 |
| 114 | DC Impedance-Model-Based Resonance Analysis of a VSC–HVDC System. IEEE Transactions on Power Delivery, 2015, 30, 1221-1230. | 4.3 | 102 |
| 115 | Distributed DC Optimal Power Flow for radial networks through partial Primal Dual algorithm. , 2015, , . | | 12 |
| 116 | Integrated control and switching strategy for a grid-connected modular multilevel converter. , 2015, , . | | 5 |
| 117 | Blackstart of an induction motor in an autonomous microgrid. , 2015, , . | | 7 |
| 118 | Least squares estimation and Kalman filter based dynamic state and parameter estimation. , 2015, , . | | 9 |
| 119 | Fast model predictive control algorithms for fast-switching modular multilevel converters. Electric Power Systems Research, 2015, 129, 105-113. | 3.6 | 19 |
| 120 | Impedance Model-Based SSR Analysis for TCSC Compensated Type-3 Wind Energy Delivery Systems. IEEE Transactions on Sustainable Energy, 2015, 6, 179-187. | 8.8 | 92 |
| 121 | A one-step model predictive control for modular multilevel converters. , 2014, , . | | 10 |
| 122 | Mixed integer programming based battery sizing. Energy Systems, 2014, 5, 787-805. | 3.0 | 13 |
| 123 | An SOC-Based Battery Management System for Microgrids. IEEE Transactions on Smart Grid, 2014, 5, 966-973. | 9.0 | 132 |
| 124 | Real-time digital simulation modeling of single-phase PV in RT-LAB. , 2014, , . | | 17 |
| 125 | Multi-agent control of community and utility using Lagrangian relaxation based dual decomposition. Electric Power Systems Research, 2014, 110, 45-54. | 3.6 | 18 |
| 126 | Extended Kalman filtering based real-time dynamic state and parameter estimation using PMU data. Electric Power Systems Research, 2013, 103, 168-177. | 3.6 | 133 |

| # | Article | IF | CITATIONS |
|-----|--|-----|-----------|
| 127 | Impedance-Based Resonance Analysis in a VSC-HVDC System. IEEE Transactions on Power Delivery, 2013, 28, 2209-2216. | 4.3 | 93 |
| 128 | Modeling of Z-source converter for renewable energy integration. , 2013, , . | | 0 |
| 129 | Application of Dynamic State and Parameter Estimation Techniques on Real-World Data. IEEE Transactions on Smart Grid, 2013, 4, 1133-1141. | 9.0 | 80 |
| 130 | Realizing space vector modulation in MATLAB/Simulink and PSCAD. , 2013, , . | | 6 |
| 131 | Least squares based estimation of synchronous generator states and parameters with phasor measurement units. , 2012, , . | | 24 |
| 132 | Influence of no-load superconducting cable's input on distance protection. , 2012, , . | | 0 |
| 133 | Multi objectives operation of cascade inverter-based voltage quality disturbance generator. , 2012, , . | | 0 |
| 134 | Coordinated control of a solar and battery system in a microgrid. , 2012, , . | | 8 |
| 135 | Fast Power Routing Through HVDC. IEEE Transactions on Power Delivery, 2012, 27, 1432-1441. | 4.3 | 26 |
| 136 | Modeling and small signal analysis of a PMSG-based wind generator With sensorless maximum power extraction. , 2012, , . | | 3 |
| 137 | System identification based VSC-HVDC DC voltage controller design. , 2012, , . | | 3 |
| 138 | Dynamic phase based model of Type 1 wind generator for unbalanced operation. , 2012, , . | | 3 |
| 139 | Mitigating SSR Using DFIG-Based Wind Generation. IEEE Transactions on Sustainable Energy, 2012, 3, 349-358. | 8.8 | 220 |
| 140 | Nyquist-Stability-Criterion-Based SSR Explanation for Type-3 Wind Generators. IEEE Transactions on Energy Conversion, 2012, 27, 807-809. | 5.2 | 107 |
| 141 | Wind Farm with HVDC Delivery in Inertial and Primary Frequency Response. Green Energy and Technology, 2012, , 465-483. | 0.6 | 1 |
| 142 | UKF based estimation of synchronous generator electromechanical parameters from phasor measurements. , 2012, , . | | 9 |
| 143 | Control of a battery system to improve operation of a microgrid. , 2012, , . | | 6 |
| 144 | Modeling and simulation of multi-terminal HVDC for wind power delivery. , 2012, , . | | 7 |

9

| # | Article | IF | CITATIONS |
|-----|---|-----|-----------|
| 145 | ON INTEGRATION OF DISTRIBUTED ENERGY RESOURCES TO MICROGRIDS – AN OVERVIEW. International Journal of Power and Energy Systems, 2012, 32, . | 0.2 | 0 |
| 146 | An optimal power flow algorithm considering wind power penetration. , 2011, , . | | 2 |
| 147 | Investigation of Microgrids With Both Inverter Interfaced and Direct AC-Connected Distributed Energy Resources. IEEE Transactions on Power Delivery, 2011, 26, 1634-1642. | 4.3 | 110 |
| 148 | AC or DC power modulation for DFIG wind generation with HVDC delivery to improve interarea oscillation damping. , 2011, , . | | 4 |
| 149 | Estimation of a shunted radial transfer path dynamics using PMUs. , 2011, , . | | 1 |
| 150 | On Active/Reactive Power Modulation of DFIG-Based Wind Generation for Interarea Oscillation Damping. IEEE Transactions on Energy Conversion, 2011, 26, 513-521. | 5.2 | 144 |
| 151 | Coordination between DFIG-based wind farm and LCC-HVDC transmission considering limiting factors. , 2011, , . | | 5 |
| 152 | Modal Analysis of a DFIG-Based Wind Farm Interfaced With a Series Compensated Network. IEEE Transactions on Energy Conversion, 2011, 26, 1010-1020. | 5.2 | 202 |
| 153 | A novel control scheme for DFIC-based wind energy systems under unbalanced grid conditions. Electric Power Systems Research, 2011, 81, 254-262. | 3.6 | 26 |
| 154 | Hybrid modeling of DFIGs for wind energy conversion systems. Simulation Modelling Practice and Theory, 2010, 18, 1032-1045. | 3.8 | 9 |
| 155 | PMU data-based fault location techniques. , 2010, , . | | 10 |
| 156 | Positive-Feedback-Based Active Anti-Islanding Schemes for Inverter-Based Distributed Generators: Basic Principle, Design Guideline and Performance Analysis. IEEE Transactions on Power Electronics, 2010, 25, 2941-2948. | 7.9 | 56 |
| 157 | Modeling of DFIG-Based Wind Farms for SSR Analysis. IEEE Transactions on Power Delivery, 2010, 25, 2073-2082. | 4.3 | 390 |
| 158 | Reactive power modulation for inter-area oscillation damping of DFIG-based wind generation. , 2010, , . | | 5 |
| 159 | Impact of unbalanced grid conditions on PV systems. , 2010, , . | | 11 |
| 160 | Harmonic Analysis of a DFIG for a Wind Energy Conversion System. IEEE Transactions on Energy Conversion, 2010, 25, 181-190. | 5.2 | 136 |
| 161 | Control and analysis of DFIG-based wind turbines in a series compensated network for SSR damping. , 2010, , . | | 15 |
| 162 | Wind Farms With HVdc Delivery in Inertial Response and Primary Frequency Control. IEEE Transactions on Energy Conversion, 2010, 25, 1171-1178. | 5.2 | 119 |

| # | Article | IF | CITATIONS |
|-----|--|-----|-----------|
| 163 | MPPT control for a PMSG-based grid-tied wind generation system. , 2010, , . | | 18 |
| 164 | A unified model of DFIG for simulating acceleration with rotor injection and harmonics in wind energy conversion systems. , 2009, , . | | 0 |
| 165 | Sensorless Maximum Power Point Tracking in multi-type wind energy conversion systems. , 2009, , . | | 12 |
| 166 | Control of DFIG for rotor current harmonics elimination. , 2009, , . | | 12 |
| 167 | Negative sequence compensation techniques of DFIG-based wind energy systems under unbalanced grid conditions. , 2009, , . | | 8 |
| 168 | Coordinated reactive power control of DFIG rotor and grid sides converters. , 2009, , . | | 19 |
| 169 | Control of DFIG-Based Wind Generation to Improve Interarea Oscillation Damping. IEEE Transactions on Energy Conversion, 2009, 24, 415-422. | 5.2 | 191 |
| 170 | Regional transmission planning for large-scale wind power. , 2009, , . | | 14 |
| 171 | Modeling and control of DFIG-based large offshore wind farm with HVDC-link integration. , 2009, , . | | 12 |
| 172 | Review of robust feedback control applications in power systems. , 2009, , . | | 7 |
| 173 | Fault ride through techniques of DFIG-based wind energy systems. , 2009, , . | | 0 |
| 174 | Modeling and simulation of a DFIG-based wind turbine for SSR. , 2009, , . | | 14 |
| 175 | Wind Farms With HVDC Delivery in Load Frequency Control. IEEE Transactions on Power Systems, 2009, 24, 1894-1895. | 6.5 | 60 |
| 176 | A doubly-fed induction generator-based wind generation system with quasi-sine rotor injection. Journal of Power Sources, 2008, 184, 325-330. | 7.8 | 10 |
| 177 | The art of modeling and simulation of induction generator in wind generation applications using high-order model. Simulation Modelling Practice and Theory, 2008, 16, 1239-1253. | 3.8 | 57 |
| 178 | A comparison of slip control, FMA control and vector control in DFIG converter. , 2008, , . | | 1 |
| 179 | Control of DFIG based wind generation to improve inter-area oscillation damping. , 2008, , . | | 23 |
| 180 | Synchronized global Phasor Measurement based inter-area oscillation control considering communication delay. , 2008, , . | | 2 |

| # | Article | IF | CITATIONS |
|-----|--|-----|-----------|
| 181 | Impact of doubly fed wind turbine generation on inter-area oscillation damping. , 2008, , . | | 25 |
| 182 | Modeling and slip control of a doubly fed induction wind turbine generator. , 2008, , . | | 4 |
| 183 | Identification of system wide disturbances using synchronized phasor data and ellipsoid method. , 2008, , . | | 6 |
| 184 | A contingency database for transmission system reliability analysis. , 2008, , . | | 1 |
| 185 | Investigation of the capability of a solid oxide fuel cell power plant supplying a motor load. , 2008, , . | | 0 |
| 186 | Toward a self-healing protection and control system. , 2008, , . | | 11 |
| 187 | Selection and design of a TCSC control signal in damping power system inter-area oscillations for multiple operating conditions. Electric Power Systems Research, 2002, 62, 127-137. | 3.6 | 43 |
| 188 | Robust TCSC control design for damping inter-area oscillations. , 2001, , . | | 12 |
| 189 | Decentralized control of power systems using-disturbance accommodation techniques. , 2001, , . | | 2 |
| 190 | Decentralized stabilization of nonlinear electric power systems using local measurements and feedback linearization. , 0, , . | | 10 |
| 191 | Effective signal selection in decentralized control design of nonlinear interconnected systems. , 0, , . | | 1 |
| 192 | Damping enhancement by TCSC in the Western US Power System. , 0, , . | | 7 |
| 193 | Control and Dynamics in Power Systems and Microgrids. , 0, , . | | 43 |