

# Aranya Chakraborty

## List of Publications by Year in descending order

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Version: 2024-02-01

172  
papers

2,595  
citations

279798

23  
h-index

243625

44  
g-index

174  
all docs

174  
docs citations

174  
times ranked

2115  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | A systems and control perspective of CPS security. Annual Reviews in Control, 2019, 47, 394-411.  | 7.9  | 293       |
| 2  | A Measurement-Based Framework for Dynamic Equivalencing of Large Power Systems Using Wide-Area Phasor Measurements. IEEE Transactions on Smart Grid, 2011, 2, 68-81.                        | 9.0  | 175       |
| 3  | Wide-Area Damping Control of Power Systems Using Dynamic Clustering and TCSC-Based Redesigns. IEEE Transactions on Smart Grid, 2012, 3, 1503-1514.  | 9.0  | 155       |
| 4  | Co-Optimization of Power and Reserves in Dynamic T&D Power Markets With Nondispatchable Renewable Generation and Distributed Energy Resources. Proceedings of the IEEE, 2016, 104, 807-836. | 21.3 | 155       |
| 5  | Introduction to wide-area control of power systems. , 2013, , .   |      | 110       |
| 6  | Distributed Optimization Algorithms for Wide-Area Oscillation Monitoring in Power Systems Using Interregional PMU-PDC Architectures. IEEE Transactions on Smart Grid, 2015, 6, 2529-2538.   | 9.0  | 94        |
| 7  | Synchronized Phasor Data Based Energy Function Analysis of Dominant Power Transfer Paths in Large Power Systems. IEEE Transactions on Power Systems, 2007, 22, 727-734.                     | 6.5  | 79        |
| 8  | Time-scale separation redesigns for stabilization and performance recovery of uncertain nonlinear systems. Automatica, 2009, 45, 34-44.   | 5.0  | 78        |
| 9  | Estimation of Radial Power System Transfer Path Dynamic Parameters Using Synchronized Phasor Data. IEEE Transactions on Power Systems, 2008, 23, 564-571.                                   | 6.5  | 59        |
| 10 | Dynamic Modeling, Stability, and Control of Power Systems With Distributed Energy Resources: Handling Faults Using Two Control Methods in Tandem. IEEE Control Systems, 2019, 39, 34-65.    | 0.8  | 59        |
| 11 | Graph-Theoretic Analysis of Power Systems. Proceedings of the IEEE, 2018, 106, 931-952.   | 21.3 | 58        |
| 12 | ADMM Optimization Strategies for Wide-Area Oscillation Monitoring in Power Systems Under Asynchronous Communication Delays. IEEE Transactions on Smart Grid, 2016, 7, 2123-2133.            | 9.0  | 54        |
| 13 | Identification and Predictive Analysis of a Multi-Area WECC Power System Model Using Synchrophasors. IEEE Transactions on Smart Grid, 2017, 8, 1977-1986.                                   | 9.0  | 50        |
| 14 | Game-Theoretic Multi-Agent Control and Network Cost Allocation Under Communication Constraints. IEEE Journal on Selected Areas in Communications, 2017, 35, 330-340.                        | 14.0 | 49        |
| 15 | Topology identification for dynamic equivalent models of large power system networks. , 2013, , .   |      | 40        |
| 16 | Coordinating Wind Farms and Battery Management Systems for Inter-Area Oscillation Damping: A Frequency-Domain Approach. IEEE Transactions on Power Systems, 2014, 29, 1454-1462.            | 6.5  | 40        |
| 17 | A delay-aware cyber-physical architecture for wide-area control of power systems. Control Engineering Practice, 2017, 60, 171-182.  | 5.5  | 39        |
| 18 | Retrofit Control of Wind-Integrated Power Systems. IEEE Transactions on Power Systems, 2018, 33, 2804-2815.   | 6.5  | 39        |

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 19 | A Real-Time Attack Localization Algorithm for Large Power System Networks Using Graph-Theoretic Techniques. IEEE Transactions on Smart Grid, 2015, 6, 2551-2559.                                     | 9.0  | 33        |
| 20 | Robust Stabilization and Performance Recovery of Nonlinear Systems With Unmodeled Dynamics. IEEE Transactions on Automatic Control, 2009, 54, 1351-1356.   | 5.7  | 32        |
| 21 | Equilibrium Point Analysis and Power Sharing Methods for Distribution Systems Driven by Solid-State Transformers. IEEE Transactions on Power Systems, 2018, 33, 1473-1483.                           | 6.5  | 30        |
| 22 | PMU placement for dynamic equivalencing of power systems under flow observability constraints. Electric Power Systems Research, 2014, 106, 51-61.  | 3.6  | 29        |
| 23 | Dynamic Modeling and Feasibility Analysis of a Solid-State Transformer-Based Power Distribution System. IEEE Transactions on Industry Applications, 2018, 54, 551-562.                               | 4.9  | 29        |
| 24 | Reduced-dimensional reinforcement learning control using singular perturbation approximations. Automatica, 2021, 126, 109451.  | 5.0  | 29        |
| 25 | On Model-Free Reinforcement Learning of Reduced-Order Optimal Control for Singularly Perturbed Systems. , 2018, , .  |      | 28        |
| 26 | Interarea Model Estimation for Radial Power System Transfer Paths With Intermediate Voltage Control Using Synchronized Phasor Measurements. IEEE Transactions on Power Systems, 2009, 24, 1318-1326. | 6.5  | 27        |
| 27 | Time-Scale Modeling of Wind-Integrated Power Systems. IEEE Transactions on Power Systems, 2016, 31, 4712-4721.   | 6.5  | 23        |
| 28 | Distributed wide-area control of power system oscillations under communication and actuation constraints. Control Engineering Practice, 2018, 74, 132-143.   | 5.5  | 22        |
| 29 | Smart Grid Simulations and Their Supporting Implementation Methods. Proceedings of the IEEE, 2017, 105, 2220-2243.   | 21.3 | 21        |
| 30 | Impact of wind farm placement on inter-area oscillations in large power systems. , 2012, , .   |      | 18        |
| 31 | A wide-area SVC controller design for inter-area oscillation damping in WECC based on a structured dynamic equivalent model. Electric Power Systems Research, 2016, 133, 1-11.                       | 3.6  | 18        |
| 32 | An online structurally constrained LQR design for damping oscillations in power system networks. , 2017, , .   |      | 18        |
| 33 | On aggregate control of clustered consensus networks. , 2015, , .  |      | 17        |
| 34 | Structured Identification of Reduced-Order Models of Power Systems in a Differential-Algebraic Form. IEEE Transactions on Power Systems, 2017, 32, 198-207.  | 6.5  | 17        |
| 35 | Scalable Designs for Reinforcement Learning-Based Wide-Area Damping Control. IEEE Transactions on Smart Grid, 2021, 12, 2389-2401.   | 9.0  | 17        |
| 36 | Hardware-in-the-Loop Simulations and Verifications of Smart Power Systems over an Exo-GENI Testbed. , 2013, , .  |      | 16        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 37 | A model predictive control design for selective modal damping in power systems. , 2015, , .   |     | 15        |
| 38 | A Two-Time-Scale Redesign for Robust Stabilization and Performance Recovery of Uncertain Nonlinear Systems. Proceedings of the American Control Conference, 2007, , .                           | 0.0 | 14        |
| 39 | Protecting privacy of topology in consensus networks. , 2015, , .   |     | 14        |
| 40 | Graph-Theoretic Methods for Measurement-Based Input Localization in Large Networked Dynamic Systems. IEEE Transactions on Automatic Control, 2015, 60, 2114-2128.                               | 5.7 | 14        |
| 41 | Control Inversion: A Clustering-Based Method for Distributed Wide-Area Control of Power Systems. IEEE Transactions on Control of Network Systems, 2019, 6, 937-949.                             | 3.7 | 13        |
| 42 | Optimization Algorithms for Catching Data Manipulators in Power System Estimation Loops. IEEE Transactions on Control Systems Technology, 2019, 27, 1203-1218.                                  | 5.2 | 13        |
| 43 | A measurement-based framework for dynamic equivalencing of large power systems using WAMS. , 2010, , .  |     | 11        |
| 44 | Exploring the impact of wind penetration on power system equilibrium using a numerical continuation approach. , 2015, , .   |     | 11        |
| 45 | Fast Online Reinforcement Learning Control Using State-Space Dimensionality Reduction. IEEE Transactions on Control of Network Systems, 2021, 8, 342-353.                                       | 3.7 | 11        |
| 46 | Time-Scale Separation Designs for Performance Recovery of Power Systems With Unknown Parameters and Faults. IEEE Transactions on Control Systems Technology, 2011, 19, 382-390.                 | 5.2 | 10        |
| 47 | A Distributed Cloud-based Wide-Area Controller with SDN-Enabled Delay Optimization. , 2018, , .   |     | 10        |
| 48 | Optimal Power Flow Design for Enhancing Dynamic Performance: Potentials of Reactive Power. IEEE Transactions on Smart Grid, 2021, 12, 599-611.  | 9.0 | 10        |
| 49 | Model-Free Optimal Control of Linear Multiagent Systems via Decomposition and Hierarchical Approximation. IEEE Transactions on Control of Network Systems, 2021, 8, 1069-1081.                  | 3.7 | 10        |
| 50 | A graph-theoretic algorithm for localization of forced harmonic oscillation inputs in power system networks. , 2014, , .  |     | 9         |
| 51 | A real-time distributed Prony-based algorithm for modal estimation of power system oscillations. , 2014, , .  |     | 9         |
| 52 | A Spatio-Temporal Framework for Spectral Analysis and Control of Interarea Oscillations in Wind-Integrated Power Systems. IEEE Transactions on Control Systems Technology, 2014, 22, 1658-1665. | 5.2 | 9         |
| 53 | An intrusion-resilient distributed optimization algorithm for modal estimation in power systems. , 2015, , .  |     | 9         |
| 54 | Equilibria analysis of power systems using a numerical homotopy method. , 2015, , .   |     | 9         |

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|----|--|-----|-----------|
| 55 | Learning Distributed Stabilizing Controllers for Multi-Agent Systems. , 2022, 6, 301-306.  |     | 9         |
| 56 | Virtual smart grid architecture and control framework. , 2011, , .   |     | 8         |
| 57 | Building a dynamic electro-mechanical model for the Pacific AC intertie using distributed synchrophasor measurements. European Transactions on Electrical Power, 2011, 21, 1657-1672.                  | 1.0 | 8         |
| 58 | A study on group communication in distributed wide-area measurement system networks in large power systems. , 2013, , .  |     | 8         |
| 59 | Aggregate control of clustered networks with inter-cluster time delays. , 2016, , .  |     | 8         |
| 60 | Block-Decentralized Model-Free Reinforcement Learning Control of Two Time-Scale Networks. , 2019, , .  |     | 8         |
| 61 | Modeling and Quantifying the Impact of Wind Penetration on Slow Coherency of Power Systems. IEEE Transactions on Power Systems, 2021, 36, 1002-1012.   | 6.5 | 8         |
| 62 | Designing Optimal Key Lengths and Control Laws for Encrypted Control Systems Based on Sample Identifying Complexity and Deciphering Time. IEEE Transactions on Automatic Control, 2023, 68, 2183-2198. | 5.7 | 8         |
| 63 | Optimal sensor placement for parametric model identification of electrical networks, part I: Open loop estimation. , 2010, , .   |     | 7         |
| 64 | Wide-area damping control of large power systems using a model reference approach. , 2011, , .   |     | 7         |
| 65 | A minimum cover algorithm for PMU placement in power system networks under line observability constraints. , 2012, , .   |     | 7         |
| 66 | Delay-aware co-designs for wide-area control of power grids. , 2014, , .   |     | 7         |
| 67 | Shaping power system inter-area oscillations through control loops of grid integrated wind farms. , 2012, , .  |     | 6         |
| 68 | A real-time distributed storage system for multi-resolution virtual synchrophasor. , 2014, , .   |     | 6         |
| 69 | Optimal Measurement Allocation Algorithms for Parametric Model Identification of Power Systems. IEEE Transactions on Control Systems Technology, 2014, 22, 1801-1812.                                  | 5.2 | 6         |
| 70 | Distributed Learning of Mode Shapes in Power System Models. , 2018, , .  |     | 6         |
| 71 | Structurally Constrained $\ell_1$ -Sparse Control of Power Systems: Online Design and Resiliency Analysis. , 2018, , .   |     | 6         |
| 72 | Differential Privacy for Network Identification. IEEE Transactions on Control of Network Systems, 2020, 7, 266-277.  | 3.7 | 6         |

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| 73 | Multi-dimensional wide-area visualization of power system dynamics using Synchrophasors. , 2013, , .   |     | 5         |
| 74 | Comprehensive dynamic modeling of a solid-state transformer based power distribution system. , 2016, , .   |     | 5         |
| 75 | Delay-Aware Control Designs of Wide-Area Power Networks * **This work was supported in part by NSF grant ECS 1054394.. IFAC-PapersOnLine, 2017, 50, 79-84.                                 | 0.9 | 5         |
| 76 | Sparsity-Constrained Mixed $H_2/H_\infty$ Control. , 2018, , .   |     | 5         |
| 77 | Sparse Wide-Area Control of Power Systems using Data-driven Reinforcement Learning. , 2019, , .  |     | 5         |
| 78 | Measurement-driven optimal control of utility-scale power systems: A New York State grid perspective. International Journal of Electrical Power and Energy Systems, 2020, 115, 105470.     | 5.5 | 5         |
| 79 | Sparsity-promoting optimal control of cyber-physical systems over shared communication networks. Automatica, 2020, 122, 109217.  | 5.0 | 5         |
| 80 | Wide-Area Control of Power Systems: Employing Data-Driven, Hierarchical Reinforcement Learning. IEEE Electrification Magazine, 2021, 9, 45-52.   | 1.8 | 5         |
| 81 | Model-based and model-free designs for an extended continuous-time LQR with exogenous inputs. Systems and Control Letters, 2021, 154, 104983.  | 2.3 | 5         |
| 82 | A Distributed Optimization Algorithm for Attack-Resilient Wide-Area Monitoring of Power Systems: Theoretical and Experimental Methods. Lecture Notes in Computer Science, 2014, , 350-359. | 1.3 | 5         |
| 83 | Fast Real-Time Reinforcement Learning for Partially-Observable Large-Scale Systems. IEEE Transactions on Artificial Intelligence, 2020, 1, 206-218.  | 4.7 | 5         |
| 84 | A Three-time-scale redesign for robust stabilization and performance recovery of nonlinear systems with input uncertainties. , 2007, , .   |     | 4         |
| 85 | Interarea model estimation for radial power system transfer paths with voltage support using synchronized phasor measurements. , 2008, , .   |     | 4         |
| 86 | Robust design of a spacecraft attitude tracking control system with actuator uncertainties. , 2008, , .  |     | 4         |
| 87 | A graph-theoretic algorithm for disturbance localization in large power grids using residue estimation. , 2013, , .  |     | 4         |
| 88 | Distributed estimation of inter-area oscillation modes in large power systems using alternating direction multiplier method. , 2014, , .   |     | 4         |
| 89 | A Graph-Theoretic Condition for Global Identifiability of Weighted Consensus Networks. IEEE Transactions on Automatic Control, 2015, , 1-1.  | 5.7 | 4         |
| 90 | Identifying covert data-manipulators in power system estimation loops. , 2016, , .   |     | 4         |

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| 91  | Ensuring economic fairness in wide-area control for power systems via game theory. , 2016, , .  |     | 4         |
| 92  | Synchronization and Aggregation of Nonlinear Power Systems with Consideration of Bus Network Structures. , 2018, , .                                      |     | 4         |
| 93  | Introduction to Koopman Mode Decomposition for Data-Based Technology of Power System Nonlinear Dynamics. IFAC-PapersOnLine, 2018, 51, 327-332.            | 0.9 | 4         |
| 94  | Learning Power System Dynamic Signatures using LSTM-Based Deep Neural Network: A Prototype Study on the New York State Grid. , 2019, , .                  |     | 4         |
| 95  | A Cyber-Security Investment Game for Networked Control Systems. , 2019, , .   |     | 4         |
| 96  | Efficient Algorithms for Eigensystem Realization Using Randomized SVD. SIAM Journal on Matrix Analysis and Applications, 2021, 42, 1045-1072.             | 1.4 | 4         |
| 97  | Model-Free Reinforcement Learning of Minimal-Cost Variance Control. , 2020, 4, 916-921.   |     | 4         |
| 98  | Optimal co-designs of communication and control in bandwidth-constrained cyber-physical systems. Automatica, 2022, 142, 110288.                           | 5.0 | 4         |
| 99  | Optimal measurement allocation for parametric model identification of electrical networks. Nonlinear Theory and Its Applications IEICE, 2011, 2, 302-319. | 0.6 | 3         |
| 100 | Optimal sensor placement for parametric identification of electrical networks using mixed phasor measurements. , 2011, , .                                |     | 3         |
| 101 | Graph-theoretic algorithms for PMU placement in power systems under measurement observability constraints. , 2012, , .                                    |     | 3         |
| 102 | A multi-user network testbed for wide-area monitoring and control of power systems using distributed synchrophasors. , 2013, , .                          |     | 3         |
| 103 | Impact analysis of wind power injection on time-scale separation of power system oscillations. , 2014, , .  |     | 3         |
| 104 | Distributed Implementation of Wide-Area Monitoring Algorithms for Power Systems Using a US-Wide ExoGENI-WAMS Testbed. , 2014, , .                         |     | 3         |
| 105 | Mitigating Denial-of-Service attacks in wide-area LQR control. , 2016, , .  |     | 3         |
| 106 | $H_2$ -clustering of closed-loop consensus networks under a class of LQR design. , 2016, , .  |     | 3         |
| 107 | Infusing autonomy in power distribution networks using smart transformers. , 2017, , .  |     | 3         |
| 108 | A Measurement-Based Approach for Optimal Damping Control of the New York State Power Grid. , 2018, , .  |     | 3         |

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| 109 | A New Cyber-Secure Countermeasure for LTI systems under DoS attacks. , 2019, , .   |     | 3         |
| 110 | Improved Numerical Methodologies on Power System Dynamic Simulation Using GPU Implementation. , 2019, , .  |     | 3         |
| 111 | On Robust Model-Free Reduced-Dimensional Reinforcement Learning Control for Singularly Perturbed Systems. , 2020, , .                                  |     | 3         |
| 112 | Wide-Area Communication and Control: A Cyber-Physical Perspective. Power Electronics and Power Systems, 2019, , 139-164.                               | 0.6 | 3         |
| 113 | Performance recovery of power systems with unknown parameters and faults. , 2007, , .  |     | 2         |
| 114 | Robust stabilization and performance recovery of nonlinear systems with input unmodeled dynamics. , 2008, , .  |     | 2         |
| 115 | Some new results on the identification of two-area power system models with SVC control. , 2009, , .   |     | 2         |
| 116 | Optimal sensor placement for parametric model identification of electrical networks, Part II: Estimation under output feedback. , 2010, , .            |     | 2         |
| 117 | A decentralized ID algorithm for detecting slow-fast oscillations in power systems from overwhelming volumes of phasor data. , 2012, , .               |     | 2         |
| 118 | Using battery management systems to augment inter-area oscillation control in wind-integrated power systems. , 2013, , .                               |     | 2         |
| 119 | Cost allocation strategies for wide-area control of power systems using Nash Bargaining Solution. , 2014, , .  |     | 2         |
| 120 | A Round-Robin ADMM algorithm for identifying data-manipulators in power system estimation. , 2016, , .   |     | 2         |
| 121 | Distributed monitoring of wide-area oscillations in the presence of GPS spoofing attacks. , 2016, , .  |     | 2         |
| 122 | A retrofitting-based supplementary controller design for enhancing damping performance of wind power systems. , 2017, , .                              |     | 2         |
| 123 | LQG control of large networks: A clustering-based approach. , 2017, , .  |     | 2         |
| 124 | Sparse and Distributed Control of Wide-Area Power Systems with Large Communication Delays. , 2018, , .   |     | 2         |
| 125 | Sparse Optimal Control of LTI Systems under Sparsity-Dependent Delays. , 2018, , .   |     | 2         |
| 126 | Scalable design methods for online data-driven wide-area control of power systems. IET Generation, Transmission and Distribution, 2021, 15, 2085-2100. | 2.5 | 2         |



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|-----|--|-----|-----------|
| 127 | Decomposability and Parallel Computation of Multi-Agent LQR. , 2021, , .   |     | 2         |
| 128 | Model-Free Decentralized Reinforcement Learning Control of Distributed Energy Resources. , 2020, , .   |     | 2         |
| 129 | Performance oriented high gain redesigns for FACTS-controlled SMIB power systems. , 2009, , .  |     | 1         |
| 130 | Macroscopic modeling of large power systems using distributed dynamic measurements with dependence on network topology. , 2010, , .  |     | 1         |
| 131 | Wide-Area Monitoring and Situational Awareness. Electric Power Engineering Series, 2012, , 1-46.   | 0.4 | 1         |
| 132 | A Model Reference Approach for Interarea Modal Damping in Large Power Systems. , 2012, , 343-362.  |     | 1         |
| 133 | Distributed Optimization Methods for Wide-Area Damping Control of Power System Oscillations. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 1861-1866. | 0.4 | 1         |
| 134 | A global identifiability condition for consensus networks on tree graphs. , 2015, , .  |     | 1         |
| 135 | Ensuring localizability of node attacks in consensus networks via feedback graph design. , 2015, , .   |     | 1         |
| 136 | Convergence analysis of ADMM-based power system mode estimation under asynchronous wide-area communication delays. , 2015, , .   |     | 1         |
| 137 | Co-designing communication and control systems for wide-area control of power systems. , 2016, , .   |     | 1         |
| 138 | A resilient software infrastructure for Wide-Area Measurement Systems. , 2016, , .   |     | 1         |
| 139 | Wide-area control of power systems using cloud-in-the-loop feedback. , 2016, , .   |     | 1         |
| 140 | $\ell_2$ -clustering of closed-loop consensus networks under generalized LQR designs. , 2016, , .  |     | 1         |
| 141 | Distributed cyber-physical algorithms for wide-area control of power systems. , 2017, , .  |     | 1         |
| 142 | Online Detection and Quantification of Transient Instability using Lyapunov Exponents from PMU Data. , 2018, , .   |     | 1         |
| 143 | Hierarchical $\mathcal{H}_2$ Control of Large-Scale Network Dynamic Systems. , 2018, , .   |     | 1         |
| 144 | Optimal Delay Assignment in Delay-Aware Control of Cyber-Physical Systems: A Machine Learning Approach. , 2019, , .  |     | 1         |

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|-----|---|-----|-----------|
| 145 | Improving Controllability and Plug-and-Play Operation of Wind Farms Using B2B Converters. , 2020, 4, 379-384.                                     |     | 1         |
| 146 | Co-Design of Delays and Sparse Controllers for Bandwidth-Constrained Cyber-Physical Systems. , 2020, , .  |     | 1         |
| 147 | Reinforcement Learning Control of Power Systems with Unknown Network Model under Ambient and Forced Oscillations. , 2020, , .                     |     | 1         |
| 148 | Dr. Radhakishan Sohanlal Baheti, 1945â€“2021. IEEE Control Systems, 2021, 41, 99-102.   | 0.8 | 1         |
| 149 | Measurement-Based Methods for Model Reduction of Power Systems Using Synchrophasors. Power Electronics and Power Systems, 2013, , 159-197.        | 0.6 | 1         |
| 150 | LSTM based Denial-of-Service Resiliency for Wide-Area Control of Power Systems. , 2021, , .   |     | 1         |
| 151 | Necessity of Lossless Transmission and Convexity of Potential Energy Function for Equilibrium Independent Passivity of Power Systems. , 2021, , . |     | 1         |
| 152 | Nonlinear Koopman Observability Measures on Subsets of Power System State Variables. , 2021, , .  |     | 1         |
| 153 | Energy Function Analysis of Power Transfer Paths Using Synchronized Phasor Data. , 2006, , .  |     | 0         |
| 154 | Building a dynamic electromechanical model for the pacific AC intertie using PMU measurements. , 2010, , .  |     | 0         |
| 155 | Optimal placement of PMUs for identification of power system models using noisy measurement data. , 2010, , .                                     |     | 0         |
| 156 | Graph-theoretic model reduction of oscillation propagation in spatially distributed power system networks. , 2012, , .                            |     | 0         |
| 157 | Evaluating the computation times of real-time algorithms for power system modeling and state prediction. , 2012, , .                              |     | 0         |
| 158 | Spatio-temporal oscillation monitoring in spatially distributed power system networks using energy functions. , 2014, , .                         |     | 0         |
| 159 | A wide-area SVC controller design using a dynamic equivalent model of WECC. , 2015, , .   |     | 0         |
| 160 | Parallel Identification of Power System Dynamic Models Under Scheduling Constraints. IEEE Transactions on Power Systems, 2016, 31, 4584-4594.     | 6.5 | 0         |
| 161 | Identifying data-manipulators in power system mode estimation loops with noisy measurements. , 2017, , .  |     | 0         |
| 162 | A Hierarchical Design for Damping Control of Wind-Integrated Power Systems Considering Heterogeneous Wind Farm Dynamics. , 2018, , .              |     | 0         |

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|-----|---|-----|-----------|
| 163 | Online Tuning of Cloud-based Wide-Area Controllers with Variations in Network Traffic. , 2019, , .                            |     | 0         |
| 164 | Exponentially Fast Estimation of Power System Oscillation Modes Using Distributed Phasor Data. , 2019, , .                    |     | 0         |
| 165 | Block-Decentralized Damping Control of Power Systems using Retrofit Control Theory. , 2020, , .                               |     | 0         |
| 166 | Localizing Data Manipulators in Distributed Mode Shape Identification of Power Systems. , 2020, , .                           |     | 0         |
| 167 | Observer-Based Extremum Seeking Control of Static Maps with Delays. , 2020, , .   |     | 0         |
| 168 | Wide-Area Control of Power Systems. , 2021, , 2462-2469.  |     | 0         |
| 169 | Enhancing Controllability of Wind Farms Against Parametric Resonance: A Series Compensation Approach. , 2021, 5, 1447-1452.   |     | 0         |
| 170 | Research Challenges for Design and Implementation of Wide-Area Control. Power Electronics and Power Systems, 2019, , 165-172. | 0.6 | 0         |
| 171 | Wide-Area Control of Power Systems. , 2020, , 1-8.  |     | 0         |
| 172 | Neural Network-Assisted Resilient Wide-Area Control of Power Systems under Denial-of-Service Attacks. , 2021, , .             |     | 0         |