

Chaojie Li

List of Publications by Year in descending order

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Version: 2024-02-01

103
papers

4,279
citations

136950

32
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114465

63
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103
all docs

103
docs citations

103
times ranked

3218
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Energy-Sharing Model With Price-Based Demand Response for Microgrids of Peer-to-Peer Prosumers. IEEE Transactions on Power Systems, 2017, 32, 3569-3583. | 6.5 | 604 |
| 2 | Distributed Event-Triggered Scheme for Economic Dispatch in Smart Grids. IEEE Transactions on Industrial Informatics, 2016, 12, 1775-1785. | 11.3 | 307 |
| 3 | Efficient Computation for Sparse Load Shifting in Demand Side Management. IEEE Transactions on Smart Grid, 2017, 8, 250-261. | 9.0 | 210 |
| 4 | Pulse-Modulated Intermittent Control in Consensus of Multiagent Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 783-793. | 9.3 | 193 |
| 5 | Distributed Optimal Consensus Over Resource Allocation Network and Its Application to Dynamical Economic Dispatch. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 2407-2418. | 11.3 | 172 |
| 6 | Impulsive synchronization schemes of stochastic complex networks with switching topology: Average time approach. Neural Networks, 2014, 54, 85-94. | 5.9 | 142 |
| 7 | Cooperative Distributed Optimization in Multiagent Networks With Delays. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2015, 45, 363-369. | 9.3 | 125 |
| 8 | A Generalized Hopfield Network for Nonsmooth Constrained Convex Optimization: Lie Derivative Approach. IEEE Transactions on Neural Networks and Learning Systems, 2016, 27, 308-321. | 11.3 | 120 |
| 9 | A Recurrent Neural Network for Solving Bilevel Linear Programming Problem. IEEE Transactions on Neural Networks and Learning Systems, 2014, 25, 824-830. | 11.3 | 115 |
| 10 | Second-Order Continuous-Time Algorithms for Economic Power Dispatch in Smart Grids. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 1482-1492. | 9.3 | 115 |
| 11 | Risk-Averse Energy Trading in Multienergy Microgrids: A Two-Stage Stochastic Game Approach. IEEE Transactions on Industrial Informatics, 2017, 13, 2620-2630. | 11.3 | 108 |
| 12 | Impulsive effects on stability of high-order BAM neural networks with time delays. Neurocomputing, 2011, 74, 1541-1550. | 5.9 | 94 |
| 13 | An Inertial Projection Neural Network for Solving Variational Inequalities. IEEE Transactions on Cybernetics, 2017, 47, 809-814. | 9.5 | 90 |
| 14 | Noncooperative Game-Based Distributed Charging Control for Plug-In Electric Vehicles in Distribution Networks. IEEE Transactions on Industrial Informatics, 2018, 14, 301-310. | 11.3 | 90 |
| 15 | Edge detection of noisy images based on cellular neural networks. Communications in Nonlinear Science and Numerical Simulation, 2011, 16, 3746-3759. | 3.3 | 84 |
| 16 | Adaptive Neural-Fuzzy Sliding-Mode Fault-Tolerant Control for Uncertain Nonlinear Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 2268-2278. | 9.3 | 76 |
| 17 | Data-Driven Planning of Electric Vehicle Charging Infrastructure: A Case Study of Sydney, Australia. IEEE Transactions on Smart Grid, 2021, 12, 3289-3304. | 9.0 | 74 |
| 18 | Chaos control and synchronization via a novel chatter free sliding mode control strategy. Neurocomputing, 2011, 74, 3212-3222. | 5.9 | 66 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | Neural network for solving convex quadratic bilevel programming problems. <i>Neural Networks</i> , 2014, 51, 17-25. | 5.9 | 52 |
| 20 | Passivity and passification of stochastic impulsive memristor-based piecewise linear system with mixed delays. <i>International Journal of Robust and Nonlinear Control</i> , 2015, 25, 610-624. | 3.7 | 52 |
| 21 | Asynchronous impulsive containment control in switched multi-agent systems. <i>Information Sciences</i> , 2016, 370-371, 667-679. | 6.9 | 51 |
| 22 | Economic power dispatch in smart grids: a framework for distributed optimization and consensus dynamics. <i>Science China Information Sciences</i> , 2018, 61, 1. | 4.3 | 51 |
| 23 | A Continuous-Time Algorithm for Distributed Optimization Based on Multiagent Networks. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019, 49, 2700-2709. | 9.3 | 49 |
| 24 | Prosumer Community: A Risk Aversion Energy Sharing Model. <i>IEEE Transactions on Sustainable Energy</i> , 2020, 11, 828-838. | 8.8 | 47 |
| 25 | Data-Driven Charging Strategy of PEVs Under Transformer Aging Risk. <i>IEEE Transactions on Control Systems Technology</i> , 2018, 26, 1386-1399. | 5.2 | 46 |
| 26 | Enhancing Optimal Automatic Generation Control in a Multi-Area Power System With Diverse Energy Resources. <i>IEEE Transactions on Power Systems</i> , 2019, 34, 3465-3475. | 6.5 | 45 |
| 27 | Distributed Power Management for Dynamic Economic Dispatch in the Multimicrogrids Environment. <i>IEEE Transactions on Control Systems Technology</i> , 2019, 27, 1651-1658. | 5.2 | 45 |
| 28 | Bogdanov's Takens Singularity in Tri-Neuron Network With Time Delay. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2013, 24, 1001-1007. | 11.3 | 44 |
| 29 | Group Consensus for Heterogeneous Multiagent Systems in the Competition Networks With Input Time Delays. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020, 50, 4655-4663. | 9.3 | 43 |
| 30 | Codimension two bifurcation in a delayed neural network with unidirectional coupling. <i>Nonlinear Analysis: Real World Applications</i> , 2013, 14, 1191-1202. | 1.7 | 41 |
| 31 | Robust Second-Order Consensus Using a Fixed-Time Convergent Sliding Surface in Multiagent Systems. <i>IEEE Transactions on Cybernetics</i> , 2020, 50, 846-855. | 9.5 | 37 |
| 32 | The Optimal Distribution of Electric-Vehicle Chargers across a City. , 2016, , . | | 36 |
| 33 | Parallel and Distributed Computation for Dynamical Economic Dispatch. <i>IEEE Transactions on Smart Grid</i> , 2016, , 1-1. | 9.0 | 33 |
| 34 | Branch-Wise Parallel Successive Algorithm for Online Voltage Regulation in Distribution Networks. <i>IEEE Transactions on Smart Grid</i> , 2019, 10, 6678-6689. | 9.0 | 33 |
| 35 | Predicting lightning outages of transmission lines using generalized regression neural network. <i>Applied Soft Computing Journal</i> , 2019, 78, 438-446. | 7.2 | 32 |
| 36 | Neural network for solving Nash equilibrium problem in application of multiuser power control. <i>Neural Networks</i> , 2014, 57, 73-78. | 5.9 | 31 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 37 | Review on Interpretable Machine Learning in Smart Grid. <i>Energies</i> , 2022, 15, 4427. | 3.1 | 30 |
| 38 | Cooperative Mining in Blockchain Networks With Zero-Determinant Strategies. <i>IEEE Transactions on Cybernetics</i> , 2020, 50, 4544-4549. | 9.5 | 29 |
| 39 | Exponential stability of impulsive high-order Hopfield-type neural networks with delays and reaction-diffusion. <i>International Journal of Computer Mathematics</i> , 2011, 88, 3150-3162. | 1.8 | 28 |
| 40 | Average Quasi-Consensus Algorithm for Distributed Constrained Optimization: Impulsive Communication Framework. <i>IEEE Transactions on Cybernetics</i> , 2020, 50, 351-360. | 9.5 | 28 |
| 41 | Hierarchical Distributed Scheme for Demand Estimation and Power Reallocation in a Future Power Grid. <i>IEEE Transactions on Industrial Informatics</i> , 2017, 13, 2279-2290. | 11.3 | 27 |
| 42 | Fast gradient-based distributed optimisation approach for model predictive control and application in four-tank benchmark. <i>IET Control Theory and Applications</i> , 2015, 9, 1579-1586. | 2.1 | 26 |
| 43 | Optimal Automatic Generation Control of an Interconnected Power System Under Network Constraints. <i>IEEE Transactions on Industrial Electronics</i> , 2018, 65, 7220-7228. | 7.9 | 26 |
| 44 | Predefined-time optimization for distributed resource allocation. <i>Journal of the Franklin Institute</i> , 2020, 357, 11323-11348. | 3.4 | 25 |
| 45 | Risk-averse energy trading among peer-to-peer based virtual power plants: A stochastic game approach. <i>International Journal of Electrical Power and Energy Systems</i> , 2021, 132, 107145. | 5.5 | 25 |
| 46 | Transactive Energy Sharing in a Microgrid via an Enhanced Distributed Adaptive Robust Optimization Approach. <i>IEEE Transactions on Smart Grid</i> , 2022, 13, 2279-2293. | 9.0 | 23 |
| 47 | Quasi-synchronization of delayed chaotic systems with parameters mismatch and stochastic perturbation. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2011, 16, 4108-4119. | 3.3 | 21 |
| 48 | Hybrid Interval-Robust Adaptive Battery Energy Storage System Dispatch With SoC Interval Management for Unbalanced Microgrids. <i>IEEE Transactions on Sustainable Energy</i> , 2022, 13, 44-55. | 8.8 | 21 |
| 49 | Interpretable Memristive LSTM Network Design for Probabilistic Residential Load Forecasting. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2022, 69, 2297-2310. | 5.4 | 21 |
| 50 | Operating Expense Optimization for EVs in Multiple Depots and Charge Stations Environment Using Evolutionary Heuristic Method. <i>IEEE Transactions on Smart Grid</i> , 2018, 9, 6599-6611. | 9.0 | 20 |
| 51 | Sparsity-promoting distributed charging control for plug-in electric vehicles over distribution networks. <i>Applied Mathematical Modelling</i> , 2018, 58, 111-127. | 4.2 | 20 |
| 52 | An Event-Triggered Approach for Gradient Tracking in Consensus-Based Distributed Optimization. <i>IEEE Transactions on Network Science and Engineering</i> , 2022, 9, 510-523. | 6.4 | 18 |
| 53 | A fixed time distributed optimization: A sliding mode perspective. , 2017, , . | | 16 |
| 54 | A Risk-Averse Energy Sharing Market Game for Renewable Energy Microgrid Aggregators. <i>IEEE Transactions on Power Systems</i> , 2022, 37, 3528-3539. | 6.5 | 16 |

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|----|--|------|-----------|
| 55 | Planning of Hydrogen Refueling Stations in Urban Setting While Considering Hydrogen Redistribution. IEEE Transactions on Industry Applications, 2022, 58, 2898-2908. | 4.9 | 15 |
| 56 | A DC programming approach for sensor network localization with uncertainties in anchor positions. Journal of Industrial and Management Optimization, 2014, 10, 817-826. | 1.3 | 14 |
| 57 | Optimal economic dispatch by fast distributed gradient. , 2014, , . | | 14 |
| 58 | Exponential stability of stochastic high-order BAM neural networks with time delays and impulsive effects. Neural Computing and Applications, 2013, 23, 1-8. | 5.6 | 13 |
| 59 | Stability of Hopfield neural networks with time delays and variable-time impulses. Neural Computing and Applications, 2013, 22, 195-202. | 5.6 | 13 |
| 60 | A Multiple Gradient Descent Design for Multi-Task Learning on Edge Computing: Multi-Objective Machine Learning Approach. IEEE Transactions on Network Science and Engineering, 2022, 9, 121-133. | 6.4 | 13 |
| 61 | DESTABILIZING EFFECTS OF IMPULSE IN DELAYED BAM NEURAL NETWORKS. Modern Physics Letters B, 2009, 23, 3503-3513. | 1.9 | 12 |
| 62 | A survey on distributed optimisation approaches and applications in smart grids. Journal of Control and Decision, 2019, 6, 41-60. | 1.6 | 12 |
| 63 | Distributed Online Bandit Learning in Dynamic Environments Over Unbalanced Digraphs. IEEE Transactions on Network Science and Engineering, 2021, 8, 3034-3047. | 6.4 | 12 |
| 64 | Robust Finite-Time Dynamic Average Consensus With Exponential Convergence Rates. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 2578-2582. | 3.0 | 12 |
| 65 | Reachability and controllability of linear switched impulsive systems. IET Control Theory and Applications, 2013, 7, 1294-1299. | 2.1 | 11 |
| 66 | Stable trajectory of logistic map. Nonlinear Dynamics, 2014, 78, 209-217. | 5.2 | 11 |
| 67 | Interpretable LSTM Based on Mixture Attention Mechanism for Multi-Step Residential Load Forecasting. Electronics (Switzerland), 2022, 11, 2189. | 3.1 | 11 |
| 68 | EILPR: Toward End-to-End Irregular License Plate Recognition Based on Automatic Perspective Alignment. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 2586-2595. | 8.0 | 10 |
| 69 | Impulsive control for synchronizing delayed discrete complex networks with switching topology. Neural Computing and Applications, 2014, 24, 59-68. | 5.6 | 9 |
| 70 | A projection neural network for optimal demand response in smart grid environment. Neural Computing and Applications, 2018, 29, 259-267. | 5.6 | 9 |
| 71 | Integrating Demand Response and Renewable Energy In Wholesale Market. , 2018, , . | | 9 |
| 72 | Distributed Resource Allocation via Accelerated Saddle Point Dynamics. IEEE/CAA Journal of Automatica Sinica, 2021, 8, 1588-1599. | 13.1 | 8 |

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|----|--|-----|-----------|
| 73 | DBRec. , 2019, , . | | 8 |
| 74 | Two-Stage Community Energy Trading Under End-Edge-Cloud Orchestration. IEEE Internet of Things Journal, 2023, 10, 1961-1972. | 8.7 | 7 |
| 75 | Spatial-temporal attention and GRU based interpretable condition monitoring of offshore wind turbine gearboxes. IET Renewable Power Generation, 2022, 16, 402-415. | 3.1 | 7 |
| 76 | Distributed consensus strategy for economic power dispatch in a smart grid. , 2015, , . | | 6 |
| 77 | Nonnegative matrix factorization algorithms based on the inertial projection neural network. Neural Computing and Applications, 2019, 31, 4215-4229. | 5.6 | 6 |
| 78 | Synchronization of single-degree-of-freedom oscillators via neural network based on fixed-time terminal sliding mode control scheme. Neural Computing and Applications, 2019, 31, 6365-6372. | 5.6 | 6 |
| 79 | Distributed generalized Nash equilibrium seeking: A singular perturbation-based approach. Neurocomputing, 2022, 482, 278-286. | 5.9 | 6 |
| 80 | A feedback neural network for solving convex quadratic bi-level programming problems. Neural Computing and Applications, 2014, 25, 603-611. | 5.6 | 5 |
| 81 | Improved Weighted Average Prediction for Multi-Agent Networks. Circuits, Systems, and Signal Processing, 2014, 33, 1721-1736. | 2.0 | 5 |
| 82 | Adaptive asymptotical tracking controller design for uncertain nonaffine nonlinear system with high-order mismatched disturbances. International Journal of Adaptive Control and Signal Processing, 2019, 33, 731-746. | 4.1 | 5 |
| 83 | Networked optimization for demand side management based on non-cooperative game. , 2015, , . | | 4 |
| 84 | PV energy sharing cloud: Towards automatic pricing and energy management. , 2016, , . | | 4 |
| 85 | HIGnet: Hierarchical and Interactive Gate Networks for Item Recommendation. IEEE Intelligent Systems, 2020, 35, 50-61. | 4.0 | 4 |
| 86 | Fuzzy Neighborhood Learning for Deep 3-D Segmentation of Point Cloud. IEEE Transactions on Fuzzy Systems, 2020, 28, 3181-3192. | 9.8 | 4 |
| 87 | Global Optimization: A Distributed Compensation Algorithm and its Convergence Analysis. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 2355-2369. | 9.3 | 4 |
| 88 | Network constrained optimal automatic generation control for a two area power System. , 2015, , . | | 3 |
| 89 | A Data-Driven Joint Chance-Constrained Game for Renewable Energy Aggregators in the Local Market. IEEE Transactions on Smart Grid, 2023, 14, 1430-1440. | 9.0 | 3 |
| 90 | Distributed consensus based optimization in dynamical economic dispatch. , 2017, , . | | 2 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 91 | Distributed resource allocation: an indirect dual ascent method with an exponential convergence rate. <i>Nonlinear Dynamics</i> , 2020, 102, 1685-1699. | 5.2 | 2 |
| 92 | Data-Driven State Transition Algorithm for Fuzzy Chance-Constrained Dynamic Optimization. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2023, 34, 5322-5331. | 11.3 | 2 |
| 93 | A stochastic game for energy resource trading in the context of Energy Internet. , 2016, , . | | 1 |
| 94 | Neural network with added inertia for linear complementarity problem. , 2018, , . | | 1 |
| 95 | Hierarchical Distributed Coordination for Economic Dispatch. , 2018, , . | | 1 |
| 96 | An Intelligent Faulted Line Diagnosis Method in Multi-terminal Power Networks via IEDs. , 2019, , . | | 1 |
| 97 | Predicting Best-Selling New Products in a Major Promotion Campaign Through Graph Convolutional Networks. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2022, PP, 1-14. | 11.3 | 1 |
| 98 | Frequency regulation using optimal demand and governor response in a deregulated environment. , 2017, , . | | 0 |
| 99 | Distributed Control of Networked Agent Systems: Theory and Applications. <i>Journal of Control Science and Engineering</i> , 2017, 2017, 1-2. | 1.0 | 0 |
| 100 | Approximating low cost state space areas in economic load dispatch with valve-point loading effects. , 2018, , . | | 0 |
| 101 | Global Minimizer of Large Scale Stochastic Rosenbrock Function: Canonical Duality Approach. <i>Lecture Notes in Computer Science</i> , 2012, , 677-682. | 1.3 | 0 |
| 102 | Impulsive Synchronization of State Delayed Discrete Complex Networks with Switching Topology. <i>Lecture Notes in Computer Science</i> , 2012, , 50-57. | 1.3 | 0 |
| 103 | Carbon-Aware Economic Dispatch: A Singular Perturbation Approach. , 2021, , . | | 0 |