Chaojie Li

List of Publications by Year in descending order

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103 papers	4,279 citations	136950 32 h-index	114465 63 g-index
103 all docs	103 docs citations	103 times ranked	3218 citing authors

#	Article	IF	Citations
1	Two-Stage Community Energy Trading Under End-Edge-Cloud Orchestration. IEEE Internet of Things Journal, 2023, 10, 1961-1972.	8.7	7
2	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
3	Data-Driven State Transition Algorithm for Fuzzy Chance-Constrained Dynamic Optimization. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 5322-5331.	11.3	2
4	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
5	Hybrid Interval-Robust Adaptive Battery Energy Storage System Dispatch With SoC Interval Management for Unbalanced Microgrids. IEEE Transactions on Sustainable Energy, 2022, 13, 44-55.	8.8	21
6	An Event-Triggered Approach for Gradient Tracking in Consensus-Based Distributed Optimization. IEEE Transactions on Network Science and Engineering, 2022, 9, 510-523.	6.4	18
7	Planning of Hydrogen Refueling Stations in Urban Setting While Considering Hydrogen Redistribution. IEEE Transactions on Industry Applications, 2022, 58, 2898-2908.	4.9	15
8	Distributed generalized Nash equilibrium seeking: A singular perturbation-based approach. Neurocomputing, 2022, 482, 278-286.	5.9	6
9	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
10	A Risk-Averse Energy Sharing Market Game for Renewable Energy Microgrid Aggregators. IEEE Transactions on Power Systems, 2022, 37, 3528-3539.	6.5	16
11	Predicting Best-Selling New Products in a Major Promotion Campaign Through Graph Convolutional Networks. IEEE Transactions on Neural Networks and Learning Systems, 2022, PP, 1-14.	11.3	1
12	Interpretable Memristive LSTM Network Design for Probabilistic Residential Load Forecasting. IEEE Transactions on Circuits and Systems I: Regular Papers, 2022, 69, 2297-2310.	5.4	21
13	Transactive Energy Sharing in a Microgrid via an Enhanced Distributed Adaptive Robust Optimization Approach. IEEE Transactions on Smart Grid, 2022, 13, 2279-2293.	9.0	23
14	Spatialâ€temporal attention and GRU based interpretable condition monitoring of offshore wind turbine gearboxes. IET Renewable Power Generation, 2022, 16, 402-415.	3.1	7
15	Review on Interpretable Machine Learning in Smart Grid. Energies, 2022, 15, 4427.	3.1	30
16	Interpretable LSTM Based on Mixture Attention Mechanism for Multi-Step Residential Load Forecasting. Electronics (Switzerland), 2022, 11, 2189.	3.1	11
17	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
18	Distributed Online Bandit Learning in Dynamic Environments Over Unbalanced Digraphs. IEEE Transactions on Network Science and Engineering, 2021, 8, 3034-3047.	6.4	12

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19	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
20	Distributed Resource Allocation via Accelerated Saddle Point Dynamics. IEEE/CAA Journal of Automatica Sinica, 2021, 8, 1588-1599.	13.1	8
21	Risk-averse energy trading among peer-to-peer based virtual power plants: A stochastic game approach. International Journal of Electrical Power and Energy Systems, 2021, 132, 107145.	5.5	25
22	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
23	Carbon-Aware Economic Dispatch: A Singular Perturbation Approach. , 2021, , .		0
24	Average Quasi-Consensus Algorithm for Distributed Constrained Optimization: Impulsive Communication Framework. IEEE Transactions on Cybernetics, 2020, 50, 351-360.	9.5	28
25	Robust Second-Order Consensus Using a Fixed-Time Convergent Sliding Surface in Multiagent Systems. IEEE Transactions on Cybernetics, 2020, 50, 846-855.	9.5	37
26	Group Consensus for Heterogeneous Multiagent Systems in the Competition Networks With Input Time Delays. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 4655-4663.	9.3	43
27	Cooperative Mining in Blockchain Networks With Zero-Determinant Strategies. IEEE Transactions on Cybernetics, 2020, 50, 4544-4549.	9.5	29
28	Predefined-time optimization for distributed resource allocation. Journal of the Franklin Institute, 2020, 357, 11323-11348.	3.4	25
29	Prosumer Community: A Risk Aversion Energy Sharing Model. IEEE Transactions on Sustainable Energy, 2020, 11, 828-838.	8.8	47
30	HIGnet: Hierarchical and Interactive Gate Networks for Item Recommendation. IEEE Intelligent Systems, 2020, 35, 50-61.	4.0	4
31	Distributed resource allocation: an indirect dual ascent method with an exponential convergence rate. Nonlinear Dynamics, 2020, 102, 1685-1699.	5.2	2
32	Fuzzy Neighborhood Learning for Deep 3-D Segmentation of Point Cloud. IEEE Transactions on Fuzzy Systems, 2020, 28, 3181-3192.	9.8	4
33	Adaptive asymptotical tracking controller design for uncertain nonaffine nonlinear system with highâ€order mismatched disturbances. International Journal of Adaptive Control and Signal Processing, 2019, 33, 731-746.	4.1	5
34	Enhancing Optimal Automatic Generation Control in a Multi-Area Power System With Diverse Energy Resources. IEEE Transactions on Power Systems, 2019, 34, 3465-3475.	6.5	45
35	Predicting lightning outages of transmission lines using generalized regression neural network. Applied Soft Computing Journal, 2019, 78, 438-446.	7.2	32
36	Branch-Wise Parallel Successive Algorithm for Online Voltage Regulation in Distribution Networks. IEEE Transactions on Smart Grid, 2019, 10, 6678-6689.	9.0	33

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37	A survey on distributed optimisation approaches and applications in smart grids. Journal of Control and Decision, 2019, 6, 41-60.	1.6	12
38	A Continuous-Time Algorithm for Distributed Optimization Based on Multiagent Networks. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 2700-2709.	9.3	49
39	Nonnegative matrix factorization algorithms based on the inertial projection neural network. Neural Computing and Applications, 2019, 31, 4215-4229.	5.6	6
40	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
41	Distributed Power Management for Dynamic Economic Dispatch in the Multimicrogrids Environment. IEEE Transactions on Control Systems Technology, 2019, 27, 1651-1658.	5.2	45
42	DBRec. , 2019, , .		8
43	An Intelligent Faulted Line Diagnosis Method in Multi-terminal Power Networks via IEDs. , 2019, , .		1
44	Optimal Automatic Generation Control of an Interconnected Power System Under Network Constraints. IEEE Transactions on Industrial Electronics, 2018, 65, 7220-7228.	7.9	26
45	Approximating low cost state space areas in economic load dispatch with valve-point loading effects. , 2018, , .		0
46	A projection neural network for optimal demand response in smart grid environment. Neural Computing and Applications, 2018, 29, 259-267.	5.6	9
47	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
48	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
49	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
50	Operating Expense Optimization for EVs in Multiple Depots and Charge Stations Environment Using Evolutionary Heuristic Method. IEEE Transactions on Smart Grid, 2018, 9, 6599-6611.	9.0	20
51	Data-Driven Charging Strategy of PEVs Under Transformer Aging Risk. IEEE Transactions on Control Systems Technology, 2018, 26, 1386-1399.	5.2	46
52	Economic power dispatch in smart grids: a framework for distributed optimization and consensus dynamics. Science China Information Sciences, 2018, 61, 1.	4.3	51
53	Sparsity-promoting distributed charging control for plug-in electric vehicles over distribution networks. Applied Mathematical Modelling, 2018, 58, 111-127.	4.2	20
54	Neural network with added inertia for linear complementarity problem. , 2018, , .		1

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55	Hierarchical Distributed Coordination for Economic Dispatch. , 2018, , .		1
56	Integrating Demand Response and Renewable Energy In Wholesale Market. , 2018, , .		9
57	Pulse-Modulated Intermittent Control in Consensus of Multiagent Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 783-793.	9.3	193
58	Efficient Computation for Sparse Load Shifting in Demand Side Management. IEEE Transactions on Smart Grid, 2017, 8, 250-261.	9.0	210
59	An Inertial Projection Neural Network for Solving Variational Inequalities. IEEE Transactions on Cybernetics, 2017, 47, 809-814.	9.5	90
60	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
61	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
62	Hierarchical Distributed Scheme for Demand Estimation and Power Reallocation in a Future Power Grid. IEEE Transactions on Industrial Informatics, 2017, 13, 2279-2290.	11.3	27
63	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
64	Distributed consensus based optimization in dynamical economic dispatch. , 2017, , .		2
65	Frequency regulation using optimal demand and governor response in a deregulated environment. , 2017, , .		0
66	Distributed Control of Networked Agent Systems: Theory and Applications. Journal of Control Science and Engineering, 2017, 2017, 1-2.	1.0	0
67	A fixed time distributed optimization: A sliding mode perspective. , 2017, , .		16
68	The Optimal Distribution of Electric-Vehicle Chargers across a City. , 2016, , .		36
69	A stochastic game for energy resource trading in the context of Energy Internet. , 2016, , .		1
70	PV energy sharing cloud: Towards automatic pricing and energy management. , 2016, , .		4
71	Parallel and Distributed Computation for Dynamical Economic Dispatch. IEEE Transactions on Smart Grid, 2016, , 1-1.	9.0	33
72	Asynchronous impulsive containment control in switched multi-agent systems. Information Sciences, 2016, 370-371, 667-679.	6.9	51

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73	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
74	Distributed Event-Triggered Scheme for Economic Dispatch in Smart Grids. IEEE Transactions on Industrial Informatics, 2016, 12, 1775-1785.	11.3	307
75	Network constrained optimal automatic generation control for a two area power System. , 2015, , .		3
76	Distributed consensus strategy for economic power dispatch in a smart grid. , 2015, , .		6
77	Networked optimization for demand side management based on non-cooperative game. , 2015, , .		4
78	Cooperative Distributed Optimization in Multiagent Networks With Delays. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2015, 45, 363-369.	9.3	125
79	Fast gradientâ€based distributed optimisation approach for model predictive control and application in fourâ€tank benchmark. IET Control Theory and Applications, 2015, 9, 1579-1586.	2.1	26
80	Passivity and passification of stochastic impulsive memristorâ€based piecewise linear system with mixed delays. International Journal of Robust and Nonlinear Control, 2015, 25, 610-624.	3.7	52
81	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
82	Optimal economic dispatch by fast distributed gradient. , 2014, , .		14
83	Impulsive control for synchronizing delayed discrete complex networks with switching topology. Neural Computing and Applications, 2014, 24, 59-68.	5.6	9
84	A feedback neural network for solving convex quadratic bi-level programming problems. Neural Computing and Applications, 2014, 25, 603-611.	5.6	5
85	Improved Weighted Average Prediction for Multi-Agent Networks. Circuits, Systems, and Signal Processing, 2014, 33, 1721-1736.	2.0	5
86	Impulsive synchronization schemes of stochastic complex networks with switching topology: Average time approach. Neural Networks, 2014, 54, 85-94.	5.9	142
87	Neural network for solving convex quadratic bilevel programming problems. Neural Networks, 2014, 51, 17-25.	5.9	52
88	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
89	Stable trajectory of logistic map. Nonlinear Dynamics, 2014, 78, 209-217.	5.2	11
90	Neural network for solving Nash equilibrium problem in application of multiuser power control. Neural Networks, 2014, 57, 73-78.	5.9	31

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91	Bogdanovâ€“Takens Singularity in Tri-Neuron Network With Time Delay. IEEE Transactions on Neural Networks and Learning Systems, 2013, 24, 1001-1007.	11.3	44
92	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
93	Stability of Hopfield neural networks with time delays and variable-time impulses. Neural Computing and Applications, 2013, 22, 195-202.	5.6	13
94	Codimension two bifurcation in a delayed neural network with unidirectional coupling. Nonlinear Analysis: Real World Applications, 2013, 14, 1191-1202.	1.7	41
95	Reachability and controllability of linear switched impulsive systems. IET Control Theory and Applications, 2013, 7, 1294-1299.	2.1	11
96	Global Minimizer of Large Scale Stochastic Rosenbrock Function: Canonical Duality Approach. Lecture Notes in Computer Science, 2012, , 677-682.	1.3	0
97	Impulsive Synchronization of State Delayed Discrete Complex Networks with Switching Topology. Lecture Notes in Computer Science, 2012, , 50-57.	1.3	0
98	Impulsive effects on stability of high-order BAM neural networks with time delays. Neurocomputing, 2011, 74, 1541-1550.	5.9	94
99	Chaos control and synchronization via a novel chatter free sliding mode control strategy. Neurocomputing, 2011, 74, 3212-3222.	5.9	66
100	Edge detection of noisy images based on cellular neural networks. Communications in Nonlinear Science and Numerical Simulation, 2011, 16, 3746-3759.	3.3	84
101	Quasi-synchronization of delayed chaotic systems with parameters mismatch and stochastic perturbation. Communications in Nonlinear Science and Numerical Simulation, 2011, 16, 4108-4119.	3.3	21
102	Exponential stability of impulsive high-order Hopfield-type neural networks with delays and reactionâ€“diffusion. International Journal of Computer Mathematics, 2011, 88, 3150-3162.	1.8	28
103	DESTABILIZING EFFECTS OF IMPULSE IN DELAYED BAM NEURAL NETWORKS. Modern Physics Letters B, 2009, 23, 3503-3513.	1.9	12