

# Chaojie Li

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

90  
papers

2,860  
citations

27  
h-index

52  
g-index

103  
ext. papers

3,628  
ext. citations

5.8  
avg, IF

5.75  
L-index

#	Paper	IF	Citations
90	Two-stage Community Energy Trading Under End-edge-cloud Orchestration. <i>IEEE Internet of Things Journal</i> , <b>2022</b> , 1-1	10.7	0
89	Interpretable Memristive LSTM Network Design for Probabilistic Residential Load Forecasting. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2022</b> , 1-14	3.9	2
88	Transactive Energy Sharing in A Microgrid via An Enhanced Distributed Adaptive Robust Optimization Approach. <i>IEEE Transactions on Smart Grid</i> , <b>2022</b> , 1-1	10.7	2
87	Spatial-temporal attention and GRU based interpretable condition monitoring of offshore wind turbine gearboxes. <i>IET Renewable Power Generation</i> , <b>2022</b> , 16, 402-415	2.9	0
86	A Data-driven Joint Chance-constrained Game for Renewable Energy Aggregators in the Local Market. <i>IEEE Transactions on Smart Grid</i> , <b>2022</b> , 1-1	10.7	1
85	Planning of Hydrogen Refueling Stations in Urban Setting While Considering Hydrogen Redistribution. <i>IEEE Transactions on Industry Applications</i> , <b>2021</b> , 1-1	4.3	3
84	EILPR: Toward End-to-End Irregular License Plate Recognition Based on Automatic Perspective Alignment. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2021</b> , 1-10	6.1	1
83	A Risk-averse Energy Sharing Market Game for Renewable Energy Microgrid Aggregators. <i>IEEE Transactions on Power Systems</i> , <b>2021</b> , 1-1	7	1
82	An Event-Triggered Approach for Gradient Tracking in Consensus-based Distributed Optimization. <i>IEEE Transactions on Network Science and Engineering</i> , <b>2021</b> , 1-1	4.9	1
81	Data-Driven Planning of Electric Vehicle Charging Infrastructure: A Case Study of Sydney, Australia. <i>IEEE Transactions on Smart Grid</i> , <b>2021</b> , 12, 3289-3304	10.7	26
80	Global Optimization: A Distributed Compensation Algorithm and its Convergence Analysis. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 51, 2355-2369	7.3	3
79	A Multiple Gradient Descent Design for Multi-task Learning on Edge Computing: Multi-objective Machine Learning Approach. <i>IEEE Transactions on Network Science and Engineering</i> , <b>2021</b> , 1-1	4.9	5
78	Distributed Online Bandit Learning in Dynamic Environments over Unbalanced Digraphs. <i>IEEE Transactions on Network Science and Engineering</i> , <b>2021</b> , 1-1	4.9	2
77	Distributed Resource Allocation via Accelerated Saddle Point Dynamics. <i>IEEE/CAA Journal of Automatica Sinica</i> , <b>2021</b> , 8, 1588-1599	7	3
76	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> , <b>2021</b> , 132, 107145	5.1	7
75	Robust Finite-Time Dynamic Average Consensus With Exponential Convergence Rates. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2021</b> , 1-1	3.5	4
74	Hybrid Interval-Robust Adaptive Battery Energy Storage System Dispatch with SoC Interval Management for Unbalanced Microgrids. <i>IEEE Transactions on Sustainable Energy</i> , <b>2021</b> , 1-1	8.2	5

73	Fuzzy Neighborhood Learning for Deep 3-D Segmentation of Point Cloud. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2020</b> , 28, 3181-3192	8.3	2
72	HIGnet: Hierarchical and Interactive Gate Networks for Item Recommendation. <i>IEEE Intelligent Systems</i> , <b>2020</b> , 35, 50-61	4.2	1
71	Distributed resource allocation: an indirect dual ascent method with an exponential convergence rate. <i>Nonlinear Dynamics</i> , <b>2020</b> , 102, 1685-1699	5	1
70	Average Quasi-Consensus Algorithm for Distributed Constrained Optimization: Impulsive Communication Framework. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , 50, 351-360	10.2	12
69	Robust Second-Order Consensus Using a Fixed-Time Convergent Sliding Surface in Multiagent Systems. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , 50, 846-855	10.2	24
68	Group Consensus for Heterogeneous Multiagent Systems in the Competition Networks With Input Time Delays. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 50, 4655-4663	7.3	20
67	Cooperative Mining in Blockchain Networks With Zero-Determinant Strategies. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , 50, 4544-4549	10.2	15
66	Predefined-time optimization for distributed resource allocation. <i>Journal of the Franklin Institute</i> , <b>2020</b> , 357, 11323-11348	4	8
65	Prosumer Community: A Risk Aversion Energy Sharing Model. <i>IEEE Transactions on Sustainable Energy</i> , <b>2020</b> , 11, 828-838	8.2	27
64	Adaptive asymptotical tracking controller design for uncertain nonaffine nonlinear system with high-order mismatched disturbances. <i>International Journal of Adaptive Control and Signal Processing</i> , <b>2019</b> , 33, 731-746	2.8	0
63	Enhancing Optimal Automatic Generation Control in a Multi-Area Power System With Diverse Energy Resources. <i>IEEE Transactions on Power Systems</i> , <b>2019</b> , 34, 3465-3475	7	24
62	Predicting lightning outages of transmission lines using generalized regression neural network. <i>Applied Soft Computing Journal</i> , <b>2019</b> , 78, 438-446	7.5	18
61	DBRec <b>2019</b> ,		3
60	Branch-Wise Parallel Successive Algorithm for Online Voltage Regulation in Distribution Networks. <i>IEEE Transactions on Smart Grid</i> , <b>2019</b> , 10, 6678-6689	10.7	20
59	A survey on distributed optimisation approaches and applications in smart grids. <i>Journal of Control and Decision</i> , <b>2019</b> , 6, 41-60	0.9	5
58	A Continuous-Time Algorithm for Distributed Optimization Based on Multiagent Networks. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2019</b> , 49, 2700-2709	7.3	29
57	Nonnegative matrix factorization algorithms based on the inertial projection neural network. <i>Neural Computing and Applications</i> , <b>2019</b> , 31, 4215-4229	4.8	4
56	Synchronization of single-degree-of-freedom oscillators via neural network based on fixed-time terminal sliding mode control scheme. <i>Neural Computing and Applications</i> , <b>2019</b> , 31, 6365-6372	4.8	3

55	Distributed Power Management for Dynamic Economic Dispatch in the Multimicrogrids Environment. <i>IEEE Transactions on Control Systems Technology</i> , <b>2019</b> , 27, 1651-1658	4.8	30
54	Optimal Automatic Generation Control of an Interconnected Power System Under Network Constraints. <i>IEEE Transactions on Industrial Electronics</i> , <b>2018</b> , 65, 7220-7228	8.9	18
53	A projection neural network for optimal demand response in smart grid environment. <i>Neural Computing and Applications</i> , <b>2018</b> , 29, 259-267	4.8	6
52	Distributed Optimal Consensus Over Resource Allocation Network and Its Application to Dynamical Economic Dispatch. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2018</b> , 29, 2407-2418	10.3	108
51	Second-Order Continuous-Time Algorithms for Economic Power Dispatch in Smart Grids. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2018</b> , 48, 1482-1492	7.3	78
50	Noncooperative Game-Based Distributed Charging Control for Plug-In Electric Vehicles in Distribution Networks. <i>IEEE Transactions on Industrial Informatics</i> , <b>2018</b> , 14, 301-310	11.9	60
49	Operating Expense Optimization for EVs in Multiple Depots and Charge Stations Environment Using Evolutionary Heuristic Method. <i>IEEE Transactions on Smart Grid</i> , <b>2018</b> , 9, 6599-6611	10.7	15
48	Data-Driven Charging Strategy of PEVs Under Transformer Aging Risk. <i>IEEE Transactions on Control Systems Technology</i> , <b>2018</b> , 26, 1386-1399	4.8	35
47	Economic power dispatch in smart grids: a framework for distributed optimization and consensus dynamics. <i>Science China Information Sciences</i> , <b>2018</b> , 61, 1	3.4	28
46	Integrating Demand Response and Renewable Energy In Wholesale Market <b>2018</b> ,		4
45	Sparsity-promoting distributed charging control for plug-in electric vehicles over distribution networks. <i>Applied Mathematical Modelling</i> , <b>2018</b> , 58, 111-127	4.5	12
44	Neural network with added inertia for linear complementarity problem <b>2018</b> ,		1
43	Pulse-Modulated Intermittent Control in Consensus of Multiagent Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2017</b> , 47, 783-793	7.3	139
42	Efficient Computation for Sparse Load Shifting in Demand Side Management. <i>IEEE Transactions on Smart Grid</i> , <b>2017</b> , 8, 250-261	10.7	158
41	An Inertial Projection Neural Network for Solving Variational Inequalities. <i>IEEE Transactions on Cybernetics</i> , <b>2017</b> , 47, 809-814	10.2	69
40	Energy-Sharing Model With Price-Based Demand Response for Microgrids of Peer-to-Peer Prosumers. <i>IEEE Transactions on Power Systems</i> , <b>2017</b> , 32, 3569-3583	7	369
39	Adaptive Neural-Fuzzy Sliding-Mode Fault-Tolerant Control for Uncertain Nonlinear Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2017</b> , 47, 2268-2278	7.3	57
38	Hierarchical Distributed Scheme for Demand Estimation and Power Reallocation in a Future Power Grid. <i>IEEE Transactions on Industrial Informatics</i> , <b>2017</b> , 13, 2279-2290	11.9	19

37	Distributed Control of Networked Agent Systems: Theory and Applications. <i>Journal of Control Science and Engineering</i> , <b>2017</b> , 2017, 1-2	1.2	
36	A fixed time distributed optimization: A sliding mode perspective <b>2017</b> ,		11
35	Risk-Averse Energy Trading in Multienergy Microgrids: A Two-Stage Stochastic Game Approach. <i>IEEE Transactions on Industrial Informatics</i> , <b>2017</b> , 13, 2620-2630	11.9	71
34	Distributed consensus based optimization in dynamical economic dispatch <b>2017</b> ,		2
33	. <i>IEEE Transactions on Industrial Informatics</i> , <b>2016</b> , 12, 1775-1785	11.9	217
32	PV energy sharing cloud: Towards automatic pricing and energy management <b>2016</b> ,		3
31	Parallel and Distributed Computation for Dynamical Economic Dispatch. <i>IEEE Transactions on Smart Grid</i> , <b>2016</b> , 1-1	10.7	24
30	Asynchronous impulsive containment control in switched multi-agent systems. <i>Information Sciences</i> , <b>2016</b> , 370-371, 667-679	7.7	40
29	A Generalized Hopfield Network for Nonsmooth Constrained Convex Optimization: Lie Derivative Approach. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2016</b> , 27, 308-21	10.3	98
28	The Optimal Distribution of Electric-Vehicle Chargers across a City <b>2016</b> ,		23
27	Fast gradient-based distributed optimisation approach for model predictive control and application in four-tank benchmark. <i>IET Control Theory and Applications</i> , <b>2015</b> , 9, 1579-1586	2.5	19
26	Passivity and passification of stochastic impulsive memristor-based piecewise linear system with mixed delays. <i>International Journal of Robust and Nonlinear Control</i> , <b>2015</b> , 25, 610-624	3.6	46
25	Network constrained optimal automatic generation control for a two area power System <b>2015</b> ,		1
24	Cooperative Distributed Optimization in Multiagent Networks With Delays. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2015</b> , 45, 363-369	7.3	99
23	Impulsive synchronization schemes of stochastic complex networks with switching topology: average time approach. <i>Neural Networks</i> , <b>2014</b> , 54, 85-94	9.1	120
22	Neural network for solving convex quadratic bilevel programming problems. <i>Neural Networks</i> , <b>2014</b> , 51, 17-25	9.1	44
21	A recurrent neural network for solving bilevel linear programming problem. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2014</b> , 25, 824-30	10.3	102
20	Stable trajectory of logistic map. <i>Nonlinear Dynamics</i> , <b>2014</b> , 78, 209-217	5	6

19	Neural network for solving Nash equilibrium problem in application of multiuser power control. <i>Neural Networks</i> , <b>2014</b> , 57, 73-8	9.1	29
18	A DC programming approach for sensor network localization with uncertainties in anchor positions. <i>Journal of Industrial and Management Optimization</i> , <b>2014</b> , 10, 817-826	2	14
17	Optimal economic dispatch by fast distributed gradient <b>2014</b> ,		7
16	Impulsive control for synchronizing delayed discrete complex networks with switching topology. <i>Neural Computing and Applications</i> , <b>2014</b> , 24, 59-68	4.8	9
15	A feedback neural network for solving convex quadratic bi-level programming problems. <i>Neural Computing and Applications</i> , <b>2014</b> , 25, 603-611	4.8	5
14	Improved Weighted Average Prediction for Multi-Agent Networks. <i>Circuits, Systems, and Signal Processing</i> , <b>2014</b> , 33, 1721-1736	2.2	4
13	Bogdanov-Takens singularity in tri-neuron network with time delay. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2013</b> , 24, 1001-7	10.3	37
12	Exponential stability of stochastic high-order BAM neural networks with time delays and impulsive effects. <i>Neural Computing and Applications</i> , <b>2013</b> , 23, 1-8	4.8	12
11	Stability of Hopfield neural networks with time delays and variable-time impulses. <i>Neural Computing and Applications</i> , <b>2013</b> , 22, 195-202	4.8	9
10	Codimension two bifurcation in a delayed neural network with unidirectional coupling. <i>Nonlinear Analysis: Real World Applications</i> , <b>2013</b> , 14, 1191-1202	2.1	39
9	Reachability and controllability of linear switched impulsive systems. <i>IET Control Theory and Applications</i> , <b>2013</b> , 7, 1294-1299	2.5	10
8	Global Minimizer of Large Scale Stochastic Rosenbrock Function: Canonical Duality Approach. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 677-682	0.9	
7	Impulsive Synchronization of State Delayed Discrete Complex Networks with Switching Topology. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 50-57	0.9	
6	Impulsive effects on stability of high-order BAM neural networks with time delays. <i>Neurocomputing</i> , <b>2011</b> , 74, 1541-1550	5.4	88
5	Chaos control and synchronization via a novel chatter free sliding mode control strategy. <i>Neurocomputing</i> , <b>2011</b> , 74, 3212-3222	5.4	57
4	Edge detection of noisy images based on cellular neural networks. <i>Communications in Nonlinear Science and Numerical Simulation</i> , <b>2011</b> , 16, 3746-3759	3.7	64
3	Quasi-synchronization of delayed chaotic systems with parameters mismatch and stochastic perturbation. <i>Communications in Nonlinear Science and Numerical Simulation</i> , <b>2011</b> , 16, 4108-4119	3.7	20
2	Exponential stability of impulsive high-order Hopfield-type neural networks with delays and reaction-diffusion. <i>International Journal of Computer Mathematics</i> , <b>2011</b> , 88, 3150-3162	1.2	27

1 DESTABILIZING EFFECTS OF IMPULSE IN DELAYED BAM NEURAL NETWORKS. *Modern Physics Letters B*, **2009**, 23, 3503-3513 1.6 11