

# Chaojie Li

## List of Publications by Citations

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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	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
89	. <i>IEEE Transactions on Industrial Informatics</i> , <b>2016</b> , 12, 1775-1785	11.9	217
88	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
87	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
86	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
85	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
84	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
83	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
82	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
81	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
80	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
79	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
78	An Inertial Projection Neural Network for Solving Variational Inequalities. <i>IEEE Transactions on Cybernetics</i> , <b>2017</b> , 47, 809-814	10.2	69
77	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
76	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
75	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
74	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

73	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
72	Neural network for solving convex quadratic bilevel programming problems. <i>Neural Networks</i> , <b>2014</b> , 51, 17-25	9.1	44
71	Asynchronous impulsive containment control in switched multi-agent systems. <i>Information Sciences</i> , <b>2016</b> , 370-371, 667-679	7.7	40
70	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
69	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
68	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
67	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
66	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
65	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
64	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
63	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
62	Prosumer Community: A Risk Aversion Energy Sharing Model. <i>IEEE Transactions on Sustainable Energy</i> , <b>2020</b> , 11, 828-838	8.2	27
61	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
60	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
59	Parallel and Distributed Computation for Dynamical Economic Dispatch. <i>IEEE Transactions on Smart Grid</i> , <b>2016</b> , 1-1	10.7	24
58	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
57	The Optimal Distribution of Electric-Vehicle Chargers across a City <b>2016</b> ,		23
56	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

55	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
54	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
53	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
52	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
51	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
50	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
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	Cooperative Mining in Blockchain Networks With Zero-Determinant Strategies. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , 50, 4544-4549	10.2	15
47	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
46	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
45	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
44	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
43	A fixed time distributed optimization: A sliding mode perspective <b>2017</b> ,		11
42	DESTABILIZING EFFECTS OF IMPULSE IN DELAYED BAM NEURAL NETWORKS. <i>Modern Physics Letters B</i> , <b>2009</b> , 23, 3503-3513	1.6	11
41	Reachability and controllability of linear switched impulsive systems. <i>IET Control Theory and Applications</i> , <b>2013</b> , 7, 1294-1299	2.5	10
40	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
39	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
38	Predefined-time optimization for distributed resource allocation. <i>Journal of the Franklin Institute</i> , <b>2020</b> , 357, 11323-11348	4	8

37	Optimal economic dispatch by fast distributed gradient <b>2014</b> ,		7
36	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
35	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
34	Stable trajectory of logistic map. <i>Nonlinear Dynamics</i> , <b>2014</b> , 78, 209-217	5	6
33	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
32	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
31	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
30	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
29	Improved Weighted Average Prediction for Multi-Agent Networks. <i>Circuits, Systems, and Signal Processing</i> , <b>2014</b> , 33, 1721-1736	2.2	4
28	Integrating Demand Response and Renewable Energy In Wholesale Market <b>2018</b> ,		4
27	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
26	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
25	PV energy sharing cloud: Towards automatic pricing and energy management <b>2016</b> ,		3
24	DBRec <b>2019</b> ,		3
23	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
22	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
21	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
20	Distributed Resource Allocation via Accelerated Saddle Point Dynamics. <i>IEEE/CAA Journal of Automatica Sinica</i> , <b>2021</b> , 8, 1588-1599	7	3

19	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
18	Distributed consensus based optimization in dynamical economic dispatch <b>2017</b> ,		2
17	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
16	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
15	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
14	Network constrained optimal automatic generation control for a two area power System <b>2015</b> ,		1
13	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
12	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
11	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
10	HIGnet: Hierarchical and Interactive Gate Networks for Item Recommendation. <i>IEEE Intelligent Systems</i> , <b>2020</b> , 35, 50-61	4.2	1
9	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
8	Neural network with added inertia for linear complementarity problem <b>2018</b> ,		1
7	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
6	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
5	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
4	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
3	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	
2	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	

- 1 Impulsive Synchronization of State Delayed Discrete Complex Networks with Switching Topology. *Lecture Notes in Computer Science*, **2012**, 50-57 0.9