

# Xiuxian 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.

36 papers	397 citations	11 h-index	19 g-index
45 ext. papers	595 ext. citations	5 avg, IF	4.77 L-index

#	Paper	IF	Citations
36	A Distributed Proximal Primal-Dual Algorithm for Energy Management with Transmission Losses in Smart Grid. <i>IEEE Transactions on Industrial Informatics</i> , <b>2022</b> , 1-1	11.9	2
35	Exponential convergence of distributed optimization for heterogeneous linear multi-agent systems over unbalanced digraphs. <i>Automatica</i> , <b>2022</b> , 141, 110259	5.7	1
34	A Survey of ADAS Perceptions With Development in China. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2022</b> , 1-16	6.1	0
33	Distributed multi-robot sweep coverage for a region with unknown workload distribution. <i>Autonomous Intelligent Systems</i> , <b>2021</b> , 1, 1		
32	Distributed Proximal Algorithms for Multiagent Optimization With Coupled Inequality Constraints. <i>IEEE Transactions on Automatic Control</i> , <b>2021</b> , 66, 1223-1230	5.9	9
31	Distributed Algorithms for Computing a Common Fixed Point of a Group of Nonexpansive Operators. <i>IEEE Transactions on Automatic Control</i> , <b>2021</b> , 66, 2130-2145	5.9	3
30	Distributed Online Optimization for Multi-Agent Networks With Coupled Inequality Constraints. <i>IEEE Transactions on Automatic Control</i> , <b>2021</b> , 66, 3575-3591	5.9	11
29	Distributed Online Convex Optimization with an Aggregative Variable. <i>IEEE Transactions on Control of Network Systems</i> , <b>2021</b> , 1-1	4	1
28	Distributed Estimation Under Sensor Attacks: Linear and Nonlinear Measurement Models. <i>IEEE Transactions on Signal and Information Processing Over Networks</i> , <b>2021</b> , 7, 156-165	2.8	7
27	Recent advances on distributed online optimization. <i>Control Theory and Technology</i> , <b>2021</b> , 19, 153-156	1	
26	Robust flocking for non-identical second-order nonlinear multi-agent systems. <i>Autonomous Intelligent Systems</i> , <b>2021</b> , 1, 1		
25	Distributed Aggregative Optimization over Multi-Agent Networks. <i>IEEE Transactions on Automatic Control</i> , <b>2021</b> , 1-1	5.9	3
24	Synchronization of networks over finite fields. <i>Automatica</i> , <b>2020</b> , 115, 108877	5.7	8
23	Distributed Online Convex Optimization With Time-Varying Coupled Inequality Constraints. <i>IEEE Transactions on Signal Processing</i> , <b>2020</b> , 68, 731-746	4.8	28
22	Distributed algorithms for computing a fixed point of multi-agent nonexpansive operators. <i>Automatica</i> , <b>2020</b> , 122, 109286	5.7	2
21	Distributed Bandit Online Convex Optimization With Time-Varying Coupled Inequality Constraints. <i>IEEE Transactions on Automatic Control</i> , <b>2020</b> , 1-1	5.9	3
20	Distributed Nonlinear Estimation Over Unbalanced Directed Networks. <i>IEEE Transactions on Signal Processing</i> , <b>2020</b> , 68, 6212-6223	4.8	5

19	Ultra-Wideband and Odometry-Based Cooperative Relative Localization With Application to Multi-UAV Formation Control. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , 50, 2590-2603	10.2	67
18	Preview-Based Discrete-Time Dynamic Formation Control Over Directed Networks via Matrix-Valued Laplacian. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , 50, 1251-1263	10.2	6
17	Simultaneous cooperative relative localization and distributed formation control for multiple UAVs. <i>Science China Information Sciences</i> , <b>2020</b> , 63, 1	3.4	14
16	Distributed Continuous-Time Nonsmooth Convex Optimization With Coupled Inequality Constraints. <i>IEEE Transactions on Control of Network Systems</i> , <b>2020</b> , 7, 74-84	4	12
15	Ratio-of-Distance Rigidity Theory With Application to Similar Formation Control. <i>IEEE Transactions on Automatic Control</i> , <b>2020</b> , 65, 2598-2611	5.9	8
14	Distributed continuous-time algorithm for a general nonsmooth monotropic optimization problem. <i>International Journal of Robust and Nonlinear Control</i> , <b>2019</b> , 29, 3252-3266	3.6	11
13	Quantized Consensus of Multi-Agent Networks With Sampled Data and Markovian Interaction Links. <i>IEEE Transactions on Cybernetics</i> , <b>2019</b> , 49, 1816-1825	10.2	23
12	Dynamic Formation Control Over Directed Networks Using Graphical Laplacian Approach. <i>IEEE Transactions on Automatic Control</i> , <b>2018</b> , 63, 3761-3774	5.9	26
11	Ratio-of-Distance Rigidity in Distributed Formation Control <b>2018</b> ,		1
10	Stabilisation of non-linear DISS systems with uncertainty via encoded feedback. <i>IET Control Theory and Applications</i> , <b>2017</b> , 11, 732-739	2.5	
9	Distributed Bounds on the Algebraic Connectivity of Graphs With Application to Agent Networks. <i>IEEE Transactions on Cybernetics</i> , <b>2017</b> , 47, 2121-2131	10.2	18
8	A novel approach to time-varying formation control <b>2017</b> ,		1
7	Barrier coverage by heterogeneous sensor network with input saturation <b>2017</b> ,		4
6	A matrix method to hypergraph transversal and covering problems with application in simplifying Boolean functions <b>2016</b> ,		3
5	Consensus networks with time-delays over finite fields. <i>International Journal of Control</i> , <b>2016</b> , 89, 1000-1008	10.9	7
4	Consensus networks with switching topology and time-delays over finite fields. <i>Automatica</i> , <b>2016</b> , 68, 39-43	5.7	33
3	Flocking of networked Euler-Lagrange systems with uncertain parameters and time-delays under directed graphs. <i>Nonlinear Dynamics</i> , <b>2016</b> , 85, 415-424	5	19
2	l1-gain analysis and model reduction problem for Boolean control networks. <i>Information Sciences</i> , <b>2016</b> , 348, 68-83	7.7	42

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