

# Xiuxian Li

## List of Publications by Year in descending order

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papers

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citations

430874

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docs citations

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times ranked

680  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultra-Wideband and Odometry-Based Cooperative Relative Localization With Application to Multi-UAV Formation Control. IEEE Transactions on Cybernetics, 2020, 50, 2590-2603.	9.5	154
2	Distributed Online Convex Optimization With Time-Varying Coupled Inequality Constraints. IEEE Transactions on Signal Processing, 2020, 68, 731-746.	5.3	82
3	l1-gain analysis and model reduction problem for Boolean control networks. Information Sciences, 2016, 348, 68-83.	6.9	60
4	Distributed Online Optimization for Multi-Agent Networks With Coupled Inequality Constraints. IEEE Transactions on Automatic Control, 2021, 66, 3575-3591.	5.7	53
5	Consensus networks with switching topology and time-delays over finite fields. Automatica, 2016, 68, 39-43.	5.0	50
6	Distributed Continuous-Time Nonsmooth Convex Optimization With Coupled Inequality Constraints. IEEE Transactions on Control of Network Systems, 2020, 7, 74-84.	3.7	42
7	Distributed Bandit Online Convex Optimization With Time-Varying Coupled Inequality Constraints. IEEE Transactions on Automatic Control, 2021, 66, 4620-4635.	5.7	42
8	Dynamic Formation Control Over Directed Networks Using Graphical Laplacian Approach. IEEE Transactions on Automatic Control, 2018, 63, 3761-3774.	5.7	35
9	Quantized Consensus of Multi-Agent Networks With Sampled Data and Markovian Interaction Links. IEEE Transactions on Cybernetics, 2019, 49, 1816-1825.	9.5	31
10	Distributed Proximal Algorithms for Multiagent Optimization With Coupled Inequality Constraints. IEEE Transactions on Automatic Control, 2021, 66, 1223-1230.	5.7	28
11	Distributed Aggregative Optimization Over Multi-Agent Networks. IEEE Transactions on Automatic Control, 2022, 67, 3165-3171.	5.7	27
12	Flocking of networked Euler-Lagrange systems with uncertain parameters and time-delays under directed graphs. Nonlinear Dynamics, 2016, 85, 415-424.	5.2	26
13	Distributed Bounds on the Algebraic Connectivity of Graphs With Application to Agent Networks. IEEE Transactions on Cybernetics, 2017, 47, 2121-2131.	9.5	24
14	Simultaneous cooperative relative localization and distributed formation control for multiple UAVs. Science China Information Sciences, 2020, 63, 1.	4.3	24
15	Ratio-of-Distance Rigidity Theory With Application to Similar Formation Control. IEEE Transactions on Automatic Control, 2020, 65, 2598-2611.	5.7	22
16	Distributed continuous-time algorithm for a general nonsmooth monotropic optimization problem. International Journal of Robust and Nonlinear Control, 2019, 29, 3252-3266.	3.7	21
17	Synchronization of networks over finite fields. Automatica, 2020, 115, 108877.	5.0	21
18	Distributed Online Convex Optimization With an Aggregative Variable. IEEE Transactions on Control of Network Systems, 2022, 9, 438-449.	3.7	21

#	ARTICLE	IF	CITATIONS
19	Finite-time consensus of second-order multi-agent systems via a structural approach. <i>Journal of the Franklin Institute</i> , 2016, 353, 3876-3896.	3.4	19
20	Consensus networks with time-delays over finite fields. <i>International Journal of Control</i> , 2016, 89, 1000-1008.	1.9	17
21	Preview-Based Discrete-Time Dynamic Formation Control Over Directed Networks via Matrix-Valued Laplacian. <i>IEEE Transactions on Cybernetics</i> , 2020, 50, 1251-1263.	9.5	16
22	Exponential convergence of distributed optimization for heterogeneous linear multi-agent systems over unbalanced digraphs. <i>Automatica</i> , 2022, 141, 110259.	5.0	13
23	Distributed Estimation Under Sensor Attacks: Linear and Nonlinear Measurement Models. <i>IEEE Transactions on Signal and Information Processing Over Networks</i> , 2021, 7, 156-165.	2.8	12
24	Distributed Nonlinear Estimation Over Unbalanced Directed Networks. <i>IEEE Transactions on Signal Processing</i> , 2020, 68, 6212-6223.	5.3	11
25	A Survey of ADAS Perceptions With Development in China. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022, 23, 14188-14203.	8.0	9
26	A Distributed Proximal Primal-Dual Algorithm for Energy Management With Transmission Losses in Smart Grid. <i>IEEE Transactions on Industrial Informatics</i> , 2022, 18, 7608-7618.	11.3	7
27	Distributed multi-robot sweep coverage for a region with unknown workload distribution. <i>Autonomous Intelligent Systems</i> , 2021, 1, 1.	3.1	6
28	Autonomous dynamic docking of UAV based on UWB-vision in GPS-denied environment. <i>Journal of the Franklin Institute</i> , 2022, 359, 2788-2809.	3.4	6
29	Barrier coverage by heterogeneous sensor network with input saturation. , 2017, , .		5
30	Distributed Algorithms for Computing a Common Fixed Point of a Group of Nonexpansive Operators. <i>IEEE Transactions on Automatic Control</i> , 2021, 66, 2130-2145.	5.7	5
31	A matrix method to hypergraph transversal and covering problems with application in simplifying Boolean functions. , 2016, , .		4
32	Distributed algorithms for computing a fixed point of multi-agent nonexpansive operators. <i>Automatica</i> , 2020, 122, 109286.	5.0	4
33	Recent advances on distributed online optimization. <i>Control Theory and Technology</i> , 2021, 19, 153-156.	1.6	3
34	Preview-Based Formation Control. , 2018, , .		2
35	A Distributed Algorithm for Online Convex Optimization with Time-Varying Coupled Inequality Constraints. , 2019, , .		2
36	A Distributed Primal-Dual Algorithm for Bandit Online Convex Optimization with Time-Varying Coupled Inequality Constraints. , 2020, , .		2

#	ARTICLE	IF	CITATIONS
37	A Linearly Convergent Algorithm for Multi-Agent Quasi-Nonexpansive Operators in Real Hilbert Spaces. , 2020, , .		2
38	Global bounded consensus of general nonidentical networks with distributed time-delays. , 2015, , .		1
39	Stabilisation of non-linear DISS systems with uncertainty via encoded feedback. IET Control Theory and Applications, 2017, 11, 732-739.	2.1	1
40	A novel approach to time-varying formation control. , 2017, , .		1
41	Ratio-of-Distance Rigidity in Distributed Formation Control. , 2018, , .		1
42	Robust flocking for non-identical second-order nonlinear multi-agent systems. Autonomous Intelligent Systems, 2021, 1, 1.	3.1	1
43	Distributed leader-follower consensus of nonlinear multi-agent systems under time-varying protocol. , 2017, , .		0
44	Distributed Continuous-Time Constrained Convex Optimization via Nonsmooth Analysis. , 2018, , .		0
45	Distributed Proximal Point Algorithm for Constrained Optimization over Unbalanced Graphs. , 2019, , .		0