Xiuxian Li

List of Publications by Year
in descending order

45 papers	913 citations	430874 18 h-index	454955 30 g-index
45 all docs	45 docs citations	45 times ranked	680 citing authors

#	Article	IF	Citations
1	Distributed Online Convex Optimization With an Aggregative Variable. IEEE Transactions on Control of Network Systems, 2022, 9, 438-449.	3.7	21
2	Distributed Aggregative Optimization Over Multi-Agent Networks. IEEE Transactions on Automatic Control, 2022, 67, 3165-3171.	5.7	27
3	A Distributed Proximal Primal–Dual Algorithm for Energy Management With Transmission Losses in Smart Grid. IEEE Transactions on Industrial Informatics, 2022, 18, 7608-7618.	11.3	7
4	Autonomous dynamic docking of UAV based on UWB-vision in GPS-denied environment. Journal of the Franklin Institute, 2022, 359, 2788-2809.	3.4	6
5	Exponential convergence of distributed optimization for heterogeneous linear multi-agent systems over unbalanced digraphs. Automatica, 2022, 141, 110259.	5.0	13
6	A Survey of ADAS Perceptions With Development in China. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 14188-14203.	8.0	9
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	Distributed Proximal Algorithms for Multiagent Optimization With Coupled Inequality Constraints. IEEE Transactions on Automatic Control, 2021, 66, 1223-1230.	5.7	28
9	Distributed Algorithms for Computing a Common Fixed Point of a Group of Nonexpansive Operators. IEEE Transactions on Automatic Control, 2021, 66, 2130-2145.	5.7	5
10	Distributed Online Optimization for Multi-Agent Networks With Coupled Inequality Constraints. IEEE Transactions on Automatic Control, 2021, 66, 3575-3591.	5.7	53
11	Distributed Estimation Under Sensor Attacks: Linear and Nonlinear Measurement Models. IEEE Transactions on Signal and Information Processing Over Networks, 2021, 7, 156-165.	2.8	12
12	Recent advances on distributed online optimization. Control Theory and Technology, 2021, 19, 153-156.	1.6	3
13	Robust flocking for non-identical second-order nonlinear multi-agent systems. Autonomous Intelligent Systems, 2021, 1, 1.	3.1	1
14	Distributed multi-robot sweep coverage for a region with unknown workload distribution. Autonomous Intelligent Systems, 2021, 1, 1.	3.1	6
15	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
16	Preview-Based Discrete-Time Dynamic Formation Control Over Directed Networks via Matrix-Valued Laplacian. IEEE Transactions on Cybernetics, 2020, 50, 1251-1263.	9.5	16
17	Simultaneous cooperative relative localization and distributed formation control for multiple UAVs. Science China Information Sciences, 2020, 63, 1.	4.3	24
18	Distributed Continuous-Time Nonsmooth Convex Optimization With Coupled Inequality Constraints. IEEE Transactions on Control of Network Systems, 2020, 7, 74-84.	3.7	42

#	Article	IF	Citations
19	Ratio-of-Distance Rigidity Theory With Application to Similar Formation Control. IEEE Transactions on Automatic Control, 2020, 65, 2598-2611.	5.7	22
20	Distributed Online Convex Optimization With Time-Varying Coupled Inequality Constraints. IEEE Transactions on Signal Processing, 2020, 68, 731-746.	5.3	82
21	Distributed algorithms for computing a fixed point of multi-agent nonexpansive operators. Automatica, 2020, 122, 109286.	5.0	4
22	Distributed Nonlinear Estimation Over Unbalanced Directed Networks. IEEE Transactions on Signal Processing, 2020, 68, 6212-6223.	5.3	11
23	A Distributed Primal-Dual Algorithm for Bandit Online Convex Optimization with Time-Varying Coupled Inequality Constraints. , 2020, , .		2
24	Synchronization of networks over finite fields. Automatica, 2020, 115, 108877.	5.0	21
25	A Linearly Convergent Algorithm for Multi-Agent Quasi-Nonexpansive Operators in Real Hilbert Spaces. , 2020, , .		2
26	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
27	A Distributed Algorithm for Online Convex Optimization with Time-Varying Coupled Inequality Constraints. , 2019, , .		2
28	Distributed Proximal Point Algorithm for Constrained Optimization over Unbalanced Graphs. , 2019, , .		0
29	Quantized Consensus of Multi-Agent Networks With Sampled Data and Markovian Interaction Links. IEEE Transactions on Cybernetics, 2019, 49, 1816-1825.	9.5	31
30	Dynamic Formation Control Over Directed Networks Using Graphical Laplacian Approach. IEEE Transactions on Automatic Control, 2018, 63, 3761-3774.	5.7	35
31	Distributed Continuous-Time Constrained Convex Optimization via Nonsmooth Analysis. , 2018, , .		0
32	Ratio-of-Distance Rigidity in Distributed Formation Control. , 2018, , .		1
33	Preview-Based Formation Control. , 2018, , .		2
34	Stabilisation of non–linear DISS systems with uncertainty via encoded feedback. IET Control Theory and Applications, 2017, 11, 732-739.	2.1	1
35	Distributed Bounds on the Algebraic Connectivity of Graphs With Application to Agent Networks. IEEE Transactions on Cybernetics, 2017, 47, 2121-2131.	9.5	24
36	A novel approach to time-varying formation control. , 2017, , .		1

#	Article	IF	Citations
37	Barrier coverage by heterogeneous sensor network with input saturation. , 2017, , .		5
38	Distributed leader-follower consensus of nonlinear multi-agent systems under time-varying protocol. , 2017, , .		0
39	l1-gain analysis and model reduction problem for Boolean control networks. Information Sciences, 2016, 348, 68-83.	6.9	60
40	Finite-time consensus of second-order multi-agent systems via a structural approach. Journal of the Franklin Institute, 2016, 353, 3876-3896.	3.4	19
41	A matrix method to hypergraph transversal and covering problems with application in simplifying Boolean functions. , 2016, , .		4
42	Consensus networks with time-delays over finite fields. International Journal of Control, 2016, 89, 1000-1008.	1.9	17
43	Consensus networks with switching topology and time-delays over finite fields. Automatica, 2016, 68, 39-43.	5.0	50
44	Flocking of networked Euler–Lagrange systems with uncertain parameters and time-delays under directed graphs. Nonlinear Dynamics, 2016, 85, 415-424.	5.2	26
45	Global bounded consensus of general nonidentical networks with distributed time-delays. , 2015, , .		1