Xiuxian Li

List of Publications by Citations

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	Ultra-Wideband and Odometry-Based Cooperative Relative Localization With Application to Multi-UAV Formation Control. *IEEE Transactions on Cybernetics*, **2020**, 50, 2590-2603	10.2	67
35	l1-gain analysis and model reduction problem for Boolean control networks. *Information Sciences*, **2016**, 348, 68-83	7.7	42
34	Consensus networks with switching topology and time-delays over finite fields. *Automatica*, **2016**, 68, 39-43	5.7	33
33	Distributed Online Convex Optimization With Time-Varying Coupled Inequality Constraints. *IEEE Transactions on Signal Processing*, **2020**, 68, 731-746	4.8	28
32	Dynamic Formation Control Over Directed Networks Using Graphical Laplacian Approach. *IEEE Transactions on Automatic Control*, **2018**, 63, 3761-3774	5.9	26
31	Quantized Consensus of Multi-Agent Networks With Sampled Data and Markovian Interaction Links. *IEEE Transactions on Cybernetics*, **2019**, 49, 1816-1825	10.2	23
30	Flocking of networked Euler–Lagrange systems with uncertain parameters and time-delays under directed graphs. *Nonlinear Dynamics*, **2016**, 85, 415-424	5	19
29	Distributed Bounds on the Algebraic Connectivity of Graphs With Application to Agent Networks. *IEEE Transactions on Cybernetics*, **2017**, 47, 2121-2131	10.2	18
28	Finite-time consensus of second-order multi-agent systems via a structural approach. *Journal of the Franklin Institute*, **2016**, 353, 3876-3896	4	16
27	Simultaneous cooperative relative localization and distributed formation control for multiple UAVs. *Science China Information Sciences*, **2020**, 63, 1	3.4	14
26	Distributed Continuous-Time Nonsmooth Convex Optimization With Coupled Inequality Constraints. *IEEE Transactions on Control of Network Systems*, **2020**, 7, 74-84	4	12
25	Distributed continuous-time algorithm for a general nonsmooth monotropic optimization problem. *International Journal of Robust and Nonlinear Control*, **2019**, 29, 3252-3266	3.6	11
24	Distributed Online Optimization for Multi-Agent Networks With Coupled Inequality Constraints. *IEEE Transactions on Automatic Control*, **2021**, 66, 3575-3591	5.9	11
23	Distributed Proximal Algorithms for Multiagent Optimization With Coupled Inequality Constraints. *IEEE Transactions on Automatic Control*, **2021**, 66, 1223-1230	5.9	9
22	Synchronization of networks over finite fields. *Automatica*, **2020**, 115, 108877	5.7	8
21	Ratio-of-Distance Rigidity Theory With Application to Similar Formation Control. *IEEE Transactions on Automatic Control*, **2020**, 65, 2598-2611	5.9	8
20	Consensus networks with time-delays over finite fields. *International Journal of Control*, **2016**, 89, 1000-1008	1.9	7

19	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	7
18	Preview-Based Discrete-Time Dynamic Formation Control Over Directed Networks via Matrix-Valued Laplacian. *IEEE Transactions on Cybernetics*, **2020**, 50, 1251-1263	10.2	6
17	Distributed Nonlinear Estimation Over Unbalanced Directed Networks. *IEEE Transactions on Signal Processing*, **2020**, 68, 6212-6223	4.8	5
16	Barrier coverage by heterogeneous sensor network with input saturation **2017**,		4
15	A matrix method to hypergraph transversal and covering problems with application in simplifying Boolean functions **2016**,		3
14	Distributed Bandit Online Convex Optimization With Time-Varying Coupled Inequality Constraints. *IEEE Transactions on Automatic Control*, **2020**, 1-1	5.9	3
13	Distributed Algorithms for Computing a Common Fixed Point of a Group of Nonexpansive Operators. *IEEE Transactions on Automatic Control*, **2021**, 66, 2130-2145	5.9	3
12	Distributed Aggregative Optimization over Multi-Agent Networks. *IEEE Transactions on Automatic Control*, **2021**, 1-1	5.9	3
11	A Distributed Proximal Primal-Dual Algorithm for Energy Management with Transmission Losses in Smart Grid. *IEEE Transactions on Industrial Informatics*, **2022**, 1-1	11.9	2
10	Distributed algorithms for computing a fixed point of multi-agent nonexpansive operators. *Automatica*, **2020**, 122, 109286	5.7	2
9	A novel approach to time-varying formation control **2017**,		1
8	Distributed Online Convex Optimization with an Aggregative Variable. *IEEE Transactions on Control of Network Systems*, **2021**, 1-1	4	1
7	Ratio-of-Distance Rigidity in Distributed Formation Control **2018**,		1
6	Exponential convergence of distributed optimization for heterogeneous linear multi-agent systems over unbalanced digraphs. *Automatica*, **2022**, 141, 110259	5.7	1
5	A Survey of ADAS Perceptions With Development in China. *IEEE Transactions on Intelligent Transportation Systems*, **2022**, 1-16	6.1	0
4	Stabilisation of non-linear DISS systems with uncertainty via encoded feedback. *IET Control Theory and Applications*, **2017**, 11, 732-739	2.5	
3	Distributed multi-robot sweep coverage for a region with unknown workload distribution. *Autonomous Intelligent Systems*, **2021**, 1, 1		
2	Recent advances on distributed online optimization. *Control Theory and Technology*, **2021**, 19, 153-156	1	

1 Robust flocking for non-identical second-order nonlinear multi-agent systems. *Autonomous Intelligent Systems*, **2021**, 1, 1