

Xiaolei Li

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Formation Control of Heterogeneous Discrete-Time Nonlinear Multi-Agent Systems With Uncertainties. IEEE Transactions on Industrial Electronics, 2017, 64, 4730-4740.	5.2	97
2	Adaptive Formation Control of Networked Robotic Systems With Bearing-Only Measurements. IEEE Transactions on Cybernetics, 2021, 51, 199-209.	6.2	82
3	Finite-time consensus of nonlinear multi-agent system with prescribed performance. Nonlinear Dynamics, 2018, 91, 2397-2409.	2.7	43
4	Globally Convergent Distributed Network Localization Using Locally Measured Bearings. IEEE Transactions on Control of Network Systems, 2020, 7, 245-253.	2.4	32
5	Finite-time consensus for nonlinear multi-agent systems with time-varying delay: An auxiliary system approach. Journal of the Franklin Institute, 2018, 355, 2703-2719.	1.9	30
6	Adaptive Resilient Secondary Control for Islanded AC Microgrids With Sensor Faults. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2021, 9, 5239-5248.	3.7	28
7	Angle-Displacement Rigidity Theory With Application to Distributed Network Localization. IEEE Transactions on Automatic Control, 2021, 66, 2574-2587.	3.6	27
8	Adaptive Bearing-Only Formation Tracking Control for Nonholonomic Multiagent Systems. IEEE Transactions on Cybernetics, 2022, 52, 7552-7562.	6.2	24
9	Flocking for multi-agent systems with optimally rigid topology based on information weighted Kalman consensus filter. International Journal of Control, Automation and Systems, 2017, 15, 138-148.	1.6	23
10	Adaptive Resilient Secondary Control for Microgrids With Communication Faults. IEEE Transactions on Cybernetics, 2022, 52, 8493-8503.	6.2	23
11	Bearing-based formation control of networked robotic systems with parametric uncertainties. Neurocomputing, 2018, 306, 234-245.	3.5	22
12	Globally Stable Formation Control of Nonholonomic Multiagent Systems With Bearing-Only Measurement. IEEE Systems Journal, 2020, 14, 2901-2912.	2.9	19
13	Resilient Cooperative Control for Networked Lagrangian Systems Against DoS Attacks. IEEE Transactions on Cybernetics, 2022, 52, 836-848.	6.2	19
14	Distributed Formation Maneuver Control of Multiagent Systems Over Directed Graphs. IEEE Transactions on Cybernetics, 2022, 52, 8201-8212.	6.2	18
15	Virtual-Lattice Based Intrusion Detection Algorithm over Actuator-Assisted Underwater Wireless Sensor Networks. Sensors, 2017, 17, 1168.	2.1	16
16	An Adaptive Sampling Algorithm for Target Tracking in Underwater Wireless Sensor Networks. IEEE Access, 2018, 6, 68324-68336.	2.6	15
17	Specified-time bearing-based formation control of multi-agent systems via a dynamic gain approach. Journal of the Franklin Institute, 2018, 355, 8619-8641.	1.9	13
18	Resilience for Communication Faults in Reactive Power Sharing of Microgrids. IEEE Transactions on Smart Grid, 2021, 12, 2788-2799.	6.2	13

#	ARTICLE	IF	CITATIONS
19	Robust H_∞ output feedback control for type-2 Takagi-Sugeno fuzzy systems with multiple time delays and disturbances: A descriptor redundancy approach. <i>International Journal of Robust and Nonlinear Control</i> , 2021, 31, 6095-6122.	2.1	12
20	Sliding Mode Formation Control of Nonlinear Multi-agent Systems with Local Lipschitz Continuous Dynamics. <i>Journal of Systems Science and Complexity</i> , 2019, 32, 759-777.	1.6	11
21	3-D Distributed Localization With Mixed Local Relative Measurements. <i>IEEE Transactions on Signal Processing</i> , 2020, 68, 5869-5881.	3.2	11
22	Event-based resilience to DoS attacks on communication for consensus of networked Lagrangian systems. <i>International Journal of Robust and Nonlinear Control</i> , 2021, 31, 1834-1850.	2.1	11
23	Connectivity-maintained and specified-time vehicle platoon control systems with disturbance observer. <i>International Journal of Robust and Nonlinear Control</i> , 2021, 31, 7844-7861.	2.1	11
24	Resilient leader tracking for networked Lagrangian systems under DoS attacks. <i>Information Sciences</i> , 2021, 577, 622-637.	4.0	11
25	Bearing-based formation manoeuvre control of nonholonomic multi-agent systems. <i>International Journal of Systems Science</i> , 2019, 50, 2993-3002.	3.7	10
26	Potential-Game Based Optimally Rigid Topology Control in Wireless Sensor Networks. <i>IEEE Access</i> , 2018, 6, 16599-16609.	2.6	8
27	H_∞ stability analysis and output feedback control for fuzzy stochastic networked control systems with time-varying communication delays and multipath packet dropouts. <i>Neural Computing and Applications</i> , 2020, 32, 14733-14751.	3.2	8
28	Bearing-only formation control of multi-agent systems in local reference frames. <i>International Journal of Control</i> , 2021, 94, 1261-1272.	1.2	8
29	Robust predefined-time platoon control of networked vehicles with uncertain disturbances. <i>International Journal of Systems Science</i> , 2021, 52, 3128-3140.	3.7	7
30	Lower Bound Accuracy of Bearing-Based Localization for Wireless Sensor Networks. <i>IEEE Transactions on Signal and Information Processing Over Networks</i> , 2020, 6, 556-569.	1.6	6
31	Jamming-Resilient Synchronization of Networked Lagrangian Systems With Quantized Sampling Data. <i>IEEE Transactions on Industrial Informatics</i> , 2022, 18, 8724-8734.	7.2	6
32	Output consensus for heterogeneous nonlinear multi-agent systems based on T-S fuzzy model. <i>Journal of Systems Science and Complexity</i> , 2017, 30, 1042-1060.	1.6	5
33	Joint grid network and improved particle swarm optimization for path planning of mobile robot. , 2017, , .		3
34	Time-Varying Formation Control of Nonholonomic Multi-Agent Systems. , 2019, , .		3
35	Asynchronous Event-Trigger Consensus of Leaderless Homogeneous Nonlinear Networked Lagrangian Systems. , 2021, , .		3
36	Formation Coverage Control for Mobile Directional Sensor Networks with Obstacle Avoidance via Stream Function. , 2019, , .		2

#	ARTICLE	IF	CITATIONS
37	Bearing Rigidity-Based Localizability Analysis for Wireless Sensor Networks. IEEE Transactions on Signal and Information Processing Over Networks, 2020, 6, 526-539.	1.6	2
38	Consensus for linear multi-agent systems with constant and time-varying communication delays via delay-decomposition approach. , 2014, , .		1
39	Distributed velocity observer based formation control for multi-agent systems. , 2014, , .		1
40	Incremental Kalman filter for consensus estimate of wireless sensor networks. , 2016, , .		1
41	Adaptive finite-time consensus of nonlinear multi-agent systems with unknown dynamics and disturbances. , 2017, , .		1
42	Cooperative Platoon Control for Uncertain Networked Aerial Vehicles With Predefined-Time Convergence. IEEE Internet of Things Journal, 2022, 9, 5982-5991.	5.5	0
43	Smooth Adaptive Leader-Following Consensus Control for Uncertain Fractional-Order Nonlinear Multi-Agent Systems with Time-Varying Reference. , 2020, , .		0
44	Resilient Consensus Control for Networked Lagrangian Systems With Constant Time Delay and External Disturbance. , 2020, , .		0