Juan Zhang

**List of Publications by Year
in descending order**

33 papers	591 citations	623188 14 h-index	642321 23 g-index
33 all docs	33 docs citations	33 times ranked	240 citing authors

#	Article	IF	Citations
1	Leader-follower consensus control for linear multi-agent systems by fully distributed edge-event-triggered adaptive strategies. Information Sciences, 2021, 555, 314-338.	4.0	63
2	Distributed cooperative output regulation of heterogeneous linear multi-agent systems based on event- and self-triggered control with undirected topology. ISA Transactions, 2020, 99, 191-198.	3.1	58
3	Leader-Following Consensus for a Class of Nonlinear Multiagent Systems Under Event-Triggered and Edge-Event Triggered Mechanisms. IEEE Transactions on Cybernetics, 2022, 52, 7643-7654.	6.2	58
4	Distributed Bipartite Consensus of Linear Multiagent Systems Based on Event-Triggered Output Feedback Control Scheme. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 6743-6756.	5.9	53
5	Fixed-time time-varying formation tracking for nonlinear multi-agent systems under event-triggered mechanism. Information Sciences, 2021, 564, 45-70.	4.0	38
6	Fixed-time leader-following/containment consensus for a class of nonlinear multi-agent systems. Information Sciences, 2021, 555, 58-84.	4.0	32
7	Observer-Based Output Feedback Event-Triggered Adaptive Control for Linear Multiagent Systems Under Switching Topologies. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 7161-7171.	7.2	28
8	Distributed bipartite leader-following consensus of linear multi-agent systems with input time delay based on event-triggered transmission mechanism. ISA Transactions, 2020, 100, 221-234.	3.1	23
9	Multiple Delay-Dependent Robust H_∞ Finite-Time Filtering for Uncertain Itô Stochastic Takagi–Sugeno Fuzzy Semi-Markovian Jump Systems With State Constraints. IEEE Transactions on Fuzzy Systems, 2022, 30, 321-331.	6.5	21
10	Fully Distributed Dynamic Event-Triggered Bipartite Formation Tracking for Multiagent Systems With Multiple Nonautonomous Leaders. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 7453-7466.	7.2	19
11	Adaptive Bipartite Output Tracking Consensus in Switching Networks of Heterogeneous Linear Multiagent Systems Based on Edge Events. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 79-89.	7.2	17
12	Consensus control for nonlinear multi-agent systems with event-triggered communications. Applied Mathematics and Computation, 2021, 408, 126341.	1.4	17
13	Cooperative output regulation of heterogeneous linear multi-agent systems via fully distributed event-triggered adaptive control. Neurocomputing, 2020, 393, 38-45.	3.5	16
14	Adaptive Time-Varying Formation Tracking Control for Multiagent Systems With Nonzero Leader Input by Intermittent Communications. IEEE Transactions on Cybernetics, 2023, 53, 5706-5715.	6.2	16
15	Adaptive Event-Triggered Time-Varying Output Bipartite Formation Containment of Multiagent Systems Under Directed Graphs. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 8909-8922.	7.2	15
16	Adaptive Event-Triggered Leader-Follower Consensus of Linear Multiagent Systems Under Directed Graph With Nonzero Leader Input. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 1442-1446.	2.2	14
17	Cooperative output regulation of heterogeneous linear multi-agent systems based on the event-triggered distributed control under switching topologies. Applied Mathematics and Computation, 2021, 390, 125611.	1.4	12
18	Eventself-triggered leader-following consensus of multi-agent systems with general dynamics. IET Control Theory and Applications, 2020, 14, 1209-1219.	1.2	12

#	Article	IF	Citations
19	Dissipativity-Based Finite-Time Filtering for Uncertain Semi-Markovian Jump Random Systems With Multiple Time Delays and State Constraints. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 2995-3009.	7.2	10
20	The Bipartite Edge-Based Event-Triggered Output Tracking of Heterogeneous Linear Multiagent Systems. IEEE Transactions on Cybernetics, 2023, 53, 967-978.	6.2	9
21	Distributed edge-event triggered consensus control for multi-agent systems by edge-based asynchronous communications. Applied Mathematics and Computation, 2021, 397, 125920.	1.4	9
22	Adaptive Event-Triggered Consensus of Linear Multiagent Systems With Resilience to Communication Link Faults for Digraphs. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 3249-3253.	2.2	9
23	Fully distributed bipartite time–varying formation control for uncertain linear multi–agent systems under event–triggered mechanism. International Journal of Robust and Nonlinear Control, 2021, 31, 5165-5187.	2.1	8
24	Dissipativity-Based Intermittent Fault Detection and Fault-Tolerant Control for Uncertain Switched Random Nonlinear Systems With Multiple Delays. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 7457-7468.	5.9	8
25	Cooperative output regulation of heterogeneous linear multi-agent systems with edge-event triggered adaptive control under time-varying topologies. Neural Computing and Applications, 2020, 32, 15573-15584.	3.2	7
26	Finite–time fault detection for multiple delayed semi–Markovian jump random systems. International Journal of Robust and Nonlinear Control, 2021, 31, 9562-9587.	2.1	7
27	Time-varying formation control with general linear multi-agent systems by distributed event-triggered mechanisms under fixed and switching topologies. Neural Computing and Applications, 2022, 34, 4277-4294.	3.2	4
28	Existence of nontrivial solutions for a nonlinear second order periodic boundary value problem with derivative term. Journal of Fixed Point Theory and Applications, 2020, 22, 1.	0.6	3
29	Cooperative Output Regulation Problem for Multiagent System Under Directed Topology Using Dynamic Triggering Strategy. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 3430-3434.	2.2	2
30	Tracking Control of Discrete-Time System With Dynamic Event-Based Adaptive Dynamic Programming. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 3570-3574.	2.2	2
31	Fault-tolerant control for uncertain switched random systems with multiple interval time-varying delays and intermittent faults. Neural Computing and Applications, 2021, 33, 17471-17487.	3.2	1
32	Event-Triggering Cooperative Output Regulation of Singular Linear Multi-Agent Systems with Zeno-Free Triggering. , 2020, , .		0
33	Cooperative output regulation of linear heterogeneous multi-agent systems based on the observer by event-triggered mechanism. , 2020, , .		0