

Wei Zhu

List of Publications by Year in descending order

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47
papers

2,667
citations

471509

17
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345221

36
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all docs

47
docs citations

47
times ranked

1678
citing authors

#	ARTICLE	IF	CITATIONS
1	Event-based consensus of multi-agent systems with general linear models. <i>Automatica</i> , 2014, 50, 552-558.	5.0	559
2	Event-Triggering Sampling Based Leader-Following Consensus in Second-Order Multi-Agent Systems. <i>IEEE Transactions on Automatic Control</i> , 2015, 60, 1998-2003.	5.7	525
3	Event-Based Leader-following Consensus of Multi-Agent Systems with Input Time Delay. <i>IEEE Transactions on Automatic Control</i> , 2015, 60, 1362-1367.	5.7	399
4	Leader-following consensus of second-order agents with multiple time-varying delays. <i>Automatica</i> , 2010, 46, 1994-1999.	5.0	363
5	Event-Based Impulsive Control of Continuous-Time Dynamic Systems and Its Application to Synchronization of Memristive Neural Networks. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018, 29, 3599-3609.	11.3	108
6	Event-based consensus of second-order multi-agent systems with discrete time. <i>Automatica</i> , 2017, 79, 78-83.	5.0	74
7	Consensus of fractional-order multi-agent systems with linear models via observer-type protocol. <i>Neurocomputing</i> , 2017, 230, 60-65.	5.9	69
8	Consensus of Fractional-Order Multi-Agent Systems with Input Time Delay. <i>Fractional Calculus and Applied Analysis</i> , 2017, 20, 52-70.	2.2	62
9	Global exponential stability of impulsive delay difference equation. <i>Applied Mathematics and Computation</i> , 2006, 181, 65-72.	2.2	44
10	Global impulsive exponential synchronization of time-delayed coupled chaotic systems. <i>Chaos, Solitons and Fractals</i> , 2008, 35, 904-912.	5.1	42
11	Event-triggered consensus in nonlinear multi-agent systems with nonlinear dynamics and directed network topology. <i>Neurocomputing</i> , 2016, 185, 105-112.	5.9	37
12	Flocking in nonlinear multi-agent systems with time-varying delay via event-triggered control. <i>Applied Mathematics and Computation</i> , 2019, 350, 66-77.	2.2	35
13	Consensus of Multiagent Systems With Switching Jointly Reachable Interconnection and Time Delays. <i>IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans</i> , 2012, 42, 348-358.	2.9	34
14	Consensus of linear multi-agent systems via adaptive event-based protocols. <i>Neurocomputing</i> , 2018, 318, 175-181.	5.9	31
15	Consensus of multi-agent systems with time-varying topology: An event-based dynamic feedback scheme. <i>International Journal of Robust and Nonlinear Control</i> , 2017, 27, 1339-1350.	3.7	28
16	Leader-Following Consensus of Multi-Agent Systems via Adaptive Event-Based Control. <i>Journal of Systems Science and Complexity</i> , 2019, 32, 846-856.	2.8	26
17	Finite-time consensus problem of multi-agent systems with disturbance. <i>Journal of the Franklin Institute</i> , 2016, 353, 2576-2587.	3.4	18
18	Event-triggered impulsive chaotic synchronization of fractional-order differential systems. <i>Applied Mathematics and Computation</i> , 2021, 388, 125554.	2.2	17

#	ARTICLE	IF	CITATIONS
19	Adaptive Event-Based Consensus of Multi-Agent Systems with General Linear Dynamics. <i>Journal of Systems Science and Complexity</i> , 2018, 31, 120-129.	2.8	16
20	Invariant and attracting sets of impulsive delay difference equations with continuous variables. <i>Computers and Mathematics With Applications</i> , 2008, 55, 2732-2739.	2.7	15
21	Fully distributed consensus of second-order multi-agent systems using adaptive event-based control. <i>Science China Information Sciences</i> , 2018, 61, 1.	4.3	15
22	Fixed-time formation tracking for multiple nonholonomic wheeled mobile robots based on distributed observer. <i>Nonlinear Dynamics</i> , 2021, 106, 3331-3349.	5.2	15
23	Finite-time Consensus of Leader-following Multi-agent Systems with Multiple Time Delays over Time-varying Topology. <i>International Journal of Control, Automation and Systems</i> , 2020, 18, 1985-1992.	2.7	14
24	Leader-following consensus of multi-agent systems via event-based impulsive control. <i>Measurement and Control</i> , 2019, 52, 91-99.	1.8	13
25	Finite-time consensus for leader-following multi-agent systems over switching network topologies. <i>Chinese Physics B</i> , 2013, 22, 110204.	1.4	12
26	Asynchronous consensus of linear multi-agent systems with impulses effect. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2020, 82, 105044.	3.3	11
27	Event-Triggered Formation Control of Multiagent Systems With Linear Continuous-Time Dynamic Models. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2022, 52, 6235-6245.	9.3	11
28	Event-based consensus of first-order discrete time multi-agent systems. , 2016, , .		10
29	Consensus analysis of first-order discrete-time multi-agent systems with time delay: An event-based approach. , 2016, , .		7
30	Fixed-time consensus of heterogeneous multi-agent systems based on distributed observer. <i>International Journal of Systems Science</i> , 0, , 1-10.	5.5	7
31	Event-Triggered Impulsive Optimal Control for Continuous-Time Dynamic Systems with Input Time-Delay. <i>Mathematics</i> , 2022, 10, 279.	2.2	7
32	Consensus of Fractional-Order Multiagent Systems with Double Integrator under Switching Topologies. <i>Discrete Dynamics in Nature and Society</i> , 2017, 2017, 1-7.	0.9	6
33	Generalized SEIR Epidemic Model for COVID-19 in a Multipatch Environment. <i>Discrete Dynamics in Nature and Society</i> , 2021, 2021, 1-12.	0.9	6
34	Consensus Analysis of Fractional-Order Multiagent Systems with Double-Integrator. <i>Discrete Dynamics in Nature and Society</i> , 2017, 2017, 1-8.	0.9	5
35	Analysis of SEIR epidemic patch model with nonlinear incidence rate, vaccination and quarantine strategies. <i>Mathematics and Computers in Simulation</i> , 2022, 200, 489-503.	4.4	5
36	Leader-following consensus of fractional-order multi-agent systems with general linear models. , 2014, , .		4

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37	Distributed convex optimization via proportional-integral-differential algorithm. Measurement and Control, 2022, 55, 13-20.	1.8	4
38	Consensus of discrete-time linear multi-agent systems with event-based dynamic feedback scheme. IET Control Theory and Applications, 2017, 11, 2567-2572.	2.1	3
39	Exponential input-to-state stability of impulsive stochastic fuzzy Cohen-Grossberg neural networks with distributed infinite transmission delays. , 2019, , .		3
40	Event-based leader-following consensus of multi-agent systems with switching topologies. , 2015, , .		2
41	Event-triggered Formation Control of Multi-agent Systems with Time Delay via Complex-valued Laplacian. , 2019, , .		2
42	Optimal mean-square consensus for heterogeneous multi-agent system with probabilistic time delay. IET Control Theory and Applications, 2021, 15, 1043-1053.	2.1	2
43	Event-Triggered Average Consensus of Multiagent Systems with Switching Topologies. Discrete Dynamics in Nature and Society, 2020, 2020, 1-7.	0.9	1
44	Consensus of First-order Multi-agent Systems via Adaptive Event-Based Impulsive Control. , 2018, , .		0
45	Fixed-Time Connectivity Preserving Tracking Consensus of Multiagent Systems with Disturbances. Complexity, 2020, 2020, 1-8.	1.6	0
46	Mean-square tracking consensus of heterogeneous multi-agent systems with additive noise and time delay. International Journal of Control, 0, , 1-12.	1.9	0
47	pth input-to-state stability of stochastic bidirectional associative memory neural networks with infinite delays. , 2021, , .		0