

Lei Ding

List of Publications by Citations

Source: <https://exaly.com/author-pdf/8882794/lei-ding-publications-by-citations.pdf>

Version: 2024-04-24

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

40
papers

2,690
citations

19
h-index

44
g-index

44
ext. papers

3,518
ext. citations

5.5
avg, IF

6.2
L-index

#	Paper	IF	Citations
40	An Overview of Recent Advances in Event-Triggered Consensus of Multiagent Systems. <i>IEEE Transactions on Cybernetics</i> , 2018 , 48, 1110-1123	10.2	529
39	A distributed event-triggered transmission strategy for sampled-data consensus of multi-agent systems. <i>Automatica</i> , 2014 , 50, 1489-1496	5.7	476
38	Network-based leader-following consensus for distributed multi-agent systems. <i>Automatica</i> , 2013 , 49, 2281-2286	5.7	253
37	Distributed Event-Triggered Estimation Over Sensor Networks: A Survey. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 1306-1320	10.2	198
36	Distributed Secondary Control for Active Power Sharing and Frequency Regulation in Islanded Microgrids Using an Event-Triggered Communication Mechanism. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 3910-3922	11.9	150
35	Distributed Cooperative Optimal Control of DC Microgrids With Communication Delays. <i>IEEE Transactions on Industrial Informatics</i> , 2018 , 14, 3924-3935	11.9	139
34	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 3112-3125	7.3	132
33	Resilient Control Design Based on a Sampled-Data Model for a Class of Networked Control Systems Under Denial-of-Service Attacks. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 3616-3626	10.2	126
32	Networked control systems: a survey of trends and techniques. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2019 , 1-17	7	88
31	Sampled-data leader-following consensus for nonlinear multi-agent systems with Markovian switching topologies and communication delay. <i>Journal of the Franklin Institute</i> , 2015 , 352, 369-383	4	82
30	Network-Based Practical Consensus of Heterogeneous Nonlinear Multiagent Systems. <i>IEEE Transactions on Cybernetics</i> , 2017 , 47, 1841-1851	10.2	82
29	. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 4909-4919	11.9	76
28	Network-based practical set consensus of multi-agent systems subject to input saturation. <i>Automatica</i> , 2018 , 89, 316-324	5.7	64
27	Fault-Tolerant Cooperative Control of Multiagent Systems: A Survey of Trends and Methodologies. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 4-17	11.9	52
26	Distributed event-triggered H _∞ consensus filtering in sensor networks. <i>Signal Processing</i> , 2015 , 108, 365-375	7.5	50
25	Consensus tracking in heterogeneous nonlinear multi-agent networks with asynchronous sampled-data communication. <i>Systems and Control Letters</i> , 2016 , 96, 151-157	2.4	44
24	Distributed Energy Management for Smart Grids With an Event-Triggered Communication Scheme. <i>IEEE Transactions on Control Systems Technology</i> , 2019 , 27, 1950-1961	4.8	39

23	Distributed Finite-Time Secondary Frequency and Voltage Control for Islanded Microgrids With Communication Delays and Switching Topologies. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 3988-3999	10.2	34
22	Guaranteed cost control of mobile sensor networks with Markov switching topologies. <i>ISA Transactions</i> , 2015 , 58, 206-13	5.5	25
21	Event-triggered average consensus for mobile sensor networks under a given energy budget. <i>Journal of the Franklin Institute</i> , 2015 , 352, 5646-5660	4	11
20	Distributed Optimal Power and Voltage Management in DC Microgrids: Applications to Dual-Source Trolleybus Systems. <i>IEEE Transactions on Transportation Electrification</i> , 2018 , 4, 778-788	7.6	9
19	Distributed Secondary Control of AC Microgrids With External Disturbances and Directed Communication Topologies: A Full-Order Sliding-Mode Approach. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2021 , 8, 554-564	7	9
18	Attack-Resilient Event-Triggered Fuzzy Interval Type-2 Filter Design for Networked Nonlinear Systems Under Sporadic Denial-of-Service Jamming Attacks. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 1-1	8.3	8
17	Network-based consensus of nonlinear multi-agent systems with Markovian switching topologies 2014 ,		3
16	Co-Estimation of State and FDI Attacks and Attack Compensation Control for Multi-Area Load Frequency Control Systems Under FDI and DoS Attacks. <i>IEEE Transactions on Smart Grid</i> , 2022 , 1-1	10.7	3
15	Resilient Cooperative Control for High-Speed Trains Under Denial-of-Service Attacks. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 70, 12427-12436	6.8	2
14	Sampled-data leader-following consensus of nonlinear multi-agent systems with communication delay 2013 ,		1
13	Distributed Robust Nash Equilibrium Computation with Uncertain Dynamics and Disturbances. <i>IEEE Transactions on Network Science and Engineering</i> , 2022 , 1-1	4.9	1
12	Special Issue on Event-Triggered Control and Filtering of Distributed Networked Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 3108-3111	7.3	1
11	Distributed Secondary Control for Microgrids with Heterogeneous Battery Energy Storage Systems Under Switching Communication Topology 2019 ,		1
10	Voltage Regulation with High Penetration of Low-Carbon Energy in Distribution Networks: A Source-Grid-Load Collaboration Based Perspective. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 1-1	11.9	1
9	Toward Smart Systems: Their Sensing and Control in Industrial Electronics and Applications. <i>IEEE Industrial Electronics Magazine</i> , 2021 , 15, 104-114	6.2	1
8	Consensus of Discrete-Time Second-Order Multi-Agent Systems with Partial Information Transmission. <i>Applied Mechanics and Materials</i> , 2013 , 457-458, 1069-1073	0.3	
7	Distributed Finite-Time Secondary Control for Islanded Microgrids. <i>Power Systems</i> , 2022 , 73-91	0.4	
6	Distributed Resilient Finite-Time Secondary Control for Heterogeneous BESSs. <i>Power Systems</i> , 2022 , 93-114	0.4	

- 5 Distributed Optimal Control of DC Microgrids with Communication Delays. *Power Systems*, **2022**, 115-136.4
- 4 Distributed Energy Management for Smart Grids. *Power Systems*, **2022**, 137-159 0.4
- 3 Network-Based Consensus of Multi-agent Systems. *Power Systems*, **2022**, 17-29 0.4
- 2 Distributed Event-Triggered Secondary Control for Islanded Microgrids. *Power Systems*, **2022**, 49-72 0.4
- 1 Sampled-Data-Based Event-Triggered Consensus of Multi-agent Systems. *Power Systems*, **2022**, 31-47 0.4