

# Lei Ding

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/8882794/lei-ding-publications-by-year.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	Distributed Robust Nash Equilibrium Computation with Uncertain Dynamics and Disturbances. <i>IEEE Transactions on Network Science and Engineering</i> , <b>2022</b> , 1-1	4.9	1
39	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> , <b>2022</b> , 1-1	10.7	3
38	Distributed Finite-Time Secondary Control for Islanded Microgrids. <i>Power Systems</i> , <b>2022</b> , 73-91	0.4	
37	Distributed Resilient Finite-Time Secondary Control for Heterogeneous BESSs. <i>Power Systems</i> , <b>2022</b> , 93-114	0.4	
36	Distributed Optimal Control of DC Microgrids with Communication Delays. <i>Power Systems</i> , <b>2022</b> , 115-136	0.4	
35	Distributed Energy Management for Smart Grids. <i>Power Systems</i> , <b>2022</b> , 137-159	0.4	
34	Network-Based Consensus of Multi-agent Systems. <i>Power Systems</i> , <b>2022</b> , 17-29	0.4	
33	Distributed Event-Triggered Secondary Control for Islanded Microgrids. <i>Power Systems</i> , <b>2022</b> , 49-72	0.4	
32	Sampled-Data-Based Event-Triggered Consensus of Multi-agent Systems. <i>Power Systems</i> , <b>2022</b> , 31-47	0.4	
31	Distributed Finite-Time Secondary Frequency and Voltage Control for Islanded Microgrids With Communication Delays and Switching Topologies. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , 51, 3988-3999	10.2	34
30	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> , <b>2021</b> , 8, 554-564	7	9
29	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> , <b>2021</b> , 1-1	11.9	1
28	Toward Smart Systems: Their Sensing and Control in Industrial Electronics and Applications. <i>IEEE Industrial Electronics Magazine</i> , <b>2021</b> , 15, 104-114	6.2	1
27	Resilient Cooperative Control for High-Speed Trains Under Denial-of-Service Attacks. <i>IEEE Transactions on Vehicular Technology</i> , <b>2021</b> , 70, 12427-12436	6.8	2
26	Fault-Tolerant Cooperative Control of Multiagent Systems: A Survey of Trends and Methodologies. <i>IEEE Transactions on Industrial Informatics</i> , <b>2020</b> , 16, 4-17	11.9	52
25	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> , <b>2020</b> , 50, 3616-3626	10.2	126
24	. <i>IEEE Transactions on Industrial Informatics</i> , <b>2020</b> , 16, 4909-4919	11.9	76

23	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 50, 3112-3125	7.3	132
22	Special Issue on Event-Triggered Control and Filtering of Distributed Networked Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 50, 3108-3111	7.3	1
21	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> , <b>2020</b> , 1-1	8.3	8
20	Distributed Event-Triggered Estimation Over Sensor Networks: A Survey. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , 50, 1306-1320	10.2	198
19	Distributed Energy Management for Smart Grids With an Event-Triggered Communication Scheme. <i>IEEE Transactions on Control Systems Technology</i> , <b>2019</b> , 27, 1950-1961	4.8	39
18	Networked control systems: a survey of trends and techniques. <i>IEEE/CAA Journal of Automatica Sinica</i> , <b>2019</b> , 1-17	7	88
17	Distributed Secondary Control for Microgrids with Heterogeneous Battery Energy Storage Systems Under Switching Communication Topology <b>2019</b> ,		1
16	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> , <b>2019</b> , 15, 3910-3922	11.9	150
15	Distributed Cooperative Optimal Control of DC Microgrids With Communication Delays. <i>IEEE Transactions on Industrial Informatics</i> , <b>2018</b> , 14, 3924-3935	11.9	139
14	An Overview of Recent Advances in Event-Triggered Consensus of Multiagent Systems. <i>IEEE Transactions on Cybernetics</i> , <b>2018</b> , 48, 1110-1123	10.2	529
13	Network-based practical set consensus of multi-agent systems subject to input saturation. <i>Automatica</i> , <b>2018</b> , 89, 316-324	5.7	64
12	Distributed Optimal Power and Voltage Management in DC Microgrids: Applications to Dual-Source Trolleybus Systems. <i>IEEE Transactions on Transportation Electrification</i> , <b>2018</b> , 4, 778-788	7.6	9
11	Network-Based Practical Consensus of Heterogeneous Nonlinear Multiagent Systems. <i>IEEE Transactions on Cybernetics</i> , <b>2017</b> , 47, 1841-1851	10.2	82
10	Consensus tracking in heterogeneous nonlinear multi-agent networks with asynchronous sampled-data communication. <i>Systems and Control Letters</i> , <b>2016</b> , 96, 151-157	2.4	44
9	Guaranteed cost control of mobile sensor networks with Markov switching topologies. <i>ISA Transactions</i> , <b>2015</b> , 58, 206-13	5.5	25
8	Event-triggered average consensus for mobile sensor networks under a given energy budget. <i>Journal of the Franklin Institute</i> , <b>2015</b> , 352, 5646-5660	4	11
7	Sampled-data leader-following consensus for nonlinear multi-agent systems with Markovian switching topologies and communication delay. <i>Journal of the Franklin Institute</i> , <b>2015</b> , 352, 369-383	4	82
6	Distributed event-triggered H <sub>∞</sub> consensus filtering in sensor networks. <i>Signal Processing</i> , <b>2015</b> , 108, 365-375	7.4	50

5	A distributed event-triggered transmission strategy for sampled-data consensus of multi-agent systems. <i>Automatica</i> , <b>2014</b> , 50, 1489-1496	5.7	476
4	Network-based consensus of nonlinear multi-agent systems with Markovian switching topologies <b>2014</b> ,		3
3	Network-based leader-following consensus for distributed multi-agent systems. <i>Automatica</i> , <b>2013</b> , 49, 2281-2286	5.7	253
2	Consensus of Discrete-Time Second-Order Multi-Agent Systems with Partial Information Transmission. <i>Applied Mechanics and Materials</i> , <b>2013</b> , 457-458, 1069-1073	0.3	
1	Sampled-data leader-following consensus of nonlinear multi-agent systems with communication delay <b>2013</b> ,		1