

# An Liwei

## List of Publications by Year in descending order

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32  
papers

1,441  
citations

331259

21  
h-index

454577

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32  
all docs

32  
docs citations

32  
times ranked

920  
citing authors

#	ARTICLE	IF	CITATIONS
1	Decentralized Adaptive Fuzzy Secure Control for Nonlinear Uncertain Interconnected Systems Against Intermittent DoS Attacks. IEEE Transactions on Cybernetics, 2019, 49, 827-838.	6.2	217
2	Secure State Estimation Against Sparse Sensor Attacks With Adaptive Switching Mechanism. IEEE Transactions on Automatic Control, 2018, 63, 2596-2603.	3.6	151
3	Switched Adaptive Fuzzy Tracking Control for a Class of Switched Nonlinear Systems Under Arbitrary Switching. IEEE Transactions on Fuzzy Systems, 2018, 26, 585-597.	6.5	141
4	Distributed secure state estimation for cyber-physical systems under sensor attacks. Automatica, 2019, 107, 526-538.	3.0	104
5	Adaptive fuzzy fault-tolerant control with guaranteed tracking performance for nonlinear strict-feedback systems. Fuzzy Sets and Systems, 2016, 302, 82-100.	1.6	98
6	Secure state estimation for cyber-physical systems under sparse sensor attacks via a switched Luenberger observer. Information Sciences, 2017, 417, 454-464.	4.0	80
7	Observer-Based Control for Cyber-Physical Systems Under Denial-of-Service With a Decentralized Event-Triggered Scheme. IEEE Transactions on Cybernetics, 2020, 50, 4886-4895.	6.2	67
8	Secure Luenberger-like observers for cyber-physical systems under sparse actuator and sensor attacks. Automatica, 2018, 98, 124-129.	3.0	63
9	Secure Switched Observers for Cyber-Physical Systems Under Sparse Sensor Attacks: A Set Cover Approach. IEEE Transactions on Automatic Control, 2019, 64, 3949-3955.	3.6	49
10	Data-Driven Coordinated Attack Policy Design Based on Adaptive $\mathcal{L}_2$ -Gain Optimal Theory. IEEE Transactions on Automatic Control, 2018, 63, 1850-1857.	3.6	43
11	LQ Secure Control for Cyber-Physical Systems Against Sparse Sensor and Actuator Attacks. IEEE Transactions on Control of Network Systems, 2019, 6, 833-841.	2.4	43
12	Resilient Observer-Based Control for Cyber-Physical Systems With Multiple Transmission Channels Under Denial-of-Service. IEEE Transactions on Cybernetics, 2020, 50, 4796-4807.	6.2	43
13	False data injection attacks against state estimation in the presence of sensor failures. Information Sciences, 2020, 508, 92-104.	4.0	43
14	Collisions-Free Distributed Optimal Coordination for Multiple Euler-Lagrangian Systems. IEEE Transactions on Automatic Control, 2022, 67, 460-467.	3.6	39
15	Distributed Optimal Coordination for Heterogeneous Linear Multiagent Systems. IEEE Transactions on Automatic Control, 2022, 67, 6850-6857.	3.6	32
16	Opacity Enforcement for Confidential Robust Control in Linear Cyber-Physical Systems. IEEE Transactions on Automatic Control, 2020, 65, 1234-1241.	3.6	31
17	Stability Analysis for Cyber-Physical Systems Under Denial-of-Service Attacks. IEEE Transactions on Cybernetics, 2021, 51, 5304-5313.	6.2	29
18	Resilient observer-based control for cyber-physical systems under denial-of-service attacks. Information Sciences, 2021, 545, 102-117.	4.0	29

#	ARTICLE	IF	CITATIONS
19	Malicious Attacks on State Estimation Against Distributed Control Systems. IEEE Transactions on Automatic Control, 2020, 65, 3911-3918.	3.6	27
20	Enhancement of opacity for distributed state estimation in cyber-physical systems. Automatica, 2022, 136, 110087.	3.0	26
21	State Estimation Under Sparse Sensor Attacks: A Constrained Set Partitioning Approach. IEEE Transactions on Automatic Control, 2019, 64, 3861-3868.	3.6	22
22	Optimal Transmission Power Scheduling of Networked Control Systems Via Fuzzy Adaptive Dynamic Programming. IEEE Transactions on Fuzzy Systems, 2021, 29, 1629-1639.	6.5	15
23	Adaptive asymptotic stabilization of switched parametric strict-feedback systems with switched control. International Journal of Robust and Nonlinear Control, 2018, 28, 3422-3434.	2.1	10
24	Data-based optimal Denial-of-Service attack scheduling against robust control based on Q-learning. International Journal of Robust and Nonlinear Control, 2019, 29, 5178-5194.	2.1	9
25	Supervisory Nonlinear State Observers for Adversarial Sparse Attacks. IEEE Transactions on Cybernetics, 2022, 52, 1575-1587.	6.2	8
26	Malicious adversaries against secure state estimation: Sparse sensor attack design. Automatica, 2022, 136, 110037.	3.0	7
27	Distributed Sparse Undetectable Attacks Against State Estimation. IEEE Transactions on Control of Network Systems, 2022, 9, 463-473.	2.4	5
28	Fast state estimation under sensor attacks: A sensor categorization approach. Automatica, 2022, 142, 110395.	3.0	4
29	LMI-based adaptive reliable $H^\infty$ static output feedback control against switched actuator failures. International Journal of Systems Science, 2017, 48, 2345-2355.	3.7	3
30	Adaptive Secure State Estimation for Cyber-Physical Systems With Low Memory Cost. IEEE Transactions on Control of Network Systems, 2020, 7, 1621-1632.	2.4	3
31	Obstacle-Avoidance Distributed Optimal Coordination of Multiple Euler-Lagrangian Systems. , 2020, , .		0
32	Data-Based Distributed Sensor Scheduling for Multiple Linear Systems With $H^\infty$ Performance Preservation. IEEE Transactions on Automatic Control, 2021, , 1-1.	3.6	0