

An Liwei

List of Publications by Year in Descending Order

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Version: 2024-04-26

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

31
papers

806
citations

15
h-index

28
g-index

32
ext. papers

1,052
ext. citations

5.5
avg, IF

5.65
L-index

#	Paper	IF	Citations
31	Malicious adversaries against secure state estimation: Sparse sensor attack design. <i>Automatica</i> , 2022 , 136, 110037	5.7	0
30	Enhancement of opacity for distributed state estimation in cyber-physical systems. <i>Automatica</i> , 2022 , 136, 110087	5.7	4
29	Fast state estimation under sensor attacks: A sensor categorization approach. <i>Automatica</i> , 2022 , 142, 110395	5.7	
28	Stability Analysis for Cyber-Physical Systems Under Denial-of-Service Attacks. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 5304-5313	10.2	7
27	Distributed Optimal Coordination for Heterogeneous Linear Multi-Agent Systems. <i>IEEE Transactions on Automatic Control</i> , 2021 , 1-1	5.9	4
26	Data-Based Distributed Sensor Scheduling for Multiple Linear Systems With H Performance Preservation. <i>IEEE Transactions on Automatic Control</i> , 2021 , 1-1	5.9	
25	Optimal Transmission Power Scheduling of Networked Control Systems Via Fuzzy Adaptive Dynamic Programming. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 29, 1629-1639	8.3	4
24	Resilient observer-based control for cyber-physical systems under denial-of-service attacks. <i>Information Sciences</i> , 2021 , 545, 102-117	7.7	10
23	Collisions-Free Distributed Optimal Coordination for Multiple Euler-Lagrangian Systems. <i>IEEE Transactions on Automatic Control</i> , 2021 , 1-1	5.9	4
22	Distributed Sparse Undetectable Attacks Against State Estimation. <i>IEEE Transactions on Control of Network Systems</i> , 2021 , 1-1	4	1
21	Supervisory Nonlinear State Observers for Adversarial Sparse Attacks. <i>IEEE Transactions on Cybernetics</i> , 2020 , PP,	10.2	4
20	Adaptive Secure State Estimation for Cyber-Physical Systems With Low Memory Cost. <i>IEEE Transactions on Control of Network Systems</i> , 2020 , 7, 1621-1632	4	1
19	Malicious Attacks on State Estimation Against Distributed Control Systems. <i>IEEE Transactions on Automatic Control</i> , 2020 , 65, 3911-3918	5.9	16
18	Observer-Based Control for Cyber-Physical Systems Under Denial-of-Service With a Decentralized Event-Triggered Scheme. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 4886-4895	10.2	27
17	Resilient Observer-Based Control for Cyber-Physical Systems With Multiple Transmission Channels Under Denial-of-Service. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 4796-4807	10.2	21
16	False data injection attacks against state estimation in the presence of sensor failures. <i>Information Sciences</i> , 2020 , 508, 92-104	7.7	27
15	Opacity Enforcement for Confidential Robust Control in Linear Cyber-Physical Systems. <i>IEEE Transactions on Automatic Control</i> , 2020 , 65, 1234-1241	5.9	19

14	Data-based optimal Denial-of-Service attack scheduling against robust control based on Q-learning. <i>International Journal of Robust and Nonlinear Control</i> , 2019 , 29, 5178-5194	3.6	6
13	Distributed secure state estimation for cyber-physical systems under sensor attacks. <i>Automatica</i> , 2019 , 107, 526-538	5.7	50
12	Secure Switched Observers for Cyber-Physical Systems Under Sparse Sensor Attacks: A Set Cover Approach. <i>IEEE Transactions on Automatic Control</i> , 2019 , 64, 3949-3955	5.9	26
11	LQ Secure Control for Cyber-Physical Systems Against Sparse Sensor and Actuator Attacks. <i>IEEE Transactions on Control of Network Systems</i> , 2019 , 6, 833-841	4	26
10	State Estimation Under Sparse Sensor Attacks: A Constrained Set Partitioning Approach. <i>IEEE Transactions on Automatic Control</i> , 2019 , 64, 3861-3868	5.9	14
9	Decentralized Adaptive Fuzzy Secure Control for Nonlinear Uncertain Interconnected Systems Against Intermittent DoS Attacks. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 827-838	10.2	119
8	Adaptive asymptotic stabilization of switched parametric strict-feedback systems with switched control. <i>International Journal of Robust and Nonlinear Control</i> , 2018 , 28, 3422-3434	3.6	7
7	Secure State Estimation Against Sparse Sensor Attacks With Adaptive Switching Mechanism. <i>IEEE Transactions on Automatic Control</i> , 2018 , 63, 2596-2603	5.9	87
6	Switched Adaptive Fuzzy Tracking Control for a Class of Switched Nonlinear Systems Under Arbitrary Switching. <i>IEEE Transactions on Fuzzy Systems</i> , 2018 , 26, 585-597	8.3	118
5	Data-Driven Coordinated Attack Policy Design Based on Adaptive H_2 -Gain Optimal Theory. <i>IEEE Transactions on Automatic Control</i> , 2018 , 63, 1850-1857	5.9	32
4	Secure Luenberger-like observers for cyber-physical systems under sparse actuator and sensor attacks. <i>Automatica</i> , 2018 , 98, 124-129	5.7	32
3	LMI-based adaptive reliable H _∞ static output feedback control against switched actuator failures. <i>International Journal of Systems Science</i> , 2017 , 48, 2345-2355	2.3	3
2	Secure state estimation for cyber-physical systems under sparse sensor attacks via a switched Luenberger observer. <i>Information Sciences</i> , 2017 , 417, 454-464	7.7	53
1	Adaptive fuzzy fault-tolerant control with guaranteed tracking performance for nonlinear strict-feedback systems. <i>Fuzzy Sets and Systems</i> , 2016 , 302, 82-100	3.7	84