

Liyong Lin

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

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1478505

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31
times ranked

88
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of the Supremal Covert Attacker Against Unknown Supervisors by Using Observations. IEEE Transactions on Automatic Control, 2023, 68, 3453-3468.	5.7	4
2	A new modeling framework for networked discrete-event systems. Automatica, 2022, 138, 110139.	5.0	9
3	Observation-assisted heuristic synthesis of covert attackers against unknown supervisors. Discrete Event Dynamic Systems: Theory and Applications, 2022, 32, 495-520.	1.5	3
4	Identification of System Vulnerability Under a Smart Sensor Attack via Attack Model Reduction. , 2022, 6, 2948-2953.		3
5	Networked supervisor synthesis against lossy channels with bounded network delays as non-networked synthesis. Automatica, 2022, 142, 110279.	5.0	4
6	Synthesis of covert actuator and sensor attackers. Automatica, 2021, 130, 109714.	5.0	23
7	Heuristic Synthesis of Covert Attackers Against Unknown Supervisors. , 2021, , .		3
8	Synthesis of covert actuator attackers for free. Discrete Event Dynamic Systems: Theory and Applications, 2020, 30, 561-577.	1.5	36
9	Failsafe mechanism design of multicopters based on supervisory control theory. IET Cyber-Systems and Robotics, 2020, 2, 31-42.	1.8	2
10	Synthesis of Covert Actuator and Sensor Attackers as Supervisor Synthesis. IFAC-PapersOnLine, 2020, 53, 1-6.	0.9	8
11	Supervisory Control of Time-Interval Discrete Event Systems. IFAC-PapersOnLine, 2020, 53, 217-222.	0.9	2
12	Automatic Generation of Optimal Reductions of Distributions. IEEE Transactions on Automatic Control, 2019, 64, 896-911.	5.7	4
13	Supervisory Control of Discrete-Event Systems under Attacks: An Overview and Outlook. , 2019, , .		28
14	Synchronous Composition of Finite Interval Automata. , 2019, , .		1
15	Supervisor Synthesis for Networked Discrete Event Systems With Communication Delays and Lossy Channels. , 2019, , .		24
16	Towards Bounded Synthesis of Resilient Supervisors. , 2019, , .		25
17	Supervisor Obfuscation Against Actuator Enablement Attack. , 2019, , .		24
18	Synthesis of Supremal Successful Normal Actuator Attackers on Normal Supervisors. , 2019, , .		16

#	ARTICLE	IF	CITATIONS
19	Symbolic reachability analysis and maximally permissive entrance control for globally synchronized templates. <i>Automatica</i> , 2018, 87, 290-300.	5.0	1
20	An Efficient Method of Matrix Multiplication for Heaps of Pieces. <i>IFAC-PapersOnLine</i> , 2018, 51, 206-211.	0.9	0
21	Model Checking in Isomorphic Module Systems. <i>IEEE Transactions on Automatic Control</i> , 2018, , 1-1.	5.7	5
22	State-Based Control of Discrete-Event Systems Under Partial Observation. <i>IEEE Access</i> , 2018, 6, 42084-42093.	4.2	10
23	Reduction of Distributions: Definitions, Properties, and Applications. <i>IEEE Transactions on Automatic Control</i> , 2017, 62, 5755-5768.	5.7	1
24	Reduction of distributions and its applications. , 2017, , .		2
25	On Distributed and Parameterized Supervisor Synthesis Problems. <i>IEEE Transactions on Automatic Control</i> , 2016, 61, 777-782.	5.7	9
26	Model based task programming for secure multimodal human-robot interaction. , 2014, , .		0
27	Discrete-event based vehicle dispatching and scheduling in multicommodity transportations. , 2014, , .		1
28	Automaton-based timed supervisory control for operational planning and scheduling under multiple job deadlines. , 2014, , .		2
29	Towards decentralized synthesis: Decomposable sublanguage and Joint Observability Problems. , 2014, , .		9
30	On analysis of deadlock and blocking freeness in isomorphic module systems. , 2013, , .		3
31	Remarks on the difficulty of top-down supervisor synthesis. , 2012, , .		1