

Vaibhav Katewa

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

208
citations

1478505

6
h-index

1474206

9
g-index

28
all docs

28
docs citations

28
times ranked

192
citing authors

#	ARTICLE	IF	CITATIONS
1	Network theoretic analysis of maximum a posteriori detectors for optimal input detection. Automatica, 2022, 141, 110277.	5.0	0
2	Minimum-Gain Pole Placement With Sparse Static Feedback. IEEE Transactions on Automatic Control, 2021, 66, 3445-3459.	5.7	7
3	On a security vs privacy trade-off in interconnected dynamical systems. Automatica, 2021, 125, 109426.	5.0	4
4	Optimal Dynamic Load-Altering Attacks Against Power Systems. , 2021, , .		1
5	Robust Adversarial Classification via Abstaining. , 2021, , .		0
6	A Fundamental Performance Limitation for Adversarial Classification. , 2020, 4, 169-174.		6
7	Differential Privacy for Network Identification. IEEE Transactions on Control of Network Systems, 2020, 7, 266-277.	3.7	6
8	On the real stability radius of sparse systems. Automatica, 2020, 113, 108685.	5.0	8
9	Centralized Versus Decentralized Detection of Attacks in Stochastic Interconnected Systems. IEEE Transactions on Automatic Control, 2020, 65, 3903-3910.	5.7	11
10	Accuracy Prevents Robustness in Perception-based Control. , 2020, , .		6
11	Accuracy Prevents Robustness in Perception-based Control. , 2020, , .		0
12	Data-Driven Minimum-Energy Controls for Linear Systems. , 2019, 3, 589-594.		58
13	The Shannon Capacity of Linear Dynamical Networks. , 2019, , .		3
14	Special Issue on Emerging Trend and Techniques of Cyber Physical Systems. Journal of Systems Architecture, 2019, 96, 52.	4.3	1
15	A Probabilistic Approach to Design Switching Attacks against Interconnected Systems. , 2019, , .		1
16	On privacy vs. cooperation in multi-agent systems. International Journal of Control, 2018, 91, 1693-1707.	1.9	28
17	Attack Detection in Stochastic Interconnected Systems: Centralized vs Decentralized Detectors. , 2018, , .		8
18	On the Role of Information Sharing in the Security of Interconnected Systems. , 2018, , .		1

#	ARTICLE	IF	CITATIONS
19	The Structured Controllability Radius of Symmetric (Brain) Networks. , 2018, , .		13
20	Secure reference-tracking with resource-constrained UAVs. , 2017, , .		4
21	Protecting privacy of topology in consensus networks. , 2015, , .		14
22	A Stochastic Sensor Selection Scheme for Sequential Hypothesis Testing With Multiple Sensors. IEEE Transactions on Signal Processing, 2015, 63, 3687-3699.	5.3	10
23	On a rate control protocol for networked estimation. Automatica, 2013, 49, 1310-1317.	5.0	5
24	On the optimality of sequential test with multiple sensors. , 2012, , .		7
25	On a rate control protocol for networked estimation. , 2011, , .		0
26	Efficient construction and implementation of short LDPC codes for wireless sensor networks. , 2007, , .		3