

Matthew T Hale

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

228
citations

1684188

5
h-index

1720034

7
g-index

29
all docs

29
docs citations

29
times ranked

161
citing authors

#	ARTICLE	IF	CITATIONS
1	Cloud-Enabled Differentially Private Multiagent Optimization With Constraints. IEEE Transactions on Control of Network Systems, 2018, 5, 1693-1706.	3.7	35
2	Asynchronous Multiagent Primal-Dual Optimization. IEEE Transactions on Automatic Control, 2017, 62, 4421-4435.	5.7	31
3	Privacy in Feedback: The Differentially Private LQG. , 2018, , .		18
4	Event-Triggered Formation Control and Leader Tracking With Resilience to Byzantine Adversaries: A Reputation-Based Approach. IEEE Transactions on Control of Network Systems, 2021, 8, 1417-1429.	3.7	16
5	Cloud-based centralized/decentralized multi-agent optimization with communication delays. , 2015, , .		15
6	Towards Differential Privacy for Symbolic Systems. , 2019, , .		13
7	Differentially private objective functions in distributed cloud-based optimization. , 2016, , .		12
8	Differential Privacy on the Unit Simplex via the Dirichlet Mechanism. IEEE Transactions on Information Forensics and Security, 2021, 16, 2326-2340.	6.9	11
9	Convergence rate estimates for consensus over random graphs. , 2017, , .		9
10	Differentially Private LQ Control. IEEE Transactions on Automatic Control, 2023, 68, 1061-1068.	5.7	8
11	Differentially Private Controller Synthesis With Metric Temporal Logic Specifications. , 2020, , .		7
12	Privacy-Preserving Policy Synthesis in Markov Decision Processes. , 2020, , .		7
13	Error Bounds and Guidelines for Privacy Calibration in Differentially Private Kalman Filtering. , 2020, , .		6
14	Stability of Leaderless Resource Consumption Networks. , 2018, , .		5
15	Reputation-Based Event-Triggered Formation Control and Leader Tracking with Resilience to Byzantine Adversaries. , 2020, , .		5
16	Totally Asynchronous Large-Scale Quadratic Programming: Regularization, Convergence Rates, and Parameter Selection. IEEE Transactions on Control of Network Systems, 2021, 8, 1465-1476.	3.7	5
17	Differentially Private Smart Metering. , 2019, , .		5
18	Asynchronous Distributed Optimization with Heterogeneous Regularizations and Normalizations. , 2018, , .		4

#	ARTICLE	IF	CITATIONS
19	Totally Asynchronous Distributed Quadratic Programming with Independent Stepsizes and Regularizations. , 2019, , .		4
20	The Dirichlet Mechanism for Differential Privacy on the Unit Simplex. , 2020, , .		3
21	Asynchronous Parallel Nonconvex Optimization Under the Polyak-Łojasiewicz Condition. , 2022, 6, 524-529.		3
22	Spectral Differential Privacy: Application to Smart Meter Data. IEEE Internet of Things Journal, 2022, 9, 4987-4996.	8.7	2
23	Edge Differential Privacy for Algebraic Connectivity of Graphs. , 2021, , .		2
24	On the connectivity of unions of random graphs. , 2017, , .		1
25	Design of Sustainable Resource Consumption Networks. , 2019, , .		1
26	Trust-Driven Privacy in Human-Robot Interactions. , 2019, , .		0
27	Stability and Sustainability of a Networked Resource Consumption Model. IEEE Transactions on Network Science and Engineering, 2020, 7, 2876-2888.	6.4	0
28	Nonasymptotic Connectivity of Random Graphs and Their Unions. IEEE Transactions on Control of Network Systems, 2021, 8, 391-399.	3.7	0
29	Challenges in Optimization-Based Control. , 2022, , .		0