

Pavankumar Tallapragada

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,060
citations

1040056

9
h-index

1058476

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30
docs citations

30
times ranked

868
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamics of a Stratified Population of Optimum Seeking Agents on a Networkâ€™Part I: Modeling and Convergence Analysis. IEEE Transactions on Control of Network Systems, 2022, 9, 1104-1115.	3.7	1
2	Dynamics of a Stratified Population of Optimum Seeking Agents on a Networkâ€™Part II: Steady-State Analysis. IEEE Transactions on Control of Network Systems, 2022, 9, 1116-1127.	3.7	1
3	Eventâ€triggered secondâ€moment stabilisation under actionâ€dependent Markov packet drops. IET Control Theory and Applications, 2021, 15, 949-964.	2.1	1
4	Observability of Discrete-Time LTI Systems Under Unknown Piece-Wise Constant Inputs. , 2021, 5, 1886-1891.		1
5	Hierarchical-Distributed Optimized Coordination of Intersection Traffic. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 2100-2113.	8.0	21
6	The Value of Timing Information in Event-Triggered Control. IEEE Transactions on Automatic Control, 2020, 65, 925-940.	5.7	35
7	Event-triggered stabilization of nonlinear systems with time-varying sensing and actuation delay. Automatica, 2020, 113, 108754.	5.0	21
8	Analysis of Inter-Event Times for Planar Linear Systems Under a General Class of Event Triggering Rules. , 2020, , .		5
9	Event-triggered control under time-varying rates and channel blackouts. IFAC Journal of Systems and Control, 2019, 9, 100064.	1.7	6
10	Event-Triggered Second Moment Stabilization under Markov Packet Drops. , 2019, , .		1
11	One-Shot Coordination of Feeder Vehicles for Multi-Modal Transportation. , 2019, , .		1
12	Event-Triggered Second-Moment Stabilization of Linear Systems Under Packet Drops. IEEE Transactions on Automatic Control, 2018, 63, 2374-2388.	5.7	15
13	Differentially Private Distributed Convex Optimization via Functional Perturbation. IEEE Transactions on Control of Network Systems, 2018, 5, 395-408.	3.7	96
14	Distributed Control of Vehicle Strings Under Finite-Time and Safety Specifications. IEEE Transactions on Control of Network Systems, 2018, 5, 1399-1411.	3.7	9
15	Differentially private average consensus: Obstructions, trade-offs, and optimal algorithm design. Automatica, 2017, 81, 221-231.	5.0	182
16	Time-triggering versus event-triggering control over communication channels. , 2017, , .		20
17	The value of timing information in event-triggered control: The scalar case. , 2016, , .		10
18	Differentially private distributed convex optimization via objective perturbation. , 2016, , .		24

#	ARTICLE	IF	CITATIONS
19	Event-triggered control for nonlinear systems with time-varying input delay. , 2016, , .		4
20	Event-triggered stabilization of scalar linear systems under packet drops. , 2016, , .		4
21	Event-Triggered Stabilization of Linear Systems Under Bounded Bit Rates. IEEE Transactions on Automatic Control, 2016, 61, 1575-1589.	5.7	65
22	Event-triggered stabilization of linear systems under channel blackouts. , 2015, , .		2
23	Event-triggered control with bounded data rate. , 2014, , .		1
24	Decentralized Event-Triggering for Control of Nonlinear Systems. IEEE Transactions on Automatic Control, 2014, 59, 3312-3324.	5.7	103
25	On Event Triggered Tracking for Nonlinear Systems. IEEE Transactions on Automatic Control, 2013, 58, 2343-2348.	5.7	280
26	Decentralized event-triggering for control of LTI systems. , 2013, , .		15
27	Event-triggered dynamic output feedback control of LTI systems over Sensor-Controller-Actuator Networks. , 2013, , .		16
28	On Co-design of event trigger and quantizer for emulation based control. , 2012, , .		6
29	Event-triggered dynamic output feedback control for LTI systems. , 2012, , .		84
30	On event triggered trajectory tracking for control affine nonlinear systems. , 2011, , .		30