Amir Amini

List of Publications by Year
in descending order

24 papers	225 citations	1039406 9 h-index	1125271 13 g-index
24 all docs	24 docs citations	24 times ranked	188 citing authors

#	Article	IF	Citations
1	Robust fixed-order dynamic output feedback controller design for nonlinear uncertain suspension system. Mechanical Systems and Signal Processing, 2016, 80, 137-151.	4.4	38
2	$$H_{infty}$$ H âˇž Consensus of nonlinear multi-agent systems using dynamic output feedback controller: an LMI approach. Nonlinear Dynamics, 2016, 85, 1865-1886.	2.7	27
3	Sampled-Data Dynamic Event-Triggering Control for Networked Systems Subject to DoS Attacks. IEEE Transactions on Network Science and Engineering, 2021, 8, 1978-1990.	4.1	24
4	A performance guaranteed sampled-data event-triggered consensus approach for linear multi-agent systems. Information Sciences, 2019, 484, 338-349.	4.0	23
5	A Unified Optimization for Resilient Dynamic Event-Triggering Consensus Under Denial of Service. IEEE Transactions on Cybernetics, 2022, 52, 2872-2884.	6.2	18
6	CEASE: A Collaborative Event-Triggered Average-Consensus Sampled-Data Framework With Performance Guarantees for Multi-Agent Systems. IEEE Transactions on Signal Processing, 2018, 66, 6096-6109.	3.2	15
7	Resilient fixed-order distributed dynamic output feedback load frequency control design for interconnected multi-area power systems. IEEE/CAA Journal of Automatica Sinica, 2019, 6, 1139-1151.	8.5	11
8	Secure Sampled-Data Observer-Based Control for Wind Turbine Oscillation Under Cyber Attacks. IEEE Transactions on Smart Grid, 2022, 13, 3188-3202.	6.2	11
9	Reliable Memory Sampled-Data Consensus of Multi-Agent Systems With Nonlinear Actuator Faults. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 2201-2205.	2.2	10
10	RQ-CEASE: A Resilient Quantized Collaborative Event-Triggered Average-Consensus Sampled-Data Framework Under Denial of Service Attack. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 7027-7039.	5.9	7
11	Event-based consensus for a class of heterogeneous multi-agent systems: An LMI approach. , 2017, , .		6
12	Dynamic Event-triggered Formation Control for Multi-agent Systems: A Co-design Optimization Approach. , 2020, , .		6
13	Fault-Tolerant Periodic Event-Triggered Consensus Under Communication Delay and Multiple Attacks. IEEE Systems Journal, 2022, 16, 6338-6349.	2.9	6
14	Performance Constrained Distributed Event-triggered Consensus in Multi-agent Systems. , 2019, , .		4
15	Event-Triggered Tracking Formation of Networked Nonlinear Intelligent Transportation Systems Surrounded by Random Disturbances. IEEE Transactions on Intelligent Transportation Systems, 2022, , 1-12.	4.7	4
16	Non-fragile Exponential Consensus of Nonlinear Multi-agent Systems via Sampled-data Control. IFAC-PapersOnLine, 2020, 53, 5677-5682.	0.5	3
17	An Event-Triggered Average Consensus Algorithm with Performance Guarantees for Distributed Sensor Networks. , 2018, , .		2
18	Resilient Event-Triggered Consensus with Exponential Convergence in Multi-agent Systems. , 2018, , .		2

#	Article	IF	Citations
19	Quantized Event-triggered Sampled-data Average Consensus with Guaranteed Rate of Convergence. , 2019, , .		2
20	Resilient Event-triggered Average Consensus Under Denial of Service Attack and Uncertain Network. , 2019, , .		2
21	Secure Event-Triggered Tracking Consensus Under Denial of Service: A Resilient Periodically Intermittent Approach. , 2022, 6, 2786-2791.		2
22	Decentralized controller design for consensus in nonlinear multi-agent systems with input delay. , 2015, , .		1
23	A guaranteed cost LMI-based approach for event-triggered average consensus in multi-agent networks. , 2017, , .		1
24	A Robust Event-Triggered Consensus Strategy for Linear Multi-Agent Systems with Uncertain Network Topology. , 2018, , .		0