

Yong Xu

List of Publications by Year in descending order

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24
papers

1,814
citations

471371

17
h-index

610775

24
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24
all docs

24
docs citations

24
times ranked

1283
citing authors

#	ARTICLE	IF	CITATIONS
1	Event-Triggered Control for Consensus of Multiagent Systems With Fixed/Switching Topologies. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 1736-1746.	5.9	307
2	Event-Triggered Control for Consensus Problem in Multi-Agent Systems With Quantized Relative State Measurements and External Disturbance. IEEE Transactions on Circuits and Systems I: Regular Papers, 2018, 65, 2232-2242.	3.5	242
3	Input-Based Event-Triggering Consensus of Multiagent Systems Under Denial-of-Service Attacks. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 1455-1464.	5.9	175
4	Event-Triggered Pinning Control for Consensus of Multiagent Systems With Quantized Information. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 1929-1938.	5.9	174
5	Optimal Estimation in UDP-Like Networked Control Systems With Intermittent Inputs: Stability Analysis and Suboptimal Filter Design. IEEE Transactions on Automatic Control, 2016, 61, 1794-1809.	3.6	135
6	Event-Based Secure Consensus of Multiagent Systems Against DoS Attacks. IEEE Transactions on Cybernetics, 2020, 50, 3468-3476.	6.2	114
7	Event-Triggered output synchronization for nonhomogeneous agent systems with periodic denial-of-service attacks. International Journal of Robust and Nonlinear Control, 2021, 31, 1851-1865.	2.1	113
8	Distributed Adaptive Event-Triggered Fault-Tolerant Synchronization for Multiagent Systems. IEEE Transactions on Industrial Electronics, 2021, 68, 1537-1547.	5.2	108
9	Finite-Time State Estimation for Coupled Markovian Neural Networks With Sensor Nonlinearities. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 630-638.	7.2	93
10	Dynamic Triggering Mechanisms for Distributed Adaptive Synchronization Control and Its Application to Circuit Systems. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 2246-2256.	3.5	85
11	Consensus of Linear Multiagent Systems With Input-Based Triggering Condition. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 2308-2317.	5.9	45
12	Event-Based Dissipative Filtering of Markovian Jump Neural Networks Subject to Incomplete Measurements and Stochastic Cyber-Attacks. IEEE Transactions on Cybernetics, 2021, 51, 1370-1379.	6.2	32
13	Multileader Multiagent Systems Containment Control With Event-Triggering. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, , 1-10.	5.9	25
14	Resilient Secure Control of Networked Systems Over Unreliable Communication Networks. IEEE Transactions on Industrial Informatics, 2022, 18, 4069-4077.	7.2	25
15	Fixed-Time Average Consensus of Nonlinear Delayed MASs Under Switching Topologies: An Event-Based Triggering Approach. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 2721-2733.	5.9	24
16	Fully Distributed Adaptive Event-Triggered Control of Networked Systems With Actuator Bias Faults. IEEE Transactions on Cybernetics, 2022, 52, 10773-10784.	6.2	21
17	Exponential Synchronization of Complex Networks: An Intermittent Adaptive Event-Triggered Control Strategy. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 4735-4745.	3.5	21
18	Synchronization of Coupled Harmonic Oscillators With Asynchronous Intermittent Communication. IEEE Transactions on Cybernetics, 2021, 51, 258-266.	6.2	18

#	ARTICLE	IF	CITATIONS
19	Security-Based Passivity Analysis of Markov Jump Systems via Asynchronous Triggering Control. IEEE Transactions on Cybernetics, 2023, 53, 151-160.	6.2	15
20	Data-Efficient Off-Policy Learning for Distributed Optimal Tracking Control of HMAS With Unidentified Exosystem Dynamics. IEEE Transactions on Neural Networks and Learning Systems, 2024, 35, 3181-3190.	7.2	14
21	Resilient Asynchronous State Estimation for Markovian Jump Neural Networks Subject to Stochastic Nonlinearities and Sensor Saturations. IEEE Transactions on Cybernetics, 2022, 52, 5809-5818.	6.2	13
22	Dynamic event-triggered strategies for tracking control of directed multi-agent systems with Lipschitz nonlinear dynamics. International Journal of Robust and Nonlinear Control, 2022, 32, 8147-8162.	2.1	8
23	Observer-based hybrid synchronization control of multiagent systems under dynamic need-based communication policies. International Journal of Robust and Nonlinear Control, 2022, 32, 1526-1544.	2.1	4
24	Event-triggered predictive control for linear discrete-time multi-agent systems. Neurocomputing, 2022, 505, 238-248.	3.5	3