

# Hongru Ren

## List of Publications by Year in descending order

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29  
papers

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citations

394286

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docs citations

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times ranked

907  
citing authors

#	ARTICLE	IF	CITATIONS
1	Event-Triggered Consensus Control for Multi-Agent Systems Against False Data-Injection Attacks. IEEE Transactions on Cybernetics, 2020, 50, 1856-1866.	6.2	239
2	Event-Triggered Control for Multiagent Systems With Sensor Faults and Input Saturation. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 3855-3866.	5.9	194
3	Human-in-the-Loop Consensus Control for Nonlinear Multi-Agent Systems With Actuator Faults. IEEE/CAA Journal of Automatica Sinica, 2022, 9, 111-122.	8.5	127
4	Observer-based adaptive consensus control for nonlinear multi-agent systems with time-delay. Science China Information Sciences, 2020, 63, 1.	2.7	95
5	Adaptive Prescribed Performance Control of A Flexible-Joint Robotic Manipulator With Dynamic Uncertainties. IEEE Transactions on Cybernetics, 2022, 52, 12905-12915.	6.2	94
6	Distributed Cooperative Compound Tracking Control for a Platoon of Vehicles With Adaptive NN. IEEE Transactions on Cybernetics, 2022, 52, 7039-7048.	6.2	92
7	Synchronization of Network Systems via Aperiodic Sampled-Data Control With Constant Delay and Application to Unmanned Ground Vehicles. IEEE Transactions on Industrial Electronics, 2020, 67, 4980-4990.	5.2	91
8	Optimal Filtered and Smoothed Estimators for Discrete-Time Linear Systems With Multiple Packet Dropouts Under Markovian Communication Constraints. IEEE Transactions on Cybernetics, 2020, 50, 4169-4181.	6.2	64
9	A distributed Kalman filtering algorithm with fast finite-time convergence for sensor networks. Automatica, 2018, 95, 63-72.	3.0	62
10	Approximation-Based Nussbaum Gain Adaptive Control of Nonlinear Systems With Periodic Disturbances. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 2591-2600.	5.9	61
11	Finite-Horizon $H_{\infty}$ State Estimation for Periodic Neural Networks Over Fading Channels. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 1450-1460.	7.2	60
12	Performance Recovery of Dynamic Feedback-Linearization Methods for Multivariable Nonlinear Systems. IEEE Transactions on Automatic Control, 2020, 65, 1365-1380.	3.6	56
13	Adaptive Attitude Control for Multi-MUAV Systems With Output Dead-Zone and Actuator Fault. IEEE/CAA Journal of Automatica Sinica, 2021, 8, 1567-1575.	8.5	52
14	Distributed Event-Triggered Formation Control of USVs with Prescribed Performance. Journal of Systems Science and Complexity, 2022, 35, 820-838.	1.6	50
15	Event-Triggered Guaranteed Cost Leader-Following Consensus Control of Second-Order Nonlinear Multiagent Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 2615-2624.	5.9	45
16	Distributed Finite-Time Containment Control for Nonlinear Multiagent Systems With Mismatched Disturbances. IEEE Transactions on Cybernetics, 2022, 52, 6939-6948.	6.2	32
17	Event-triggered guaranteed cost fault-tolerant optimal tracking control for uncertain nonlinear system via adaptive dynamic programming. International Journal of Robust and Nonlinear Control, 2021, 31, 2572-2592.	2.1	31
18	Saturated Threshold Event-Triggered Control for Multiagent Systems Under Sensor Attacks and Its Application to UAVs. IEEE Transactions on Circuits and Systems I: Regular Papers, 2022, 69, 884-895.	3.5	29

#	ARTICLE	IF	CITATIONS
19	Prescribed Performance Consensus Fuzzy Control of Multiagent Systems With Nonaffine Nonlinear Faults. IEEE Transactions on Fuzzy Systems, 2021, 29, 3936-3946.	6.5	26
20	Event-Triggered and Asynchronous Reduced-Order Filtering Codesign for Fuzzy Markov Jump Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 3937-3946.	5.9	15
21	Distributed Kalman Filter for Large-Scale Power Systems With State Inequality Constraints. IEEE Transactions on Industrial Electronics, 2021, 68, 6238-6247.	5.2	14
22	On the Design of Distributed Observers for Nonlinear Systems. IEEE Transactions on Automatic Control, 2022, 67, 3229-3242.	3.6	12
23	Output Regulation of Invertible Nonlinear Systems via Robust Dynamic Feedback-Linearization. IEEE Transactions on Automatic Control, 2021, 66, 5474-5481.	3.6	7
24	Event-Triggered Adaptive Neural Control for Multiagent Systems with Deferred State Constraints. Journal of Systems Science and Complexity, 2022, 35, 973-992.	1.6	7
25	Adaptive Approximation-Based Tracking Control for a Class of Unknown High-Order Nonlinear Systems With Unknown Powers. IEEE Transactions on Cybernetics, 2022, 52, 4559-4573.	6.2	7
26	Variable-Parameter-Dependent Saturated Robust Control for Vehicle Lateral Stability. IEEE Transactions on Control Systems Technology, 2022, 30, 1711-1722.	3.2	7
27	Adaptive fault-tolerant containment control for stochastic nonlinear multi-agent systems with input saturation. Optimal Control Applications and Methods, 2023, 44, 1491-1509.	1.3	3
28	An Efficient Algorithm to Determine the Connectivity of Complex Directed Networks. IEEE Transactions on Cybernetics, 2022, 52, 7164-7171.	6.2	2
29	Aperiodic Sampling Event-Triggered Consensus Control for Multi-Agent Systems. , 2020, , .		0