

Lantao Xing

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

2,328
citations

516710

16
h-index

752698

20
g-index

27
all docs

27
docs citations

27
times ranked

1265
citing authors

#	ARTICLE	IF	CITATIONS
1	Event-Triggered Adaptive Control for a Class of Uncertain Nonlinear Systems. IEEE Transactions on Automatic Control, 2017, 62, 2071-2076.	5.7	914
2	Adaptive compensation for actuator failures with event-triggered input. Automatica, 2017, 85, 129-136.	5.0	272
3	Event-Triggered Output Feedback Control for a Class of Uncertain Nonlinear Systems. IEEE Transactions on Automatic Control, 2019, 64, 290-297.	5.7	254
4	Output feedback control for uncertain nonlinear systems with input quantization. Automatica, 2016, 65, 191-202.	5.0	192
5	Event-Based Consensus for Linear Multiagent Systems Without Continuous Communication. IEEE Transactions on Cybernetics, 2017, 47, 2132-2142.	9.5	126
6	Adaptive Backstepping Control for a Class of Nonlinear Systems With Non-Triangular Structural Uncertainties. IEEE Transactions on Automatic Control, 2017, 62, 5220-5226.	5.7	86
7	Robust control for a class of uncertain nonlinear systems with input quantization. International Journal of Robust and Nonlinear Control, 2016, 26, 1585-1596.	3.7	68
8	A new adaptive control scheme for uncertain nonlinear systems with quantized input signal. Journal of the Franklin Institute, 2015, 352, 5599-5610.	3.4	61
9	Distributed Secondary Control for Current Sharing and Voltage Restoration in DC Microgrid. IEEE Transactions on Smart Grid, 2020, 11, 2487-2497.	9.0	57
10	Distributed Secondary Control for DC Microgrid With Event-Triggered Signal Transmissions. IEEE Transactions on Sustainable Energy, 2021, 12, 1801-1810.	8.8	47
11	Voltage Restoration and Adjustable Current Sharing for DC Microgrid With Time Delay via Distributed Secondary Control. IEEE Transactions on Sustainable Energy, 2021, 12, 1068-1077.	8.8	38
12	Distributed State-of-Charge Balance Control With Event-Triggered Signal Transmissions for Multiple Energy Storage Systems in Smart Grid. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 1601-1611.	9.3	37
13	Dual-Consensus-Based Distributed Frequency Control for Multiple Energy Storage Systems. IEEE Transactions on Smart Grid, 2019, 10, 6396-6403.	9.0	35
14	Adaptive output feedback regulation for a class of nonlinear systems subject to input and output quantization. Journal of the Franklin Institute, 2017, 354, 6536-6549.	3.4	29
15	Robust adaptive output feedback control for uncertain nonlinear systems with quantized input. International Journal of Robust and Nonlinear Control, 2017, 27, 1999-2016.	3.7	23
16	Robust Event-Triggered Dynamic Average Consensus Against Communication Link Failures With Application to Battery Control. IEEE Transactions on Control of Network Systems, 2020, 7, 1559-1570.	3.7	19
17	An event-triggered design scheme for spacecraft attitude control. , 2017, , .		17
18	Distributed Voltage Regulation for Low-Voltage and High-PV-Penetration Networks With Battery Energy Storage Systems Subject to Communication Delay. IEEE Transactions on Control Systems Technology, 2022, 30, 426-433.	5.2	17

#	ARTICLE	IF	CITATIONS
19	Adaptive Neural Network Control for Missile Systems With Unknown Hysteresis Input. IEEE Access, 2017, 5, 15839-15847.	4.2	16
20	An Alternative Learning-Based Approach for Economic Dispatch in Smart Grid. IEEE Internet of Things Journal, 2021, 8, 15024-15036.	8.7	12
21	Adaptive Failure Compensation for Uncertain Systems with Unknown Utility Decrement of Actuators. Asian Journal of Control, 2018, 20, 893-905.	3.0	2
22	Constrained Consensus-based Iterative Algorithm for Economic Dispatch in Power Systems. , 2020, , .		2
23	Adaptive Control for a Class of Uncertain Nonlinear Systems Subject to Saturated Input Quantization. , 2020, , .		2
24	Resilient Vector Consensus: An Event-based Approach. , 2020, , .		2
25	A distributed algorithm for economic dispatch in a large-scale power system. , 2016, , .		0
26	Adaptive attitude coordination control for spacecraft with actuator faults and external disturbances. , 2020, , .		0
27	Self-triggered Control for Nonlinear Systems: A New Design Scenario From the Control Signal Perspective. , 2020, , .		0