

Deyin Yao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6800244/publications.pdf>

Version: 2024-02-01

37
papers

2,349
citations

304701

22
h-index

361001

35
g-index

37
all docs

37
docs citations

37
times ranked

1459
citing authors

#	ARTICLE	IF	CITATIONS
1	Bounded Antisynchronization of Multiple Neural Networks via Multilevel Hybrid Control. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 8250-8261.	11.3	3
2	Fuzzy-based dynamic event triggering formation control for nonstrict-feedback nonlinear MASs. Fuzzy Sets and Systems, 2023, 452, 1-22.	2.7	52
3	Event-Based Finite-Time Neural Control for Human-in-the-Loop UAV Attitude Systems. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 10387-10397.	11.3	94
4	Distributed Adaptive Fixed-Time Robust Platoon Control for Fully Heterogeneous Vehicles. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2023, 53, 264-274.	9.3	44
5	Adaptive Event-Triggered Sliding-Mode Control for Consensus Tracking of Nonlinear Multiagent Systems With Unknown Perturbations. IEEE Transactions on Cybernetics, 2023, 53, 2672-2684.	9.5	63
6	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.	9.3	45
7	Distributed Cooperative Compound Tracking Control for a Platoon of Vehicles With Adaptive NN. IEEE Transactions on Cybernetics, 2022, 52, 7039-7048.	9.5	92
8	Secure Finite-Horizon Consensus Control of Multiagent Systems Against Cyber Attacks. IEEE Transactions on Cybernetics, 2022, 52, 9230-9239.	9.5	17
9	Event-Triggered Adaptive Neural Control for Multiagent Systems with Deferred State Constraints. Journal of Systems Science and Complexity, 2022, 35, 973-992.	2.8	7
10	Distributed Event-Triggered Formation Control of USVs with Prescribed Performance. Journal of Systems Science and Complexity, 2022, 35, 820-838.	2.8	50
11	Human-in-the-Loop Consensus Control for Nonlinear Multi-Agent Systems With Actuator Faults. IEEE/CAA Journal of Automatica Sinica, 2022, 9, 111-122.	13.1	127
12	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.	5.4	29
13	Prescribed Performance Consensus Fuzzy Control of Multiagent Systems With Nonaffine Nonlinear Faults. IEEE Transactions on Fuzzy Systems, 2021, 29, 3936-3946.	9.8	26
14	Adaptive Neural Sliding Mode Control of Markov Jump Systems Subject to Malicious Attacks. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 7870-7881.	9.3	9
15	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.	3.7	31
16	Command filtered fixed-time control for a class of multi-agent systems with sensor faults. International Journal of Robust and Nonlinear Control, 2021, 31, 9588-9603.	3.7	12
17	Adaptive Attitude Control for Multi-MUAV Systems With Output Dead-Zone and Actuator Fault. IEEE/CAA Journal of Automatica Sinica, 2021, 8, 1567-1575.	13.1	52
18	Distributed Sliding-Mode Tracking Control of Second-Order Nonlinear Multiagent Systems: An Event-Triggered Approach. IEEE Transactions on Cybernetics, 2020, 50, 3892-3902.	9.5	170

#	ARTICLE	IF	CITATIONS
19	Event-Triggered Sliding Mode Control of Discrete-Time Markov Jump Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 2016-2025.	9.3	136
20	Observer-based Event-triggered Sliding Mode Control for Markov Jump Systems with Partially Unknown Transition Probabilities. International Journal of Control, Automation and Systems, 2019, 17, 1626-1633.	2.7	23
21	Finite-Time H_{∞} Filtering for Discrete-Time Piecewise Homogeneous Markov Jump Systems with Missing Measurements. Circuits, Systems, and Signal Processing, 2018, 37, 3927-3945.	2.0	15
22	Implementation of the load frequency control by two approaches: variable gain super-twisting algorithm and super-twisting-like algorithm. Nonlinear Dynamics, 2018, 93, 1073-1086.	5.2	4
23	Sliding mode control for state-delayed Markov jump systems with partly unknown transition probabilities. Nonlinear Dynamics, 2018, 91, 475-486.	5.2	25
24	Adaptive sliding mode controller design of Markov jump systems with time-varying actuator faults and partly unknown transition probabilities. Nonlinear Analysis: Hybrid Systems, 2018, 28, 105-122.	3.5	30
25	Event-Triggered Sliding Mode Control of Discrete-Time Markov Jump Systems with Partially Unknown Transition Probabilities. , 2018, , .		1
26	A sliding mode approach to stabilization of nonlinear Markovian jump singularly perturbed systems. Automatica, 2018, 97, 404-413.	5.0	153
27	Sliding mode output-feedback control of discrete-time Markov jump systems using singular system method. Journal of the Franklin Institute, 2018, 355, 5576-5591.	3.4	12
28	Adaptive Sliding-Mode Control of Markov Jump Nonlinear Systems With Actuator Faults. IEEE Transactions on Automatic Control, 2017, 62, 1933-1939.	5.7	338
29	Robust H_{∞} filtering for Markov jump systems with mode-dependent quantized output and partly unknown transition probabilities. Signal Processing, 2017, 137, 328-338.	3.7	59
30	Observer-based sliding mode control of Markov jump systems with random sensor delays and partly unknown transition rates. International Journal of Systems Science, 2017, 48, 2985-2996.	5.5	5
31	Adaptive sliding mode control of switched systems with different input matrix. International Journal of Control, Automation and Systems, 2017, 15, 2500-2506.	2.7	9
32	Robust control of uncertain semi-Markovian jump systems using sliding mode control method. Applied Mathematics and Computation, 2016, 286, 72-87.	2.2	89
33	Guaranteed cost control of interval type-2 T-S fuzzy systems with time-varying delays. , 2016, , .		0
34	Observer-based adaptive sliding mode control for nonlinear Markovian jump systems. Automatica, 2016, 64, 133-142.	5.0	491
35	Robust Adaptive Sliding Mode Control for Nonlinear Uncertain Neutral Markovian Jump Systems. Circuits, Systems, and Signal Processing, 2016, 35, 2741-2761.	2.0	12
36	Robust finite-time state estimation of uncertain neural networks with Markovian jump parameters. Neurocomputing, 2015, 159, 257-262.	5.9	20

#	ARTICLE	IF	CITATIONS
37	Robust Model Predictive Control of Networked Control Systems under Input Constraints and Packet Dropouts. Abstract and Applied Analysis, 2014, 2014, 1-11.	0.7	4