

Xiaonan Xia

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Finite-time adaptive neural command filtered control for pure-feedback time-varying constrained nonlinear systems with actuator faults. <i>Neurocomputing</i> , 2022, 490, 193-205.	3.5	6
2	Adaptive Control of Uncertain Nonlinear Systems With Discontinuous Input and Time-Varying Input Delay. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2022, 52, 7248-7258.	5.9	2
3	Decentralized adaptive output feedback dynamic surface control for stochastic nonstrict feedback interconnected nonlinear systems with actuator failures and input quantization via command filter. <i>International Journal of Robust and Nonlinear Control</i> , 2022, 32, 6739-6766.	2.1	9
4	Adaptive Quantized Control of Output Feedback Nonlinear Systems With Input Unmodeled Dynamics Based on Backstepping and Small-Gain Method. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021, 51, 5686-5697.	5.9	12
5	Adaptive cooperative dynamic surface control of non-strict feedback multi-agent systems with input dead-zones and actuator failures. <i>Neurocomputing</i> , 2021, 442, 48-63.	3.5	25
6	Adaptive event-triggered control of pure-feedback systems with quantized input and unknown input delay. <i>International Journal of Robust and Nonlinear Control</i> , 2021, 31, 9074-9093.	2.1	7
7	Unified adaptive event-triggered control of uncertain multi-input multi-output nonlinear systems with dynamic and static constraints. <i>International Journal of Robust and Nonlinear Control</i> , 2021, 31, 2371-2392.	2.1	10
8	Adaptive quantised control of uncertain nonlinear systems with state constraints and time-varying delays. <i>IET Control Theory and Applications</i> , 2020, 14, 1308-1320.	1.2	5
9	An Implementation Method for an Inductive Proximity Sensor with an Attenuation Coefficient of 1. <i>Energies</i> , 2020, 13, 6482.	1.6	2
10	Adaptive quantized DSC of output-constrained uncertain nonlinear systems with quantized input and input unmodeled dynamics. <i>Journal of the Franklin Institute</i> , 2020, 357, 5199-5225.	1.9	13
11	Adaptive neural optimal control of uncertain nonlinear systems with output constraints. <i>Neurocomputing</i> , 2020, 406, 182-195.	3.5	15
12	Adaptive output feedback control of uncertain nonlinear systems with input delay and output constraint. <i>International Journal of Adaptive Control and Signal Processing</i> , 2019, 33, 972-998.	2.3	6
13	Adaptive neural dynamic surface control of MIMO pure-feedback nonlinear systems with output constraints. <i>Neurocomputing</i> , 2019, 333, 101-109.	3.5	23
14	Robust adaptive quantized DSC of uncertain pure-feedback nonlinear systems with time-varying output and state constraints. <i>International Journal of Robust and Nonlinear Control</i> , 2018, 28, 3357-3375.	2.1	54
15	Reduced-order K-filters based decentralized fuzzy adaptive control of stochastic large-scale nonlinear systems with stochastic input unmodeled dynamics. <i>Neurocomputing</i> , 2018, 272, 584-595.	3.5	4
16	Adaptive quantized output feedback DSC of uncertain systems with output constraints and unmodeled dynamics based on reduced-order K-filters. <i>Neurocomputing</i> , 2018, 310, 236-245.	3.5	12
17	Robust adaptive DSC of directly input-coupled nonlinear systems with input unmodeled dynamics and time-varying output constraints. <i>International Journal of Robust and Nonlinear Control</i> , 2017, 27, 4398-4420.	2.1	9
18	Adaptive reduced-order K-filters based DSC of uncertain systems with input unmodeled dynamics and dead-zone. , 2016, , .		1

#	ARTICLE	IF	CITATIONS
19	Adaptive output feedback dynamic surface control of stochastic nonlinear systems with state and input unmodeled dynamics. <i>International Journal of Adaptive Control and Signal Processing</i> , 2016, 30, 864-887.	2.3	26
20	Adaptive Neural Output Feedback Control of Stochastic Nonlinear Systems with Unmodeled Dynamics. <i>Mathematical Problems in Engineering</i> , 2015, 2015, 1-13.	0.6	3
21	Decentralized adaptive fuzzy output feedback control of stochastic nonlinear large-scale systems with dynamic uncertainties. <i>Information Sciences</i> , 2015, 315, 17-38.	4.0	76
22	Decentralized adaptive output feedback dynamic surface control of interconnected nonlinear systems with unmodeled dynamics. <i>Journal of the Franklin Institute</i> , 2015, 352, 1031-1055.	1.9	30
23	Adaptive output feedback tracking control of stochastic nonlinear systems with dynamic uncertainties. <i>International Journal of Robust and Nonlinear Control</i> , 2015, 25, 1282-1300.	2.1	83
24	Adaptive neural control of state delayed nonlinear systems with unmodelled dynamics and distributed time-varying delays. <i>IET Control Theory and Applications</i> , 2014, 8, 1071-1082.	1.2	23
25	Adaptive neural control of stochastic nonlinear systems with unmodeled dynamics and time-varying state delays. <i>Journal of the Franklin Institute</i> , 2014, 351, 3182-3199.	1.9	39
26	Adaptive output feedback dynamic surface control of nonlinear systems with unmodeled dynamics and unknown high-frequency gain sign. <i>Neurocomputing</i> , 2014, 143, 312-321.	3.5	50