

Wen-Jie Si

List of Publications by Year in descending order

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27
papers

326
citations

758635

12
h-index

887659

17
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27
all docs

27
docs citations

27
times ranked

349
citing authors

#	ARTICLE	IF	CITATIONS
1	Adaptive neural prescribed performance control for a class of strict-feedback stochastic nonlinear systems with hysteresis input. <i>Neurocomputing</i> , 2017, 251, 35-44.	3.5	43
2	Decentralized adaptive neural control for interconnected stochastic nonlinear delay-time systems with asymmetric saturation actuators and output constraints. <i>Journal of the Franklin Institute</i> , 2018, 355, 54-80.	1.9	23
3	Decentralized adaptive neural control for high-order stochastic nonlinear strongly interconnected systems with unknown system dynamics. <i>Information Sciences</i> , 2018, 424, 137-158.	4.0	20
4	Barrier Lyapunov function-based decentralized adaptive neural control for uncertain high-order stochastic nonlinear interconnected systems with output constraints. <i>Journal of the Franklin Institute</i> , 2018, 355, 8484-8509.	1.9	20
5	Nussbaum gain adaptive neural control for stochastic pure-feedback nonlinear time-delay systems with full-state constraints. <i>Neurocomputing</i> , 2018, 292, 130-141.	3.5	19
6	ECG-based identity recognition via deterministic learning. <i>Biotechnology and Biotechnological Equipment</i> , 2018, 32, 769-777.	0.5	18
7	Finite-time adaptive neural control for uncertain nonlinear time-delay systems with actuator delay and full-state constraints. <i>International Journal of Systems Science</i> , 2019, 50, 726-738.	3.7	18
8	Adaptive neural control for stochastic pure-feedback nonlinear time-delay systems with output constraint and asymmetric input saturation. <i>IET Control Theory and Applications</i> , 2017, 11, 2288-2298.	1.2	17
9	Decentralized adaptive neural control for high-order interconnected stochastic nonlinear time-delay systems with unknown system dynamics. <i>Neural Networks</i> , 2018, 99, 123-133.	3.3	17
10	Adaptive neural prescribed performance control for a class of strict-feedback stochastic nonlinear systems under arbitrary switchings. <i>International Journal of Systems Science</i> , 2017, 48, 2300-2310.	3.7	16
11	Adaptive neural control for nonstrict-feedback stochastic nonlinear time-delay systems with input and output constraints. <i>International Journal of Adaptive Control and Signal Processing</i> , 2017, 31, 1401-1417.	2.3	14
12	Approximation-based decentralized output-feedback control for uncertain stochastic interconnected nonlinear time-delay systems with input delay and asymmetric input saturation. <i>Journal of the Franklin Institute</i> , 2018, 355, 7098-7133.	1.9	13
13	Decentralized adaptive neural prescribed performance control for high-order stochastic switched nonlinear interconnected systems with unknown system dynamics. <i>ISA Transactions</i> , 2019, 84, 55-68.	3.1	13
14	Adaptive neural tracking control for nonstrict-feedback stochastic nonlinear time-delay systems with full-state constraints. <i>International Journal of Systems Science</i> , 2017, 48, 3018-3031.	3.7	11
15	Adaptive neural dynamic surface control for a general class of stochastic nonlinear systems with time delays and input dead-zone. <i>International Journal of Control, Automation and Systems</i> , 2017, 15, 2416-2424.	1.6	11
16	Adaptive neural DSC for stochastic nonlinear constrained systems under arbitrary switchings. <i>Nonlinear Dynamics</i> , 2017, 90, 2531-2544.	2.7	10
17	System identification of distributed parameter system with recurrent trajectory via deterministic learning and interpolation. <i>Nonlinear Dynamics</i> , 2019, 95, 73-86.	2.7	8
18	Adaptive Neural Dynamic Surface Control for Stochastic Nonlinear Time-Delay Systems with Input and Output Constraints. <i>Asian Journal of Control</i> , 2018, 20, 780-789.	1.9	7

#	ARTICLE	IF	CITATIONS
19	Adaptive neural DSC for nonlinear switched systems with prescribed performance and input saturation. IEEE/CAA Journal of Automatica Sinica, 2024, , 1-9.	8.5	6
20	Neural Prescribed Performance Control for Uncertain Marine Surface Vessels without Accurate Initial Errors. Mathematical Problems in Engineering, 2017, 2017, 1-11.	0.6	6
21	Adaptive neural output-feedback control for nonstrict-feedback stochastic nonlinear time-delay systems with hysteresis. IEEE/CAA Journal of Automatica Sinica, 2024, , 1-11.	8.5	4
22	Adaptive neural control for nonstrict-feedback time-delay systems with input and output constraints. International Journal of Machine Learning and Cybernetics, 2018, 9, 1533-1540.	2.3	4
23	Finite-time decentralized adaptive neural constrained control for interconnected nonlinear time-delay systems with dynamics couplings among subsystems. ISA Transactions, 2018, 80, 54-64.	3.1	3
24	Decentralized intelligent tracking control for uncertain high-order stochastic nonlinear strong interconnected systems in drift and diffusion terms. International Journal of Robust and Nonlinear Control, 2018, 28, 2780-2805.	2.1	2
25	Goal-directed autonomous navigation of mobile robot based on the principle of neuromodulation. Network: Computation in Neural Systems, 2019, 30, 79-106.	2.2	2
26	Adaptive neural smooth finite-time controller for large-scale stochastic nonlinear state-constrained systems with feasibility removal and time delays. International Journal of Systems Science, 0, , 1-18.	3.7	1
27	Identification of distributed parameter system with recurrent trajectory via deterministic learning. , 2017, , .		0