Zhonghua Wu

List of Publications by Year
in descending order

19 papers	337 citations	1040056 9 h-index	996975 15 g-index
19 all docs	19 docs citations	19 times ranked	218 citing authors

#	Article	IF	Citations
1	Fixed-time adaptive neural network control for nonstrict-feedback nonlinear systems with deadzone and output constraint. ISA Transactions, 2020, 97, 458-473.	5.7	62
2	Modified adaptive neural dynamic surface control for morphing aircraft with input and output constraints. Nonlinear Dynamics, 2017, 87, 2367-2383.	5.2	56
3	Resilient Model-Free Adaptive Iterative Learning Control for Nonlinear Systems Under Periodic DoS Attacks via a Fading Channel. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 4117-4128.	9.3	38
4	Adaptive Neural Control Based on High Order Integral Chained Differentiator for Morphing Aircraft. Mathematical Problems in Engineering, 2015, 2015, 1-12.	1.1	30
5	Predefined‐time backstepping control for a nonlinear strict‐feedback system. International Journal of Robust and Nonlinear Control, 2021, 31, 3354-3372.	3.7	30
6	Composite prescribed performance control of small unmanned aerial vehicles using modified nonlinear disturbance observer. ISA Transactions, 2021, 116, 30-45.	5.7	28
7	Three-dimensional impact angle control guidance with field-of-view constraint. Aerospace Science and Technology, 2020, 105, 106014.	4.8	27
8	Asymmetric integral barrier Lyapunov function-based adaptive tracking control considering full-state with input magnitude and rate constraint. Journal of the Franklin Institute, 2020, 357, 9709-9732.	3.4	26
9	Robust Adaptive Neural Control of Morphing Aircraft with Prescribed Performance. Mathematical Problems in Engineering, 2017, 2017, 1-16.	1.1	14
10	Tracking error constrained robust adaptive neural prescribed performance control for flexible hypersonic flight vehicle. International Journal of Advanced Robotic Systems, 2017, 14, 172988141668270.	2.1	7
11	Composite learning adaptive dynamic surface control for uncertain nonlinear strict‐feedback systems with fixed‐time parameter estimation under sufficient excitation. International Journal of Robust and Nonlinear Control, 2021, 31, 5865-5889.	3.7	6
12	Fixed-time composite neural learning control of state-constrained nonlinear uncertain systems. Journal of the Franklin Institute, 2021, 358, 8138-8168.	3.4	6
13	Quantized Consensus Control for Multi-UAVs Based on Prescribed Performance. International Journal of Control, Automation and Systems, 2022, 20, 321-333.	2.7	3
14	Adaptive neural dynamic surface control of morphing aircraft with input constraints. , 2017, , .		2
15	Constrained Adaptive Neural Control of Nonlinear Strict-Feedback Systems with Input Dead-Zone. Mathematical Problems in Engineering, 2017, 2017, 1-11.	1.1	1
16	Adaptive Parameter Estimation Control Based on Back-Stepping for UAV. Lecture Notes in Electrical Engineering, 2022, , 1829-1843.	0.4	1
17	State constrained adaptive neural control for a class of nonlinear pure-feedback system using barrier Lyapunov function. , 2017, , .		0
18	Fixed-Time dynamic surface control for permanent magnet linear synchronous motors with modified disturbance observer. , 2021, , .		0

#	Article	IF	Citations
19	Predefined-Time Attitude Tracking Control of a Rigid Spacecraft. , 2021, , .		0