Yuqiang Wu

List of Publications by Year
in descending order

31	713	932766	676716
papers	citations	10	22
		h-index	g-index

31	31	31	493
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Adaptive Fuzzy Control With High-Order Barrier Lyapunov Functions for High-Order Uncertain Nonlinear Systems With Full-State Constraints. IEEE Transactions on Cybernetics, 2020, 50, 3424-3432.	6.2	203
2	Adaptive Tracking Control of Wheeled Inverted Pendulums With Periodic Disturbances. IEEE Transactions on Cybernetics, 2020, 50, 1867-1876.	6.2	112
3	Differential-flatness-based finite-time anti-swing control of underactuated crane systems. Nonlinear Dynamics, 2017, 87, 1749-1761.	2.7	75
4	Adaptive Fuzzy Tracking Control of Autonomous Underwater Vehicles With Output Constraints. IEEE Transactions on Fuzzy Systems, 2021, 29, 1311-1319.	6.5	72
5	Adaptive Fuzzy Event-Triggered Control for High-Order Nonlinear Systems With Prescribed Performance. IEEE Transactions on Cybernetics, 2022, 52, 2885-2895.	6.2	47
6	Further results on global stabilisation and tracking control for underactuated surface vessels with non-diagonal inertia and damping matrices. International Journal of Control, 2015, 88, 1679-1692.	1.2	45
7	Further Results on Fixed-Time Stabilization and Tracking Control of a Marine Surface Ship Subjected to Output Constraints. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 5300-5310.	5.9	29
8	Disturbance‐observer‐based antiswing control of underactuated crane systems via terminal sliding mode. IET Control Theory and Applications, 2018, 12, 2588-2594.	1.2	22
9	Trajectory Tracking Control Design for Nonholonomic Systems with Full-state Constraints. International Journal of Control, Automation and Systems, 2021, 19, 1798-1806.	1.6	16
10	Output feedback regulation control for a class of cascade nonlinear systems and its application to fan speed control. Nonlinear Analysis: Real World Applications, 2012, 13, 1278-1291.	0.9	15
11	Modeling and finite-time tracking control for mobile manipulators with affine and holonomic constraints. Journal of Systems Science and Complexity, 2016, 29, 589-601.	1.6	10
12	MPPT Adaptive Controller of DC-based DFIG in Resistances Uncertainty. International Journal of Control, Automation and Systems, 2021, 19, 2734-2746.	1.6	9
13	Adaptive Asymptotic Tracking Control for Input-Quantized Nonlinear Systems With Multiple Unknown Control Directions. IEEE Transactions on Cybernetics, 2023, 53, 5216-5225.	6.2	8
14	Adaptive motion and force tracking control for nonholonomic dynamic systems subject to affine constraints. Transactions of the Institute of Measurement and Control, 2016, 38, 482-491.	1.1	7
15	P-Rob Six-Degree-of-Freedom Robot Manipulator Dynamics Modeling and Anti-Disturbance Control. IEEE Access, 2021, 9, 141403-141420.	2.6	7
16	Prescribed-Time Stabilization of Uncertain Planar Nonlinear Systems With Output Constraints. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 2887-2891.	2.2	7
17	Adaptive quantized control for uncertain nonlinear systems with unknown control directions. International Journal of Robust and Nonlinear Control, 2021, 31, 8658-8671.	2.1	6
18	New Stabilization Controller of State-Constrained Nonholonomic Systems With Disturbances: Theory and Experiment. IEEE Transactions on Industrial Electronics, 2023, 70, 669-677.	5.2	6

#	Article	IF	Citations
19	Maximum Power Point Tracking of DFIG with DC-Based Converter System Using Coordinated Feedback Linearization Control. Mathematical Problems in Engineering, 2018, 2018, 1-12.	0.6	5
20	Output feedback control of nonlinear cascaded systems with external disturbance and asymmetric constraints. Nonlinear Dynamics, 2022, 108, 3727-3743.	2.7	4
21	Output feedback control of stochastic nonlinear systems based on extended state observer. International Journal of Adaptive Control and Signal Processing, 2022, 36, 1013-1031.	2.3	3
22	Output feedback control based on extended state observer for nonholonomic systems. , 2017, , .		2
23	Disturbance-observer-based Tracking Control for A Flexible-Joint Robotic Manipulator with External Disturbance. , 2020, , .		1
24	Output feedback regulation for a class of output€constrained nonlinear systems with iISS inverse dynamics. IET Control Theory and Applications, 2022, 16, 985-994.	1.2	1
25	The motion planning of Six-Degree-of-Freedom manipulator based on P-Rob. , 2021, , .		1
26	Finite-time boundedness analysis for switched linear systems with large delay period. , 2016, , .		0
27	Feedback Linearization Control for DC-based DFIG Systems. , 2018, , .		0
28	The Design of The Human Condition Detection System Based on STM32. , 2019, , .		0
29	Lp,q-Label Coloring Problem with Application to Channel Allocation. Mathematical Problems in Engineering, 2020, 2020, 1-8.	0.6	0
30	Anti-disturbance control of stochastic nonlinear systems based on extended state observer. , 2021, , .		0
31	Flux Observer with On-Line Identification of Resistance for DC-based DFIG. , 2020, , .		0