

Qing Wang

List of Publications by Year in descending order

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papers

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75
times ranked

557
citing authors

#	ARTICLE	IF	CITATIONS
1	Practical Output Containment of Heterogeneous Nonlinear Multiagent Systems Under External Disturbances. IEEE Transactions on Cybernetics, 2023, 53, 5191-5201.	6.2	12
2	Active disturbance rejection adaptive control for uncertain nonlinear systems with unknown time-varying dead-zone input. Asian Journal of Control, 2022, 24, 1209-1222.	1.9	13
3	Adaptive fuzzy command filtered backstepping control for uncertain pure-feedback systems. ISA Transactions, 2022, 129, 204-213.	3.1	12
4	Active Disturbance Rejection Control for Uncertain Nonlinear Systems With Sporadic Measurements. IEEE/CAA Journal of Automatica Sinica, 2022, 9, 893-906.	8.5	5
5	Time-varying group formation-tracking control for general linear multi-agent systems with switching topologies and time-varying delays. , 2021, , .		0
6	Predefined Finite-Time Output Containment of Nonlinear Multi-Agent Systems With Leaders of Unknown Inputs. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 3436-3448.	3.5	20
7	Extended-state-observer-based dynamic surface control of flexible-joint robot systems with input saturation. International Journal of Adaptive Control and Signal Processing, 2021, 35, 2372-2388.	2.3	3
8	Distributed Nash equilibrium seeking for non-cooperative convex games with local constraints. , 2021, , .		0
9	Finite-time adaptive neural dynamic surface control for nonlinear systems with unknown dead zone. IET Control Theory and Applications, 2021, 15, 40-50.	1.2	3
10	Back-stepping Fault-tolerant Control for Morphing Aircraft Based on Fixed-time Observer. International Journal of Control, Automation and Systems, 2021, 19, 3924-3936.	1.6	11
11	Fault-Tolerant Control for Launch Vehicle Based on Fuzzy Sliding Mode and Adaptive Dynamic Programming. , 2021, , .		0
12	Barrier Lyapunov function based adaptive finite-time control for hypersonic flight vehicles with state constraints. ISA Transactions, 2020, 96, 163-176.	3.1	70
13	Cascade Integral Predictors and Feedback Control for Nonlinear Systems with Unknown Time-varying Input-delays. International Journal of Control, Automation and Systems, 2020, 18, 1128-1138.	1.6	3
14	Active disturbance rejection consensus control of uncertain high-order nonlinear multi-agent systems. Transactions of the Institute of Measurement and Control, 2020, 42, 604-617.	1.1	3
15	Cascade integral observer based feedback linearization of nonlinear time-delay systems. , 2020, , .		0
16	Time-varying anti-disturbance formation control for high-order nonlinear multi-agent systems with switching directed topologies. IET Control Theory and Applications, 2020, 14, 271-282.	1.2	13
17	Finite-time backstepping control with command filter for a class of nonlinear systems with parametric uncertainties. Transactions of the Institute of Measurement and Control, 2020, 42, 2297-2307.	1.1	12
18	Variable-Structure Near-Space Vehicles with Time-Varying State Constraints Attitude Control Based on Switched Nonlinear System. Sensors, 2020, 20, 848.	2.1	5

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19	Active Disturbance Rejection Attitude Control for Flapping Wing Micro Aerial Vehicle With Nonaffine-in-Control Characteristics. IEEE Access, 2020, 8, 20013-20027.	2.6	5
20	Finite-time adaptive fuzzy command filtered control for nonlinear systems with indifferentiable non-affine functions. Nonlinear Dynamics, 2020, 100, 493-507.	2.7	11
21	Self-Healing Control for Large Launch Vehicle Based on Extended State Observer and Adaptive Dynamic Programming. IEEE Access, 2020, 8, 43013-43026.	2.6	5
22	Predefined Finite-time Output Containment of Nonlinear Multi-Agent Systems with Undirected Topology. , 2020, , .		1
23	Composite deep learning control for autonomous bicycles by using deep deterministic policy gradient. , 2020, , .		5
24	ESO-based fault-tolerant anti-disturbance control for air-breathing hypersonic vehicles with variable geometry inlet. Nonlinear Dynamics, 2019, 98, 2293-2308.	2.7	9
25	Prescribed performance control of morphing aircraft based on switched nonlinear systems and reinforcement learning. Measurement and Control, 2019, 52, 608-624.	0.9	6
26	Anti-disturbance backstepping control for air-breathing hypersonic vehicles based on extended state observer. ISA Transactions, 2019, 92, 84-93.	3.1	31
27	Time-varying formation control for unmanned aerial vehicles with external disturbances. Transactions of the Institute of Measurement and Control, 2019, 41, 3777-3786.	1.1	15
28	Disturbance rejection control of morphing aircraft based on switched nonlinear systems. Nonlinear Dynamics, 2019, 96, 975-995.	2.7	22
29	Adaptive Fuzzy Sliding Mode Control for a Flexible Air-breathing Hypersonic Vehicle Based on Tracking Differentiator. , 2019, , .		0
30	Observer-based Sliding Mode Fault-Tolerant Control for Spacecraft Attitude System with Actuator Faults. , 2019, , .		0
31	Fault Tolerant Control for High-Order Multi-agent Systems with Switching Interaction Topologies. , 2019, , .		0
32	Distributed output-feedback consensus control of multi-agent systems with dynamically changing directed interaction topologies. ISA Transactions, 2019, 85, 71-75.	3.1	6
33	Asynchronously finite-time H_∞ control for morphing aircraft. Transactions of the Institute of Measurement and Control, 2018, 40, 4330-4344.	1.1	8
34	A novel adaptive dynamic surface control scheme of hypersonic flight vehicles with thrust and actuator constraints. Transactions of the Institute of Measurement and Control, 2018, 40, 1362-1374.	1.1	15
35	Smooth switching linear parameter-varying fault detection filter design for morphing aircraft with asynchronous switching. Transactions of the Institute of Measurement and Control, 2018, 40, 2622-2638.	1.1	8
36	On Finite-time Stabilization of Active Disturbance Rejection Control for Uncertain Nonlinear Systems. Asian Journal of Control, 2018, 20, 415-424.	1.9	22

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37	Anti-windup smooth switching controller design of morphing aircraft. , 2018, , .		2
38	An Anti-interference Algorithm of Material Identification Based on X-ray. , 2018, , .		0
39	Formation Control for High-Order Multi-agent Systems with Unknown Dynamics. , 2018, , .		0
40	The Comparison of Different Visual Features for Visual Odometry. , 2018, , .		0
41	Event-Based Formation Control of Multiple Quadrotors on $SO(3)$. Mathematical Problems in Engineering, 2018, 2018, 1-11.	0.6	3
42	Robust Stability Analysis of Time-varying Delay Systems via an Augmented States Approach. International Journal of Control, Automation and Systems, 2018, 16, 1541-1549.	1.6	7
43	Stabilization of a class of switched uncertain systems by active disturbance rejection control. Transactions of the Institute of Measurement and Control, 2018, 40, 4421-4431.	1.1	6
44	Extended state observer based control for generic hypersonic vehicles with nonaffine-in-control character. ISA Transactions, 2018, 80, 127-136.	3.1	15
45	Attitude switching control of spacecraft based on Hamilton system. , 2017, , .		0
46	Model reference adaptive sliding mode control for switched linear systems. , 2017, , .		0
47	ESO based spacecraft quantized attitude control with disturbance. , 2017, , .		2
48	Design of full-envelope flight control based on the MDADT. , 2017, , .		0
49	Backstepping active disturbance rejection control: a delayed activation approach. IET Control Theory and Applications, 2017, 11, 2336-2342.	1.2	22
50	Energy-based cooperative formation control for multiple flight vehicles. , 2017, , .		0
51	Tracking Control Based on Control Allocation with an Innovative Control Effector Aircraft Application. Mathematical Problems in Engineering, 2016, 2016, 1-8.	0.6	2
52	Anti-windup design for uncertain nonlinear systems subject to actuator saturation and external disturbance. International Journal of Robust and Nonlinear Control, 2016, 26, 3421-3438.	2.1	40
53	Robust partial integrated guidance and control for missiles via extended state observer. ISA Transactions, 2016, 65, 27-36.	3.1	31
54	An analysis and design method for a class of nonlinear systems with nested saturations. International Journal of Control, 2016, 89, 1711-1724.	1.2	14

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55	Observer-Based Robust Fault Detection Filter Design and Optimization for Networked Control Systems. <i>Mathematical Problems in Engineering</i> , 2015, 2015, 1-11.	0.6	7
56	Robust Fault-Tolerant Tracking Control for Nonlinear Networked Control System: Asynchronous Switched Polytopic Approach. <i>Mathematical Problems in Engineering</i> , 2015, 2015, 1-13.	0.6	4
57	Simultaneous anti-windup synthesis for linear systems subject to actuator saturation. <i>Journal of Systems Engineering and Electronics</i> , 2015, 26, 119-126.	1.1	4
58	Finite-time cooperative guidance laws for multiple missiles with acceleration saturation constraints. <i>IET Control Theory and Applications</i> , 2015, 9, 1525-1535.	1.2	71
59	Simultaneous multi-stage anti-windup synthesis for open-loop stable plants. <i>Transactions of the Institute of Measurement and Control</i> , 2015, 37, 560-568.	1.1	0
60	Multistage anti-windup design for linear systems with saturation nonlinearity: enlargement of the domain of attraction. <i>Nonlinear Dynamics</i> , 2015, 80, 1543-1555.	2.7	11
61	Finite-time boundedness control of morphing aircraft based on switched systems approach. <i>Optik</i> , 2015, 126, 4436-4445.	1.4	27
62	Smooth switching linear parameter-varying control for hypersonic vehicles via a parameter set automatic partition method. <i>IET Control Theory and Applications</i> , 2015, 9, 2377-2386.	1.2	18
63	An Improved Antiwindup Design Using an Anticipatory Loop and an Immediate Loop. <i>Mathematical Problems in Engineering</i> , 2014, 2014, 1-9.	0.6	0
64	Fault detection for networked control systems via reduced-order filtering. , 2014, , .		1
65	Tracking control of spacecraft formation flying with time delay and H_{∞} constraints. , 2014, , .		0
66	Integrated design of missile guidance and control: Active disturbance rejection control method. , 2014, , .		2
67	A reaching law based neural network terminal sliding-mode guidance law design. , 2013, , .		5
68	Robust trajectory tracking of unstable aircraft with measurement delay. <i>Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering</i> , 2012, 226, 1220-1230.	0.7	4
69	Model reference robust adaptive control for a class of uncertain switched linear systems. <i>International Journal of Robust and Nonlinear Control</i> , 2012, 22, 1019-1035.	2.1	35
70	An approach to fault detection of NCS with unknown network-induced delay. , 2011, , .		1
71	Exponential stability of a networked flight control system with large-bounded successive packet-dropouts. , 2010, , .		0
72	Analysis framework for networked control systems of multiple guided weapons: Switched system approach. , 2009, , .		0

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73	Networked control of guided weapon using time-delay switched system with compensatory model. , 2009, , .		2
74	Active Vibration Control for Wind Tunnel Model Using Hybrid Fuzzy-PID Scheme. , 2009, , .		2
75	Radome slope estimation in flight using fuzzy adaptive multiple model for active homing missile. , 2009, , .		1