# Qing Wang

List of Publications by Year
in descending order

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|---|---|---|---|
| 75<br>papers | 693<br>citations | 686830<br>13<br>h-index | 642321<br>23<br>g-index |
| 75<br>all docs | 75<br>docs citations | 75<br>times ranked | 557<br>citing authors |

| # | ARTICLE | IF | CITATIONS |
|---|---------|----|-----------|
| 1 | Finite‐time cooperative guidance laws for multiple missiles with acceleration saturation constraints. IET Control Theory and Applications, 2015, 9, 1525-1535. | 1.2 | 71 |
| 2 | Barrier Lyapunov function based adaptive finite-time control for hypersonic flight vehicles with state constraints. ISA Transactions, 2020, 96, 163-176. | 3.1 | 70 |
| 3 | 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 |
| 4 | Model reference robust adaptive control for a class of uncertain switched linear systems. International Journal of Robust and Nonlinear Control, 2012, 22, 1019-1035. | 2.1 | 35 |
| 5 | Robust partial integrated guidance and control for missiles via extended state observer. ISA Transactions, 2016, 65, 27-36. | 3.1 | 31 |
| 6 | Anti-disturbance backstepping control for air-breathing hypersonic vehicles based on extended state observer. ISA Transactions, 2019, 92, 84-93. | 3.1 | 31 |
| 7 | Finite-time boundedness control of morphing aircraft based on switched systems approach. Optik, 2015, 126, 4436-4445. | 1.4 | 27 |
| 8 | Backstepping active disturbance rejection control: a delayed activation approach. IET Control Theory and Applications, 2017, 11, 2336-2342. | 1.2 | 22 |
| 9 | On Finite‐Time Stabilization of Active Disturbance Rejection Control for Uncertain Nonlinear Systems. Asian Journal of Control, 2018, 20, 415-424. | 1.9 | 22 |
| 10 | Disturbance rejection control of morphing aircraft based on switched nonlinear systems. Nonlinear Dynamics, 2019, 96, 975-995. | 2.7 | 22 |
| 11 | 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 |
| 12 | Smooth switching linear parameter‐varying control for hypersonic vehicles via a parameter set automatic partition method. IET Control Theory and Applications, 2015, 9, 2377-2386. | 1.2 | 18 |
| 13 | 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 |
| 14 | Extended state observer based control for generic hypersonic vehicles with nonaffine-in-control character. ISA Transactions, 2018, 80, 127-136. | 3.1 | 15 |
| 15 | 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 |
| 16 | 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 |
| 17 | Time‐varying anti‐disturbance formation control for high‐order non‐linear multi‐agent systems with switching directed topologies. IET Control Theory and Applications, 2020, 14, 271-282. | 1.2 | 13 |
| 18 | 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 |

| # | Article | IF | Citations |
|---|---------|----|-----------| 
| 19 | 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 |
| 20 | Adaptive fuzzy command filtered backstepping control for uncertain pure-feedback systems. ISA Transactions, 2022, 129, 204-213. | 3.1 | 12 |
| 21 | Practical Output Containment of Heterogeneous Nonlinear Multiagent Systems Under External Disturbances. IEEE Transactions on Cybernetics, 2023, 53, 5191-5201. | 6.2 | 12 |
| 22 | Multistage anti-windup design for linear systems with saturation nonlinearity: enlargement of the domain of attraction. Nonlinear Dynamics, 2015, 80, 1543-1555. | 2.7 | 11 |
| 23 | Finite-time adaptive fuzzy command filtered control for nonlinear systems with indifferentiable non-affine functions. Nonlinear Dynamics, 2020, 100, 493-507. | 2.7 | 11 |
| 24 | 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 |
| 25 | 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 |
| 26 | Asynchronously finite-time $H_\infty$ control for morphing aircraft. Transactions of the Institute of Measurement and Control, 2018, 40, 4330-4344. | 1.1 | 8 |
| 27 | 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 |
| 28 | Observer-Based Robust Fault Detection Filter Design and Optimization for Networked Control Systems. Mathematical Problems in Engineering, 2015, 2015, 1-11. | 0.6 | 7 |
| 29 | 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 |
| 30 | 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 |
| 31 | Prescribed performance control of morphing aircraft based on switched nonlinear systems and reinforcement learning. Measurement and Control, 2019, 52, 608-624. | 0.9 | 6 |
| 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 | A reaching law based neural network terminal sliding-mode guidance law design. , 2013, , . |  | 5 |
| 34 | Variable-Structure Near-Space Vehicles with Time-Varying State Constraints Attitude Control Based on Switched Nonlinear System. Sensors, 2020, 20, 848. | 2.1 | 5 |
| 35 | 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 |
| 36 | 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 |

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|---|---------|-----|-----------|
| 37 | Composite deep learning control for autonomous bicycles by using deep deterministic policy gradient. , 2020, , . | | 5 |
| 38 | Active Disturbance Rejection Control for Uncertain Nonlinear Systems With Sporadic Measurements. IEEE/CAA Journal of Automatica Sinica, 2022, 9, 893-906. | 8.5 | 5 |
| 39 | Robust trajectory tracking of unstable aircraft with measurement delay. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 2012, 226, 1220-1230. | 0.7 | 4 |
| 40 | Robust Fault-Tolerant Tracking Control for Nonlinear Networked Control System: Asynchronous Switched Polytopic Approach. Mathematical Problems in Engineering, 2015, 2015, 1-13. | 0.6 | 4 |
| 41 | Simultaneous anti-windup synthesis for linear systems subject to actuator saturation. Journal of Systems Engineering and Electronics, 2015, 26, 119-126. | 1.1 | 4 |
| 42 | Event-Based Formation Control of Multiple Quadrotors on SO(3). Mathematical Problems in Engineering, 2018, 2018, 1-11. | 0.6 | 3 |
| 43 | 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 |
| 44 | 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 |
| 45 | 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 |
| 46 | Finite‐time adaptive neural dynamic surface control for non‐linear systems with unknown dead zone. IET Control Theory and Applications, 2021, 15, 40-50. | 1.2 | 3 |
| 47 | Networked control of guided weapon using time-delay switched system with compensatory model. , 2009, , . | | 2 |
| 48 | Active Vibration Control for Wind Tunnel Model Using Hybrid Fuzzy-PID Scheme. , 2009, , . | | 2 |
| 49 | Integrated design of missile guidance and control: Active disturbance rejection control method. , 2014, , . | | 2 |
| 50 | Tracking Control Based on Control Allocation with an Innovative Control Effector Aircraft Application. Mathematical Problems in Engineering, 2016, 2016, 1-8. | 0.6 | 2 |
| 51 | ESO based spacecraft quantized attitude control with disturbance. , 2017, , . | | 2 |
| 52 | Anti-windup smooth switching controller design of morphing aircraft. , 2018, , . | | 2 |
| 53 | Radome slope estimation in flight using fuzzy adaptive multiple model for active homing missile. , 2009, , . | | 1 |
| 54 | An approach to fault detection of NCS with unknown network-induced delay. , 2011, , . | | 1 |

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|---|---|---|---|
| 55 | Fault detection for networked control systems via reduced-order filtering. , 2014, , . | | 1 |
| 56 | Predefined Finite-time Output Containment of Nonlinear Multi-Agent Systems with Undirected Topology. , 2020, , . | | 1 |
| 57 | Analysis framework for networked control systems of multiple guided weapons: Switched system approach. , 2009, , . | | 0 |
| 58 | Exponential stability of a networked flight control system with large-bounded successive packet-dropouts. , 2010, , . | | 0 |
| 59 | An Improved Antiwindup Design Using an Anticipatory Loop and an Immediate Loop. Mathematical Problems in Engineering, 2014, 2014, 1-9. | 0.6 | 0 |
| 60 | Tracking control of spacecraft formation flying with time delay and $H_2/H_\infty$ constraints. , 2014, , . | | 0 |
| 61 | Simultaneous multi-stage anti-windup synthesis for open-loop stable plants. Transactions of the Institute of Measurement and Control, 2015, 37, 560-568. | 1.1 | 0 |
| 62 | Attitude switching control of spacecraft based on Hamilton system. , 2017, , . | | 0 |
| 63 | Model reference adaptive sliding mode control for switched linear systems. , 2017, , . | | 0 |
| 64 | Design of full-envelope flight control based on the MDADT. , 2017, , . | | 0 |
| 65 | An Anti-interference Algorithm of Material Identification Based on X-ray. , 2018, , . | | 0 |
| 66 | Formation Control for High-Order Multi-agent Systems with Unknown Dynamics. , 2018, , . | | 0 |
| 67 | The Comparison of Different Visual Features for Visual Odometry. , 2018, , . | | 0 |
| 68 | Adaptive Fuzzy Sliding Mode Control for a Flexible Air-breathing Hypersonic Vehicle Based on Tracking Differentiator. , 2019, , . | | 0 |
| 69 | Observer-based Sliding Mode Fault-Tolerant Control for Spacecraft Attitude System with Actuator Faults. , 2019, , . | | 0 |
| 70 | Fault Tolerant Control for High-Order Multi-agent Systems with Switching Interaction Topologies. , 2019, , . | | 0 |
| 71 | Cascade integral observer based feedback linearization of nonlinear time-delay systems. , 2020, , . | | 0 |
| 72 | Time-varying group formation-tracking control for general linear multi-agent systems with switching topologies and time-varying delays. , 2021, , . | | 0 |

| # | ARTICLE | IF | CITATIONS |
|---|---------|----|-----------|
| 73 | Distributed Nash equilibrium seeking for non-cooperative convex games with local constraints. , 2021, , . | | 0 |
| 74 | Energy-based cooperative formation control for multiple flight vehicles. , 2017, , . | | 0 |
| 75 | Fault-Tolerant Control for Launch Vehicle Based on Fuzzy Sliding Mode and Adaptive Dynamic Programming. , 2021, , . | | 0 |