# Dong Yang

List of Publications by Year
in descending order

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|---|---|---|---|
| 55<br>papers | 1,236<br>citations | 430754<br>18<br>h-index | 395590<br>33<br>g-index |
| 55<br>all docs | 55<br>docs citations | 55<br>times ranked | 815<br>citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | $H_infty$ Refined Antidisturbance Control of Switched LPV Systems With Application to Aero-Engine. IEEE Transactions on Industrial Electronics, 2020, 67, 3180-3190. | 5.2 | 150 |
| 2 | Robust finite-time Hâˆž control for Markovian jump systems with partially known transition probabilities. Journal of the Franklin Institute, 2013, 350, 1562-1578. | 1.9 | 103 |
| 3 | Fault-Tolerant Control of Switched LPV Systems: A Bumpless Transfer Approach. IEEE/ASME Transactions on Mechatronics, 2022, 27, 1436-1446. | 3.7 | 99 |
| 4 | Bumpless Transfer Hâˆž Anti-Disturbance Control of Switching Markovian LPV Systems Under the Hybrid Switching. IEEE Transactions on Cybernetics, 2022, 52, 2833-2845. | 6.2 | 79 |
| 5 | Stability and stabilization of continuousâ€time switched systems: A multiple discontinuous convex Lyapunov function approach. International Journal of Robust and Nonlinear Control, 2019, 29, 1499-1514. | 2.1 | 75 |
| 6 | H <sub>âˆž</sub> Tracking Control of Uncertain Markovian Hybrid Switching Systems: A Fuzzy Switching Dynamic Adaptive Control Approach. IEEE Transactions on Cybernetics, 2022, 52, 3111-3122. | 6.2 | 49 |
| 7 | H<sub>âˆž</sub> output tracking control for a class of switched LPV systems and its application to an aeroâ€engine model. International Journal of Robust and Nonlinear Control, 2017, 27, 2102-2120. | 2.1 | 46 |
| 8 | Hâˆž bumpless transfer reliable control of Markovian switching LPV systems subject to actuator failures. Information Sciences, 2020, 512, 431-445. | 4.0 | 44 |
| 9 | Finiteâ€time adaptive tracking control for a class of nonstrict feedback nonlinear systems with full state constraints. International Journal of Robust and Nonlinear Control, 2022, 32, 2551-2569. | 2.1 | 41 |
| 10 | Reduced-Order Observer-Based Adaptive Fuzzy Tracking Control Scheme of Stochastic Switched Nonlinear Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 4566-4578. | 5.9 | 35 |
| 11 | Adaptive neural tracking control of nonlinear stochastic switched non-lower triangular systems with input saturation. Neurocomputing, 2019, 364, 192-202. | 3.5 | 32 |
| 12 | Dissipativity for Switched LPV Systems and Its Application: A Parameter and Dwell Time-Dependent Multiple Storage Functions Method. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 502-513. | 5.9 | 31 |
| 13 | Finiteâ€time H<sub>âˆž</sub> bumpless transfer control for switched systems: A stateâ€dependent switching approach. International Journal of Robust and Nonlinear Control, 2020, 30, 1417-1430. | 2.1 | 31 |
| 14 | Decentralized Adaptive Command Filtered Neural Tracking Control of Large-Scale Nonlinear Systems: An Almost Fast Finite-Time Framework. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 3621-3632. | 7.2 | 30 |
| 15 | Hâˆž synchronization of switched complex networks: A switching impulsive control method. Communications in Nonlinear Science and Numerical Simulation, 2019, 77, 338-348. | 1.7 | 27 |
| 16 | Composite antiâ€disturbance control for switched systems via mixed stateâ€dependent and timeâ€driven switching. IET Control Theory and Applications, 2016, 10, 1981-1990. | 1.2 | 25 |
| 17 | H<sub>âˆž</sub> bumpless transfer for switched LPV systems and its application. International Journal of Control, 2019, 92, 1945-1958. | 1.2 | 24 |
| 18 | Composite anti-disturbance model reference adaptive control for switched systems. Information Sciences, 2019, 485, 71-86. | 4.0 | 23 |

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|---|---|---|---|
| 19 | Time-Driven Adaptive Control of Switched Systems With Application to Electro-Hydraulic Unit. IEEE Transactions on Cybernetics, 2022, 52, 11906-11915. | 6.2 | 21 |
| 20 | Feedback passification for switched LPV systems via a state and parameter-triggered switching with dwell time constraints. Nonlinear Analysis: Hybrid Systems, 2018, 29, 147-164. | 2.1 | 19 |
| 21 | Bumpless transfer fault detection for switched systems: a state-dependent switching approach. Science China Information Sciences, 2021, 64, 1. | 2.7 | 18 |
| 22 | Robust Finite-Time Output Feedback $$ H_infty $$ H âˆž Control for Stochastic Jump Systems with Incomplete Transition Rates. Circuits, Systems, and Signal Processing, 2015, 34, 1799-1824. | 1.2 | 16 |
| 23 | Annular finite-time <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e137" altimg="si4.svg"><mml:msub><mml:mrow><mml:mi>H</mml:mi></mml:mrow><mml:mrow><mml:mi>âˆž</mml:mi></mml:mrow></mml:msub></mml:math> control of switched fuzzy systems: A switching dynamic event-triggered control approach. Nonlinear Analysis: Hybrid Systems, 2021, 41, 101050. | 2.1 | 15 |
| 24 | Guaranteed cost control for switched LPV systems via parameter and state-dependent switching with dwell time and its application. Optimal Control Applications and Methods, 2017, 38, 601-617. | 1.3 | 14 |
| 25 | Adaptive approximation-based design mechanism for non-strict-feedback nonlinear MIMO systems with application to continuous stirred tank reactor. ISA Transactions, 2020, 100, 92-102. | 3.1 | 13 |
| 26 | Multiple model adaptive control for switched linear systems: A twoâ€layer switching strategy. International Journal of Robust and Nonlinear Control, 2018, 28, 2276-2297. | 2.1 | 12 |
| 27 | Adaptive neural design frame for uncertain stochastic nonlinear non-lower triangular pure-feedback systems with input constraint. Journal of the Franklin Institute, 2019, 356, 9545-9564. | 1.9 | 12 |
| 28 | Finite-time adaptive neural control and almost disturbance decoupling for disturbed MIMO non-strict-feedback nonlinear systems. Journal of the Franklin Institute, 2020, 357, 11750-11772. | 1.9 | 12 |
| 29 | Robust resilient H<sub>â€‰âˆžâ€‰</sub> control for stochastic systems with Markovian jump parameters under partially known transition probabilities. Optimal Control Applications and Methods, 2014, 35, 539-558. | 1.3 | 11 |
| 30 | Observer-basedH<sub>âˆž</sub>resilient control for a class of switched LPV systems and its application. International Journal of Systems Science, 2016, 47, 3656-3667. | 3.7 | 11 |
| 31 | Adaptive Neural Controller Design Scheme of Nonlinear Delayed Systems With Completely Unknown Nonlinearities and Non-Strict-Feedback Structure. IEEE Access, 2018, 6, 66418-66427. | 2.6 | 10 |
| 32 | A New Adaptive DS-Based Finite-Time Neural Tracking Control Scheme for Nonstrict-Feedback Nonlinear Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 1014-1018. | 5.9 | 10 |
| 33 | Model reference adaptive control for switched linear systems using switched multiple models control strategy. Journal of the Franklin Institute, 2019, 356, 2645-2667. | 1.9 | 8 |
| 34 | Adaptive neural network output tracking control of uncertain switched nonlinear systems: An improved multiple Lyapunov function method. Information Sciences, 2022, 606, 380-396. | 4.0 | 8 |
| 35 | Stabilization for Switched LPV Systems with Markovian Jump Parameters and Its Application. Asian Journal of Control, 2017, 19, 11-21. | 1.9 | 7 |
| 36 | Adaptive RBF Neural-Network-Based Design Strategy for Non-Strict-Feedback Nonlinear Systems by Using Integral Lyapunov Functions. IEEE Access, 2018, 6, 75076-75085. | 2.6 | 7 |

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|---|---|---|---|
| 37 | Robust finite-time H<sup>âˆž</sup> control of switched systems and its applications: a dynamic event-triggered method. International Journal of General Systems, 2022, 51, 71-93. | 1.2 | 7 |
| 38 | Exponential H<sub>âˆž</sub> filtering of networked linear switched systems with mode-dependent average dwell time: an event-triggered scheme. International Journal of Systems Science, 2019, 50, 1450-1464. | 3.7 | 6 |
| 39 | Hâˆž fault-tolerant control for switched linear parameter-varying systems: A parameter and state-dependent switching method with dwell time. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 2019, 233, 18-30. | 0.7 | 6 |
| 40 | Adaptive Neural Tracking Control for Uncertain Switched Nonlinear Non-lower Triangular System with Disturbances and Dead-zone Input. International Journal of Control, Automation and Systems, 2020, 18, 1445-1452. | 1.6 | 6 |
| 41 | Eventâ€triggered finiteâ€time dynamic output feedback control for switched affine systems with asynchronous switching. Asian Journal of Control, 2023, 25, 899-909. | 1.9 | 6 |
| 42 | Switched adaptive control for a class of switched nontriangular nonlinear systems with vanishing control gains. International Journal of Robust and Nonlinear Control, 2019, 29, 2603-2618. | 2.1 | 5 |
| 43 | Almost output regulation model reference adaptive control for switched systems: combined adaptive strategy. International Journal of Systems Science, 2020, 51, 556-569. | 3.7 | 5 |
| 44 | Adaptive Neural Fault-Tolerant Control for a Class of Stochastic Switched Nonlinear Systems. IEEE Access, 2019, 7, 93219-93228. | 2.6 | 4 |
| 45 | Adaptive fuzzy-based composite anti-disturbance control for a class of switched nonlinear systems with unknown backlash-like hysteresis. Journal of the Franklin Institute, 2021, 358, 5213-5236. | 1.9 | 4 |
| 46 | Input-to-state practical stability of switched affine systems with time-varying delay: an event-triggered mechanism. International Journal of Systems Science, 2022, 53, 1983-1994. | 3.7 | 4 |
| 47 | Adaptive Neural Tracking Control of Nonlinear Nonstrict-Feedback Systems With Unmodeled Dynamics. IEEE Access, 2019, 7, 90206-90214. | 2.6 | 3 |
| 48 | Global stabilization of switched nonlinear systems with vanishing control vector fields and its application. International Journal of Robust and Nonlinear Control, 2021, 31, 5149-5164. | 2.1 | 3 |
| 49 | Adaptive decentralised control for largeâ€scale nonâ€linear nonâ€strictâ€feedback interconnected systems with timeâ€varying asymmetric output constraints and deadâ€zone inputs. IET Control Theory and Applications, 2020, 14, 3417-3427. | 1.2 | 3 |
| 50 | Passivity and passive control for switched nonlinear systems based on multiple storage functions technique. International Journal of Control, 2022, 95, 22-32. | 1.2 | 2 |
| 51 | Guaranteed cost control for LPV systems with Markovian switching under partially known transition rates. , 2016, , . | | 1 |
| 52 | Intelligent Adaptive Tracking Controller Design for Stochastic Switched Pure-Feedback Nonlinear Systems With Input Saturation and Non-Lower Triangular Structure. IEEE Access, 2020, 8, 127022-127033. | 2.6 | 1 |
| 53 | Finite-Time Adaptive Tracking Control for a Class of Pure-Feedback Nonlinear Systems with Disturbances via Decoupling Technique. Complexity, 2020, 2020, 1-11. | 0.9 | 1 |
| 54 | Partial-State-Constrained Adaptive Intelligent Tracking Control of Nonlinear Nonstrict-Feedback Systems with Unmodeled Dynamics and Its Application. Complexity, 2020, 2020, 1-13. | 0.9 | 1 |

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| 55 | Visualization of power system components based on SVG and VB.NET. , 2013, , . | | 0 |