

# Dong Yang

## List of Publications by Year in descending order

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55  
papers

1,236  
citations

430754

18  
h-index

395590

33  
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55  
all docs

55  
docs citations

55  
times ranked

815  
citing authors

#	ARTICLE	IF	CITATIONS
1	Event-triggered finite-time dynamic output feedback control for switched affine systems with asynchronous switching. <i>Asian Journal of Control</i> , 2023, 25, 899-909.	1.9	6
2	Bumpless Transfer $\hat{z}$ Anti-Disturbance Control of Switching Markovian LPV Systems Under the Hybrid Switching. <i>IEEE Transactions on Cybernetics</i> , 2022, 52, 2833-2845.	6.2	79
3	$\hat{z}$ Tracking Control of Uncertain Markovian Hybrid Switching Systems: A Fuzzy Switching Dynamic Adaptive Control Approach. <i>IEEE Transactions on Cybernetics</i> , 2022, 52, 3111-3122.	6.2	49
4	A New Adaptive DS-Based Finite-Time Neural Tracking Control Scheme for Nonstrict-Feedback Nonlinear Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2022, 52, 1014-1018.	5.9	10
5	Passivity and passive control for switched nonlinear systems based on multiple storage functions technique. <i>International Journal of Control</i> , 2022, 95, 22-32.	1.2	2
6	Time-Driven Adaptive Control of Switched Systems With Application to Electro-Hydraulic Unit. <i>IEEE Transactions on Cybernetics</i> , 2022, 52, 11906-11915.	6.2	21
7	Fault-Tolerant Control of Switched LPV Systems: A Bumpless Transfer Approach. <i>IEEE/ASME Transactions on Mechatronics</i> , 2022, 27, 1436-1446.	3.7	99
8	Finite-time adaptive tracking control for a class of nonstrict feedback nonlinear systems with full state constraints. <i>International Journal of Robust and Nonlinear Control</i> , 2022, 32, 2551-2569.	2.1	41
9	Robust finite-time $\hat{z}$ control of switched systems and its applications: a dynamic event-triggered method. <i>International Journal of General Systems</i> , 2022, 51, 71-93.	1.2	7
10	Input-to-state practical stability of switched affine systems with time-varying delay: an event-triggered mechanism. <i>International Journal of Systems Science</i> , 2022, 53, 1983-1994.	3.7	4
11	Adaptive neural network output tracking control of uncertain switched nonlinear systems: An improved multiple Lyapunov function method. <i>Information Sciences</i> , 2022, 606, 380-396.	4.0	8
12	Decentralized Adaptive Command Filtered Neural Tracking Control of Large-Scale Nonlinear Systems: An Almost Fast Finite-Time Framework. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021, 32, 3621-3632.	7.2	30
13	Reduced-Order Observer-Based Adaptive Fuzzy Tracking Control Scheme of Stochastic Switched Nonlinear Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021, 51, 4566-4578.	5.9	35
14	Global stabilization of switched nonlinear systems with vanishing control vector fields and its application. <i>International Journal of Robust and Nonlinear Control</i> , 2021, 31, 5149-5164.	2.1	3
15	Bumpless transfer fault detection for switched systems: a state-dependent switching approach. <i>Science China Information Sciences</i> , 2021, 64, 1.	2.7	18
16	Adaptive fuzzy-based composite anti-disturbance control for a class of switched nonlinear systems with unknown backlash-like hysteresis. <i>Journal of the Franklin Institute</i> , 2021, 358, 5213-5236.	1.9	4
17	Annular finite-time $\hat{z}$ control of switched fuzzy systems: A switching dynamic event-triggered control approach. <i>Nonlinear Analysis: Hybrid Systems</i> , 2021, 41, 101050.	2.1	15
18	$\hat{z}$ Refined Antidisturbance Control of Switched LPV Systems With Application to Aero-Engine. <i>IEEE Transactions on Industrial Electronics</i> , 2020, 67, 3180-3190.	5.2	150

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19	Dissipativity for Switched LPV Systems and Its Application: A Parameter and Dwell Time-Dependent Multiple Storage Functions Method. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020, 50, 502-513.	5.9	31
20	H <sup>∞</sup> bumpless transfer reliable control of Markovian switching LPV systems subject to actuator failures. <i>Information Sciences</i> , 2020, 512, 431-445.	4.0	44
21	Finite-time H <sup>∞</sup> bumpless transfer control for switched systems: A state-dependent switching approach. <i>International Journal of Robust and Nonlinear Control</i> , 2020, 30, 1417-1430.	2.1	31
22	Finite-time adaptive neural control and almost disturbance decoupling for disturbed MIMO non-strict-feedback nonlinear systems. <i>Journal of the Franklin Institute</i> , 2020, 357, 11750-11772.	1.9	12
23	Adaptive Neural Tracking Control for Uncertain Switched Nonlinear Non-lower Triangular System with Disturbances and Dead-zone Input. <i>International Journal of Control, Automation and Systems</i> , 2020, 18, 1445-1452.	1.6	6
24	Adaptive approximation-based design mechanism for non-strict-feedback nonlinear MIMO systems with application to continuous stirred tank reactor. <i>ISA Transactions</i> , 2020, 100, 92-102.	3.1	13
25	Intelligent Adaptive Tracking Controller Design for Stochastic Switched Pure-Feedback Nonlinear Systems With Input Saturation and Non-Lower Triangular Structure. <i>IEEE Access</i> , 2020, 8, 127022-127033.	2.6	1
26	Finite-Time Adaptive Tracking Control for a Class of Pure-Feedback Nonlinear Systems with Disturbances via Decoupling Technique. <i>Complexity</i> , 2020, 2020, 1-11.	0.9	1
27	Partial-State-Constrained Adaptive Intelligent Tracking Control of Nonlinear Nonstrict-Feedback Systems with Unmodeled Dynamics and Its Application. <i>Complexity</i> , 2020, 2020, 1-13.	0.9	1
28	Almost output regulation model reference adaptive control for switched systems: combined adaptive strategy. <i>International Journal of Systems Science</i> , 2020, 51, 556-569.	3.7	5
29	Adaptive decentralised control for large-scale nonlinear non-strict-feedback interconnected systems with time-varying asymmetric output constraints and dead-zone inputs. <i>IET Control Theory and Applications</i> , 2020, 14, 3417-3427.	1.2	3
30	Adaptive Neural Tracking Control of Nonlinear Nonstrict-Feedback Systems With Unmodeled Dynamics. <i>IEEE Access</i> , 2019, 7, 90206-90214.	2.6	3
31	Adaptive neural tracking control of nonlinear stochastic switched non-lower triangular systems with input saturation. <i>Neurocomputing</i> , 2019, 364, 192-202.	3.5	32
32	Adaptive Neural Fault-Tolerant Control for a Class of Stochastic Switched Nonlinear Systems. <i>IEEE Access</i> , 2019, 7, 93219-93228.	2.6	4
33	Model reference adaptive control for switched linear systems using switched multiple models control strategy. <i>Journal of the Franklin Institute</i> , 2019, 356, 2645-2667.	1.9	8
34	H <sup>∞</sup> synchronization of switched complex networks: A switching impulsive control method. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2019, 77, 338-348.	1.7	27
35	Exponential H <sup>∞</sup> filtering of networked linear switched systems with mode-dependent average dwell time: an event-triggered scheme. <i>International Journal of Systems Science</i> , 2019, 50, 1450-1464.	3.7	6
36	Composite anti-disturbance model reference adaptive control for switched systems. <i>Information Sciences</i> , 2019, 485, 71-86.	4.0	23

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37	Switched adaptive control for a class of switched nontriangular nonlinear systems with vanishing control gains. <i>International Journal of Robust and Nonlinear Control</i> , 2019, 29, 2603-2618.	2.1	5
38	Adaptive neural design frame for uncertain stochastic nonlinear non-lower triangular pure-feedback systems with input constraint. <i>Journal of the Franklin Institute</i> , 2019, 356, 9545-9564.	1.9	12
39	Stability and stabilization of continuous-time switched systems: A multiple discontinuous convex Lyapunov function approach. <i>International Journal of Robust and Nonlinear Control</i> , 2019, 29, 1499-1514.	2.1	75
40	H $\infty$ fault-tolerant control for switched linear parameter-varying systems: A parameter and state-dependent switching method with dwell time. <i>Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering</i> , 2019, 233, 18-30.	0.7	6
41	Smooth bumpless transfer for switched LPV systems and its application. <i>International Journal of Control</i> , 2019, 92, 1945-1958.	1.2	24
42	Feedback passification for switched LPV systems via a state and parameter-triggered switching with dwell time constraints. <i>Nonlinear Analysis: Hybrid Systems</i> , 2018, 29, 147-164.	2.1	19
43	Multiple model adaptive control for switched linear systems: A two-layer switching strategy. <i>International Journal of Robust and Nonlinear Control</i> , 2018, 28, 2276-2297.	2.1	12
44	Adaptive Neural Controller Design Scheme of Nonlinear Delayed Systems With Completely Unknown Nonlinearities and Non-Strict-Feedback Structure. <i>IEEE Access</i> , 2018, 6, 66418-66427.	2.6	10
45	Adaptive RBF Neural-Network-Based Design Strategy for Non-Strict-Feedback Nonlinear Systems by Using Integral Lyapunov Functions. <i>IEEE Access</i> , 2018, 6, 75076-75085.	2.6	7
46	Stabilization for Switched LPV Systems with Markovian Jump Parameters and Its Application. <i>Asian Journal of Control</i> , 2017, 19, 11-21.	1.9	7
47	Smooth output tracking control for a class of switched LPV systems and its application to an aero-engine model. <i>International Journal of Robust and Nonlinear Control</i> , 2017, 27, 2102-2120.	2.1	46
48	Guaranteed cost control for switched LPV systems via parameter and state-dependent switching with dwell time and its application. <i>Optimal Control Applications and Methods</i> , 2017, 38, 601-617.	1.3	14
49	Composite anti-disturbance control for switched systems via mixed state-dependent and time-driven switching. <i>IET Control Theory and Applications</i> , 2016, 10, 1981-1990.	1.2	25
50	Guaranteed cost control for LPV systems with Markovian switching under partially known transition rates. , 2016, , .		1
51	Observer-based resilient control for a class of switched LPV systems and its application. <i>International Journal of Systems Science</i> , 2016, 47, 3656-3667.	3.7	11
52	Robust Finite-Time Output Feedback $H_\infty$ Control for Stochastic Jump Systems with Incomplete Transition Rates. <i>Circuits, Systems, and Signal Processing</i> , 2015, 34, 1799-1824.	1.2	16
53	Robust resilient control for stochastic systems with Markovian jump parameters under partially known transition probabilities. <i>Optimal Control Applications and Methods</i> , 2014, 35, 539-558.	1.3	11
54	Robust finite-time $H_\infty$ control for Markovian jump systems with partially known transition probabilities. <i>Journal of the Franklin Institute</i> , 2013, 350, 1562-1578.	1.9	103

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