Ning Xu

List of Publications by Year
in descending order

36 papers	1,213 citations	430754 18 h-index	414303 32 g-index
36 all docs	36 docs citations	36 times ranked	555 citing authors

#	Article	IF	Citations
1	Small-Gain Technique-Based Adaptive Neural Output-Feedback Fault-Tolerant Control of Switched Nonlinear Systems With Unmodeled Dynamics. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 7051-7062.	5.9	117
2	Adaptive fault-tolerant control for switched nonlinear systems based on command filter technique. Applied Mathematics and Computation, 2021, 392, 125725.	1.4	90
3	Adaptive finite-time output-feedback control design for switched pure-feedback nonlinear systems with average dwell time. Nonlinear Analysis: Hybrid Systems, 2020, 37, 100908.	2.1	79
4	Observer-based adaptive fuzzy hierarchical sliding mode control of uncertain under-actuated switched nonlinear systems with input quantization. International Journal of Robust and Nonlinear Control, 2022, 32, 8163-8185.	2.1	75
5	Command Filter-Based Adaptive Neural Control Design for Nonstrict-Feedback Nonlinear Systems With Multiple Actuator Constraints. IEEE Transactions on Cybernetics, 2022, 52, 12561-12570.	6.2	68
6	Periodic event-triggered adaptive tracking control design for nonlinear discrete-time systems via reinforcement learning. Neural Networks, 2022, 154, 43-55.	3.3	68
7	Model-Based adaptive event-Triggered control of nonlinear continuous-Time systems. Applied Mathematics and Computation, 2021, 408, 126330.	1.4	66
8	Adaptive fuzzy hierarchical sliding mode control of uncertain under-actuated switched nonlinear systems with actuator faults. International Journal of Systems Science, 2021, 52, 1499-1514.	3.7	64
9	Single-network ADP for solving optimal event-triggered tracking control problem of completely unknown nonlinear systems. International Journal of Intelligent Systems, 2021, 36, 4795-4815.	3.3	62
10	Event-triggered adaptive tracking control for uncertain fractional-order nonstrict-feedback nonlinear systems via command filtering. International Journal of Robust and Nonlinear Control, 2022, 32, 7987-8011.	2.1	61
11	Switched-observer-based adaptive output-feedback control design with unknown gain for pure-feedback switched nonlinear systems via average dwell time. International Journal of Systems Science, 0, , 1-15.	3.7	60
12	Decentralized adaptive neural two-bit-triggered control for nonstrict-feedback nonlinear systems with actuator failures. Neurocomputing, 2022, 500, 856-867.	3.5	59
13	Hierarchical Sliding-Mode Surface-Based Adaptive Actor–Critic Optimal Control for Switched Nonlinear Systems With Unknown Perturbation. IEEE Transactions on Neural Networks and Learning Systems, 2024, 35, 1559-1571.	7.2	44
14	Data-driven-based event-triggered optimal control of unknown nonlinear systems with input constraints. Nonlinear Dynamics, 2022, 109, 891-909.	2.7	42
15	Small-gain technique-based adaptive fuzzy command filtered control for uncertain nonlinear systems with unmodeled dynamics and disturbances. International Journal of Adaptive Control and Signal Processing, 2021, 35, 1664-1684.	2.3	39
16	Adaptive control design for uncertain switched nonstrict-feedback nonlinear systems to achieve asymptotic tracking performance. Applied Mathematics and Computation, 2021, 408, 126344.	1.4	38
17	Event-Triggered Optimal Control for Discrete-Time Switched Nonlinear Systems With Constrained Control Input. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 7850-7859.	5.9	35
18	Adaptive Neural Self-Triggered Bipartite Fault-Tolerant Control for Nonlinear MASs With Dead-Zone Constraints. IEEE Transactions on Automation Science and Engineering, 2023, 20, 1663-1674.	3.4	35

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19	Event-trigger-based adaptive fuzzy hierarchical sliding mode control of uncertain under-actuated switched nonlinear systems. ISA Transactions, 2022, 124, 301-310.	3.1	23
20	Phosphovanadomolybdic acid catalyzed desulfurization–oxygenation of secondary and tertiary thioamides into amides using molecular oxygen as the terminal oxidant. New Journal of Chemistry, 2016, 40, 4865-4869.	1.4	14
21	Finite-time stabilization of continuous-time switched positive delayed systems. Journal of the Franklin Institute, 2022, 359, 255-271.	1.9	13
22	A new approach to stability analysis of switched systems composed of two subsystems with average dwell time switching. International Journal of Systems Science, 2020, 51, 1862-1872.	3.7	9
23	Stabilization of hybrid systems under state constraints. Nonlinear Analysis: Hybrid Systems, 2021, 40, 101015.	2.1	8
24	An event‐triggered integer‐mixed adaptive dynamic programming for switched nonlinear systems with bounded inputs. International Journal of Robust and Nonlinear Control, 2021, 31, 7280-7297.	2.1	8
25	Stability and $L_1 \times$ analysis of nonlinear positive Markov jump systems based on a switching transition probability. ISA Transactions, 2022, 121, 86-94.	3.1	6
26	Global stability at a limit cycle for switched multi‐valued logical networks. Asian Journal of Control, 2021, 23, 860-870.	1.9	5
27	Synchronization for non-uniform sampling networked rigid bodies. Neurocomputing, 2016, 173, 1761-1767.	3.5	4
28	H ∞ filtering of discrete‐time interconnected systems with failed interconnections. International Journal of Adaptive Control and Signal Processing, 2020, 34, 1726-1737.	2.3	4
29	New Results on Finite-Time Stability and Stabilization of Switched Positive Linear Time-Delay Systems. IEEE Access, 2020, 8, 4418-4427.	2.6	4
30	Output‐based event‐triggered control of networked systems subject to bilateral packet dropouts. Mathematical Methods in the Applied Sciences, 2022, 45, 5234-5248.	1.2	4
31	Backstepping-Based Controller Design for Uncertain Switched High-Order Nonlinear Systems via PI Compensation. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 7810-7820.	5.9	4
32	Set Stabilization and Optimal Control of Switched Multi-Valued Logical Control Networks With State-Dependent Switching Signals. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 1952-1956.	2.2	2
33	Quantized optimal output feedback control and optimal triggering signal co‐design for unknown discrete‐time nonlinear systems. Optimal Control Applications and Methods, 2022, 43, 962-978.	1.3	2
34	Adaptive tracking control of time‐varying delay switched nonstrict‐feedback nonlinear systems with unknown backlash‐like hysteresis. International Journal of Adaptive Control and Signal Processing, 0, , .	2.3	1
35	Decomposable dissipativity and stability analysis of hybrid systems. International Journal of Control, 0, , 1-0.	1.2	0
36	Exponential stability and hybrid L_2 analysis of hybrid systems via max functions. Nonlinear Analysis: Hybrid Systems, 2022, 46, 101245.	2.1	0