

Lijun Long

List of Publications by Year in descending order

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58
papers

1,825
citations

377584

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docs citations

58
times ranked

862
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic Event-Triggered Adaptive NN Control for Switched Uncertain Nonlinear Systems. IEEE Transactions on Cybernetics, 2023, 53, 988-999.	6.2	23
2	Safety-Critical Model Reference Adaptive Control of Switched Nonlinear Systems With Unsafe Subsystems: A State-Dependent Switching Approach. IEEE Transactions on Cybernetics, 2023, 53, 6353-6362.	6.2	2
3	Decentralized Dynamic Event-Triggered Adaptive Fuzzy Control for Switched Nonlinear Systems With Unstable Inverse Dynamics. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2023, 53, 357-368.	5.9	7
4	Asymptotic Stability With Guaranteed Safety for Switched Nonlinear Systems: A Multiple Barrier Functions Method. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 3581-3590.	5.9	0
5	Switched-Observer-Based Event-Triggered Adaptive Fuzzy Funnell Control for Switched Nonlinear Systems. IEEE Transactions on Fuzzy Systems, 2022, 30, 1773-1787.	6.5	40
6	Dynamic event-triggered fixed-time adaptive fuzzy control of nonstrict-feedback switched nonlinear systems. International Journal of Robust and Nonlinear Control, 2022, 32, 4072-4096.	2.1	10
7	Event-triggered adaptive NN control for MIMO switched nonlinear systems with non-ISpS unmodeled dynamics. Journal of the Franklin Institute, 2022, 359, 1457-1485.	1.9	2
8	Safety stabilization of switched systems with unstable subsystems. Control Theory and Technology, 2022, 20, 95-102.	1.0	3
9	Model reference safety-critical adaptive control for nonlinear and switched systems. International Journal of Adaptive Control and Signal Processing, 2022, 36, 999-1012.	2.3	1
10	Safety-critical dynamic event-triggered control of nonlinear systems. Systems and Control Letters, 2022, 162, 105176.	1.3	15
11	Synchronous vs asynchronous switching-based output-feedback control for switched nonlinear systems with measurement noise sensitivity. Systems and Control Letters, 2021, 152, 104935.	1.3	4
12	Event-triggered adaptive fuzzy decentralized control for switched nonlinear systems. , 2021, , .		2
13	Deadlock Avoidance and Solution Time Optimization for Discrete-Time Control Systems via Control Barrier Functions. , 2021, , .		2
14	Asymptotic Stability Analysis for Switched Systems under Spatio-temporal Specification. , 2021, , .		0
15	Safety-Critical Model Reference Adaptive Control of Switched Nonlinear Systems Under Arbitrary Switching. , 2021, , .		0
16	Robust adaptive control for switched nonlinearly parameterised systems with dynamic uncertainties. International Journal of Control, 2020, 93, 2838-2847.	1.2	5
17	Adaptive dynamic surface control of switched MIMO nonlinear systems with input saturation and its application to NSVs. Asian Journal of Control, 2020, 22, 2363-2376.	1.9	11
18	Global Stabilization of Switched Feedforward Nonlinear Time-Delay Systems Under Asynchronous Switching. IEEE Transactions on Circuits and Systems I: Regular Papers, 2020, 67, 711-724.	3.5	31

#	ARTICLE	IF	CITATIONS
19	State constraints-based adaptive neural network control for switched nonlinear systems with unmodeled dynamics. International Journal of Robust and Nonlinear Control, 2020, 30, 7835-7856.	2.1	5
20	Dwell-time-based event-triggered adaptive control for switched strict-feedback nonlinear systems. International Journal of Robust and Nonlinear Control, 2020, 30, 7052-7073.	2.1	14
21	State-dependent switching law design with guaranteed dwell time for switched nonlinear systems. International Journal of Robust and Nonlinear Control, 2020, 30, 3314-3331.	2.1	12
22	Decompositional Verification of Congestion Avoidance for Signalized Traffic Networks. , 2020, , .		0
23	Multiple Lyapunov functions-based adaptive neural network tracking control of uncertain switched nonlinear systems. International Journal of Robust and Nonlinear Control, 2019, 29, 4577-4593.	2.1	16
24	Linear output-feedback-based semi-global stabilization for switched nonlinear time-delay systems. Journal of the Franklin Institute, 2019, 356, 7224-7245.	1.9	10
25	A small-gain approach for adaptive output-feedback NN control of switched pure-feedback nonlinear systems. International Journal of Adaptive Control and Signal Processing, 2019, 33, 784-801.	2.3	9
26	Input/output-to-state stability for switched nonlinear systems with unstable subsystems. International Journal of Robust and Nonlinear Control, 2019, 29, 3093-3110.	2.1	11
27	Small-Gain Technique-Based Adaptive NN Control for Switched Pure-Feedback Nonlinear Systems. IEEE Transactions on Cybernetics, 2019, 49, 1873-1884.	6.2	53
28	Integral ISS for Switched Nonlinear Time-Varying Systems Using Indefinite Multiple Lyapunov Functions. IEEE Transactions on Automatic Control, 2019, 64, 404-411.	3.6	48
29	Global Disturbance Rejection of Switched Nonlinear Systems with Switched Internal Model. Journal of Systems Science and Complexity, 2018, 31, 161-172.	1.6	6
30	Full state constraints-based adaptive control for switched nonlinear pure-feedback systems. International Journal of Systems Science, 2018, 49, 3094-3107.	3.7	5
31	Decentralized Adaptive Neural Output-Feedback DSC for Switched Large-Scale Nonlinear Systems. IEEE Transactions on Cybernetics, 2017, 47, 908-919.	6.2	68
32	Adaptive control for a class of high-order switched nonlinearly parameterized systems. International Journal of Robust and Nonlinear Control, 2017, 27, 547-565.	2.1	21
33	Multiple Lyapunov Functions-Based Small-Gain Theorems for Switched Interconnected Nonlinear Systems. IEEE Transactions on Automatic Control, 2017, 62, 3943-3958.	3.6	148
34	Stabilization by forwarding design for switched feedforward systems with unstable modes. International Journal of Robust and Nonlinear Control, 2017, 27, 4808-4824.	2.1	10
35	Adaptive fuzzy output-feedback control for switched uncertain nonlinear systems. IET Control Theory and Applications, 2016, 10, 752-761.	1.2	22
36	Adaptive fuzzy output-feedback dynamic surface control of MIMO switched nonlinear systems with unknown gain signs. Fuzzy Sets and Systems, 2016, 302, 27-51.	1.6	29

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37	An Integral-Type Multiple Lyapunov Functions Approach for Switched Nonlinear Systems. IEEE Transactions on Automatic Control, 2016, 61, 1979-1986.	3.6	55
38	Practical output tracking of switched nonlinear systems in p -normal form with unstable subsystems. International Journal of Systems Science, 2016, 47, 2709-2721.	3.7	8
39	Boundedness properties of quasi-passive switched nonlinear systems. , 2015, , .		5
40	Global output-feedback stabilization for a class of switched uncertain nonlinear systems. Applied Mathematics and Computation, 2015, 256, 551-564.	1.4	21
41	Adaptive fuzzy tracking control of switched uncertain nonlinear systems with unstable subsystems. Fuzzy Sets and Systems, 2015, 273, 49-67.	1.6	88
42	Switched adaptive control of switched nonlinearly parameterized systems with unstable subsystems. Automatica, 2015, 54, 217-228.	3.0	125
43	Decentralized Adaptive Fuzzy Output-Feedback Control of Switched Large-Scale Nonlinear Systems. IEEE Transactions on Fuzzy Systems, 2015, 23, 1844-1860.	6.5	69
44	Adaptive Output-Feedback Neural Control of Switched Uncertain Nonlinear Systems With Average Dwell Time. IEEE Transactions on Neural Networks and Learning Systems, 2015, 26, 1350-1362.	7.2	238
45	Switched adaptive stabilization of switched nonlinearly parameterized cascade systems and its application to a two inverted pendulums. International Journal of Adaptive Control and Signal Processing, 2015, 29, 346-361.	2.3	11
46	Robust and decentralised output regulation of switched nonlinear systems with switched internal model. IET Control Theory and Applications, 2014, 8, 561-573.	1.2	19
47	Adaptive fuzzy output-feedback control of switched uncertain nonlinear systems. , 2014, , .		2
48	A Small-Gain Theorem for Switched Interconnected Nonlinear Systems and Its Applications. IEEE Transactions on Automatic Control, 2014, 59, 1082-1088.	3.6	112
49	Stabilization of state-constrained switched nonlinear systems in p -normal form. International Journal of Robust and Nonlinear Control, 2014, 24, 1550-1562.	2.1	38
50	Global stabilization of switched nonlinear systems in non-triangular form and its application. Journal of the Franklin Institute, 2014, 351, 1161-1178.	1.9	44
51	Adaptive disturbance rejection for strict-feedback switched nonlinear systems using multiple Lyapunov functions. International Journal of Robust and Nonlinear Control, 2014, 24, 1887-1902.	2.1	55
52	Global Robust Output Regulation for a Class of Switched Nonlinear Systems with Nonlinear Exosystems. Asian Journal of Control, 2014, 16, 1811-1819.	1.9	5
53	Output-feedback stabilisation for a class of switched nonlinear systems with unknown control coefficients. International Journal of Control, 2013, 86, 386-395.	1.2	36
54	Robust stabilisation of non-triangular multi-input switched nonlinear systems and its application to a continuously stirred tank reactor system. IET Control Theory and Applications, 2013, 7, 697-706.	1.2	7

#	ARTICLE	IF	CITATIONS
55	Control of Switched Nonlinear Systems in Normal Form Using Multiple Lyapunov Functions. IEEE Transactions on Automatic Control, 2012, 57, 1285-1291.	3.6	160
56	Global stabilisation of switched nonlinear systems in p -normal form with mixed odd and even powers. International Journal of Control, 2011, 84, 1612-1626.	1.2	38
57	Global stabilization for a class of switched nonlinear feedforward systems. Systems and Control Letters, 2011, 60, 734-738.	1.3	44
58	Model reference safety-critical adaptive control for a class of nonlinearly parameterized systems. Asian Journal of Control, 0, , .	1.9	0