

Lijun Long

List of Publications by Year in descending order

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58
papers

1,825
citations

331670

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265206

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all docs

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docs citations

58
times ranked

786
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	11.3	238
2	\mathcal{H}_∞ Control of Switched Nonlinear Systems in p -Normal Form Using Multiple Lyapunov Functions. IEEE Transactions on Automatic Control, 2012, 57, 1285-1291.	5.7	160
3	Multiple Lyapunov Functions-Based Small-Gain Theorems for Switched Interconnected Nonlinear Systems. IEEE Transactions on Automatic Control, 2017, 62, 3943-3958.	5.7	148
4	Switched adaptive control of switched nonlinearly parameterized systems with unstable subsystems. Automatica, 2015, 54, 217-228.	5.0	125
5	A Small-Gain Theorem for Switched Interconnected Nonlinear Systems and Its Applications. IEEE Transactions on Automatic Control, 2014, 59, 1082-1088.	5.7	112
6	Adaptive fuzzy tracking control of switched uncertain nonlinear systems with unstable subsystems. Fuzzy Sets and Systems, 2015, 273, 49-67.	2.7	88
7	Decentralized Adaptive Fuzzy Output-Feedback Control of Switched Large-Scale Nonlinear Systems. IEEE Transactions on Fuzzy Systems, 2015, 23, 1844-1860.	9.8	69
8	Decentralized Adaptive Neural Output-Feedback DSC for Switched Large-Scale Nonlinear Systems. IEEE Transactions on Cybernetics, 2017, 47, 908-919.	9.5	68
9	Adaptive disturbance rejection for strict-feedback switched nonlinear systems using multiple Lyapunov functions. International Journal of Robust and Nonlinear Control, 2014, 24, 1887-1902.	3.7	55
10	An Integral-Type Multiple Lyapunov Functions Approach for Switched Nonlinear Systems. IEEE Transactions on Automatic Control, 2016, 61, 1979-1986.	5.7	55
11	Small-Gain Technique-Based Adaptive NN Control for Switched Pure-Feedback Nonlinear Systems. IEEE Transactions on Cybernetics, 2019, 49, 1873-1884.	9.5	53
12	Integral ISS for Switched Nonlinear Time-Varying Systems Using Indefinite Multiple Lyapunov Functions. IEEE Transactions on Automatic Control, 2019, 64, 404-411.	5.7	48
13	Global stabilization for a class of switched nonlinear feedforward systems. Systems and Control Letters, 2011, 60, 734-738.	2.3	44
14	Global stabilization of switched nonlinear systems in non-triangular form and its application. Journal of the Franklin Institute, 2014, 351, 1161-1178.	3.4	44
15	Switched-Observer-Based Event-Triggered Adaptive Fuzzy Funnel Control for Switched Nonlinear Systems. IEEE Transactions on Fuzzy Systems, 2022, 30, 1773-1787.	9.8	40
16	Global stabilisation of switched nonlinear systems in p -normal form with mixed odd and even powers. International Journal of Control, 2011, 84, 1612-1626.	1.9	38
17	Stabilization of state-constrained switched nonlinear systems in p -normal form. International Journal of Robust and Nonlinear Control, 2014, 24, 1550-1562.	3.7	38
18	Output-feedback stabilisation for a class of switched nonlinear systems with unknown control coefficients. International Journal of Control, 2013, 86, 386-395.	1.9	36

#	ARTICLE	IF	CITATIONS
19	Global Stabilization of Switched Feedforward Nonlinear Time-Delay Systems Under Asynchronous Switching. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2020, 67, 711-724.	5.4	31
20	Adaptive fuzzy output-feedback dynamic surface control of MIMO switched nonlinear systems with unknown gain signs. <i>Fuzzy Sets and Systems</i> , 2016, 302, 27-51.	2.7	29
21	Dynamic Event-Triggered Adaptive NN Control for Switched Uncertain Nonlinear Systems. <i>IEEE Transactions on Cybernetics</i> , 2023, 53, 988-999.	9.5	23
22	Adaptive fuzzy output-feedback control for switched uncertain nonlinear systems. <i>IET Control Theory and Applications</i> , 2016, 10, 752-761.	2.1	22
23	Global output-feedback stabilization for a class of switched uncertain nonlinear systems. <i>Applied Mathematics and Computation</i> , 2015, 256, 551-564.	2.2	21
24	Adaptive control for a class of high-order switched nonlinearly parameterized systems. <i>International Journal of Robust and Nonlinear Control</i> , 2017, 27, 547-565.	3.7	21
25	Robust and decentralised output regulation of switched nonlinear systems with switched internal model. <i>IET Control Theory and Applications</i> , 2014, 8, 561-573.	2.1	19
26	Multiple Lyapunov functions-based adaptive neural network tracking control of uncertain switched nonlinear systems. <i>International Journal of Robust and Nonlinear Control</i> , 2019, 29, 4577-4593.	3.7	16
27	Safety-critical dynamic event-triggered control of nonlinear systems. <i>Systems and Control Letters</i> , 2022, 162, 105176.	2.3	15
28	Dwell-time-based event-triggered adaptive control for switched strict-feedback nonlinear systems. <i>International Journal of Robust and Nonlinear Control</i> , 2020, 30, 7052-7073.	3.7	14
29	State-dependent switching law design with guaranteed dwell time for switched nonlinear systems. <i>International Journal of Robust and Nonlinear Control</i> , 2020, 30, 3314-3331.	3.7	12
30	Switched adaptive stabilization of switched nonlinearly parameterized cascade systems and its application to a two inverted pendulums. <i>International Journal of Adaptive Control and Signal Processing</i> , 2015, 29, 346-361.	4.1	11
31	Input/output-to-state stability for switched nonlinear systems with unstable subsystems. <i>International Journal of Robust and Nonlinear Control</i> , 2019, 29, 3093-3110.	3.7	11
32	Adaptive dynamic surface control of switched MIMO nonlinear systems with input saturation and its application to NSVs. <i>Asian Journal of Control</i> , 2020, 22, 2363-2376.	3.0	11
33	Stabilization by forwarding design for switched feedforward systems with unstable modes. <i>International Journal of Robust and Nonlinear Control</i> , 2017, 27, 4808-4824.	3.7	10
34	Linear output-feedback-based semi-global stabilization for switched nonlinear time-delay systems. <i>Journal of the Franklin Institute</i> , 2019, 356, 7224-7245.	3.4	10
35	Dynamic event-triggered fixed-time adaptive fuzzy control of nonstrict-feedback switched nonlinear systems. <i>International Journal of Robust and Nonlinear Control</i> , 2022, 32, 4072-4096.	3.7	10
36	A small-gain approach for adaptive output-feedback NN control of switched pure-feedback nonlinear systems. <i>International Journal of Adaptive Control and Signal Processing</i> , 2019, 33, 784-801.	4.1	9

#	ARTICLE	IF	CITATIONS
37	Practical output tracking of switched nonlinear systems in normal form with unstable subsystems. <i>International Journal of Systems Science</i> , 2016, 47, 2709-2721.	5.5	8
38	Robust stabilisation of nontriangular multiinput switched nonlinear systems and its application to a continuously stirred tank reactor system. <i>IET Control Theory and Applications</i> , 2013, 7, 697-706.	2.1	7
39	Decentralized Dynamic Event-Triggered Adaptive Fuzzy Control for Switched Nonlinear Systems With Unstable Inverse Dynamics. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2023, 53, 357-368.	9.3	7
40	Global Disturbance Rejection of Switched Nonlinear Systems with Switched Internal Model. <i>Journal of Systems Science and Complexity</i> , 2018, 31, 161-172.	2.8	6
41	Global Robust Output Regulation for a Class of Switched Nonlinear Systems with Nonlinear Exosystems. <i>Asian Journal of Control</i> , 2014, 16, 1811-1819.	3.0	5
42	Boundedness properties of quasi-passive switched nonlinear systems. , 2015, , .		5
43	Full state constraints-based adaptive control for switched nonlinear pure-feedback systems. <i>International Journal of Systems Science</i> , 2018, 49, 3094-3107.	5.5	5
44	Robust adaptive control for switched nonlinearly parameterised systems with dynamic uncertainties. <i>International Journal of Control</i> , 2020, 93, 2838-2847.	1.9	5
45	State constraints-based adaptive neural network control for switched nonlinear systems with unmodeled dynamics. <i>International Journal of Robust and Nonlinear Control</i> , 2020, 30, 7835-7856.	3.7	5
46	Synchronous vs asynchronous switching-based output-feedback control for switched nonlinear systems with measurement noise sensitivity. <i>Systems and Control Letters</i> , 2021, 152, 104935.	2.3	4
47	Safety stabilization of switched systems with unstable subsystems. <i>Control Theory and Technology</i> , 2022, 20, 95-102.	1.6	3
48	Adaptive fuzzy output-feedback control of switched uncertain nonlinear systems. , 2014, , .		2
49	Event-triggered adaptive fuzzy decentralized control for switched nonlinear systems. , 2021, , .		2
50	Deadlock Avoidance and Solution Time Optimization for Discrete-Time Control Systems via Control Barrier Functions. , 2021, , .		2
51	Event-triggered adaptive NN control for MIMO switched nonlinear systems with non-ISpS unmodeled dynamics. <i>Journal of the Franklin Institute</i> , 2022, 359, 1457-1485.	3.4	2
52	Safety-Critical Model Reference Adaptive Control of Switched Nonlinear Systems With Unsafe Subsystems: A State-Dependent Switching Approach. <i>IEEE Transactions on Cybernetics</i> , 2023, 53, 6353-6362.	9.5	2
53	Model reference safety-critical adaptive control for nonlinear and switched systems. <i>International Journal of Adaptive Control and Signal Processing</i> , 2022, 36, 999-1012.	4.1	1
54	Asymptotic Stability With Guaranteed Safety for Switched Nonlinear Systems: A Multiple Barrier Functions Method. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2022, 52, 3581-3590.	9.3	0

#	ARTICLE	IF	CITATIONS
55	Asymptotic Stability Analysis for Switched Systems under Spatio-temporal Specification. , 2021, , .		0
56	Safety-Critical Model Reference Adaptive Control of Switched Nonlinear Systems Under Arbitrary Switching. , 2021, , .		0
57	Model reference safety-critical adaptive control for a class of nonlinearly parameterized systems. Asian Journal of Control, 0, , .	3.0	0
58	Decompositional Verification of Congestion Avoidance for Signalized Traffic Networks. , 2020, , .		0