

# Liang Liu

## List of Publications by Year in descending order

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49  
papers

1,187  
citations

471509

17  
h-index

377865

34  
g-index

49  
all docs

49  
docs citations

49  
times ranked

685  
citing authors

#	ARTICLE	IF	CITATIONS
1	Parameter-dependent controller design of stochastic strict feedforward nonlinear systems. Journal of the Franklin Institute, 2021, 358, 8929-8942.	3.4	2
2	Diagnose Lung Cancer and Human-Machine Interaction Based on CNN and NLP. , 2021, , .		1
3	Robust Design Strategy of Quantized Feedback Control. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 730-734.	3.0	49
4	From Coreâ€“Shell to Yolkâ€“Shell: Improved Catalytic Performance toward CoFe <sub>2</sub> O <sub>4</sub> @ Hollow@ Mesoporous TiO <sub>2</sub> toward Selective Oxidation of Styrene. Industrial & Engineering Chemistry Research, 2020, 59, 19938-19951.	3.7	21
5	Robust Tracking Control of Robot Manipulators With Actuator Faults and Joint Velocity Measurement Uncertainty. IEEE/ASME Transactions on Mechatronics, 2020, 25, 1354-1365.	5.8	88
6	Observer-based decentralized control of large-scale stochastic high-order feedforward systems with multi time delays. Journal of the Franklin Institute, 2019, 356, 9627-9645.	3.4	12
7	Attitude Tracking Control of 3-DOF Helicopter Based on Disturbance Observer. , 2019, , .		1
8	Decentralized Control of Large-Scale Stochastic High-Order Upper-Triangular Time-Delay Systems. , 2019, , .		0
9	Decentralized Output Feedback Control of Large-Scale Stochastic High-Order Feedforward Time-Delay Systems. , 2019, , .		0
10	A General Tracking Control Framework for Uncertain Systems With Exponential Convergence Performance. IEEE/ASME Transactions on Mechatronics, 2018, 23, 111-120.	5.8	19
11	Decentralized State Feedback Control for Large-Scale Stochastic High-Order Nonlinear Time-Delay Systems. , 2018, , .		0
12	Output-feedback stabilization of stochastic upper-triangular time-delay systems. , 2018, , .		0
13	State Feedback Control of Upper-triangular Stochastic Time-delay Systems. , 2018, , .		0
14	Further results on output-feedback stabilization of stochastic upper-triangular systems with state and input time-delays. Transactions of the Institute of Measurement and Control, 2018, 40, 2408-2415.	1.7	3
15	Finite-time output feedback control for a class of stochastic low-order nonlinear systems. International Journal of Control, 2017, 90, 1457-1465.	1.9	21
16	Continuous outputâ€“feedback control for a class of switched highâ€“order planar systems and its application. International Journal of Robust and Nonlinear Control, 2017, 27, 4323-4332.	3.7	7
17	New results on the fourth moment exponentially stable for a class of stochastic nonlinear systems and its application. Nonlinear Dynamics, 2017, 89, 1279-1287.	5.2	3
18	Decentralized adaptive approximation-based fuzzy output-feedback control of uncertain switched stochastic interconnected nonlinear systems. Journal of the Franklin Institute, 2017, 354, 7306-7325.	3.4	15

#	ARTICLE	IF	CITATIONS
19	Decentralised output-feedback control for a class of large-scale stochastic high-order upper-triangular nonlinear systems. <i>International Journal of Systems Science</i> , 2017, 48, 838-848.	5.5	12
20	Global stabilisation for a class of switched high-order stochastic nonlinear systems. <i>International Journal of Control</i> , 2017, 90, 1916-1924.	1.9	13
21	Improved Results on Asymptotic Stabilization for Stochastic Nonlinear Time-Delay Systems With Application to a Chemical Reactor System. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2017, 47, 195-204.	9.3	77
22	Global Asymptotic Output Feedback Stabilization for a Class of Stochastic High-Order Planar Systems. <i>Circuits, Systems, and Signal Processing</i> , 2017, 36, 2959-2970.	2.0	1
23	Asymptotic stabilization of stochastic high-order upper-triangular nonlinear systems with input time-varying delay. <i>Transactions of the Institute of Measurement and Control</i> , 2017, 39, 1898-1905.	1.7	5
24	Global stabilization of stochastic time delay systems. , 2017, , .		0
25	The 4th moment exponentially stable of stochastic nonlinear systems. , 2017, , .		0
26	Direct adaptive neural control of nonlinear strict-feedback systems with unmodeled dynamics using small-gain approach. <i>International Journal of Adaptive Control and Signal Processing</i> , 2016, 30, 906-927.	4.1	18
27	Global output feedback control for a class of switched high-order planar systems. , 2016, , .		0
28	Global decentralized output-feedback stabilization of large-scale stochastic high-order nonlinear systems with multi-delays. <i>Journal of the Franklin Institute</i> , 2016, 353, 3944-3965.	3.4	8
29	Global state-feedback control for a class of high-order stochastic upper-triangular systems with input time-varying delay. , 2016, , .		0
30	Global Stabilization for a Class of Stochastic High-Order Feedforward Nonlinear Systems Via Homogeneous Domination Approach. <i>Circuits, Systems, and Signal Processing</i> , 2016, 35, 2723-2740.	2.0	6
31	Global asymptotic stabilization of stochastic feedforward nonlinear systems with input time-delay. <i>Nonlinear Dynamics</i> , 2016, 83, 1503-1510.	5.2	26
32	Global output-feedback stabilisation of switched stochastic nonlinear time-delay systems under arbitrary switchings. <i>IET Control Theory and Applications</i> , 2015, 9, 283-292.	2.1	36
33	Output feedback stabilization for stochastic high-order nonlinear systems with SISS-like inverse dynamic. <i>Journal of the Franklin Institute</i> , 2015, 352, 5897-5914.	3.4	9
34	Global output feedback stabilisation for a class of stochastic feedforward nonlinear systems with state time delay. <i>IET Control Theory and Applications</i> , 2015, 9, 963-971.	2.1	24
35	Output feedback control of a class of switched stochastic nonlinear time-delay systems. , 2015, , .		0
36	Output feedback design for stochastic feedforward nonlinear time-delay systems. , 2015, , .		0

#	ARTICLE	IF	CITATIONS
37	Adaptive partial-state feedback control for stochastic high-order nonlinear systems with stochastic input-to-state stable inverse dynamics. <i>Automatica</i> , 2015, 51, 285-291.	5.0	66
38	State-feedback stabilization of stochastic feedforward nonlinear time-delay systems. , 2014, , .		0
39	A Homogeneous Domination Approach to State Feedback of Stochastic High-Order Nonlinear Systems With Time-Varying Delay. <i>IEEE Transactions on Automatic Control</i> , 2013, 58, 494-499.	5.7	132
40	State feedback stabilization for stochastic feedforward nonlinear systems with time-varying delay. <i>Automatica</i> , 2013, 49, 936-942.	5.0	121
41	State-Feedback Stabilization for a Class of Stochastic Feedforward Nonlinear Time-Delay Systems. <i>Abstract and Applied Analysis</i> , 2013, 2013, 1-8.	0.7	1
42	State Feedback Control for Stochastic Feedforward Nonlinear Systems. <i>Mathematical Problems in Engineering</i> , 2013, 2013, 1-6.	1.1	1
43	Output feedback control for high-order stochastic nonlinear time-delay systems. , 2012, , .		0
44	Further results on output feedback stabilization for stochastic high-order nonlinear systems with time-varying delay. <i>Automatica</i> , 2012, 48, 2577-2586.	5.0	111
45	State-feedback stabilization for stochastic high-order nonlinear systems with SISS inverse dynamics. <i>Asian Journal of Control</i> , 2012, 14, 207-216.	3.0	38
46	Output-feedback stabilization for stochastic high-order nonlinear systems with time-varying delay. <i>Automatica</i> , 2011, 47, 2772-2779.	5.0	161
47	Decentralized adaptive stabilization for interconnected systems with dynamic input-output and nonlinear interactions. <i>Automatica</i> , 2010, 46, 1060-1067.	5.0	42
48	Output-feedback Stabilization for Stochastic High-order Nonlinear Systems with a Ratio of Odd Integers Power. <i>Zidonghua Xuebao/Acta Automatica Sinica</i> , 2010, 36, 858-864.	1.5	19
49	Output-feedback Stabilization for Stochastic High-order Nonlinear Systems with a Ratio of Odd Integers Power. <i>Zidonghua Xuebao/Acta Automatica Sinica</i> , 2010, 36, 858-864.	0.3	18