Hongqian Lu

List of Publications by Year
in descending order

45 papers	169 citations	1163117 8 h-index	1199594 12 g-index
45 all docs	45 docs citations	45 times ranked	142 citing authors

#	Article	IF	Citations
1	Delay‐dependent robust control for singular discrete‐time Markovian jump systems with time‐varying delay. International Journal of Robust and Nonlinear Control, 2010, 20, 1112-1128.	3.7	24
2	Cluster synchronization for a class of complex dynamical network system with randomly occurring coupling delays via an improved event-triggered pinning control approach. Journal of the Franklin Institute, 2020, 357, 2167-2184.	3.4	19
3	Security event-triggered control for Markovian jump neural networks against actuator saturation and hybrid cyber attacks. Journal of the Franklin Institute, 2021, 358, 7096-7118.	3.4	18
4	Delay‐dependent robust H_∞ control for uncertain singular time‐delay system with Markovian jumping parameters. Optimal Control Applications and Methods, 2013, 34, 296-307.	2.1	16
5	Time-Delay Dependent H_∞ Model Reduction for Uncertain Stochastic Systems: Continuous-Time Case. Circuits, Systems, and Signal Processing, 2011, 30, 941-961.	2.0	13
6	Time‐delay dependent H_∞ model simplification for singular systems with Markovian jumping parameters. Optimal Control Applications and Methods, 2011, 32, 379-395.	2.1	10
7	Event-Triggered H_∞ Filtering for Networked Systems Under Hybrid Probability Deception Attacks. IEEE Access, 2020, 8, 192030-192040.	4.2	9
8	Adaptive event‐triggered H_∞ state estimation of semi‐Markovian jump neural networks with randomly occurred sensor nonlinearity. International Journal of Robust and Nonlinear Control, 2022, 32, 6623-6646.	3.7	8
9	Event-Triggered Stability Analysis of Semi-Markovian Jump Networked Control System with Actuator Faults and Time-Varying Delay via Bessel–Legendre Inequalities. Complexity, 2019, 2019, 1-16.	1.6	7
10	Adaptive Finite-Time Synchronization of Neutral Type Dynamical Network with Double Derivative Coupling. Neural Processing Letters, 2018, 48, 1175-1186.	3.2	6
11	Security Event-Triggered Filtering for Delayed Neural Networks Under Denial-of-Service Attack and Randomly Occurring Deception Attacks. Neural Processing Letters, 2022, 54, 5273-5298.	3.2	5
12	Delay-dependent robust h-infinity control for uncertain stochastic systems with state delay and parameter uncertainties. , 2008, , .		4
13	Robust H_{∞} Control of Lurie Nonlinear Stochastic Network Control Systems With Multiple Additive Time-Varying Delay Components. IEEE Access, 2019, 7, 3390-3405.	4.2	4
14	Hybrid-driven-based H_∞ filtering for networked systems under randomly occurring deception attacks. Journal of the Franklin Institute, 2022, 359, 6544-6566.	3.4	4
15	State Estimation-Based Event-Triggered H_∞ Control for Multi-Delay Stochastic Network Control System. IEEE Access, 2018, 6, 74091-74103.	4.2	3
16	Synchronization of Complex Dynamic Network under One-Sided Lipschitz Nonlinear Condition. , 2019, , .		3
17	Improved Distributed Event-Triggered Control for Networked Control System under Random Cyberattacks via Bessel–Legendre Inequalities. Complexity, 2020, 2020, 1-14.	1.6	3
18	Adaptive event-triggered state estimation for complex networks with nonlinearities against hybrid attacks. AIMS Mathematics, 2022, 7, 2858-2877.	1.6	3

#	Article	IF	Citations
19	Adaptive Event-Triggered Hâˇž Control for Networked Control Systems With Actuator Saturation and Random Nonlinearities. IEEE Access, 2020, 8, 220723-220733.	4.2	2
20	Adaptive Event-Triggered Synchronization of Networked Neural Networks with Time-Varying Delay Subject to Actuator Saturation. Complexity, 2021, 2021, 1-14.	1.6	2
21	Eventâ€triggered H control for Markov jump delayed neural networks with redundant channels. Optimal Control Applications and Methods, 2022, 43, 804-824.	2.1	2
22	Delay-range-dependent admissibility analysis for singular systems with time-varying delay and markovian jumping parameters. , 2014, , .		1
23	New Stability Criteria for Event-Triggered Nonlinear Networked Control System with Time Delay. Complexity, 2019, 2019, 1-13.	1.6	1
24	Analysis and Design of 3D Printing Equipment for Removable Site Buildings. , 2019, , .		1
25	Event-triggered pinning synchronization of stochastic complex dynamical networks. , 2019, , .		1
26	Model reduction for uncertain stochastic systems. , 2010, , .		0
27	Stabilization for singular nonlinear system with time delay and Markovian jumping parameters. , 2014, , .		0
28	Delay_dependent Hâˇž stochastic stability analysis for stochastic nonlinear delay hybrid singular system with time delay. , 2017, , .		0
29	Robust <tex>$Hinfty$</tex> Stability Analysis of Nonlinear Stochastic Network Control Systems with Time-Varying Delay. , 2018, , .		0
30	Robust Stability for Nonlinear Fuzzy Network Control Systems with Time Varying Delay. , 2018, , .		0
31	Robust Stability of Lurie Nonlinear Discrete System with Time-Varying Delay via Scaled Small Gain Theorem. , 2018, , .		0
32	Robust Hâˇž Stability for Lurie Nonlinear Stochastic Network Control Systems with Time-Varying Delay. , 2018, , .		0
33	Stability and Hâˇž Performance of Nonlinear Fuzzy Network Control Systems with Time Varying-Delay. , 2018, , .		0
34	Model Analysis and Design of 3D Printing Control System Based on Cement Components. , 2019, , .		0
35	Design and Implementation of Intelligent Window Control System Based on Multi-sensor Fusion. , 2019, , .		0
36	Design and Control of Movable Cement 3D Printing System. , 2019, , .		0

#	Article	IF	Citations
37	Application design of 3D printing technology in the field of Architecture. , 2019, , .		0
38	New results on state estimation and stability analysis based H_∞ control for multi-delay hybrid stochastic neural network. International Journal of Systems Science, 2020, 51, 334-347.	5.5	0
39	Analysis and design for 3D printing control system based on cement component. , 2020, , .		0
40	Novel Delay Partitioning Method for Global Exponential Stability of Generalized Neural Networks. , 2020, , .		0
41	On Autocad Data Extraction Algorithm Based on 3D Printing Technology in Construction Industry. , 2021, , .		0
42	A Novel Stability Criterion for Nonlinear Networked Control Systems using an Improved Triple-integral Inequality. , 2021, , .		0
43	Robust Stability Criteria of the Nonlinear Fuzzy System with Two Additive Time-varying Delay Components. , 2020, , .		0
44	Stability Analysis of Event- Triggered Delayed Networked Control Systems. , 2021, , .		0
45	Improved event-triggered finite-time H_∞ control for neural networks subject to mixed-type communication attacks. International Journal of Control, 2023, 96, 2068-2079.	1.9	0