

# Jin Zhang

## List of Publications by Year in descending order

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31  
papers

1,214  
citations

567281

15  
h-index

552781

26  
g-index

31  
all docs

31  
docs citations

31  
times ranked

984  
citing authors

#	ARTICLE	IF	CITATIONS
1	Adaptive Event-Triggering $H_{\infty}$ Load Frequency Control for Network-Based Power Systems. IEEE Transactions on Industrial Electronics, 2018, 65, 1685-1694.	7.9	295
2	Delay-Distribution-Dependent Load Frequency Control of Power Systems With Probabilistic Interval Delays. IEEE Transactions on Power Systems, 2016, 31, 3309-3317.	6.5	149
3	Consensus of Multiagent Systems With Nonlinear Dynamics Using an Integrated Sampled-Data-Based Event-Triggered Communication Scheme. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 589-599.	9.3	147
4	Event-triggered output feedback $H_{\infty}$ control for networked control systems with time-varying sampling. IET Control Theory and Applications, 2015, 9, 1384-1391.	2.1	128
5	Event-triggered $H_{\infty}$ filtering for networked Takagi-Sugeno fuzzy systems with asynchronous constraints. IET Signal Processing, 2015, 9, 403-411.	1.5	80
6	Output Feedback Stabilization of Networked Control Systems Under a Stochastic Scheduling Protocol. IEEE Transactions on Cybernetics, 2020, 50, 2851-2860.	9.5	49
7	Output feedback control of networked systems with a stochastic communication protocol. Journal of the Franklin Institute, 2017, 354, 3838-3853.	3.4	41
8	Event-triggered finite-time $H_{\infty}$ filtering for networked systems under deception attacks. Journal of the Franklin Institute, 2020, 357, 3792-3808.	3.4	41
9	Networked $H_{\infty}$ control for networked systems under a weighted TOD protocol. Automatica, 2019, 107, 333-341.	5.0	30
10	Averaging of linear systems with almost periodic coefficients: A time-delay approach. Automatica, 2020, 122, 109287.	5.0	37
11	Guaranteed Cost Control of Uncertain Networked Control Systems With a Hybrid Communication Scheme. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 3126-3135.	9.3	33
12	Guaranteed cost control of hybrid-triggered networked systems with stochastic cyber-attacks. ISA Transactions, 2020, 104, 84-92.	5.7	27
13	Control of Discrete-Time Stochastic Systems With Packet Loss by Event-Triggered Approach. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 755-764.	9.3	27
14	Dynamic Event-Triggered Control of Networked Stochastic Systems With Scheduling Protocols. IEEE Transactions on Automatic Control, 2021, 66, 6139-6147.	5.7	26
15	$L_2$ analysis via time-delay approach to periodic averaging with stochastic extension. Automatica, 2022, 137, 110126.	5.0	20
16	Security control of networked systems with deception attacks and packet dropouts: A discrete-time approach. Journal of the Franklin Institute, 2021, 358, 8193-8206.	3.4	16
17	A discretization approach to sampled-data stabilization of networked systems with successive packet losses. International Journal of Robust and Nonlinear Control, 2021, 31, 4589-4601.	3.7	15
18	Improved Stability and Stabilization Criteria for Uncertain S Fuzzy Systems with Interval Time-Varying Delay via Discrete Wirtinger-Based Inequality. International Journal of Fuzzy Systems, 2016, 18, 784-791.	4.0	9

#	ARTICLE	IF	CITATIONS
19	Improved derivative-dependent control of stochastic systems via delayed feedback implementation. Automatica, 2020, 119, 109101.	5.0	7
20	A behavioural dynamic model for constant power loads in single-phase AC systems. Automatica, 2021, 131, 109744.	5.0	6
21	Digital Implementation of Derivative-Dependent Control by Using Delays for Stochastic Multiagents. IEEE Transactions on Automatic Control, 2022, 67, 351-358.	5.7	6
22	Sampled-data implementation of extended PID control using delays. International Journal of Robust and Nonlinear Control, 2022, 32, 9610-9624.	3.7	5
23	Derivative-dependent control of stochastic systems via delayed feedback implementation. , 2019, , .		3
24	A time-delay approach to vibrational control with square wave dithers. IFAC-PapersOnLine, 2021, 54, 35-40.	0.9	3
25	Networked control of stochastic systems with scheduling protocols. , 2019, , .		2
26	Delayed stabilization of parabolic PDEs via augmented Lyapunov functionals and Legendre polynomials. Systems and Control Letters, 2021, 156, 105003.	2.3	2
27	Improved observer design for heat equation with constant measurement delay via Legendre polynomials. , 2020, , .		1
28	Using delays for digital implementation of derivative-dependent control of stochastic multi-agents. IFAC-PapersOnLine, 2020, 53, 3602-3607.	0.9	1
29	Stability analysis by averaging: a time-delay approach. IFAC-PapersOnLine, 2020, 53, 4833-4837.	0.9	1
30	Quantization control of networked interconnected control systems with decentralized event-triggered scheme. , 2018, , .		0
31	A Honeypot-based Attack Detection Method for Networked Inverted Pendulum System. , 2021, , .		0