

Hong Lin

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

33 papers	1,980 citations	16 h-index	38 g-index
38 ext. papers	2,338 ext. citations	4.8 avg, IF	5.41 L-index

#	Paper	IF	Citations
33	State estimation for systems with unobservable packet losses: Approximate estimation, stability, and performance analysis. <i>International Journal of Robust and Nonlinear Control</i> , 2022 , 32, 545	3.6	
32	On Stability and Performance of Optimal Linear Filter over Gilbert-Elliott Channels with Unobservable Packet Losses. <i>IEEE Transactions on Control of Network Systems</i> , 2021 , 1-1	4	
31	Centralized fusion estimation over wireless sensor-actuator networks with unobservable packet dropouts. <i>Journal of the Franklin Institute</i> , 2021 , 359, 1569-1569	4	0
30	Optimal filter design for cyber-physical systems under stealthy hybrid attacks. <i>International Journal of Robust and Nonlinear Control</i> , 2021 , 31, 1340-1357	3.6	2
29	State estimation of CPSs with deception attacks: Stability analysis and approximate computation. <i>Neurocomputing</i> , 2021 , 423, 318-326	5.4	6
28	Secure state estimation for systems under mixed cyber-attacks: Security and performance analysis. <i>Information Sciences</i> , 2021 , 546, 943-960	7.7	9
27	. <i>IEEE Transactions on Automatic Control</i> , 2021 , 1-1	5.9	2
26	Approximate solution to optimal linear quadratic Gaussian control over non-acknowledgment networks. <i>Journal of the Franklin Institute</i> , 2020 , 357, 2049-2066	4	
25	Necessary and Sufficient Conditions on Negative Imaginariness for Interval SISO Transfer Functions and Their Interconnection. <i>IEEE Transactions on Automatic Control</i> , 2020 , 65, 4362-4368	5.9	3
24	Nonfragile and Nonsynchronous Synthesis of Reachable Set for Bernoulli Switched Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 726-731	7.3	8
23	Asynchronous Control of Continuous-Time Nonlinear Markov Jump Systems Subject to Strict Dissipativity. <i>IEEE Transactions on Automatic Control</i> , 2019 , 64, 1250-1256	5.9	65
22	. <i>IEEE Transactions on Automatic Control</i> , 2019 , 64, 928-943	5.9	21
21	State estimation over non-acknowledgment networks with Markovian packet dropouts. <i>Automatica</i> , 2019 , 109, 108484	5.7	12
20	Distributed event-triggered control for networked control systems with stochastic cyber-attacks. <i>Journal of the Franklin Institute</i> , 2019 , 356, 10260-10276	4	59
19	Asynchronous and Resilient Filtering for Markovian Jump Neural Networks Subject to Extended Dissipativity. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 2504-2513	10.2	97
18	Event-Triggered Output Feedback Control for a Class of Uncertain Nonlinear Systems. <i>IEEE Transactions on Automatic Control</i> , 2019 , 64, 290-297	5.9	135
17	Asynchronous Dissipative Control for Fuzzy Markov Jump Systems. <i>IEEE Transactions on Cybernetics</i> , 2018 , 48, 2426-2436	10.2	103

16	On stability and convergence of optimal estimation for networked control systems with dual packet losses without acknowledgment. <i>Automatica</i> , 2018 , 90, 81-90	5.7	28
15	. <i>IEEE Transactions on Automatic Control</i> , 2017 , 62, 4564-4579	5.9	28
14	Passivity-Based Asynchronous Control for Markov Jump Systems. <i>IEEE Transactions on Automatic Control</i> , 2017 , 62, 2020-2025	5.9	321
13	Reachable Set Estimation for Markovian Jump Neural Networks With Time-Varying Delays. <i>IEEE Transactions on Cybernetics</i> , 2017 , 47, 3208-3217	10.2	51
12	Estimation and LQG Control Over Unreliable Network With Acknowledgment Randomly Lost. <i>IEEE Transactions on Cybernetics</i> , 2017 , 47, 4074-4085	10.2	16
11	Estimation and Control for Networked Systems with Packet Losses without Acknowledgement. <i>Studies in Systems, Decision and Control</i> , 2017 ,	0.8	4
10	Estimation and Control for Quasi-TCP-Like Systems. <i>Studies in Systems, Decision and Control</i> , 2017 , 133-160		
9	Linear Quadratic Gaussian Control for UDP-Like Systems. <i>Studies in Systems, Decision and Control</i> , 2017 , 89-111	0.8	
8	Optimal Estimation in UDP-Like Networked Control Systems With Intermittent Inputs: Stability Analysis and Suboptimal Filter Design. <i>IEEE Transactions on Automatic Control</i> , 2016 , 61, 1794-1809	5.9	104
7	LQG control for networked control systems over packet drop links without packet acknowledgment. <i>Journal of the Franklin Institute</i> , 2015 , 352, 5042-5060	4	22
6	Adaptive synchronization for neutral-type neural networks with stochastic perturbation and Markovian switching parameters. <i>IEEE Transactions on Cybernetics</i> , 2014 , 44, 2848-60	10.2	89
5	Optimal Estimation for Networked Control Systems with Intermittent Inputs without Acknowledgement. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2014 , 47, 5017-5022		8
4	Fast filtering algorithm for state estimation of lossy networks. <i>IET Control Theory and Applications</i> , 2014 , 8, 2316-2324	2.5	7
3	Stochastic synchronization of Markovian jump neural networks with time-varying delay using sampled data. <i>IEEE Transactions on Cybernetics</i> , 2013 , 43, 1796-806	10.2	468
2	Passivity analysis for discrete-time stochastic Markovian jump neural networks with mixed time delays. <i>IEEE Transactions on Neural Networks</i> , 2011 , 22, 1566-75		312
1	Negative imaginarieness and positive realness analysis of state-space symmetric systems with interval uncertainty. <i>Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering</i> , 095965182110480	1	