

Engang Tian

List of Publications by Year in descending order

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42
papers

2,556
citations

516561

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times ranked

1505
citing authors

#	ARTICLE	IF	CITATIONS
1	A Delay System Method for Designing Event-Triggered Controllers of Networked Control Systems. IEEE Transactions on Automatic Control, 2013, 58, 475-481.	3.6	1,356
2	Delay-Distribution-Dependent Stability and Stabilization of Tâ€‘S Fuzzy Systems With Probabilistic Interval Delay. IEEE Transactions on Systems, Man, and Cybernetics, 2009, 39, 503-516.	5.5	201
3	Stabilization of Systems With Probabilistic Interval Input Delays and Its Applications to Networked Control Systems. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2009, 39, 939-945.	3.4	186
4	Delayâ€‘distributionâ€‘dependent robust stability of uncertain systems with timeâ€‘varying delay. International Journal of Robust and Nonlinear Control, 2009, 19, 377-393.	2.1	117
5	Reliable H_{∞} filter design for Tâ€‘S fuzzy modelâ€‘based networked control systems with random sensor failure. International Journal of Robust and Nonlinear Control, 2013, 23, 15-32.	2.1	107
6	H_{∞} Filtering for Discrete-Time Switched Systems With Known Sojourn Probabilities. IEEE Transactions on Automatic Control, 2015, 60, 2446-2451.	3.6	88
7	Decentralized control of networkâ€‘based interconnected systems: A stateâ€‘dependent triggering method. International Journal of Robust and Nonlinear Control, 2015, 25, 1126-1144.	2.1	68
8	Adaptive memoryâ€‘eventâ€‘triggered H_{∞} control for networkâ€‘based Tâ€‘S fuzzy systems with asynchronous premise constraints. IET Control Theory and Applications, 2021, 15, 534-544.	1.2	61
9	Resilient observer-based control for networked nonlinear Tâ€‘S fuzzy systems with hybrid-triggered scheme. Nonlinear Dynamics, 2018, 91, 2049-2061.	2.7	53
10	Observer-based fault detection for networked control systems with network Quality of Services. Applied Mathematical Modelling, 2010, 34, 1653-1661.	2.2	48
11	A delay system method to design of event-triggered control of networked control systems. , 2011, , .		30
12	New results on H_{∞} filter design for nonlinear systems with time-delay through a T-S fuzzy model approach. International Journal of Systems Science, 2012, 43, 426-442.	3.7	24
13	Delay-distribution-dependent H_{∞} state estimation for delayed neural networks with (x,v) -dependent noises and fading channels. Neural Networks, 2016, 84, 102-112.	3.3	22
14	Event-based finite-time state estimation for Markovian jump systems with quantizations and randomly occurring nonlinear perturbations. ISA Transactions, 2017, 66, 77-85.	3.1	22
15	Finite-horizon tracking control for a class of stochastic systems subject to input constraints and hybrid cyber attacks. ISA Transactions, 2020, 104, 93-100.	3.1	20
16	Event-triggered reliable H_{∞} filter design for networked systems with multiple sensor distortions: A probabilistic partition approach. ISA Transactions, 2017, 66, 2-9.	3.1	19
17	Delay-fractioning-dependent robust H_{∞} control for linear systems with delay in state or input and its applications. International Journal of Systems Science, 2012, 43, 820-833.	3.7	17
18	Novel criteria on H_{∞} filter design of linear networked control systems. IET Signal Processing, 2013, 7, 1-13.	0.9	16

#	ARTICLE	IF	CITATIONS
19	Reliable control for interval time-varying delay systems subjected to actuator saturation and stochastic failure. Optimal Control Applications and Methods, 2012, 33, 739-750.	1.3	15
20	Reliable H_∞ filter design for sampled-data systems with consideration of probabilistic sensor signal distortion. IET Signal Processing, 2013, 7, 420-426.	0.9	11
21	Fault tolerant control for discrete networked control systems with random faults. International Journal of Control, Automation and Systems, 2012, 10, 444-448.	1.6	10
22	Robust H_∞ filter for discrete-time linear system with uncertain missing measurements and nonlinearity. IET Signal Processing, 2013, 7, 239-248.	0.9	10
23	Robust reliable control for systems with random actuator fault and probabilistic nonlinearity with new characters. International Journal of Robust and Nonlinear Control, 2013, 23, 2013-2027.	2.1	9
24	Network-based precise tracking control of systems subject to stochastic failure and non-zero input. IET Control Theory and Applications, 2013, 7, 1370-1376.	1.2	7
25	Multi-smart car control system design and research based on ZigBee. , 2014, , .		7
26	Fault-Distribution Dependent Reliable Control for T-S Fuzzy Time-Delayed Systems. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2011, 133, .	0.9	6
27	H_∞ filtering for discrete-time systems subject to stochastic missing measurements: a decomposition approach. International Journal of Systems Science, 2014, 45, 1356-1363.	3.7	6
28	Fault-distribution-dependent reliable fuzzy control for T-S fuzzy systems with interval time-varying delay. Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers, Series A/Chung-kuo Kung Ch'eng Hsueh K'an, 2012, 35, 633-640.	0.6	5
29	Robust finite-time H_∞ control for switched systems by using sojourn-probability-dependent method. IET Signal Processing, 2016, 10, 833-840.	0.9	3
30	Synchronization control of stochastic delayed neural networks communicating with unreliable links. , 2009, , .		2
31	Fault-distribution-dependent reliable control for time-varying delay system. Journal of Control Theory and Applications, 2011, 9, 589-593.	0.8	2
32	Event-Based H_∞ Filter Design for Sensor Networks with Missing Measurements. Abstract and Applied Analysis, 2014, 2014, 1-9.	0.8	2
33	Sojourn-probability-dependent H_∞ control for networked switched systems under asynchronous switching. International Journal of Systems Science, 2017, 48, 357-366.	3.7	2
34	Delay-dependent stability analysis for linear system with time-varying delay: A PAM method. , 2009, , .		1
35	Robust H_∞ Control for linear systems with delay in state or input. , 2010, , .		1
36	Robust H_∞ control for networked control systems with limited media access channel. , 2011, , .		1

#	ARTICLE	IF	CITATIONS
37	Networked Systems with Complexities and Their Applications to Engineering. Mathematical Problems in Engineering, 2013, 2013, 1-1.	0.6	1
38	Adaptive feedback exponentially synchronization of complex delayed dynamical networks with nonlinearly coupled nodes. , 2009, , .		0
39	Delay-fractioning-dependent Robust stabilization of nonlinear networked control systems. , 2010, , .		0
40	Probability-based robust H^∞ filtering for time-varying systems with randomly occurring gain variations and fading channels. , 2016, , .		0
41	Novel Event-triggered Control for Networked Control Systems with Transmission Delay. , 2018, , .		0
42	Probability-constrained Filtering for Linear System with Successive Packet Dropouts and Multiplicative Noises. , 2018, , .		0