Hongbo Li

List of Publications by Year
in descending order

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43	722	623734	552781
papers	citations	14 h-index	26 g-index

43	43	43	696
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Optimal Stabilizing Gain Selection for Networked Control Systems With Time Delays and Packet Losses. IEEE Transactions on Control Systems Technology, 2009, 17, 1154-1162.	5.2	103
2	EDA-Based Speed Control of a Networked DC Motor System With Time Delays and Packet Losses. IEEE Transactions on Industrial Electronics, 2009, 56, 1727-1735.	7.9	80
3	Adaptive control for attitude synchronisation of spacecraft formation via extended state observer. IET Control Theory and Applications, 2014, 8, 2171-2185.	2.1	77
4	Gain-Scheduling-Based State Feedback Integral Control for Networked Control Systems. IEEE Transactions on Industrial Electronics, 2011, 58, 2465-2472.	7.9	59
5	Sliding-Mode Predictive Control of Networked Control Systems Under a Multiple-Packet Transmission Policy. IEEE Transactions on Industrial Electronics, 2014, 61, 6234-6243.	7.9	51
6	Dynamic Fault-Tolerant Routing Based on FSA for LEO Satellite Networks. IEEE Transactions on Computers, 2013, 62, 1945-1958.	3.4	31
7	Fuzzy dynamic characteristic modeling and adaptive control of nonlinear systems and its application to hypersonic vehicles. Science China Information Sciences, 2011, 54, 460-468.	4.3	30
8	Predictive observerâ€based control for networked control systems with networkâ€induced delay and packet dropout. Asian Journal of Control, 2008, 10, 638-650.	3.0	28
9	A survivable routing protocol for two-layered LEO/MEO satellite networks. Wireless Networks, 2014, 20, 871-887.	3.0	27
10	Scaled cluster consensus of discrete-time multi-agent systems with general directed topologies. International Journal of Systems Science, 2016, 47, 3839-3845.	5.5	23
11	The consensus region design and analysis of fractional-order multi-agent systems. International Journal of Systems Science, 2017, 48, 629-636.	5.5	20
12	Stabilization and Separation Principle of Networked Control Systems Using the Tâ€“S Fuzzy Model Approach. IEEE Transactions on Fuzzy Systems, 2015, 23, 1832-1843.	9.8	19
13	Neural-network-based integral sliding-mode tracking control of second-order multi-agent systems with unmatched disturbances and completely unknown dynamics. International Journal of Control, Automation and Systems, 2017, 15, 1925-1935.	2.7	19
14	3D Moth-inspired chemical plume tracking and adaptive step control strategy. Adaptive Behavior, 2016, 24, 52-65.	1.9	18
15	Cluster consensus of high-order multi-agent systems with switching topologies. International Journal of Systems Science, 2016, 47, 2859-2868.	5.5	14
16	Stationary and dynamic consensus of secondâ€order multiâ€agent systems with Markov jumping input delays. IET Control Theory and Applications, 2014, 8, 1905-1913.	2.1	13
17	Stabilization of Networked Control Systems with Time Delay and Packet Dropout Â¿ Part II. , 2007, , .		11
18	Gain Scheduling Control of Delta Operator System Using Network-Based Measurements. IEEE Transactions on Instrumentation and Measurement, 2014, 63, 538-547.	4.7	11

#	Article	IF	Citations
19	Stabilization of Networked Control Systems with Time Delay and Packet Dropout Â¿ Part I. , 2007, , .		9
20	Consensus of second-order multi-agent systems with time-varying delays and antagonistic interactions. Tsinghua Science and Technology, 2015, 20, 205-211.	6.1	9
21	End-to-End ConvNet for Tactile Recognition Using Residual Orthogonal Tiling and Pyramid Convolution Ensemble. Cognitive Computation, 2018, 10, 718-736.	5.2	9
22	Modeling and Control of Networked Control Systems. , 2006, , .		8
23	Intelligent scheduling controller design for networked control systems based on estimation of distribution algorithm. Tsinghua Science and Technology, 2008, 13, 71-77.	6.1	7
24	Stabilisation of networked delta operator systems with uncertainty. IET Control Theory and Applications, 2014, 8, 2289-2296.	2.1	6
25	Extreme Learning Machine Assisted Adaptive Control of a Quadrotor Helicopter. Mathematical Problems in Engineering, 2015, 2015, 1-12.	1.1	6
26	Positioning control of a one-DOF manipulator driven by pneumatic artificial muscles based on active disturbance rejection control. , 2015, , .		6
27	A Joint Stochastic Gradient Algorithm and Its Application to System Identification with RBF Networks. , 2006, , .		5
28	Measure observability by the generalized informational correlation. , 2007, , .		3
29	Hâˆž stabilisation of networked control systems with time delays and packet losses. Mathematical Structures in Computer Science, 2014, 24, .	0.6	3
30	Advancing the incremental fusion of robotic sensory features using online multi-kernel extreme learning machine. Frontiers of Computer Science, 2017, 11, 276-289.	2.4	3
31	Optimal controller design for a class of networked control systems. , 2005, , .		2
32	Optimization and stabilization of networked control systems: An Estimation of Distribution Algorithm approach. , 2008, , .		2
33	Speed control of a networked DC motor system with time delays and packet losses. , 2008, , .		2
34	EDA-based output tracking control for networked control systems with time delays and packet losses. , 2011, , .		2
35	Low illumination image Retinex enhancement algorithm based on guided filtering. , 2014, , .		2
36	Optimal Bandwidth Scheduling of Networked Learning Control System Based on Nash Theory and Auction Mechanism. Mathematical Problems in Engineering, 2013, 2013, 1-8.	1.1	1

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37	3D moth-inspired chemical plume tracking. , 2015, , .		1
38	A statistical learning based image denoising approach. Frontiers of Computer Science, 2015, 9, 713-719.	2.4	1
39	The consensus region design and analysis of fractional-order multi-agent systems. , 2015, , .		1
40	Measuring the Couplings of MIMO Dynamic Systems: An Information-Theoretic Approach. , 2006, , .		0
41	Adaptive Inverse Control under (h,ø)-Entropy Criterion. , 2006, , .		0
42	Delay-Dependent Fuzzy Control of Networked Control Systems and Its Application. Mathematical Problems in Engineering, 2013, 2013, 1-9.	1.1	0
43	Stationary consensus of heterogeneous multi-agent systems with random delays governed by a Markov chain. , 2014, , .		0