

Hongbo Li

List of Publications by Citations

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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.

35
papers

518
citations

14
h-index

22
g-index

43
ext. papers

650
ext. citations

3.1
avg, IF

3.68
L-index

#	Paper	IF	Citations
35	Optimal Stabilizing Gain Selection for Networked Control Systems With Time Delays and Packet Losses. <i>IEEE Transactions on Control Systems Technology</i> , 2009 , 17, 1154-1162	4.8	74
34	Adaptive control for attitude synchronisation of spacecraft formation via extended state observer. <i>IET Control Theory and Applications</i> , 2014 , 8, 2171-2185	2.5	67
33	EDA-Based Speed Control of a Networked DC Motor System With Time Delays and Packet Losses. <i>IEEE Transactions on Industrial Electronics</i> , 2009 , 56, 1727-1735	8.9	63
32	Gain-Scheduling-Based State Feedback Integral Control for Networked Control Systems. <i>IEEE Transactions on Industrial Electronics</i> , 2011 , 58, 2465-2472	8.9	46
31	Sliding-Mode Predictive Control of Networked Control Systems Under a Multiple-Packet Transmission Policy. <i>IEEE Transactions on Industrial Electronics</i> , 2014 , 61, 6234-6243	8.9	40
30	Fuzzy dynamic characteristic modeling and adaptive control of nonlinear systems and its application to hypersonic vehicles. <i>Science China Information Sciences</i> , 2011 , 54, 460-468	3.4	25
29	Predictive observer-based control for networked control systems with network-induced delay and packet dropout. <i>Asian Journal of Control</i> , 2008 , 10, 638-650	1.7	22
28	Dynamic Fault-Tolerant Routing Based on FSA for LEO Satellite Networks. <i>IEEE Transactions on Computers</i> , 2013 , 62, 1945-1958	2.5	20
27	Scaled cluster consensus of discrete-time multi-agent systems with general directed topologies. <i>International Journal of Systems Science</i> , 2016 , 47, 3839-3845	2.3	16
26	A survivable routing protocol for two-layered LEO/MEO satellite networks. <i>Wireless Networks</i> , 2014 , 20, 871-887	2.5	16
25	The consensus region design and analysis of fractional-order multi-agent systems. <i>International Journal of Systems Science</i> , 2017 , 48, 629-636	2.3	16
24	Stabilization and Separation Principle of Networked Control Systems Using the TB Fuzzy Model Approach. <i>IEEE Transactions on Fuzzy Systems</i> , 2015 , 23, 1832-1843	8.3	16
23	Neural-network-based integral sliding-mode tracking control of second-order multi-agent systems with unmatched disturbances and completely unknown dynamics. <i>International Journal of Control, Automation and Systems</i> , 2017 , 15, 1925-1935	2.9	15
22	3D Moth-inspired chemical plume tracking and adaptive step control strategy. <i>Adaptive Behavior</i> , 2016 , 24, 52-65	1.1	14
21	Cluster consensus of high-order multi-agent systems with switching topologies. <i>International Journal of Systems Science</i> , 2016 , 47, 2859-2868	2.3	9
20	Stationary and dynamic consensus of second-order multi-agent systems with Markov jumping input delays. <i>IET Control Theory and Applications</i> , 2014 , 8, 1905-1913	2.5	9
19	Gain Scheduling Control of Delta Operator System Using Network-Based Measurements. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2014 , 63, 538-547	5.2	8

18	End-to-End ConvNet for Tactile Recognition Using Residual Orthogonal Tiling and Pyramid Convolution Ensemble. <i>Cognitive Computation</i> , 2018 , 10, 718-736	4.4	7
17	Stabilization of networked control systems with time delay and packet dropout - part II 2007 ,		6
16	Positioning control of a one-DOF manipulator driven by pneumatic artificial muscles based on active disturbance rejection control 2015 ,		5
15	Stabilisation of networked delta operator systems with uncertainty. <i>IET Control Theory and Applications</i> , 2014 , 8, 2289-2296	2.5	4
14	Stabilization of networked control systems with time delay and packet dropout - part I 2007 ,		4
13	Intelligent scheduling controller design for networked control systems based on estimation of distribution algorithm. <i>Tsinghua Science and Technology</i> , 2008 , 13, 71-77	3.4	3
12	Advancing the incremental fusion of robotic sensory features using online multi-kernel extreme learning machine. <i>Frontiers of Computer Science</i> , 2017 , 11, 276-289	2.2	2
11	Consensus of second-order multi-agent systems with time-varying delays and antagonistic interactions. <i>Tsinghua Science and Technology</i> , 2015 , 20, 205-211	3.4	2
10	Extreme Learning Machine Assisted Adaptive Control of a Quadrotor Helicopter. <i>Mathematical Problems in Engineering</i> , 2015 , 2015, 1-12	1.1	2
9	3D moth-inspired chemical plume tracking 2015 ,		1
8	Low illumination image Retinex enhancement algorithm based on guided filtering 2014 ,		1
7	Optimal Bandwidth Scheduling of Networked Learning Control System Based on Nash Theory and Auction Mechanism. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-8	1.1	1
6	EDA-based output tracking control for networked control systems with time delays and packet losses 2011 ,		1
5	Optimization and stabilization of networked control systems: An Estimation of Distribution Algorithm approach 2008 ,		1
4	Speed control of a networked DC motor system with time delays and packet losses 2008 ,		1
3	Modeling and Control of Networked Control Systems 2006 ,		1
2	A statistical learning based image denoising approach. <i>Frontiers of Computer Science</i> , 2015 , 9, 713-719	2.2	0
1	Delay-Dependent Fuzzy Control of Networked Control Systems and Its Application. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-9	1.1	

