

Huiping Li

List of Publications by Year in descending order

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25
papers

1,191
citations

687363

13
h-index

752698

20
g-index

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all docs

25
docs citations

25
times ranked

984
citing authors

#	ARTICLE	IF	CITATIONS
1	Model Predictive Control Using Joint Voltage Vector for Quasi-Z-Source Inverter With Ability of Suppressing Current Ripple. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2022, 10, 1108-1124.	5.4	9
2	Dual Self-Triggered Model-Predictive Control for Nonlinear Cyber-Physical Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 3442-3452.	9.3	15
3	Path Planning in Uncertain Environment With Moving Obstacles Using Warm Start Cross Entropy. IEEE/ASME Transactions on Mechatronics, 2022, 27, 800-810.	5.8	8
4	Resilient predictive control strategy of cyber-physical systems against FDI attack. IET Control Theory and Applications, 2022, 16, 1098-1109.	2.1	6
5	Fully Distributed Control of Linear Systems With Optimal Cost on Directed Topologies. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 336-340.	3.0	10
6	Nonlinear Model Predictive Trajectory Tracking Control of Underactuated Marine Vehicles: Theory and Experiment. IEEE Transactions on Industrial Electronics, 2021, 68, 4238-4248.	7.9	39
7	Distributed Optimal Control for Linear Multiagent Systems on General Digraphs. IEEE Transactions on Automatic Control, 2021, 66, 322-328.	5.7	41
8	Resource-Aware Exact Decentralized Optimization Using Event-Triggered Broadcasting. IEEE Transactions on Automatic Control, 2021, 66, 2961-2974.	5.7	7
9	Distributed Model Predictive Control and Optimization for Linear Systems With Global Constraints and Time-Varying Communication. IEEE Transactions on Automatic Control, 2021, 66, 3393-3400.	5.7	11
10	Distributed Event-Triggered Gradient Method for Constrained Convex Minimization. IEEE Transactions on Automatic Control, 2020, 65, 778-785.	5.7	46
11	Codesign of Event Trigger and Feedback Policy in Robust Model Predictive Control. IEEE Transactions on Automatic Control, 2020, 65, 302-309.	5.7	39
12	Triggering and Control Codesign in Self-Triggered Model Predictive Control of Constrained Systems: With Guaranteed Performance. IEEE Transactions on Automatic Control, 2018, 63, 4008-4015.	5.7	92
13	Aperiodic Robust Model Predictive Control for Constrained Continuous-Time Nonlinear Systems: An Event-Triggered Approach. IEEE Transactions on Cybernetics, 2018, 48, 1397-1405.	9.5	100
14	Receding Horizon Formation Tracking Control of Constrained Underactuated Autonomous Underwater Vehicles. IEEE Transactions on Industrial Electronics, 2017, 64, 5004-5013.	7.9	166
15	New Trends in Networked Control of Complex Dynamic Systems: Theories and Applications. Mathematical Problems in Engineering, 2014, 2014, 1-5.	1.1	2
16	Network-Based Predictive Control for Constrained Nonlinear Systems With Two-Channel Packet Dropouts. IEEE Transactions on Industrial Electronics, 2014, 61, 1574-1582.	7.9	135
17	Networked min-max model predictive control of constrained nonlinear systems with delays and packet dropouts. International Journal of Control, 2013, 86, 610-624.	1.9	49
18	Distributed receding horizon control of constrained linear systems with communication delays. , 2013, , .		0

#	ARTICLE	IF	CITATIONS
19	State-feedback \hat{z} control for stochastic time-delay nonlinear systems with state and disturbance-dependent noise. International Journal of Control, 2012, 85, 1515-1531.	1.9	31
20	Delay-dependent state-feedback H_{∞} control for nonlinear stochastic systems with time-varying delays. , 2012, , .		0
21	Dissipativity based H_{∞} control for nonlinear stochastic systems with time-varying delays. , 2011, , .		1
22	VCode—Pervasive Data Transfer Using Video Barcode. IEEE Transactions on Multimedia, 2008, 10, 361-371.	7.2	25
23	Strong Tracking Filter Simultaneous Localization and Mapping Algorithm. , 2008, , .		1
24	Camera-based analysis of text and documents: a survey. International Journal on Document Analysis and Recognition, 2005, 7, 84-104.	3.4	335
25	Text enhancement in digital video. , 1999, 3651, 2.		23