

Wei Ren

List of Publications by Year in descending order

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35
papers

454
citations

933447

10
h-index

752698

20
g-index

35
all docs

35
docs citations

35
times ranked

357
citing authors

#	ARTICLE	IF	CITATIONS
1	H ∞ Control of Linear Networked and Quantized Control Systems With Communication Delays and Random Packet Losses. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 3926-3936.	9.3	2
2	Robust Filtering for 2-D Discrete-Time Switched Systems. IEEE Transactions on Automatic Control, 2021, 66, 4747-4760.	5.7	8
3	Distributed Adaptive Finite-Time Consensus for Second-Order Multiagent Systems With Mismatched Disturbances Under Directed Networks. IEEE Transactions on Cybernetics, 2021, 51, 1347-1358.	9.5	52
4	Stochastic Stability of Impulsive Switched Systems With Constrained Switching and Impulses. , 2021, 5, 1441-1446.		4
5	Stability Analysis of Stochastic Impulsive Switched Systems with Deterministic State-Dependent Impulses and Switches. SIAM Journal on Control and Optimization, 2021, 59, 2068-2092.	2.1	9
6	Observer-based quantized state feedback stabilization for nonlinear systems with external disturbance. International Journal of Robust and Nonlinear Control, 2021, 31, 3054-3069.	3.7	1
7	Stability and H_{∞} Performance Analysis of Stochastic Linear Networked and Quantized Control Systems. , 2021, , .		0
8	Stochastic Stability of Impulsive Switched Systems with Constrained Switching and Impulses. , 2021, , .		0
9	Adaptive heterogeneous multi-robot collaboration from formal task specifications. Robotics and Autonomous Systems, 2021, 145, 103866.	5.1	5
10	Event-Triggered Tracking Control of Networked and Quantized Control Systems. , 2021, , .		0
11	Razumikhin-type Control Lyapunov and Barrier Functions for Time-Delay Systems. , 2021, , .		6
12	Zonotope-based Controller Synthesis for LTL Specifications. , 2021, , .		2
13	Tracking Control of Nonlinear Networked and Quantized Control Systems With Communication Delays. IEEE Transactions on Automatic Control, 2020, 65, 3685-3692.	5.7	22
14	Stability Analysis of Impulsive Switched Systems with Time Delays and State-dependent Impulses. , 2020, , .		0
15	Symbolic abstractions for nonlinear control systems via feedback refinement relation. Automatica, 2020, 114, 108828.	5.0	4
16	Symbolic Supervisory Control of Periodic Event-Triggered Control Systems. IFAC-PapersOnLine, 2020, 53, 1968-1973.	0.9	0
17	Input-to-State Stability of Networked and Quantized Control Systems. IFAC-PapersOnLine, 2020, 53, 3079-3084.	0.9	0
18	Parallel-triggered observer-based output feedback stabilization of linear systems. IFAC-PapersOnLine, 2020, 53, 4428-4433.	0.9	1

#	ARTICLE	IF	CITATIONS
19	Stability analysis for stochastic impulsive switched time-delay systems with asynchronous impulses and switches. <i>Systems and Control Letters</i> , 2019, 133, 104516.	2.3	16
20	Lyapunov Conditions for Input-to-State Stability of Hybrid Systems With Memory. <i>IEEE Transactions on Automatic Control</i> , 2019, 64, 4307-4313.	5.7	5
21	Razumikhin stability theorems for a general class of stochastic impulsive switched time-delay systems. <i>International Journal of Robust and Nonlinear Control</i> , 2019, 29, 3988-4001.	3.7	8
22	Krasovskii and Razumikhin Stability Theorems for Stochastic Switched Nonlinear Time-Delay Systems. <i>SIAM Journal on Control and Optimization</i> , 2019, 57, 1043-1067.	2.1	17
23	Dynamic Quantization based Symbolic Abstractions for Nonlinear Control Systems. , 2019, , .		3
24	Logarithmic Quantization based Symbolic Abstractions for Nonlinear Control Systems. , 2019, , .		0
25	Stability Analysis of Impulsive Switched Time-Delay Systems With State-Dependent Impulses. <i>IEEE Transactions on Automatic Control</i> , 2019, 64, 3928-3935.	5.7	59
26	Quantized Feedback Stabilization of Nonlinear Systems With External Disturbance. <i>IEEE Transactions on Automatic Control</i> , 2018, 63, 3167-3172.	5.7	33
27	Decentralised output-feedback LQG control with one-step communication delay. <i>International Journal of Control</i> , 2018, 91, 1920-1930.	1.9	7
28	Tracking Control of Networked and Quantized Control Systems. , 2018, , .		1
29	Vector Lyapunov Function based Input-to-State Stability of Stochastic Impulsive Switched Time-Delay Systems. <i>IEEE Transactions on Automatic Control</i> , 2018, , 1-1.	5.7	11
30	Lyapunov Conditions for Stability of Stochastic Impulsive Switched Systems. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2018, 65, 1994-2004.	5.4	23
31	Stability Analysis of Impulsive Stochastic Nonlinear Systems. <i>IEEE Transactions on Automatic Control</i> , 2017, 62, 4791-4797.	5.7	75
32	Exponential stability of stochastic impulsive switched delayed systems based on vector Lyapunov functions. , 2017, , .		2
33	Boundedness of discretised nonlinear systems under fast terminal sliding mode control. <i>IET Control Theory and Applications</i> , 2016, 10, 2100-2109.	2.1	12
34	Stability and stabilization of switched stochastic systems under asynchronous switching. <i>Systems and Control Letters</i> , 2016, 97, 184-192.	2.3	66
35	Stabilization of nonlinear systems with coarse quantization. , 2014, , .		0