

Rongni Yang

List of Publications by Year in descending order

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37
times ranked

689
citing authors

#	ARTICLE	IF	CITATIONS
1	Predictive Output Feedback Control for Networked Control Systems. IEEE Transactions on Industrial Electronics, 2014, 61, 512-520.	5.2	283
2	Sliding Mode Control of Discrete-Time Switched Systems with Repeated Scalar Nonlinearities. IEEE Transactions on Automatic Control, 2017, 62, 4604-4610.	3.6	152
3	$H = \begin{bmatrix} H_1 & H_2 \\ H_3 & H_4 \end{bmatrix}$ filtering for discrete-time 2-D switched systems: An extended average dwell time approach. Automatica, 2018, 98, 302-313.	3.6	168
4	Two-Dimensional Sliding Mode Control of Discrete-Time Fornasini-Marchesini Systems. IEEE Transactions on Automatic Control, 2019, 64, 3943-3948.	3.6	37
5	Two-dimensional event-triggered sliding mode control for Roesser model with time delays. ISA Transactions, 2022, 124, 271-279.	3.1	8
6	Robust Recursive Estimation for Uncertain Systems With Delayed Measurements and Noises. IEEE Access, 2020, 8, 14386-14400.	2.6	8
7	A Probability Theory Approach to Stability Analysis of Networked Sampled-Data Systems With Consecutive Packet Dropouts. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 429-433.	2.2	8
8	Improved event-triggered sliding mode control of switched systems with disturbances. Asian Journal of Control, 2021, 23, 2214-2226.	1.9	7
9	Predictive control of networked systems with communication delays. , 2012, , .		5
10	Filter design for stochastically perturbed T-S Fuzzy systems. , 2013, , .		5
11	Robust finite-iteration tracking of discrete-time systems in repetitive process setting via ILC scheme. International Journal of Robust and Nonlinear Control, 2022, 32, 2585-2602.	2.1	4
12	Dissipative filtering for two-dimensional LPV systems: A hidden Markov model approach. ISA Transactions, 2022, 130, 409-419.	3.1	4
13	New Developments in Sliding Mode Control and Its Applications 2014. Mathematical Problems in Engineering, 2015, 2015, 1-3.	0.6	3
14	Switched control of repeated scalar nonlinear systems via sliding mode control technique. IET Control Theory and Applications, 2017, 11, 1088-1097.	1.2	3
15	Full- and reduced-order filter design for discrete-time T-S fuzzy systems with time-varying delay. , 2012, , .		2
16	New Developments in Sliding Mode Control and Its Applications. Mathematical Problems in Engineering, 2014, 2014, 1-3.	0.6	2
17	Stability analysis for discrete-time two-dimensional switched systems. , 2015, , .		2
18	Event-triggered optimal control for the NCSs with time delays. , 2021, , .		2

#	ARTICLE	IF	CITATIONS
19	Mathematical Modeling, Analysis, and Advanced Control of Complex Dynamical Systems. Mathematical Problems in Engineering, 2014, 2014, 1-2.	0.6	1
20	Sliding Mode Control of Discrete-Time 2-D Roesser Systems Via Event-Based Scheme. , 2019, , .		1
21	Event-Driven Sliding Mode Control of Discrete-Time 2-D Roesser Systems. , 2021, , .		1
22	Iterative Learning Fault-Tolerant Control for Discrete-time Linear Switched Systems. , 2021, , .		1
23	Sliding Mode Control for Discrete-Time Networked Control Systems Based on the NPC Scheme. , 2020, , .		1
24	Induced ∞ control of discrete-time Takagi-Sugeno fuzzy systems with time-varying delays via dynamic output feedback. , 2012, , .		0
25	Mathematical Modeling, Analysis, and Control of Hybrid Dynamical Systems. Mathematical Problems in Engineering, 2013, 2013, 1-3.	0.6	0
26	Exponential stabilization for discrete-time uncertain 2-D switched systems. , 2015, , .		0
27	H_∞ performance based filtering for time-varying systems via T-S fuzzy modelling. , 2016, , .		0
28	Event-triggered controller design for interconnected power systems. , 2016, , .		0
29	Fuzzy-rule-based model reduction for switched nonlinear systems. , 2016, , .		0
30	Sliding mode controller design for switched nonlinear systems. , 2016, , .		0
31	Dissipative Control of Two-Dimensional Switched Fornasini-Marchesini Systems. , 2018, , .		0
32	Observer-Based Predictive Control for Networked Control Systems Via Event-Triggered Strategy. , 2018, , .		0
33	Networked Predictive Control of Discrete-time Two-dimensional Systems. , 2020, , .		0
34	Consensus Analysis of Multi-Agent Systems with Uncertain Switching Topology in Finite Frequency Domain. , 2020, , .		0
35	Finite-Iteration Tracking of Linear Systems With Communication Delays Based on Learning Control. , 2020, , .		0
36	Observer-based Iterative Learning Control for the Discrete-time Systems with Time Delay and Finite Frequency Domain Specifications. International Journal of Control, Automation and Systems, 2022, 20, 48-57.	1.6	0

#	ARTICLE	IF	CITATIONS
37	Passive fault-tolerant control for a class of discrete-time switched affine systems. , 2021, , .		0