

Liangyin Zhang

List of Publications by Year in descending order

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17
papers

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1307366

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1058333

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18
all docs

18
docs citations

18
times ranked

445
citing authors

#	ARTICLE	IF	CITATIONS
1	On the positive stabilizability of sampled positive systems. International Journal of Robust and Nonlinear Control, 2022, 32, 1113-1142.	2.1	2
2	Observer-based discrete-time sliding mode control for systems with unmatched uncertainties. Journal of the Franklin Institute, 2021, 358, 8470-8470.	1.9	7
3	On the critical value for the modified algebraic Riccati inequality. , 2021, , .		0
4	Hyperplane design for discrete-time sliding mode control with event-trigger strategy and disturbance observer. IET Control Theory and Applications, 2020, 14, 1003-1011.	1.2	5
5	On the number of unstable eigenvalues of linear positive systems. , 2019, , .		0
6	Event-based asynchronous communication and sampled control for synchronization of multiagent networks with input saturation. International Journal of Robust and Nonlinear Control, 2018, 28, 1871-1885.	2.1	4
7	Observer-Based Consensus Tracking of Nonlinear Agents in Hybrid Varying Directed Topology. IEEE Transactions on Cybernetics, 2017, 47, 2212-2222.	6.2	121
8	The dual algebraic Riccati equations and the set of all solutions of the discrete-time Riccati equation. International Journal of Control, 2017, 90, 1371-1388.	1.2	3
9	The Analytic Solutions of the Homogeneous Modified Algebraic Riccati Equation. IEEE Transactions on Automatic Control, 2017, 62, 4834-4839.	3.6	5
10	Event-based global stabilization of linear systems via a saturated linear controller. International Journal of Robust and Nonlinear Control, 2016, 26, 1073-1091.	2.1	53
11	On the uniqueness of the almost stabilizing solution of the modified algebraic Riccati equation. , 2016, , .		3
12	Observer-based semi-global consensus of discrete-time multi-agent systems with input saturation. Transactions of the Institute of Measurement and Control, 2016, 38, 665-674.	1.1	30
13	Event-triggered control for semi-global stabilisation of systems with actuator saturation. International Journal of Control, 2016, 89, 1047-1064.	1.2	31
14	Stabilizing Solution and Parameter Dependence of Modified Algebraic Riccati Equation With Application to Discrete-Time Network Synchronization. IEEE Transactions on Automatic Control, 2016, 61, 228-233.	3.6	96
15	Event-based synchronisation of linear discrete-time dynamical networks. IET Control Theory and Applications, 2015, 9, 755-765.	1.2	79
16	Event-based Semi-global Consensus of Discrete-time Multi-agent Systems via Low-gain Control. International Journal of Sensors, Wireless Communications and Control, 2015, 5, 81-94.	0.5	2
17	Event-Triggered Control Over Noisy Feedback Channels. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 10493-10498.	0.4	2