Nicolas Espitia

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1552632/publications.pdf

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17	412	1040056 9	1199594 12
papers	citations	h-index	g-index

18	18	18	153
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Predictor-Feedback Prescribed-Time Stabilization of LTI Systems With Input Delay. IEEE Transactions on Automatic Control, 2022, 67, 2784-2799.	5.7	19
2	Observer-Based Event-Triggered Boundary Control of a Class of Reactionâ€“Diffusion PDEs. IEEE Transactions on Automatic Control, 2022, 67, 2905-2917.	5.7	20
3	Sensor delay-compensated prescribed-time observer for LTI systems. Automatica, 2022, 135, 110005.	5.0	15
4	Traffic flow control on cascaded roads by eventâ€triggered output feedback. International Journal of Robust and Nonlinear Control, 2022, 32, 5919-5949.	3.7	3
5	Event-Triggered Gain Scheduling of Reaction-Diffusion PDEs. SIAM Journal on Control and Optimization, 2021, 59, 2047-2067.	2.1	10
6	Event-triggered boundary control of constant-parameter reactionâ€“diffusion PDEs: A small-gain approach. Automatica, 2021, 128, 109562.	5.0	50
7	Prescribed-time predictor control of LTI systems with distributed input delay. , 2021, , .		0
8	Event-triggered boundary control of constant-parameter reaction-diffusion PDEs: a small-gain approach. , 2020, , .		12
9	Observer-based event-triggered boundary control of a linear 2ÂÃ—Â2 hyperbolic systems. Systems and Control Letters, 2020, 138, 104668.	2.3	31
10	Prescribed-time predictor control of LTI systems with input delay. , 2020, , .		4
11	Event-triggered Varying Speed Limit Control of Stop-and-go Traffic. IFAC-PapersOnLine, 2020, 53, 7509-7514.	0.9	5
12	Some characterizations of boundary time-varying feedbacks for fixed-time stabilization of reaction-diffusion systems. IFAC-PapersOnLine, 2019, 52, 162-167.	0.9	10
13	Boundary time-varying feedbacks for fixed-time stabilization of constant-parameter reactionâ€“diffusion systems. Automatica, 2019, 103, 398-407.	5.0	76
14	Event-Based Boundary Control of a Linear <inline-formula> <tex-math notation="LaTeX">$2imes 2$ </tex-math> </inline-formula> Hyperbolic System via Backstepping Approach. IEEE Transactions on Automatic Control, 2018, 63, 2686-2693.	5.7	51
15	Stabilization of boundary controlled hyperbolic PDEs via Lyapunov-based event triggered sampling and quantization. , 2017, , .		21
16	Event-based control of linear hyperbolic systems of conservation laws. Automatica, 2016, 70, 275-287.	5.0	84
17	Finiteâ€time estimation of secondâ€order linear timeâ€invariant systems in the presence of delayed measurement. International Journal of Robust and Nonlinear Control, 0, , .	3.7	1