Uri Shaked

List of Publications by Year
in descending order

		1040056	1474206
37 papers	737 citations	9 h-index	9 g-index
37 all docs	37 docs citations	37 times ranked	469 citing authors

#	Article	IF	Citations
1	H $_{∞}$ Preview Tracking Control for State-delayed Linear Systems. , 2019, , .		2
2	State-multiplicative Retarded Systems - Predictor-based State-feedback and Output-feedback control. , 2019, , .		0
3	Introduction and Literature Survey. Lecture Notes in Control and Information Sciences, 2019, , 121-127.	1.0	0
4	Predictor-Based Control of Systems with State-Multiplicative Noise. Lecture Notes in Control and Information Sciences, 2019, , 171-185.	1.0	0
5	Stochastic Discrete-Time Systems with Delay - Robust Vertex-dependent H$_{∞}$State-feedback Control. , 2018, , .		2
6	Robust Norm-Bounded H$_{∞}$ Static Output-Feedback Control of Retarded Stochastic Systems. , 2018, , .		1
7	Robust output‐feedback control of state‐multiplicative noisy discrete‐time systems. International Journal of Robust and Nonlinear Control, 2017, 27, 2813-2823.	3.7	0
8	Stochastic linear retarded systems: Robust vertex-dependent H$_{∞}$ control via measurement-feedback. , 2017, , .		0
9	Robust norm-bounded H$_{∞}$ control and estimation of retarded state-multiplicative discrete-time systems. , 2016, , .		2
10	Robust peak to peak and H$_{∞}$ static output-feedback control of the Threonine Synthesis pathway. , 2015, , .		3
11	Soft Controller Switching with Guaranteed H$_{∞}$ Performance. IFAC-PapersOnLine, 2015, 48, 848-853.	0.9	0
12	Stochastic linear systems: Robust H$_{∞}$ control via vertex-dependent approach. , 2015, , .		4
13	H$_{∞}$ dynamic output-feedback control of retarded state-multiplicative discrete time systems. , 2014, , .		0
14	Stochastic H$_{∞}$ Static output-feedback control of state-multiplicative discrete-time systems with delay. , 2014, , .		1
15	Robust terminal filtering in an H$_{∞}$ setting — Application to affine functional networks training. , 2014, , .		0
16	Advanced Topics in Control and Estimation of State-Multiplicative Noisy Systems. Lecture Notes in Control and Information Sciences, 2013, , .	1.0	41
17	Robust Control of Linear Systems via Switching. IEEE Transactions on Automatic Control, 2013, 58, 506-512.	5.7	42
18	Stochastic H$_{∞}$ control and estimation of state-multiplicative discrete-time systems with delay. , 2013, , .		2

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19	Stochastic H<inf>&#x221E;</inf> output-feedback control for linear retarded systems. , 2012, , .		0
20	Robust polytopic analysis of the feedback-control of Glycolysis in yeasts via some system norms. , 2012, , .		3
21	Robust polytopic H<inf>∞</inf> control of linear retarded state-multiplicative stochastic systems. , 2011, , .		0
22	Robust Stability and Stabilization of Linear Switched Systems With Dwell Time. IEEE Transactions on Automatic Control, 2011, 56, 381-386.	5.7	333
23	Robust L_{infty}-Induced Filtering and Control of Stochastic Systems With State-Multiplicative Noise. IEEE Transactions on Automatic Control, 2010, 55, 732-737.	5.7	23
24	Robust stability and stabilization of linear switched systems with dwell time. , 2010, , .		2
25	Robust L<inf>â^ž</inf>-induced optimal filtering and control of stochastic systems with state-multiplicative noise. , 2009, , .		0
26	Static output-feedback controllers that guarantee prescribed closed-loop stability margins. , 2009, , .		0
27	Robust Hâ^ž output-feedback control of state-multiplicative stochastic systems with delay. , 2009, , .		3
28	Neuro-adaptive H_{∞} estimation and its application to improved tracking in GPS receivers. , 2007, , .		3
29	Robust servo synthesis by minimization of induced l/₂ and l/_{i∞} norms. , 2007, , .		1
30	H<inf>â^ž</inf> feedback-control of the Threonine Synthesis pathway via system uncertainty. , 2007, , .		3
31	Inputâ€"output approach to stability and -gain analysis of systems with time-varying delays. Systems and Control Letters, 2006, 55, 1041-1053.	2.3	127
32	Special issue on time-delay systems. International Journal of Robust and Nonlinear Control, 2003, 13, 791-792.	3.7	14
33	Robust discrete-timeHâ^ž-optimal tracking with preview. International Journal of Robust and Nonlinear Control, 1998, 8, 29-37.	3.7	27
34	Hydrochlorothiazide-amiloride causes excessive urinary zinc excretion. Clinical Pharmacology and Therapeutics, 1987, 42, 42-44.	4.7	23
35	Explicit solution to the singular discrete-time stationary linear filtering problem. IEEE Transactions on Automatic Control, 1985, 30, 34-47.	5.7	75
36	Minimal Order Estimation of Multivariable Continuous Time Stochastic Linear Systems. , 1984, , .		0

#	Article	IF	Citations
37	Retarded state-multiplicative stochastic systems - Robust Hâˇž and H2 vertex-dependent filtering. International Journal of Control, 0, , 1-11.	1.9	0