

# Uri Shaked

## List of Publications by Year in descending order

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37  
papers

737  
citations

1039406

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h-index

1473754

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g-index

37  
all docs

37  
docs citations

37  
times ranked

469  
citing authors

#	ARTICLE	IF	CITATIONS
1	Robust Stability and Stabilization of Linear Switched Systems With Dwell Time. IEEE Transactions on Automatic Control, 2011, 56, 381-386.	3.6	333
2	Input-output approach to stability and gain analysis of systems with time-varying delays. Systems and Control Letters, 2006, 55, 1041-1053.	1.3	127
3	Explicit solution to the singular discrete-time stationary linear filtering problem. IEEE Transactions on Automatic Control, 1985, 30, 34-47.	3.6	75
4	Robust Control of Linear Systems via Switching. IEEE Transactions on Automatic Control, 2013, 58, 506-512.	3.6	42
5	Advanced Topics in Control and Estimation of State-Multiplicative Noisy Systems. Lecture Notes in Control and Information Sciences, 2013, , .	0.6	41
6	Robust discrete-time $H^{\infty}$ -optimal tracking with preview. International Journal of Robust and Nonlinear Control, 1998, 8, 29-37.	2.1	27
7	Hydrochlorothiazide-amiloride causes excessive urinary zinc excretion. Clinical Pharmacology and Therapeutics, 1987, 42, 42-44.	2.3	23
8	Robust $L_{\infty}$ -Induced Filtering and Control of Stochastic Systems With State-Multiplicative Noise. IEEE Transactions on Automatic Control, 2010, 55, 732-737.	3.6	23
9	Special issue on time-delay systems. International Journal of Robust and Nonlinear Control, 2003, 13, 791-792.	2.1	14
10	Stochastic linear systems: Robust $H^{\infty}$ control via vertex-dependent approach. , 2015, , .		4
11	Neuro-adaptive $H^{\infty}$ estimation and its application to improved tracking in GPS receivers. , 2007, , .		3
12	$H^{\infty}$ feedback-control of the Threonine Synthesis pathway via system uncertainty. , 2007, , .		3
13	Robust polytopic analysis of the feedback-control of Glycolysis in yeasts via some system norms. , 2012, , .		3
14	Robust peak to peak and $H^{\infty}$ static output-feedback control of the Threonine Synthesis pathway. , 2015, , .		3
15	Robust $H^{\infty}$ output-feedback control of state-multiplicative stochastic systems with delay. , 2009, , .		3
16	Robust stability and stabilization of linear switched systems with dwell time. , 2010, , .		2
17	Stochastic $H^{\infty}$ control and estimation of state-multiplicative discrete-time systems with delay. , 2013, , .		2
18	Robust norm-bounded $H^{\infty}$ control and estimation of retarded state-multiplicative discrete-time systems. , 2016, , .		2

#	ARTICLE	IF	CITATIONS
19	Stochastic Discrete-Time Systems with Delay - Robust Vertex-dependent $H^\infty$ State-feedback Control. , 2018, , .		2
20	$H^\infty$ Preview Tracking Control for State-delayed Linear Systems. , 2019, , .		2
21	Robust servo synthesis by minimization of induced $L_2$ and $L_\infty$ norms. , 2007, , .		1
22	Stochastic $H^\infty$ Static output-feedback control of state-multiplicative discrete-time systems with delay. , 2014, , .		1
23	Robust Norm-Bounded $H^\infty$ Static Output-Feedback Control of Retarded Stochastic Systems. , 2018, , .		1
24	Robust $L_\infty$ -induced optimal filtering and control of stochastic systems with state-multiplicative noise. , 2009, , .		0
25	Robust polytopic $H^\infty$ control of linear retarded state-multiplicative stochastic systems. , 2011, , .		0
26	Stochastic $H^\infty$ output-feedback control for linear retarded systems. , 2012, , .		0
27	$H^\infty$ dynamic output-feedback control of retarded state-multiplicative discrete time systems. , 2014, , .		0
28	Robust terminal filtering in an $H^\infty$ setting &#x2014; Application to affine functional networks training. , 2014, , .		0
29	Soft Controller Switching with Guaranteed $H^\infty$ Performance. IFAC-PapersOnLine, 2015, 48, 848-853.	0.5	0
30	Robust output-feedback control of state-multiplicative noisy discrete-time systems. International Journal of Robust and Nonlinear Control, 2017, 27, 2813-2823.	2.1	0
31	Stochastic linear retarded systems: Robust vertex-dependent $H^\infty$ control via measurement-feedback. , 2017, , .		0
32	State-multiplicative Retarded Systems - Predictor-based State-feedback and Output-feedback control. , 2019, , .		0
33	Introduction and Literature Survey. Lecture Notes in Control and Information Sciences, 2019, , 121-127.	0.6	0
34	Retarded state-multiplicative stochastic systems - Robust $H^\infty$ and $H_2$ vertex-dependent filtering. International Journal of Control, 0, , 1-11.	1.2	0
35	Static output-feedback controllers that guarantee prescribed closed-loop stability margins. , 2009, , .		0
36	Predictor-Based Control of Systems with State-Multiplicative Noise. Lecture Notes in Control and Information Sciences, 2019, , 171-185.	0.6	0

#	ARTICLE	IF	CITATIONS
37	Minimal Order Estimation of Multivariable Continuous Time Stochastic Linear Systems. , 1984, , .		0