

Xu Wang

List of Publications by Year in descending order

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39
papers

408
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933447

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18
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39
all docs

39
docs citations

39
times ranked

289
citing authors

#	ARTICLE	IF	CITATIONS
1	Consensus in the network with uniform constant communication delay. Automatica, 2013, 49, 2461-2467.	5.0	112
2	Almost output synchronization for heterogeneous networks of introspective agents under external disturbances. Automatica, 2014, 50, 1026-1036.	5.0	104
3	Synchronization in a network of identical discrete-time agents with uniform constant communication delay. International Journal of Robust and Nonlinear Control, 2014, 24, 3076-3091.	3.7	25
4	Stabilization of Multiple-Input Multiple-Output Linear Systems With Saturated Outputs. IEEE Transactions on Automatic Control, 2010, 55, 2160-2164.	5.7	22
5	Stabilization of linear system with input saturation and unknown constant delays. Automatica, 2013, 49, 3632-3640.	5.0	22
6	Synchronization in heterogeneous networks of discrete-time introspective right-invertible agents. International Journal of Robust and Nonlinear Control, 2014, 24, 3255-3281.	3.7	17
7	On the structure of graph edge designs that optimize the algebraic connectivity. , 2008, , .		13
8	Stabilization of a Class of Sandwich Systems Via State Feedback. IEEE Transactions on Automatic Control, 2010, 55, 2156-2160.	5.7	12
9	Control of a chain of integrators subject to actuator saturation and disturbances. International Journal of Robust and Nonlinear Control, 2012, 22, 1562-1570.	3.7	12
10	Control of open-loop neutrally stable systems subject to actuator saturation and external disturbances. International Journal of Robust and Nonlinear Control, 2013, 23, 229-240.	3.7	12
11	Simultaneous global external and internal stabilization of linear time-invariant discrete-time systems subject to actuator saturation. Automatica, 2012, 48, 699-711.	5.0	11
12	Further results on the disturbance response of a double integrator controlled by a saturating linear static state feedback. Automatica, 2012, 48, 430-435.	5.0	10
13	Stabilization of nonlinear sandwich systems via state feedback. Discrete-time systems. International Journal of Robust and Nonlinear Control, 2011, 21, 1841-1864.	3.7	7
14	Synchronization for heterogeneous networks of introspective right-invertible agents with uniform constant communication delay. , 2013, , .		7
15	Discrete-time H_2 and H_∞ low-gain theory. International Journal of Robust and Nonlinear Control, 2012, 22, 743-762.	3.7	6
16	Stabilization of Discrete-Time Linear Systems Subject to Input Saturation and Multiple Unknown Constant Delays. IEEE Transactions on Automatic Control, 2014, 59, 1667-1672.	5.7	6
17	Using deliberate-delay decentralized controllers to stop spread dynamics in canonical network models. , 2011, , .		5
18	Output synchronization for heterogeneous networks of discrete-time introspective right-invertible agents with uniform constant communication delay. , 2013, , .		5

#	ARTICLE	IF	CITATIONS
19	Computation of the recoverable region and stabilisation problem in the recoverable region for discrete-time systems. <i>International Journal of Control</i> , 2009, 82, 1870-1881.	1.9	4
20	Semi-global stabilization of discrete-time systems subject to non-right invertible constraints. <i>International Journal of Robust and Nonlinear Control</i> , 2010, 20, 1234-1254.	3.7	4
21	Stabilization of sandwich non-linear systems with low-and-high gain feedback design. , 2010, , .		4
22	Control of linear systems with input saturation and matched uncertainty and disturbance. , 2011, , .		4
23	Simultaneous external and internal stabilization of linear systems with input saturation and non-input-additive sustained disturbances. <i>Automatica</i> , 2012, 48, 2633-2639.	5.0	4
24	Consensus in the network with uniform constant communication delay. , 2012, , .		3
25	A new low-and-high gain feedback design using MPC for global stabilization of linear systems subject to input saturation. , 2012, , .		3
26	Synchronization in a heterogeneous network of discrete-time introspective right-invertible agents. , 2013, , .		3
27	Stabilization of a class of sandwich nonlinear systems via state feedback. , 2009, , .		2
28	Semiglobal stabilization of sandwich systems by dynamic output feedback. , 2010, , .		2
29	Control of linear systems with input saturation and non-input-additive sustained disturbances — Continuous-time systems. , 2012, , .		2
30	H_2 and H_∞ low-gain theory. , 2011, , .		1
31	Discrete-time H_2 and H_∞ low-gain theory. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2011, 44, 11411-11416.	0.4	1
32	Remarks on the relationship between H_2 stability and internal stability of nonlinear systems. , 2011, , .		1
33	Consensus in the network with uniform constant communication delay. , 2012, , .		1
34	Synchronization for homogeneous networks of non-introspective, non-right-invertible, discrete-time agents with uniform constant communication delay. , 2013, , .		1
35	Simultaneous global external and internal stabilization of linear time-invariant discrete-time systems subject to actuator saturation. , 2011, , .		0
36	Control of linear systems with input saturation and non-input-additive sustained disturbances — Discrete-time systems. , 2012, , .		0

#	ARTICLE	IF	CITATIONS
37	Remarks on the relationship between stability and internal stability of nonlinear systems. International Journal of Robust and Nonlinear Control, 2013, 23, 1822-1827.	3.7	0
38	Stabilization of discrete-time linear systems subject to input saturation and multiple unknown constant delays. , 2013, , .		0
39	∞ -almost regulated synchronization and ∞ -almost formation for heterogeneous networks under external disturbances. , 2013, , .		0