Xu Wang

List of Publications by Year in descending order

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933447 839539 39 408 10 18 h-index citations g-index papers 39 39 39 289 citing authors docs citations times ranked all docs

#	ARTICLE <pre><mmi:math si5.gif_display="inline</pre" xmins:mmi="http://www.w3.org/1998/iviath/iviathivic_altimg="></mmi:math></pre>	IF	Citations
1	overflow="scroll"> <mml:msub><mml:mrow><mml:mi mathvariant="script">H</mml:mi></mml:mrow><mml:mrow><mml:mi>a^z</mml:mi></mml:mrow></mml:msub> <th>kþroml:mat</th> <th>:l6×4</th>	k þro ml:mat	:l6×4
2	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
3	Synchronization in a network of identical discreteâ€time agents with uniform constant communication delay. International Journal of Robust and Nonlinear Control, 2014, 24, 3076-3091.	3.7	25
4	Synchronization in heterogeneous networks of discreteâ€time introspective rightâ€invertible agents. International Journal of Robust and Nonlinear Control, 2014, 24, 3255-3281.	3.7	17
5	Control of openâ€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
6	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
7	Consensus in the network with uniform constant communication delay. Automatica, 2013, 49, 2461-2467.	5.0	112
8	Stabilization of linear system with input saturation and unknown constant delays. Automatica, 2013, 49, 3632-3640.	5.0	22
9	Output synchronization for heterogeneous networks of discrete-time introspective right-invertible agents with uniform constant communication delay. , $2013, , .$		5
10	Stabilization of discrete-time linear systems subject to input saturation and multiple unknown constant delays., 2013,,.		0
11	Synchronization for heterogeneous networks of introspective right-invertible agents with uniform constant communication delay. , 2013, , .		7
12	Synchronization for homogeneous networks of non-introspective, non-right-invertible, discrete-time agents with uniform constant communication delay. , $2013, \dots$		1
13	Synchronization in a heterogeneous network of discrete-time introspective right-invertible agents. , 2013, , .		3
14	\hat{a} , \mathbb{C} < inf > \hat{a}^2 < /inf > almost regulated synchronization and \hat{a} , \mathbb{C} < inf > \hat{a}^2 < /inf > almost formation for heterogeneous networks under external disturbances. , 2013, , .		0
15	Consensus in the network with uniform constant communication delay. , 2012, , .		3
16	Control of linear systems with input saturation and non-input-additive sustained disturbances $\#x2014$; Continuous-time systems., 2012 ,,.		2
17	Simultaneous external and internal stabilization of linear systems with input saturation and non-input-additive sustained disturbances. Automatica, 2012, 48, 2633-2639.	5.0	4
18	Consensus in the network with uniform constant communication delay. , 2012, , .		1

#	Article	IF	Citations
19	A new low-and-high gain feedback design using MPC for global stabilization of linear systems subject to input saturation. , 2012 , , .		3
20	Control of linear systems with input saturation and non-input-additive sustained disturbances & amp; #x2014; Discrete-time systems., 2012,,.		0
21	Discreteâ€time <i>H</i> ₂ and <i>H</i> _{â^ž} lowâ€gain theory. International Journal of Robust and Nonlinear Control, 2012, 22, 743-762.	3.7	6
22	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
23	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
24	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
25	Control of linear systems with input saturation and matched uncertainty and disturbance. , 2011, , .		4
26	H< inf> 2< / inf> and ~H< inf> & amp; #x221E; & lt; / inf> low-gain~theory.~,~2011,~,~.		1
27	Discrete-time H2 and Hâ^ž low-gain theory. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 11411-11416.	0.4	1
28	Stabilization of nonlinear sandwich systems via state feedback—Discreteâ€time systems. International Journal of Robust and Nonlinear Control, 2011, 21, 1841-1864.	3.7	7
29	Using deliberate-delay decentralized controllers to stop spread dynamics in canonical network models. , 2011, , .		5
30	Remarks on the relationship between & amp; $\#x2112$; & lt; inf> p< /inf> stability and internal stability of nonlinear systems., 2011,,.		1
31	Simultaneous global external and internal stabilization of linear time-invariant discrete-time systems subject to actuator saturation. , $2011, \ldots$		0
32	Semiâ€global stabilization of discreteâ€ŧime systems subject to nonâ€right invertible constraints. International Journal of Robust and Nonlinear Control, 2010, 20, 1234-1254.	3.7	4
33	Semiglobal stabilization of sandwich systems by dynamic output feedback. , 2010, , .		2
34	Stabilization of sandwich non-linear systems with low-and-high gain feedback design. , 2010, , .		4
35	Stabilization of a Class of Sandwich Systems Via State Feedback \$ \$. IEEE Transactions on Automatic Control, 2010, 55, 2156-2160.	5.7	12
36	Stabilization of Multiple-Input Multiple-Output Linear Systems With Saturated Outputs \$ \$. IEEE Transactions on Automatic Control, 2010, 55, 2160-2164.	5.7	22

#	Article	IF	CITATIONS
37	Stabilization of a class of sandwich nonlinear systems via state feedback. , 2009, , .		2
38	Computation of the recoverable region and stabilisation problem in the recoverable region for discrete-time systems. International Journal of Control, 2009, 82, 1870-1881.	1.9	4
39	On the structure of graph edge designs that optimize the algebraic connectivity. , 2008, , .		13