

Ji-Chang Lo

List of Publications by Year in descending order

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36
papers

725
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docs citations

37
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370
citing authors

#	ARTICLE	IF	CITATIONS
1	Polynomial static output feedback H^∞ control via homogeneous Lyapunov functions. International Journal of Robust and Nonlinear Control, 2019, 29, 1639-1659.	3.7	13
2	Polynomial Fuzzy Observed-State Feedback Stabilization via Homogeneous Lyapunov Methods. IEEE Transactions on Fuzzy Systems, 2018, 26, 2873-2885.	9.8	11
3	A novel stabilization condition for T-S polynomial fuzzy system with time-delay: A sum-of-squares approach. , 2016, , .		2
4	SOS-based fuzzy stability analysis via homogeneous Lyapunov functions. , 2014, , .		8
5	Polynomial fuzzy-model-based control systems: Stability analysis via RHS copositive relaxation. , 2013, , .		2
6	New LMI Formulation For Observed-State Feedback Stabilization. , 2012, , .		1
7	Sum of squares solutions assuring non-quadratic discrete stability. , 2011, , .		1
8	Copositive relaxations to parameter-dependent Lyapunov functions. , 2011, , .		0
9	Stabilization of fuzzy systems with input and state delays. , 2010, , .		0
10	Stabilization of fuzzy retarded systems with input and state delays. , 2010, , .		5
11	LMI relaxations for non-quadratic discrete stabilization via Pólya Theorem. , 2009, , .		2
12	Relaxation analysis via line integral. , 2009, , .		5
13	LMI relaxations for nonlinear fuzzy control systems via homogeneous polynomials. , 2008, , .		8
14	Dissipative filtering for discrete fuzzy systems. , 2008, , .		4
15	Existence of Similarity Transformation Converting BMIs to LMIs. IEEE Transactions on Fuzzy Systems, 2007, 15, 840-851.	9.8	38
16	Robust H^∞ control for fuzzy systems with Frobenius norm-bounded uncertainties. IEEE Transactions on Fuzzy Systems, 2006, 14, 1-15.	9.8	35
17	Robust Mixed H_2/H^∞ Fuzzy Control via Static Output Feedback. , 2006, , .		1
18	Robust H^∞ nonlinear modeling and control via uncertain fuzzy systems. Fuzzy Sets and Systems, 2004, 143, 189-209.	2.7	42

#	ARTICLE	IF	CITATIONS
19	Observer-Based Robust H_{∞} Control for Fuzzy Systems Using Two-Step Procedure. IEEE Transactions on Fuzzy Systems, 2004, 12, 350-359.	9.8	128
20	Comments on "Generalization of stability criterion for Takagi-Sugeno continuous fuzzy model". Fuzzy Sets and Systems, 2003, 140, 387-391.	2.7	1
21	Robust H_{∞} nonlinear control via fuzzy static output feedback. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 2003, 50, 1494-1502.	0.1	127
22	Stability issues on Takagi-Sugeno fuzzy model-parametric approach. IEEE Transactions on Fuzzy Systems, 1999, 7, 597-607.	9.8	30
23	A heuristic error-feedback learning algorithm for fuzzy modeling. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 1999, 29, 686-691.	2.9	22
24	Decoupled fuzzy sliding-mode control. IEEE Transactions on Fuzzy Systems, 1998, 6, 426-435.	9.8	219
25	An uncertain structure on Takagi-Sugeno fuzzy model. , 0, , .		1
26	Fuzzy stability analysis using interlacing condition. , 0, , .		0
27	Robust H_{∞} fuzzy control via dynamic output feedback for discrete-time systems. , 0, , .		8
28	Static nonlinear output feedback H_2 control for T-S fuzzy models. , 0, , .		4
29	Robust H_2 fuzzy control via dynamic output feedback for discrete-time systems. , 0, , .		0
30	Exponential stability of filtering problems for delay fuzzy systems. , 0, , .		6
31	Feedback control via Popov for fuzzy systems with input saturations. , 0, , .		1
32	State feedback via circle criterion for fuzzy systems subject to input saturations. , 0, , .		0
33	H_{∞} Filtering for Fast-Varying-Delay Takagi-Sugeno Fuzzy Systems. , 0, , .		0
34	Observer-Based Control for Sampled-Data Fuzzy Systems. , 0, , .		0
35	Current observer for sampled-data fuzzy systems. , 0, , .		0
36	H_{∞} output feedback control for delay takagi-sugeno fuzzy systems. , 0, , .		0