

Chang-Hua Lien

List of Publications by Year in descending order

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54
papers

1,123
citations

471509

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395702

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docs citations

54
times ranked

564
citing authors

#	ARTICLE	IF	CITATIONS
1	Robust mixed performance of uncertain switched systems with interval time-varying delay by synchronous switching on signal and sampled-data input. International Journal of Robust and Nonlinear Control, 2022, 32, 917.	3.7	1
2	Mixed performance for robust fuzzy control of nonlinear autonomous surface vehicle via Tâ€š model approach. Asian Journal of Control, 2022, 24, 1059-1073.	3.0	5
3	Robust Mixed Performance Control of Uncertain T-S Fuzzy Systems With Interval Time-Varying Delay by Sampled-Data Input. IEEE Access, 2022, 10, 28109-28121.	4.2	3
4	Robust mixed performance control of uncertain \mathcal{L}_1 fuzzy \mathcal{L}_2 delay systems with aperiodic sampled-data input. Optimal Control Applications and Methods, 2021, 42, 744-768.	2.1	4
5	Reachable Set and Robust Mixed Performance of Uncertain Discrete Systems with Interval Time-Varying Delay and Linear Fractional Perturbations. Mathematics, 2021, 9, 2763.	2.2	1
6	Robust Mixed Performance of Continuous Switched Systems with Time Delay. Asian Journal of Control, 2020, 22, 988-998.	3.0	4
7	Robust mixed H_2 and passive switching control for uncertain discrete switched systems with time delay. IMA Journal of Mathematical Control and Information, 2020, 37, 422-440.	1.7	5
8	Mixed performance analysis of continuous switched systems with time-varying random delay. Asian Journal of Control, 2020, 22, 2156-2166.	3.0	6
9	Aperiodic sampled-data robust H_∞ control of uncertain continuous switched time-delay systems with novel synchronous switching signal selection. International Journal of Systems Science, 2020, 51, 2005-2024.	5.5	3
10	Robust mixed performance of uncertain switched systems with random time-varying delay. International Journal of Systems Science, 2019, 50, 1415-1433.	5.5	6
11	Design a DC Solid-State Circuit Breaker for smart grid application. , 2019, , .		3
12	Simple switching signal design for H_∞ control of uncertain switched time-delay systems with random time-varying delay and control of switched time-delay systems. Nonlinear Analysis: Hybrid Systems, 2018, 29, 203-220.	3.5	14
13	Mixed Performance of Switched Systems with Time-varying Random Delay. , 2018, , .		1
14	Robust mixed performance switching control for uncertain discrete switched systems with time delay. International Journal of Systems Science, 2018, 49, 2144-2154.	5.5	4
15	H_∞ analysis and switching control for uncertain discrete switched time-delay systems by discrete Wirtinger inequality. Advances in Difference Equations, 2017, 2017, .	3.5	3
16	Passivity analysis and passive control for uncertain discrete switched time-delay systems via a simple switching signal design. Advances in Difference Equations, 2016, 2016, .	3.5	3
17	Global exponential stability of switched systems with interval time-varying delays and multiple non-linearities via simple switching signal design. IMA Journal of Mathematical Control and Information, 2016, 33, 1135-1155.	1.7	10
18	Novel delay-partitioning approach on stability of uncertain discrete switched time-delay systems via switching signal design. IMA Journal of Mathematical Control and Information, 2016, 33, 843-857.	1.7	8

#	ARTICLE	IF	CITATIONS
19	Robust reliable guaranteed cost control for uncertain T&E fuzzy neutral systems with interval time-varying delay and linear fractional perturbations. Optimal Control Applications and Methods, 2015, 36, 121-137.	2.1	16
20	Switched Dynamics with Its Applications. Abstract and Applied Analysis, 2014, 2014, 1-3.	0.7	0
21	Robust Exponential Stability for Uncertain Discrete-Time Switched Systems with Interval Time-Varying Delay through a Switching Signal. Journal of Applied Research and Technology, 2014, 12, 1187-1197.	0.9	16
22	Robust Exponential Stability of Uncertain Discrete-Time Systems with Interval Time-Varying Delay. Lecture Notes in Electrical Engineering, 2014, , 461-468.	0.4	0
23	Robust H_{∞} switching control and switching signal design for uncertain discrete switched systems with interval time-varying delay. Journal of the Franklin Institute, 2014, 351, 565-578.	3.4	25
24	Robust filtering for discrete switched systems with interval time-varying delay. Signal Processing, 2014, 94, 661-669.	3.7	18
25	Robust H_{∞} filter design for discrete-time switched systems with interval time-varying delay and linear fractional perturbations: LMI optimization approach. Applied Mathematics and Computation, 2013, 219, 11395-11407.	2.2	9
26	H_{∞} performance for uncertain discrete switched systems with interval time-varying delay via switching signal design. Applied Mathematical Modelling, 2013, 37, 2484-2494.	4.2	21
27	Marine Engineering and Applications. Mathematical Problems in Engineering, 2013, 2013, 1-2.	1.1	0
28	Switching signal design for exponential stability of discrete switched systems with interval time-varying delay. Journal of the Franklin Institute, 2012, 349, 2182-2192.	3.4	15
29	Robust delay-dependent control for uncertain switched time-delay systems via sampled-data state feedback input. Computers and Mathematics With Applications, 2012, 64, 1187-1196.	2.7	25
30	Passivity analysis for uncertain discrete switched systems with interval time-varying delay. , 2012, , .		0
31	Robust H_{∞} switching control for uncertain discrete switched time-delay systems. , 2012, , .		0
32	Stability analysis for Cohen-Grossberg neural networks with time-varying delays via LMI approach. Expert Systems With Applications, 2011, 38, 6360-6367.	7.6	10
33	Switching signal design for global exponential stability of uncertain switched nonlinear systems with time-varying delay. Nonlinear Analysis: Hybrid Systems, 2011, 5, 10-19.	3.5	46
34	Guaranteed cost control for uncertain fuzzy time-delay systems with sampled-data input. , 2011, , .		0
35	Robust control for uncertain T&E fuzzy time-delay systems with sampled-data input and nonlinear perturbations. Nonlinear Analysis: Hybrid Systems, 2010, 4, 550-556.	3.5	21
36	Switching signal design for stability of switched systems with time-varying delay. , 2010, , .		0

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37	Guaranteed cost control for uncertain non-linear systems with time-varying delays using Tâ€‘S fuzzy model. <i>International Journal of General Systems</i> , 2009, 38, 485-504.	2.5	6
38	Exponential stability analysis for uncertain switched neutral systems with interval-time-varying state delay. <i>Nonlinear Analysis: Hybrid Systems</i> , 2009, 3, 334-342.	3.5	53
39	Hâˆž control for uncertain Takagiâ€‘Sugeno fuzzy systems with time-varying delays and nonlinear perturbations. <i>Chaos, Solitons and Fractals</i> , 2009, 39, 1426-1439.	5.1	10
40	Exponential convergence rate estimation for uncertain delayed neural networks of neutral type. <i>Chaos, Solitons and Fractals</i> , 2009, 40, 2491-2499.	5.1	18
41	Global exponential stability for uncertain bidirectional associative memory neural networks with multiple time-varying delays via LMI approach. <i>International Journal of Circuit Theory and Applications</i> , 2008, 36, 451-471.	2.0	9
42	Stability conditions for Cohenâ€‘Grossberg neural networks with time-varying delays. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2008, 372, 2264-2268.	2.1	8
43	Robust reliable Hâˆž control for uncertain nonlinear systems via LMI approach. <i>Applied Mathematics and Computation</i> , 2008, 198, 453-462.	2.2	74
44	Robust control for Takagiâ€‘Sugeno fuzzy systems with time-varying state and input delays. <i>Chaos, Solitons and Fractals</i> , 2008, 35, 1003-1008.	5.1	44
45	Robust Hâˆž control for uncertain Tâ€‘S fuzzy systems with state and input delays. <i>Chaos, Solitons and Fractals</i> , 2008, 37, 150-156.	5.1	8
46	Stability criteria for uncertain neutral systems with interval time-varying delays. <i>Chaos, Solitons and Fractals</i> , 2008, 38, 650-657.	5.1	134
47	Global Exponential Stability for Uncertain Delayed Neural Networks of Neutral Type With Mixed Time Delays. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2008, 38, 709-720.	5.0	59
48	Non-fragile guaranteed cost control for uncertain neutral dynamic systems with time-varying delays in state and control input. <i>Chaos, Solitons and Fractals</i> , 2007, 31, 889-899.	5.1	85
49	Stabilization for uncertain Takagiâ€‘Sugeno fuzzy systems with time-varying delays and bounded uncertainties. <i>Chaos, Solitons and Fractals</i> , 2007, 32, 645-652.	5.1	14
50	Delay-dependent and delay-independent guaranteed cost control for uncertain neutral systems with time-varying delays via LMI approach. <i>Chaos, Solitons and Fractals</i> , 2007, 33, 1017-1027.	5.1	39
51	Hâˆž non-fragile observer-based controls of dynamical systems via LMI optimization approach. <i>Chaos, Solitons and Fractals</i> , 2007, 34, 428-436.	5.1	76
52	Further results on delay-dependent robust stability of uncertain fuzzy systems with time-varying delay. <i>Chaos, Solitons and Fractals</i> , 2006, 28, 422-427.	5.1	60
53	Stability Conditions for a Class of Neutral Systems with Multiple Time Delays. <i>Journal of Mathematical Analysis and Applications</i> , 2000, 245, 20-27.	1.0	115
54	Novel switching signal selection for robust passive sampled-data control of uncertain continuous switched time-delay systems. <i>Asian Journal of Control</i> , 0, , .	3.0	5