

Ker-Wei Yu

List of Publications by Year in descending order

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49
papers

750
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687335

13
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g-index

49
all docs

49
docs citations

49
times ranked

499
citing authors

#	ARTICLE	IF	CITATIONS
1	Stability criteria for uncertain neutral systems with interval time-varying delays. <i>Chaos, Solitons and Fractals</i> , 2008, 38, 650-657.	5.1	134
2	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
3	Heat Transfers in Tubes Fitted with Single, Twin, and Triple Twisted Tapes. <i>Experimental Heat Transfer</i> , 2005, 18, 279-294.	3.2	85
4	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
5	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
6	Switching signal design for global exponential stability of uncertain switched nonlinear systems with time-varying delay. <i>Nonlinear Analysis: Hybrid Systems</i> , 2011, 5, 10-19.	3.5	46
7	Nonfragile H_{∞} Control for Uncertain Neutral Systems With Time-Varying Delays via the LMI Optimization Approach. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2007, 37, 493-499.	5.0	28
8	Robust delay-dependent control for uncertain switched time-delay systems via sampled-data state feedback input. <i>Computers and Mathematics With Applications</i> , 2012, 64, 1187-1196.	2.7	25
9	Application of a New Hybrid Fuzzy AHP Model to the Location Choice. <i>Mathematical Problems in Engineering</i> , 2013, 2013, 1-12.	1.1	22
10	Robust control for uncertain Tâ€šS fuzzy time-delay systems with sampled-data input and nonlinear perturbations. <i>Nonlinear Analysis: Hybrid Systems</i> , 2010, 4, 550-556.	3.5	21
11	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
12	A Combined Hard and Soft Variable-Structure Control Scheme for a Class of Nonlinear Systems. <i>IEEE Transactions on Industrial Electronics</i> , 2009, 56, 3305-3313.	7.9	16
13	Robust reliable guaranteed cost control for uncertain Tâ€šS fuzzy neutral systems with interval time-varying delay and linear fractional perturbations. <i>Optimal Control Applications and Methods</i> , 2015, 36, 121-137.	2.1	16
14	An application of AC servo motor by using particle swarm optimization based sliding mode controller. , 2006, , .		10
15	Global exponential stability of switched systems with interval time-varying delays and multiple non-linearities via simple switching signal design. <i>IMA Journal of Mathematical Control and Information</i> , 2016, 33, 1135-1155.	1.7	10
16	Fuzzy Gain Scheduling PID Control Design Based on Particle Swarm Optimization Method. , 2007, , .		8
17	Novel delay-partitioning approach on stability of uncertain discrete switched time-delay systems via switching signal design. <i>IMA Journal of Mathematical Control and Information</i> , 2016, 33, 843-857.	1.7	8
18	Automatic Ship Handling of the Maritime Search Mission using a Self-Tuning Fuzzy Gain Scheduling PD Controller. <i>Journal of Navigation</i> , 1999, 52, 378-387.	1.7	7

#	ARTICLE	IF	CITATIONS
19	Implementation of the State Feedback Control Scheme for a Magnetic Levitation System. , 2007, , .		7
20	Robust mixed performance of uncertain switched systems with random time-varying delay. International Journal of Systems Science, 2019, 50, 1415-1433.	5.5	6
21	Mixed performance analysis of continuous switched systems with time-varying random delay. Asian Journal of Control, 2020, 22, 2156-2166.	3.0	6
22	LMI OPTIMIZATION APPROACH FOR DELAY-DEPENDENT H_2 CONTROL OF TIME-VARYING DELAY SYSTEMS. Asian Journal of Control, 2006, 8, 190-196.	3.0	5
23	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
24	Novel switching signal selection for robust passive sampled-data control of uncertain continuous switched time-delay systems. Asian Journal of Control, 0, , .	3.0	5
25	Mixed performance for robust fuzzy control of nonlinear autonomous surface vehicle via T-S model approach. Asian Journal of Control, 2022, 24, 1059-1073.	3.0	5
26	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
27	Robust Mixed Performance of Continuous Switched Systems with Time Delay. Asian Journal of Control, 2020, 22, 988-998.	3.0	4
28	Robust mixed performance control of uncertain T-S fuzzy time-delay systems with aperiodic sampled-data input. Optimal Control Applications and Methods, 2021, 42, 744-768.	2.1	4
29	Exponential Stability for Switched Systems with Mixed Time Delays. Open Cybernetics and Systemics Journal, 2008, 2, 20-23.	0.3	4
30	A generic stable two-input single-output fuzzy control scheme for nonlinear systems. , 2009, , .		3
31	LQ Regulator Design Based on Particle Swarm Optimization. , 2006, , .		2
32	Parameter Optimization for a Third-Order Sampled-Data Tracker. , 2007, , .		2
33	Switching Signal Design for Global Exponential Stability of Uncertain Switched Neutral Systems. Mathematical Problems in Engineering, 2009, 2009, 1-17.	1.1	2
34	Study on least trimmed squares fuzzy neural networks. , 2010, , .		2
35	Mixed Performance of Switched Systems with Time-varying Random Delay. , 2018, , .		1
36	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

#	ARTICLE	IF	CITATIONS
37	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
38	LMI Stability Criterion for Uncertain Systems with Multiple Time Delays. JSME International Journal Series C-Mechanical Systems Machine Elements and Manufacturing, 2003, 46, 1108-1111.	0.3	0
39	The Represented Model of Wave-Induced Ship's Motions by Using Neural Network. , 2008, , .		0
40	A practical design of fuzzy PD controller and its application to magnetic levitation system. Conference Proceedings IEEE International Conference on Systems, Man, and Cybernetics, 2008, , .	0.0	0
41	Design of a Fuzzy Logic Controller with a Variable Structure Based Supervisor. , 2008, , .		0
42	Switching signal design for stability of switched systems with time-varying delay. , 2010, , .		0
43	The dynamic measurement system design for Stewart platform by using digital image processing method. , 2011, , .		0
44	Guaranteed cost control for uncertain fuzzy time-delay systems with sampled-data input. , 2011, , .		0
45	Passivity analysis for uncertain discrete switched systems with interval time-varying delay. , 2012, , .		0
46	Robust H_{∞} switching control for uncertain discrete switched time-delay systems. , 2012, , .		0
47	Mathematical Tools of Soft Computing. Mathematical Problems in Engineering, 2014, 2014, 1-3.	1.1	0
48	Robust Exponential Stability of Uncertain Discrete-Time Systems with Interval Time-Varying Delay. Lecture Notes in Electrical Engineering, 2014, , 461-468.	0.4	0
49	Mathematical Tools of Soft Computing 2014. Mathematical Problems in Engineering, 2015, 2015, 1-3.	1.1	0