Won Il Lee

List of Publications by Year
in descending order

24 papers	1,135 citations	687363 13 h-index	888059 17 g-index
24 all docs	24 docs citations	24 times ranked	599 citing authors

#	Article	IF	Citations
1	Affine Besselâ€“Legendre inequality: Application to stability analysis for systems with time-varying delays. Automatica, 2018, 93, 535-539.	5.0	86
2	Orthogonal-polynomials-based integral inequality and its applications to systems with additive time-varying delays. Journal of the Franklin Institute, 2018, 355, 421-435.	3.4	27
3	H<inf>â^ž</inf> Control Based on Partitioning the Range of Fuzzy Weights for Uncertain Discrete-Time T-S Fuzzy Systems. , 2018, , .		0
4	Polynomialsâ€based summation inequalities and their applications to discreteâ€time systems with timeâ€varying delays. International Journal of Robust and Nonlinear Control, 2017, 27, 3604-3619.	3.7	18
5	Polynomials-based integral inequality for stability analysis of linear systems with time-varying delays. Journal of the Franklin Institute, 2017, 354, 2053-2067.	3.4	23
6	Improved stability criteria for linear systems with interval time-varying delays: Generalized zero equalities approach. Applied Mathematics and Computation, 2017, 292, 336-348.	2.2	46
7	A combined reciprocal convexity approach for stability analysis of static neural networks with interval time-varying delays. Neurocomputing, 2017, 221, 168-177.	5.9	18
8	Stability analysis of discrete-time systems with time-varying delays: generalized zero equalities approach. International Journal of Robust and Nonlinear Control, 2017, 27, 981-999.	3.7	11
9	Combined-slack-matrix-based integral inequality: Application to time-delay systems. , 2016, , .		0
10	Improved slack-matrix-based summation inequality and applications to discrete-time systems with time-varying delays. , 2016, , .		1
11	A combined first- and second-order reciprocal convexity approach for stability analysis of systems with interval time-varying delays. Journal of the Franklin Institute, 2016, 353, 2104-2116.	3.4	17
12	New stability analysis for discrete time-delay systems via auxiliary-function-based summation inequalities. Journal of the Franklin Institute, 2016, 353, 5068-5080.	3.4	7
13	Auxiliary function-based integral/summation inequalities: Application to continuous/discrete time-delay systems. International Journal of Control, Automation and Systems, 2016, 14, 3-11.	2.7	45
14	Analysis on stability for linear systems with two additive time-varying delays. , 2015, , .		2
15	Image stitching algorithm for camber measurement in hot rolling process: Cross-correlation approach (ICCAS 2015). , 2015, , .		3
16	Auxiliary function-based integral inequalities for quadratic functions and their applications to time-delay systems. Journal of the Franklin Institute, 2015, 352, 1378-1396.	3.4	643
17	Improved stability criteria for recurrent neural networks with interval time-varying delays via new Lyapunov functionals. Neurocomputing, 2015, 155, 128-134.	5.9	24
18	New stability criteria for linear systems with interval time-varying delays via an extended state vector. , 2015, , .		0

#	Article	IF	Citations
19	Auxiliary Function-based Summation Inequalities for Quadratic Functions and their Application to Discrete-time Delay Systems. IFAC-PapersOnLine, 2015, 48, 203-208.	0.9	8
20	An edge detection algorithm for steel bar in hot rolling process (ICCAS 2014). , 2014, , .		1
21	Improved criteria on robust stability and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si28.gif" overflow="scroll"><mml:mrow><mml:msub><mml:mrow><mml:mi mathvariant="script">H</mml:mi></mml:mrow><mml:mrow><mml:mi>â^ž</mml:mi></mml:mrow></mml:msub></mml:mrow></mml:m performance for linear systems with interval time-varying delays via new triple integral functionals. Applied Mathematics and Computation, 2014, 243, 570-577.	2.2	61
22	Second-order reciprocally convex approach to stability of systems with interval time-varying delays. Applied Mathematics and Computation, 2014, 229, 245-253.	2.2	80
23	Stability on Time Delay Systems: A Survey. Journal of Institute of Control, Robotics and Systems, 2014, 20, 289-297.	0.2	1
24	Stabilization for Takagiâ€“Sugeno fuzzy systems based on partitioning the range of fuzzy weights. Automatica, 2012, 48, 970-973.	5.0	13