Wenyong Duan

List of Publications by Year
in descending order

28 papers	272 citations	933264 10 h-index	940416 16 g-index
28 all docs	28 docs citations	28 times ranked	177 citing authors

#	Article	IF	Citations
1	Improved robust stability criteria for a class of Lur'e systems with interval time-varying delays and sector-bounded nonlinearity. International Journal of Systems Science, 2015, 46, 944-954.	3.7	33
2	Improved Sufficient LMI Conditions for the Robust Stability of Time-delayed Neutral-type Lurâ€™e Systems. International Journal of Control, Automation and Systems, 2018, 16, 2343-2353.	1.6	29
3	Improved stability criteria for uncertain neutral-type Lurׂ³e systems with time-varying delays. Journal of the Franklin Institute, 2014, 351, 4538-4554.	1.9	27
4	Further Stability Analysis for Time-Delayed Neural Networks Based on an Augmented Lyapunov Functional. IEEE Access, 2019, 7, 104655-104666.	2.6	25
5	Improved stability criteria for linear systems with two additive time-varying delays via a novel Lyapunov functional. Journal of Computational and Applied Mathematics, 2020, 363, 312-324.	1.1	25
6	Enhanced masterâ€"slave synchronization criteria for chaotic Lurâ€™e systems based on time-delayed feedback control. Mathematics and Computers in Simulation, 2020, 177, 276-294.	2.4	19
7	Improved Robust Stability Criteria for Timeâ€Delay Lur'e System. Asian Journal of Control, 2017, 19, 139-150.	1.9	18
8	Delay-range-dependent stability criteria for delayed discrete-time Lurâ€™e system with sector-bounded nonlinearities. Nonlinear Dynamics, 2014, 78, 135-145.	2.7	16
9	Exponential Stabilization of Timeâ€varying Delayed Complexâ€valued Memristorâ€based Neural Networks Via Impulsive Control. Asian Journal of Control, 2018, 20, 2290-2301.	1.9	13
10	Synchronization Criteria for Neutral Complex Dynamic Networks with Interal Timeâ€Varying Coupling Delays. Asian Journal of Control, 2013, 15, 1385-1396.	1.9	10
11	New Results on Stability Analysis of Uncertain Neutral-Type Lurâ€™e Systems Derived from a Modified Lyapunov-Krasovskii Functional. Complexity, 2019, 2019, 1-20.	0.9	9
12	An enhanced stability criterion for linear time-delayed systems via new Lyapunovâ€"Krasovskii functionals. Advances in Difference Equations, 2020, 2020, .	3.5	9
13	Enhanced Stability Criteria of Network-Based Load Frequency Control of Power Systems with Time-Varying Delays. Energies, 2021, 14, 5820.	1.6	9
14	New Robust Stability Criteria for Lurâ€™e Systems with Time-varying Delays and Sector-bounded Nonlinearities. International Journal of Control, Automation and Systems, 2021, 19, 596-606.	1.6	8
15	Delay-Dependent Stability Analysis of Modular Microgrid With Distributed Battery Power and SoC Consensus Tracking. IEEE Access, 2019, 7, 101125-101138.	2.6	6
16	Improved robust stability criteria for uncertain linear neutralâ€type systems via novel Lyapunovâ€Krasovskii functional. Asian Journal of Control, 2020, 22, 976-987.	1.9	6
17	An improved stability criterion for linear time-varying delay systems. Automatika, 2020, 61, 229-237.	1.2	5
18	Adaptive Pitch Control of Variable-Pitch PMSG Based Wind Turbine. Applied Sciences (Switzerland), 2019, 9, 4109.	1.3	2

#	Article	IF	Citations
19	Robust stability analysis for Lur'e system with multiple time-varying delays. , 2014, , .		1
20	Finite-time output synchronization for complex dynamical networks with time-varying delays. , 2016, , .		1
21	Optimization and Hâˆž Performance Analysis for Load Frequency Control of Power Systems With Time-Varying Delays. Frontiers in Energy Research, 2021, 9, .	1.2	1
22	Improved robust stability criteria for uncertain discrete-time Lur'e systems with interval time-delay. , 2014, , .		0
23	Comment on â€œFurther improvement on delay-range-dependent robust absolute stability for Lur׳e uncertain systems with interval time-varying delaysâ€•by P. LiuÂ[ISA Trans. 58(2015)58â€"66]. ISA Transactions, 2016, 65, 241-243.	3.1	0
24	Finite frequency H<inf>âˆž</inf> filtering for continuous 2-D roesser systems. , 2017, , .		0
25	Improved synchronization criteria for time-delayed chaotic Lur'e systems using sampled-data control. Journal of Physics: Conference Series, 2017, 814, 012022.	0.3	0
26	Stability Analysis for Markov Jump Lur'e Systems with Time-Varying Delays. , 2018, , .		0
27	Decentralized backstepping adaptive iterative learning control for a class of interconnected nonlinear systems. , 2018, , .		0
28	Research of Fault-tolerant Control Strategy for Cascaded STATCOM. International Journal of Control and Automation, 2017, 10, 229-240.	0.3	0