Lei Zhou

List of Publications by Year
in descending order

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		567281	454955
39	982	15	30
papers	citations	h-index	g-index

39	39	39	690
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Stability analysis of switched linear singular systems. Automatica, 2013, 49, 1481-1487.	5.0	182
2	Event-Triggered Control of Continuous-Time Switched Linear Systems. IEEE Transactions on Automatic Control, 2019, 64, 1710-1717.	5.7	150
3	Synchronization of chaotic Lurâ€™e systems with quantized sampled-data controller. Communications in Nonlinear Science and Numerical Simulation, 2014, 19, 2039-2047.	3.3	85
4	New Results on Stability Analysis of Markovian Switching Singular Systems. IEEE Transactions on Automatic Control, 2019, 64, 2084-2091.	5.7	63
5	Event-triggered Hâˆž filtering of continuous-time switched linear systems. Signal Processing, 2017, 141, 343-349.	3.7	62
6	Event-triggered<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msub><mml:mrow><mml:mi mathvariant="script">H</mml:mi></mml:mrow><mml:mrow><mml:mi>âˆž</mml:mi></mml:mrow></mml:msub></mml:math>filtering of discrete-time switched linear systems. ISA Transactions, 2018, 77, 112-121.	5.7	55
7	Event-triggered control of discrete-time switched linear systems with network transmission delays. Automatica, 2020, 111, 108585.	5.0	55
8	Detection and stabilization for discrete-time descriptor systems via a limited capacity communication channel. Automatica, 2009, 45, 2272-2277.	5.0	42
9	Event-triggered control of discrete-time switched linear systems with packet losses. Applied Mathematics and Computation, 2018, 333, 344-352.	2.2	41
10	Network synchronization and application of chaotic Lurâ€™e systems based on event-triggered mechanism. Nonlinear Dynamics, 2016, 83, 2497-2507.	5.2	33
11	Conditions for stability of linear continuous Markovian switching singular systems. IET Control Theory and Applications, 2014, 8, 168-174.	2.1	24
12	A note on the existence of a solution and stability for Lipschitz discrete-time descriptor systems. Automatica, 2011, 47, 1525-1529.	5.0	23
13	Event-triggered Hâˆž filtering for discrete-time systems over unreliable networks with package dropouts. Neurocomputing, 2016, 218, 346-353.	5.9	21
14	Stabilization of switched linear singular systems with state reset. Journal of the Franklin Institute, 2019, 356, 237-247.	3.4	19
15	Robust Stability of Singularly Perturbed Descriptor Systems With Nonlinear Perturbation. IEEE Transactions on Automatic Control, 2011, 56, 858-863.	5.7	18
16	Simultaneous semi-global -stabilization and asymptotical stabilization for singular systems subject to input saturation. Systems and Control Letters, 2012, 61, 403-411.	2.3	15
17	Network-Based Control of Discrete-Time Descriptor Systems with Random Delays. Circuits, Systems, and Signal Processing, 2011, 30, 1055-1070.	2.0	14
18	Event-Triggered Synchronization of Switched Nonlinear System Based on Sampled Measurements. IEEE Transactions on Cybernetics, 2022, 52, 3531-3538.	9.5	12

#	Article	IF	Citations
19	Observers for a class of nonlinear systems with timeâ€delay. Asian Journal of Control, 2009, 11, 688-693.	3.0	10
20	Detection of singular systems via a limited communication channel with missing measurements. Information Sciences, 2013, 228, 192-202.	6.9	10
21	Input-to-state stability of discrete-time switched nonlinear systems with generalized switching signals. Applied Mathematics and Computation, 2021, 392, 125727.	2.2	10
22	Stability analysis of a class of generalized neural networks with delays. Physics Letters, Section A: General, Atomic and Solid State Physics, 2005, 337, 203-215.	2.1	8
23	Synchronization of a class of switched nonlinear systems based on quantized sampled-data. Communications in Nonlinear Science and Numerical Simulation, 2019, 70, 170-180.	3.3	8
24	Networked Control for Singular Systems Over Unreliable Channel with Limited Capacity. Circuits, Systems, and Signal Processing, 2014, 33, 3443-3455.	2.0	5
25	Stability for impulsive functional differential equations with infinite delays. Acta Mathematica Sinica, English Series, 2010, 26, 909-922.	0.6	4
26	Delay-dependent robust l 2-l âˆž filter design for uncertain delta-operator time delay systems. International Journal of Control, Automation and Systems, 2011, 9, 611-615.	2.7	4
27	Stabilization for nonlinear systems via a limited capacity communication channel with data packet dropout. Journal of Control Theory and Applications, 2010, 8, 111-116.	0.8	2
28	Bipartite synchronization of nonlinear network under signed digraph and switching topologies. , 2020, , .		2
29	Mode-dependent IOSS Conditions for Continuous-time Switched Nonlinear Systems. International Journal of Control, Automation and Systems, 2021, 19, 3580-3587.	2.7	2
30	Robust HÂ filtering for continuous-time linear systems under measurement saturation. IMA Journal of Mathematical Control and Information, 2011, 28, 365-375.	1.7	1
31	Event-triggered stabilization for singular systems based on sampled-data. , 2014, , .		1
32	New Input-to-State Stability Condition for Continuous-Time Switched Nonlinear Systems. Circuits, Systems, and Signal Processing, 2022, 41, 1389-1405.	2.0	1
33	Stabilization of Discrete-time Bilinear Descriptor Systems. , 2006, , .		0
34	Simultaneous L<inf>p</inf>-stabilization and internal stabilization for linear singular systems subject to input saturation. , 2009, , .		0
35	H<inf>∞</inf> state estimation for networked systems with Markov interval delay. , 2012, , .		0
36	H<inf>∞</inf> filtering for Lipschitz nonlinear singularly perturbed descriptor systems. , 2015, , .		0

#	Article	IF	Citations
37	Model-based event-triggered quantized control for linear discrete-time systems. , 2015, , .		0
38	Generalised existence condition and design method for switched nonlinear state-norm estimators. International Journal of Control, 0, , 1-9.	1.9	0
39	Event-Triggered Control of Discrete-Time Switched Linear Systems via Communication Channels with Limited Capacity. Studies in Systems, Decision and Control, 2021, , 171-200.	1.0	0