Tao Li

List of Publications by Year
in descending order

67	1,781	218592	276775
papers	citations	26 h-index	41 g-index

68	68	68	1086
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Robust stabilization for delayed discrete-time fuzzy systems via basis-dependent Lyapunovâ€“Krasovskii function. Fuzzy Sets and Systems, 2005, 151, 139-153.	1.6	136
2	Delay-Slope-Dependent Stability Results of Recurrent Neural Networks. IEEE Transactions on Neural Networks, 2011, 22, 2138-2143.	4.8	108
3	Combined Convex Technique on Delay-Dependent Stability for Delayed Neural Networks. IEEE Transactions on Neural Networks and Learning Systems, 2013, 24, 1459-1466.	7.2	101
4	Robust stability for neural networks with time-varying delays and linear fractional uncertainties. Neurocomputing, 2007, 71, 421-427.	3.5	100
5	Further Results on Delay-Dependent Stability Criteria of Neural Networks With Time-Varying Delays. IEEE Transactions on Neural Networks, 2008, 19, 726-730.	4.8	97
6	A new approach to robust and non-fragile Hâˆž control for uncertain fuzzy systems. Information Sciences, 2007, 177, 5118-5133.	4.0	77
7	Robust fault-tolerant control for flexible spacecraft against partial actuator failures. Nonlinear Dynamics, 2014, 76, 1753-1760.	2.7	64
8	Adaptive RBF neural-networks control for a class of time-delay nonlinear systems. Neurocomputing, 2008, 71, 3617-3624.	3.5	62
9	Exponential stability of recurrent neural networks with time-varying discrete and distributed delays. Nonlinear Analysis: Real World Applications, 2009, 10, 2581-2589.	0.9	62
10	Delay-range-dependent synchronization criterion for Lurâ€™e systems with delay feedback control. Communications in Nonlinear Science and Numerical Simulation, 2009, 14, 1796-1803.	1.7	59
11	Adaptive Fault-Tolerant Stochastic Shape Control With Application to Particle Distribution Control. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2015, 45, 1592-1604.	5.9	51
12	Delayâ€rangeâ€dependent robust stability and stabilization for uncertain systems with timeâ€varying delay. International Journal of Robust and Nonlinear Control, 2008, 18, 1372-1387.	2.1	49
13	Stability analysis of Cohenâ€“Grossberg neural networks with time-varying and distributed delays. Neurocomputing, 2008, 71, 1069-1081.	3.5	45
14	Fault detection and diagnosis for stochastic systems via output PDFs. Journal of the Franklin Institute, 2011, 348, 1140-1152.	1.9	45
15	Adaptive neural control for a class of output feedback time delay nonlinear systems. Neurocomputing, 2009, 72, 1985-1992.	3.5	42
16	Improved stability criteria of neural networks with time-varying delays: An augmented LKF approach. Neurocomputing, 2010, 73, 1038-1047.	3.5	40
17	Non-fragile Hâˆž consensus tracking of nonlinear multi-agent systems with switching topologies and transmission delay via sampled-data control. Information Sciences, 2020, 509, 210-226.	4.0	36
18	Further result on asymptotic stability criterion of neural networks with time-varying delays. Neurocomputing, 2007, 71, 439-447.	3.5	31

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19	Observer-based optimal fault detection using PDFs for time-delay stochastic systems. Nonlinear Analysis: Real World Applications, 2008, 9, 2337-2349.	0.9	31
20	Multi-Bound-Dependent Stability Criterion for Digital Filters With Overflow Arithmetics and Time Delay. IEEE Transactions on Circuits and Systems II: Express Briefs, 2014, 61, 31-35.	2.2	30
21	New delay-variation-dependent stability for neural networks with time-varying delay. Neurocomputing, 2013, 101, 361-369.	3.5	29
22	Finite-time synchronization of coupled reactionâ€“diffusion neural systems via intermittent control. Automatica, 2019, 109, 108564.	3.0	29
23	Quantised feedback sliding mode control of linear uncertain systems. IET Control Theory and Applications, 2014, 8, 479-487.	1.2	28
24	Optimal Fault-Detection Filtering for Non-Gaussian Systems via Output PDFs. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2009, 39, 476-481.	3.4	27
25	Simplified exponential stability analysis for recurrent neural networks with discrete and distributed time-varying delays. Applied Mathematics and Computation, 2008, 205, 465-474.	1.4	26
26	New results on global asymptotic stability analysis for neural networks with time-varying delays. Nonlinear Analysis: Real World Applications, 2009, 10, 554-562.	0.9	26
27	Stability Criteria With Less LMI Variables for Neural Networks With Time-Varying Delay. IEEE Transactions on Circuits and Systems II: Express Briefs, 2008, 55, 1188-1192.	2.2	22
28	Robust adaptive state feedback sliding-mode control of memristor-based Chuaâ€™s systems with input nonlinearity. Applied Mathematics and Computation, 2017, 314, 142-153.	1.4	21
29	Quantized output feedback stabilization for nonlinear discrete-time systems subject to saturating actuator. Nonlinear Dynamics, 2016, 83, 305-317.	2.7	20
30	New Stability Criterion for Fixed-Point State-Space Digital Filters With Generalized Overflow Arithmetic. IEEE Transactions on Circuits and Systems II: Express Briefs, 2012, 59, 443-447.	2.2	19
31	Masterâ€slave synchronization for delayed Lur'e systems using timeâ€delay feedback control. Asian Journal of Control, 2011, 13, 879-892.	1.9	18
32	Improved delay-dependent stability results of recurrent neural networks. Applied Mathematics and Computation, 2012, 218, 9983-9991.	1.4	18
33	Networked-based generalisedH_{â^ž}fault detection filtering for sensor faults. International Journal of Systems Science, 2015, 46, 831-840.	3.7	18
34	LMI stability criterion with less variables for time-delay systems. International Journal of Control, Automation and Systems, 2009, 7, 530-535.	1.6	16
35	Disturbance observer based Hâ^ž control for flexible spacecraft with time-varying input delay. Advances in Difference Equations, 2013, 2013, 142.	3.5	16
36	Improved exponential stability criteria for recurrent neural networks with time-varying discrete and distributed delays. International Journal of Automation and Computing, 2010, 7, 199-204.	4.5	15

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37	Improved delay-dependent bounded real lemma for uncertain time-delay systems. Information Sciences, 2009, 179, 3711-3719.	4.0	14
38	Observer-based quantized control of nonlinear systems with input saturation. Nonlinear Dynamics, 2016, 86, 1157-1169.	2.7	14
39	Output feedback control for uncertain discrete-time hyperbolic fuzzy systems. Engineering Applications of Artificial Intelligence, 2006, 19, 487-499.	4.3	13
40	Robust fault detection filter design for uncertain LTI systems based on new bounded real lemma. International Journal of Control, Automation and Systems, 2009, 7, 644-650.	1.6	13
41	Attitude tracking control for Mars entry vehicle via T-S model with time-varying input delay. Nonlinear Dynamics, 2016, 85, 1749-1764.	2.7	13
42	LMI-BASED ASYMPTOTIC STABILITY ANALYSIS OF NEURAL NETWORKS WITH TIME-VARYING DELAYS. International Journal of Neural Systems, 2008, 18, 257-265.	3.2	12
43	Delay-dependent robust stability criteria for delay neural networks with linear fractional uncertainties. International Journal of Control, Automation and Systems, 2009, 7, 281-287.	1.6	12
44	Fault tolerant tracking of Mars entry vehicles via fuzzy control approach. Fuzzy Sets and Systems, 2019, 371, 123-135.	1.6	11
45	Delay-dependent fault detection and diagnosis using B-spline neural networks and nonlinear filters for time-delay stochastic systems. Neural Computing and Applications, 2008, 17, 405-411.	3.2	9
46	A State Observer for Sensorless Control of Power Converters With Unknown Load Conductance. IEEE Transactions on Power Electronics, 2022, 37, 9187-9199.	5.4	9
47	Fault tolerant shape control for particulate process systems under simultaneous actuator and sensor faults. IET Control Theory and Applications, 2017, 11, 2448-2457.	1.2	7
48	Simultaneous disturbance estimation and fault reconstruction using probability density functions. Applied Mathematics and Computation, 2019, 362, 124561.	1.4	5
49	Faultâ€Tolerant Control Based on Augmented State Estimator and PDF. Asian Journal of Control, 2020, 22, 999-1007.	1.9	5
50	Composite fault tolerant attitude control for flexible satellite system under disturbance and input delay. Applied Mathematics and Computation, 2021, 409, 126419.	1.4	5
51	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="M1"><mml:mrow><mml:msub><mml:mrow><mml:mi>H</mml:mi></mml:mrow><mml:mrow><mml:mi>âˆž</mml:mi></mml:mrow for Flexible Spacecraft with Time-Varying Input Delay. Mathematical Problems in Engineering, 2013, 2013, 1-6.	0.6	4
52	Further Criteria on Masterâ€“Slave Synchronization in Chaotic Lurâ€™e Systems Using Delay Feedback Control. Circuits, Systems, and Signal Processing, 2016, 35, 2992-3014.	1.2	4
53	Fault detection and diagnosis for delay-range-dependent stochastic systems using output PDFs. International Journal of Control, Automation and Systems, 2017, 15, 1701-1709.	1.6	4
54	Delayâ€rangeâ€dependent bounded real lemma for timeâ€delay systems. Asian Journal of Control, 2008, 10, 708-717.	1.9	2

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55	Fault Detection for Non-Gaussian Stochastic Systems with Time-Varying Delay. Mathematical Problems in Engineering, 2013, 2013, 1-8.	0.6	2
56	Probability density function shape control for stochastic systems with time-delay. , 2017, , .		2
57	Delay-Dependent Fault-Tolerant Shape Control for Stochastic Distribution Systems. IEEE Access, 2018, 6, 12727-12735.	2.6	2
58	Fault tolerant shape control for output PDFs tracking of stochastic distribution systems. , 2014, , .		1
59	Containment control for multi-agent systems with input saturation. IMA Journal of Mathematical Control and Information, 2015, , dnv068.	1.1	1
60	Multi-bound-dependent fault-tolerant control for flexible spacecraft under partial loss of actuator effectiveness. , 2016, , .		1
61	Master-slave synchronization for Lur'e systems with interval time-varying delay. , 2017, , .		1
62	Composite attitude fault tolerant tracking control for flexible satellite with time delay. Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering, 2022, 236, 1336-1347.	0.7	1
63	Fuzzy composite attitude tracking control for mars entry vehicles with time delay. , 2016, , .		0
64	Fuzzy fault-tolerant attitude tracking control for Mars Entry Vehicle under partial loss of actuator effectiveness. , 2016, , .		0
65	Multi-bound-dependent fault-tolerant control for flexible spacecraft against partial actuator failures. , 2016, , .		0
66	Fault reconstruction for stochastic distribution system with time-delay. , 2018, , .		0
67	Stability Criteria with Less Variables for Neural Networks with Time-Varying Delay. Lecture Notes in Computer Science, 2008, , 330-337.	1.0	0