

Tao Li

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4032438/publications.pdf>

Version: 2024-02-01

67
papers

1,781
citations

218592

26
h-index

276775

41
g-index

68
all docs

68
docs citations

68
times ranked

1086
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Composite fault tolerant attitude control for flexible satellite system under disturbance and input delay. Applied Mathematics and Computation, 2021, 409, 126419.	1.4	5
4	Fault-Tolerant Control Based on Augmented State Estimator and PDF. Asian Journal of Control, 2020, 22, 999-1007.	1.9	5
5	Non-fragile H_∞ 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
6	Simultaneous disturbance estimation and fault reconstruction using probability density functions. Applied Mathematics and Computation, 2019, 362, 124561.	1.4	5
7	Finite-time synchronization of coupled reaction-diffusion neural systems via intermittent control. Automatica, 2019, 109, 108564.	3.0	29
8	Fault tolerant tracking of Mars entry vehicles via fuzzy control approach. Fuzzy Sets and Systems, 2019, 371, 123-135.	1.6	11
9	Delay-Dependent Fault-Tolerant Shape Control for Stochastic Distribution Systems. IEEE Access, 2018, 6, 12727-12735.	2.6	2
10	Fault reconstruction for stochastic distribution system with time-delay. , 2018, , .		0
11	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
12	Master-slave synchronization for Lur'e systems with interval time-varying delay. , 2017, , .		1
13	Robust adaptive state feedback sliding-mode control of memristor-based Chua's systems with input nonlinearity. Applied Mathematics and Computation, 2017, 314, 142-153.	1.4	21
14	Probability density function shape control for stochastic systems with time-delay. , 2017, , .		2
15	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
16	Multi-bound-dependent fault-tolerant control for flexible spacecraft under partial loss of actuator effectiveness. , 2016, , .		1
17	Fuzzy composite attitude tracking control for mars entry vehicles with time delay. , 2016, , .		0
18	Observer-based quantized control of nonlinear systems with input saturation. Nonlinear Dynamics, 2016, 86, 1157-1169.	2.7	14

#	ARTICLE	IF	CITATIONS
19	Fuzzy fault-tolerant attitude tracking control for Mars Entry Vehicle under partial loss of actuator effectiveness. , 2016, , .		0
20	Multi-bound-dependent fault-tolerant control for flexible spacecraft against partial actuator failures. , 2016, , .		0
21	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
22	Quantized output feedback stabilization for nonlinear discrete-time systems subject to saturating actuator. Nonlinear Dynamics, 2016, 83, 305-317.	2.7	20
23	Further Criteria on Master-Slave Synchronization in Chaotic Lur'e Systems Using Delay Feedback Control. Circuits, Systems, and Signal Processing, 2016, 35, 2992-3014.	1.2	4
24	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
25	Containment control for multi-agent systems with input saturation. IMA Journal of Mathematical Control and Information, 2015, , dnv068.	1.1	1
26	Networked-based generalised H_∞ fault detection filtering for sensor faults. International Journal of Systems Science, 2015, 46, 831-840.	3.7	18
27	Quantised feedback sliding mode control of linear uncertain systems. IET Control Theory and Applications, 2014, 8, 479-487.	1.2	28
28	Robust fault-tolerant control for flexible spacecraft against partial actuator failures. Nonlinear Dynamics, 2014, 76, 1753-1760.	2.7	64
29	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
30	Fault tolerant shape control for output PDFs tracking of stochastic distribution systems. , 2014, , .		1
31	Disturbance observer based H_∞ control for flexible spacecraft with time-varying input delay. Advances in Difference Equations, 2013, 2013, 142.	3.5	16
32	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
33	New delay-variation-dependent stability for neural networks with time-varying delay. Neurocomputing, 2013, 101, 361-369.	3.5	29
34	Fault Detection for Non-Gaussian Stochastic Systems with Time-Varying Delay. Mathematical Problems in Engineering, 2013, 2013, 1-8.	0.6	2
35	$\langle \text{mml:math xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"} \text{ id}=\text{"M1"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle H \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \hat{z} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle$ for Flexible Spacecraft with Time-Varying Input Delay. Mathematical Problems in Engineering, 2013, 2013, 1-6.	0.6	4
36	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

#	ARTICLE	IF	CITATIONS
37	Improved delay-dependent stability results of recurrent neural networks. Applied Mathematics and Computation, 2012, 218, 9983-9991.	1.4	18
38	Delay-Slope-Dependent Stability Results of Recurrent Neural Networks. IEEE Transactions on Neural Networks, 2011, 22, 2138-2143.	4.8	108
39	Master-slave synchronization for delayed Lur'e systems using time-delay feedback control. Asian Journal of Control, 2011, 13, 879-892.	1.9	18
40	Fault detection and diagnosis for stochastic systems via output PDFs. Journal of the Franklin Institute, 2011, 348, 1140-1152.	1.9	45
41	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
42	Improved stability criteria of neural networks with time-varying delays: An augmented LKF approach. Neurocomputing, 2010, 73, 1038-1047.	3.5	40
43	Adaptive neural control for a class of output feedback time delay nonlinear systems. Neurocomputing, 2009, 72, 1985-1992.	3.5	42
44	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
45	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
46	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
47	LMI stability criterion with less variables for time-delay systems. International Journal of Control, Automation and Systems, 2009, 7, 530-535.	1.6	16
48	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
49	Delay-range-dependent synchronization criterion for Lur'e systems with delay feedback control. Communications in Nonlinear Science and Numerical Simulation, 2009, 14, 1796-1803.	1.7	59
50	Improved delay-dependent bounded real lemma for uncertain time-delay systems. Information Sciences, 2009, 179, 3711-3719.	4.0	14
51	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
52	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
53	Delay-range-dependent robust stability and stabilization for uncertain systems with time-varying delay. International Journal of Robust and Nonlinear Control, 2008, 18, 1372-1387.	2.1	49
54	Observer-based optimal fault detection using PDFs for time-delay stochastic systems. Nonlinear Analysis: Real World Applications, 2008, 9, 2337-2349.	0.9	31

#	ARTICLE	IF	CITATIONS
55	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
56	Delay-range-dependent bounded real lemma for time-delay systems. Asian Journal of Control, 2008, 10, 708-717.	1.9	2
57	Stability analysis of Cohen-Grossberg neural networks with time-varying and distributed delays. Neurocomputing, 2008, 71, 1069-1081.	3.5	45
58	Adaptive RBF neural-networks control for a class of time-delay nonlinear systems. Neurocomputing, 2008, 71, 3617-3624.	3.5	62
59	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
60	LMI-BASED ASYMPTOTIC STABILITY ANALYSIS OF NEURAL NETWORKS WITH TIME-VARYING DELAYS. International Journal of Neural Systems, 2008, 18, 257-265.	3.2	12
61	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
62	Stability Criteria with Less Variables for Neural Networks with Time-Varying Delay. Lecture Notes in Computer Science, 2008, , 330-337.	1.0	0
63	A new approach to robust and non-fragile H_∞ control for uncertain fuzzy systems. Information Sciences, 2007, 177, 5118-5133.	4.0	77
64	Further result on asymptotic stability criterion of neural networks with time-varying delays. Neurocomputing, 2007, 71, 439-447.	3.5	31
65	Robust stability for neural networks with time-varying delays and linear fractional uncertainties. Neurocomputing, 2007, 71, 421-427.	3.5	100
66	Output feedback control for uncertain discrete-time hyperbolic fuzzy systems. Engineering Applications of Artificial Intelligence, 2006, 19, 487-499.	4.3	13
67	Robust stabilization for delayed discrete-time fuzzy systems via basis-dependent Lyapunov-Krasovskii function. Fuzzy Sets and Systems, 2005, 151, 139-153.	1.6	136