Dongyan Chen

List of Publications by Year
in descending order

77 papers	**930** citations	623734 **14** h-index	477307 **29** g-index
77 all docs	**77** docs citations	**77** times ranked	**672** citing authors

#	ARTICLE	IF	CITATIONS
1	Competition among supply chains: the choice of financing strategy. Operational Research, 2022, 22, 977-1000.	2.0	3
2	Asymptotic stability and continuity of nonlinear hybrid stochastic differential equation with randomly occurring delay. Stochastics, 2022, 94, 163-190.	1.1	2
3	Annulus-Event-Based Finite-Time Fault Detection for Discrete-Time Nonlinear Systems with Probabilistic Interval Delay and Randomly Occurring Faults. Circuits, Systems, and Signal Processing, 2022, 41, 4818-4847.	2.0	3
4	Design of Sliding-Mode-Based Control for Nonlinear Systems With Mixed-Delays and Packet Losses Under Uncertain Missing Probability. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 3217-3228.	9.3	101
5	Partial-nodes-based state estimation for linear complex networks with randomly occurring sensor delay and stochastic coupling strength. Systems Science and Control Engineering, 2021, 9, 219-231.	3.1	2
6	Resilient Distributed Filtering for Discrete Time-varying Systems with Missing Measurements and Stochastic Uncertainties. International Journal of Control, Automation and Systems, 2021, 19, 1807-1818.	2.7	3
7	Observer-based H_∞ sliding mode control for networked systems subject to communication channel fading and randomly varying nonlinearities. Neurocomputing, 2021, 437, 312-324.	5.9	15
8	Quantized Sliding Mode Control for Networked Markovian Jump Systems under Round-robin Protocol: The Output Feedback Case. International Journal of Control, Automation and Systems, 2021, 19, 2674-2686.	2.7	4
9	Annulus-event-based fault detection for state-saturated nonlinear systems with time-varying delays. Journal of the Franklin Institute, 2021, 358, 8061-8084.	3.4	1
10	Quantised control of delayed Markovian jump systems with partly known transition probabilities. IET Control Theory and Applications, 2021, 15, 372-389.	2.1	1
11	Finite-time asynchronous sliding mode control for Markov jump systems with actuator saturation. Systems Science and Control Engineering, 2021, 9, 748-763.	3.1	1
12	Dynamic model of a supply chain network with sticky price. Operational Research, 2020, 20, 649-670.	2.0	1
13	Robust Fault Detection for Nonlinear Discrete Systems with Data Drift and Randomly Occurring Faults Under Weighted Try-Once-Discard Protocol. Circuits, Systems, and Signal Processing, 2020, 39, 111-137.	2.0	8
14	Adaptive sliding-mode-based control for stochastic nonlinear systems subject to probabilistic interval delay: A delay-fractioning method. Journal of the Franklin Institute, 2020, 357, 1002-1025.	3.4	8
15	An Event-Triggered Approach to Robust Fault Detection for Nonlinear Uncertain Markovian Jump Systems with Time-Varying Delays. Circuits, Systems, and Signal Processing, 2020, 39, 3445-3469.	2.0	16
16	Distributed extended Kalman filtering for state-saturated nonlinear systems subject to randomly occurring cyberattacks with uncertain probabilities. Advances in Difference Equations, 2020, 2020, .	3.5	5
17	Advertising strategies and coordination for supply chain based on consignment platform with delayed effect. Systems Science and Control Engineering, 2020, 8, 162-174.	3.1	4
18	Finite-time memory fault detection filter design for nonlinear discrete systems with deception attacks. International Journal of Systems Science, 2020, 51, 1464-1481.	5.5	37

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19	Application of optimal control to the dynamic advertising decisions for supply chain with multiple delays. Systems Science and Control Engineering, 2020, 8, 141-152.	3.1	3
20	Why and How Does a Supplier Choose Factoring Finance?. Mathematical Problems in Engineering, 2020, 2020, 1-14.	1.1	1
21	Non-fragile Suboptimal Set-membership Estimation for Delayed Memristive Neural Networks with Quantization via Maximum-error-first Protocol. International Journal of Control, Automation and Systems, 2020, 18, 1904-1914.	2.7	7
22	Robust adaptive sliding mode control for discrete singular systems with randomly occurring mixed time-delays under uncertain occurrence probabilities. International Journal of Systems Science, 2020, 51, 987-1006.	5.5	32
23	Set-membership filtering for a class of nonlinear complex networks with mixed time-delays and incomplete measurements. Systems Science and Control Engineering, 2020, 8, 265-276.	3.1	1
24	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e486" altimg="si5.svg"><mml:msub><mml:mrow><mml:mi>H</mml:mi></mml:mrow><mml:mrow><mml:mi>â̂ž</mml:mi></mml:mrow></mml:m... sliding mode control for Markovian jump systems with randomly occurring uncertainties and repeated scalar nonlinearities via delay-fractioning method. ISA Transactions, 2020, 101, 10-22.	5.7	12
25	Nonâ€fragile setâ€membership estimation for sensorâ€saturated memristive neural networks via weighted tryâ€onceâ€discard protocol. IET Control Theory and Applications, 2020, 14, 1671-1680.	2.1	15
26	Resilient state estimation for timeâ€varying uncertain dynamical networks with data packet dropouts and switching topology: an eventâ€triggered method. IET Control Theory and Applications, 2020, 14, 367-377.	2.1	6
27	A Dynamic Event-Triggered Method to Distributed Filtering with Switching Nonlinearities and Redundant Channels. , 2020, , .		0
28	Sliding mode control for Markovian jump repeated scalar nonlinear systems with packet dropouts: The uncertain occurrence probabilities case. Applied Mathematics and Computation, 2019, 362, 124574.	2.2	61
29	Delay-fractioning-based sliding mode control for uncertain nonlinear systems with probabilistic interval delay. , 2019, , .		1
30	â„‹â̂ž Consensus Control of Multi-agent Systems with Round-robin Protocol and Missing Measurements: The Finite-horizon Case. , 2019, , .		0
31	Distributed Filtering with Communication Constraints, Randomly Occurring Nonlinearities and Correlated Noises Over Sensor Networks. , 2019, , .		2
32	New Optimal Control Decisions for Channel System With Lagged Effect: Dynamic Advertising and Pricing Cases. IEEE Access, 2019, 7, 75350-75359.	4.2	5
33	Non-fragile consensus control for nonlinear multi-agent systems with uniform quantizations and deception attacks via output feedback approach. Nonlinear Dynamics, 2019, 96, 243-255.	5.2	38
34	Finite-Time Nonfragile Dissipative Control for Discrete-Time Neural Networks with Markovian Jumps and Mixed Time-Delays. Complexity, 2019, 2019, 1-17.	1.6	3
35	Resilient state estimation for nonlinear complex networks with time-delay under stochastic communication protocol. Neurocomputing, 2019, 346, 38-47.	5.9	16
36	Robust adaptive sliding mode control for delayed singular systems with randomly occurring uncertainty: the uncertain probability case. , 2019, , .		0

#	Article	IF	Citations
37	Quantized Fault Detection for Linear Uncertain Delayed Markovian Jump Systems subject to Missing Measurements. , 2019, , .		0
38	Robust Protocol-Based <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="M1"><mml:mrow><mml:msub><mml:mrow><mml:mi>â„</mml:mi></mml:mrow><mml:mrow><mml:mi>â˜</mml:mi></mml:mrow></mml:msub></mml:mrow></mml:mrow> Consensus Control of Time-Varying Uncertain Multiagent Systems Subject to Missing Measurements. Complexity, 2019, 2019, 1-13.	1.6	1
39	Resilient Set-membership State Estimation for Uncertain Complex Networks with Sensor Saturation under Round-Robin Protocol. International Journal of Control, Automation and Systems, 2019, 17, 3035-3046.	2.7	15
40	New Optimal-Control-Based Advertising Strategies and Coordination of a Supply Chain With Differentiated Products Under Consignment Contract. IEEE Access, 2019, 7, 170703-170714.	4.2	5
41	Variance-constrained filtering for discrete-time genetic regulatory networks with state delay and random measurement delay. International Journal of Systems Science, 2019, 50, 231-243.	5.5	27
42	Variance-constrained resilient $H_{infty }$ state estimation for time-varying neural networks with randomly varying nonlinearities and missing measurements. Advances in Difference Equations, 2019, 2019, .	3.5	7
43	A Sampled-data Approach to Robust Hâˆ State Estimation for Genetic Regulatory Networks with Random Delays. International Journal of Control, Automation and Systems, 2018, 16, 491-504.	2.7	30
44	Event-triggered resilient filtering with stochastic uncertainties and successive packet dropouts via variance-constrained approach. International Journal of General Systems, 2018, 47, 416-431.	2.5	11
45	A resilience approach to state estimation for discrete neural networks subject to multiple missing measurements and mixed time-delays. Neurocomputing, 2018, 272, 74-83.	5.9	11
46	Optimal dynamic promotion strategies in the multiple competing supply chains. Systems Science and Control Engineering, 2018, 6, 398-408.	3.1	1
47	Finite-Time Boundedness Control for Nonlinear Networked Systems with Randomly Occurring Multi-Distributed Delays and Missing Measurements. Mathematical Problems in Engineering, 2018, 2018, 1-13.	1.1	1
48	Distributed Variance-Constrained Filtering for Time-Varying Systems with Multiplicative Noises and Randomly Occurring Nonlinearities over Sensor Networks. , 2018, , .		2
49	Protocol-Based Fault Detection for Discrete Delayed Systems With Missing Measurements: The Uncertain Missing Probability Case. IEEE Access, 2018, 6, 76616-76626.	4.2	12
50	Coordinating Pricing and Advertising Decisions for Supply Chain under Consignment Contract in the Dynamic Setting. Complexity, 2018, 2018, 1-11.	1.6	7
51	A study of dynamic joint promotion strategies in the distribution channel. Systems Science and Control Engineering, 2018, 6, 409-420.	3.1	1
52	Robust Hâˆ control for delayed systems with randomly varying nonlinearities under uncertain occurrence probability via sliding mode method. Systems Science and Control Engineering, 2018, 6, 160-170.	3.1	7
53	Resilient state estimation for complex networks under stochastic communication protocol. , 2018, , .		1
54	A Recursive Approach to Event-based Resilient Filtering for Time-varying Systems with Stochastic Uncertainties. , 2018, , .		1

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55	Design of optimal control strategies for a supply chain with competing manufacturers under consignment contract. Systems Science and Control Engineering, 2018, 6, 171-179.	3.1	5
56	Finite-time H<inf>âˇž</inf> bounded estimation for memristive recurrent neural networks with randomly occurring time-delay and missing measurements. , 2017, , .		0
57	Design of Nonfragile State Estimator for Discrete-Time Genetic Regulatory Networks Subject to Randomly Occurring Uncertainties and Time-Varying Delays. Complexity, 2017, 2017, 1-17.	1.6	4
58	Store-Assistance Management for a Supply Chain with Consumer Return under Consignment Contract. Mathematical Problems in Engineering, 2017, 2017, 1-12.	1.1	1
59	Robust sliding mode control for discrete delayed systems with randomly varying nonlinearities under uncertain occurrence probability. , 2017, , .		0
60	Robust state estimation for delayed genetic regulatory networks using sampled-data. , 2017, , .		0
61	New Stability Criterion for Discrete-Time Genetic Regulatory Networks with Time-Varying Delays and Stochastic Disturbances. Mathematical Problems in Engineering, 2016, 2016, 1-13.	1.1	3
62	New delay-dependent stability condition of genetic regulatory networks with time-varying delays and stochastic perturbations. , 2016, , .		0
63	The study of channel members advertising strategies subject to Nerlove-Arrow model with lagged effect. , 2016, , .		0
64	Coordination of a supply chain with consumer return under vendor-managed consignment inventory and stochastic demand. International Journal of General Systems, 2016, 45, 502-516.	2.5	18
65	Robust stability analysis of delayed genetic regulatory networks with linear fractional parametric uncertainties. , 2016, , .		0
66	New delay-dependent stability criteria of genetic regulatory networks subject to time-varying delays. Neurocomputing, 2016, 207, 763-771.	5.9	23
67	Estimation, filtering and fusion for networked systems with network-induced phenomena: New progress and prospects. Information Fusion, 2016, 31, 65-75.	19.1	137
68	Single facility collection depots location problem with random weights. Operational Research, 2016, 16, 287-299.	2.0	5
69	A recursive approach to non-fragile filtering for networked systems with stochastic uncertainties and incomplete measurements. Journal of the Franklin Institute, 2015, 352, 1946-1962.	3.4	41
70	Reliable guaranteed-cost control for networked systems with randomly occurring actuator failures and fading performance output. International Journal of General Systems, 2015, 44, 129-141.	2.5	9
71	Recursive filtering with stochastic uncertainties and incomplete measurements. , 2014, , .		0
72	Robust H<inf>&#x221E;</inf> sliding mode control for uncertain time-delay stochastic system with packet losses. , 2014, , .		0

#	Article	IF	Citations
73	State estimation for a class of discrete nonlinear systems with randomly occurring uncertainties and distributed sensor delays. International Journal of General Systems, 2014, 43, 387-401.	2.5	120
74	Adaptive fuzzy H<inf>&#x221E;</inf> stabilization for a class of nonlinear time-delay systems. , 2008, , .		0
75	Finite-Time Stabilization of Multi-rate Networked Control System Based on Predictive Control. Circuits, Systems, and Signal Processing, 0, , 1.	2.0	3
76	Partial-Nodes-Based State Estimation for Stochastic Coupled Complex Networks with Random Sensor Delay: An Event-Triggered Communication Method. Circuits, Systems, and Signal Processing, 0, , .	2.0	0
77	Finite€time fault detection for discrete nonlinear systemsÂwith time€varying delays under the dynamic event€triggered mechanism. International Journal of Robust and Nonlinear Control, 0, , .	3.7	3