Li Sheng

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Some remarks on stability of stochastic singular systems with state-dependent noise. Automatica, 2015, 51, 273-277.	3.0	130
2	Relationship Between Nash Equilibrium Strategies and <inline-formula> <tex-math notation="TeX">\$H_{2}/H_{infty}\$</tex-math </inline-formula> Control of Stochastic Markov Jump Systems With Multiplicative Noise. IEEE Transactions on Automatic Control, 2014, 59, 2592-2597.	3.6	92
3	Reliable Data Fusion of Hierarchical Wireless Sensor Networks With Asynchronous Measurement for Greenhouse Monitoring. IEEE Transactions on Control Systems Technology, 2019, 27, 1036-1046.	3.2	77
4	Event-Based \$H_infty \$ State Estimation for Time-Varying Stochastic Dynamical Networks With State- and Disturbance-Dependent Noises. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 2382-2394.	7.2	52
5	Dynamic Event-Triggered State Estimation for Continuous-Time Polynomial Nonlinear Systems With External Disturbances. IEEE Transactions on Industrial Informatics, 2021, 17, 3962-3970.	7.2	48
6	Stochastic H2/Hâ^ž control of nonlinear systems with time-delay and state-dependent noise. Applied Mathematics and Computation, 2015, 266, 429-440.	1.4	46
7	Distributed resilient filtering for time-varying systems over sensor networks subject to Round-Robin/stochastic protocol. ISA Transactions, 2019, 87, 55-67.	3.1	37
8	Some Remarks on General Nonlinear Stochastic \$H_{infty }\$ Control With State, Control, and Disturbance-Dependent Noise. IEEE Transactions on Automatic Control, 2014, 59, 237-242.	3.6	36
9	Fault diagnosis for time-varying systems with multiplicative noises over sensor networks subject to Round-Robin protocol. Neurocomputing, 2019, 346, 65-72.	3.5	33
10	Dissipative control for Markov jump non-linear stochastic systems based on T–S fuzzy model. International Journal of Systems Science, 2014, 45, 1213-1224.	3.7	31
11	Output-Feedback Control for Nonlinear Stochastic Systems With Successive Packet Dropouts and Uniform Quantization Effects. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2016, , 1-11.	5.9	30
12	Distributed fault estimation for delayed complex networks with Round-Robin protocol based on unknown input observer. Journal of the Franklin Institute, 2020, 357, 8678-8702.	1.9	27
13	Estimation of Toolface for Dynamic Point-the-bit Rotary Steerable Systems via Nonlinear Polynomial Filtering. IEEE Transactions on Industrial Electronics, 2022, 69, 7192-7201.	5.2	27
14	Iterative Learning Fault-Tolerant Control for Networked Batch Processes with Multirate Sampling and Quantization Effects. Industrial & amp; Engineering Chemistry Research, 2017, 56, 2515-2525.	1.8	26
15	display="inline" id="mml10" overflow="scroll"> <mml:msub><mml:mrow><mml:mi>H</mml:mi></mml:mrow><mml:mrow><mml:mn>2control for stochastic time-varying multi-agent systems with<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si11.gif" disp. Systems and Control Letters.</mml:math </mml:mn></mml:mrow></mml:msub>	ml:mŋ,> <td>nml:mrow><!--</td--></td>	nml:mrow> </td
16	2017, 107, 58-67. Distributed Intermittent Fault Detection for Linear Stochastic Systems Over Sensor Network. IEEE Transactions on Cybernetics, 2022, 52, 9208-9218.	6.2	24
17	Dynamic Stationary Subspace Analysis for Monitoring Nonstationary Dynamic Processes. Industrial & Engineering Chemistry Research, 2020, 59, 20787-20797.	1.8	24
18	Delay-dependent Hâ^ž synchronization for chaotic neural networks with network-induced delays and packet dropouts. Neurocomputing, 2016, 214, 7-15.	3.5	22

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19	Delay-distribution-dependentHâ^žstate estimation for delayed neural networks with(x,v)-dependent noises and fading channels. Neural Networks, 2016, 84, 102-112.	3.3	22
20	Finite-horizon state estimation for time-varying complex networks with random coupling strengths under Round-Robin protocol. Journal of the Franklin Institute, 2018, 355, 7417-7442.	1.9	22
21	Adaptive fault-tolerant control for nonlinear high-order fully-actuated systems. Neurocomputing, 2022 495 75-85 Infinite horizon <mml:math <="" altimg="si1.gif" overflow="scroll" td=""><td>3.5</td><td>21</td></mml:math>	3.5	21
22	xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd"	1.6	19
23	xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/x Fault estimation for nonlinear systems with sensor gain degradation and stochastic protocol based on strong tracking filtering. Systems Science and Control Engineering, 2021, 9, 60-70.	1.8	19
24	Robust <mml:math <br="" altimg="si0006.gif" xmlns:mml="http://www.w3.org/1998/Math/MathML">overflow="scroll"><mml:msub><mml:mrow><mml:mi>H</mml:mi></mml:mrow><mml:mrow><mml:mo>â^ž</mml:mo></mml:mrow></mml:msub></mml:math>	/mml;mo><	/mml;mrow><
25	xmlns:xocs="http://www.elsevier.com/xmi/xocs/dtd" xmlns:xs= http://www.w3.org/2001/XMLSchema xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd"	3.5	15
26	Finite horizon <i>H</i> Kanhsebe "http://www.clsovien.com/km/common/struct-bioldtd"Finite horizon<i>H</i>Sub>2/<i>H</i>_{â[*]Z}control of timeâ€varying stochastic systemswith Markov jumps and (<i>x</i>,<i>u</i>,<i>v</i>)â€dependent noise. IET Control Theory andApplications, 2014, 8, 1354-1363.	1.2	14
27	Distributed Fault Estimation for Time-Varying Multi-Agent Systems With Sensor Faults and Partially Decoupled Disturbances. IEEE Access, 2019, 7, 147905-147913.	2.6	14
28	Event-based fault detection for T–S fuzzy systems with packet dropouts and (x, ν)-dependent noises. Signal Processing, 2017, 138, 211-219.	2.1	12
29	Intermittent fault detection for discrete―time linear stochastic systems with time delay. IET Control Theory and Applications, 2020, 14, 511-518.	1.2	12
30	A Feature Weighted Mixed Naive Bayes Model for Monitoring Anomalies in the Fan System of a Thermal Power Plant. IEEE/CAA Journal of Automatica Sinica, 2022, 9, 719-727.	8.5	12
31	Iterative learning fault-tolerant control for networked batch processes with event-triggered transmission strategy and data dropouts. Systems Science and Control Engineering, 2018, 6, 44-53.	1.8	11
32	Mixed H 2 / H â^ž control of timeâ€varying stochastic discreteâ€ŧime systems under uniform detectability. IET Control Theory and Applications, 2014, 8, 1866-1874.	1.2	10
33	Event-based Hâ^ž fault estimation for networked time-varying systems with randomly occurring nonlinearities and (x, v)-dependent noises. Neurocomputing, 2018, 285, 220-229.	3.5	10
34	Intermittent fault detection for linear discrete-time stochastic multi-agent systems. Applied Mathematics and Computation, 2021, 410, 126480.	1.4	10
35	Spectral characterisation for stability and stabilisation of linear stochastic systems with Markovian switching and its applications. IET Control Theory and Applications, 2013, 7, 730-737.	1.2	8
36	Robust stability of Markovian jump discrete-time neural networks with partly unknown transition probabilities and mixed mode-dependent delays. International Journal of Systems Science, 2013, 44, 252-264.	3.7	8

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37	Sensor fault detection and minimum detectable fault analysis for dynamic point-the-bit rotary steerable system. ISA Transactions, 2022, 127, 108-119.	3.1	8
38	State estimation for neural networks with random delays and stochastic communication protocol. Systems Science and Control Engineering, 2018, 6, 54-63.	1.8	7
39	Uniform Quantized Synchronization for Chaotic Neural Networks with Successive Packet Dropouts. Asian Journal of Control, 2019, 21, 639-646.	1.9	7
40	Consensusâ€based unscented Kalman filtering over sensor networks with communication protocols. International Journal of Robust and Nonlinear Control, 2021, 31, 6349-6368.	2.1	7
41	Polynomial filtering for nonlinear stochastic systems with state―and disturbanceâ€dependent noises. International Journal of Robust and Nonlinear Control, 2020, 30, 4726-4743.	2.1	6
42	Distributed Fault-Tolerant State Estimation for a Class of Nonlinear Systems Over Sensor Networks With Sensor Faults and Random Link Failures. IEEE Systems Journal, 2022, 16, 6328-6337.	2.9	6
43	On meanâ€square <i>H</i> _{<i>â^ž</i>} control for discreteâ€time nonlinear stochastic systems with <i>(x, u, ν)</i> â€dependent noises. International Journal of Robust and Nonlinear Control, 2019, 29, 882-893.	2.1	5
44	Finite-horizon <i>H</i> _{â^ž} state estimation for time-varying complex networks based on the outputs of partial nodes. Systems Science and Control Engineering, 2021, 9, 48-59.	1.8	5
45	Intermittent fault detection for delayed stochastic systems over sensor networks. Journal of the Franklin Institute, 2021, 358, 6878-6896.	1.9	5
46	Fault-tolerant state estimation for stochastic systems over sensor networks with intermittent sensor faults. Applied Mathematics and Computation, 2022, 416, 126723.	1.4	5
47	RobustH2/Hâ^žFilter Design for a Class of Nonlinear Stochastic Systems with State-Dependent Noise. Mathematical Problems in Engineering, 2012, 2012, 1-16.	0.6	4
48	Sensor fault detection for dynamic pointâ€theâ€bit rotary steerable system via finiteâ€frequency domain observer and zonotope residual evaluation. IET Control Theory and Applications, 2022, 16, 429-442.	1.2	4
49	Sensor Fault Detection and Isolation in Toolface Control of Rotary Steerable Drilling System. , 2019, ,		3
50	Minimal-order observer-based distributed fault detection and isolation for stochastic multi-agent systems. Journal of the Franklin Institute, 2022, 359, 5056-5077.	1.9	3
51	Distributed consensus-based unscented Kalman filtering with missing measurements. , 2017, , .		2
52	Hâ^ž consensus control with spectrum constraints for stochastic multi-agent systems subject to (x, u,) Tj ETQqO	0 0 rgBT /	Overlock 10 ⁻

53	Global Smooth Path Planning for Mobile Robots Using a Novel Adaptive Particle Swarm Optimization. , 2019, , .	2
54	Multiperiodicity and attractivity analysis for a class of high-order Cohen-Grossberg neural	1

networks. , 2012, , .

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#	Article	IF	CITATIONS
55	Fault detection for networked control systems with (x, v)-dependent noises and multiple packet dropouts. , 2017, , .		1
56	Static output feedback <i>H</i> ₂ / <i>H</i> _{â^ž} control with spectrum constraints for stochastic systems subject to multiplicative noises. Systems Science and Control Engineering, 2018, 6, 118-125.	1.8	1
57	Centralized movingâ€horizon estimation for a class ofÂnonlinear dynamical complex networks under eventâ€triggered transmission scheme. International Journal of Robust and Nonlinear Control, 2022, 32, 3872-3889.	2.1	1
58	Federated strong tracking filtering for nonlinear systems with multiple sensors. Transactions of the Institute of Measurement and Control, 2022, 44, 3141-3153.	1.1	1
59	Delay-dependent stability for uncertain stochastic neural networks with distributed delays. , 2012, , .		Ο
60	Exact detectability of linear discrete-time time-varying stochastic systems. , 2014, , .		0
61	Fuzzy approach to H <inf>∞</inf> filtering for delayed nonlinear stochastic systems. , 2014, , .		Ο
62	Intelligent Fault Diagnosis Method for Coupling Rotating Machinery Based on Deep Convolutional Neural Network. , 2019, , .		0
63	Static Output Feedback Hâ^ž Control with Spectrum Constraints for Stochastic Systems Subject to (x,u,v)-Dependent Noises and Packet Dropouts. , 2019, , .		Ο
64	State Estimation for Stochastic Systems with Coding-Decoding Scheme and Packet Dropouts. , 2021, , .		0
65	Fault Detection in Finite Frequency Domain for Networked Multi-Rate Systems under Stochastic Communication Protocol. , 2021, , .		Ο
66	Distributed Fault Diagnosis for a Class of Time-Varying Systems over Sensor Networks with Stochastic Protocol. IFAC-PapersOnLine, 2020, 53, 778-783.	0.5	0
67	Intermittent Fault Detection for Nonlinear Stochastic Systems. IFAC-PapersOnLine, 2020, 53, 694-698.	0.5	Ο
68	Particle Filtering for Nonlinear Systems with Round-Robin Protocol and Uniform Quantization. , 2021, , , \cdot		0
69	Adaptive Tracking Control for Rotary Steerable System with Sensor Faults. , 2021, , .		Ο
70	Finite-Time H _{â^ž} Control for Discrete-time Drilling Toolface System with (x, ν)-dependent Noises. , 2021, , .		0
71	Cubature Kalman Filtering for Dynamic Pointing Rotary Steerable System Based on Dynamic Event-Triggering Mechanism. , 2021, , .		0
72	Detection of Intermittent Fault for Stochastic Multi-Agent Systems with Time-Delay. , 2021, , .		0