

# Li Sheng

## List of Publications by Year in descending order

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Version: 2024-02-01

72  
papers

1,129  
citations

361296

20  
h-index

414303

32  
g-index

73  
all docs

73  
docs citations

73  
times ranked

739  
citing authors



#	ARTICLE	IF	CITATIONS
19	Delay-distribution-dependent state estimation for delayed neural networks with $(x, v)$ -dependent noises and fading channels. <i>Neural Networks</i> , 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. <i>Journal of the Franklin Institute</i> , 2018, 355, 7417-7442.	1.9	22
21	Adaptive fault-tolerant control for nonlinear high-order fully-actuated systems. <i>Neurocomputing</i> , 2022, 495, 75-85.	3.5	21
22	Infinite horizon state estimation for nonlinear systems with sensor gain degradation and stochastic protocol based on strong tracking filtering. <i>Systems Science and Control Engineering</i> , 2021, 9, 60-70.	1.6	19
23	Fault estimation for nonlinear systems with sensor gain degradation and stochastic protocol based on strong tracking filtering. <i>Systems Science and Control Engineering</i> , 2021, 9, 60-70.	1.8	19
24	Robust control for Tâ€‘S fuzzy systems subject to missing measurements with uncertain missing probabilities. <i>Neurocomputing</i> , 2016, 193, 235-241.	3.5	18
25	Finite horizon state estimation for nonlinear systems with sensor gain degradation and stochastic protocol based on strong tracking filtering. <i>Systems Science and Control Engineering</i> , 2021, 9, 60-70.	3.5	15
26	Finite horizon state estimation for nonlinear systems with sensor gain degradation and stochastic protocol based on strong tracking filtering. <i>Systems Science and Control Engineering</i> , 2021, 9, 60-70.	1.2	14
27	Distributed Fault Estimation for Time-Varying Multi-Agent Systems With Sensor Faults and Partially Decoupled Disturbances. <i>IEEE Access</i> , 2019, 7, 147905-147913.	2.6	14
28	Event-based fault detection for Tâ€‘S fuzzy systems with packet dropouts and $(x, v)$ -dependent noises. <i>Signal Processing</i> , 2017, 138, 211-219.	2.1	12
29	Intermittent fault detection for discrete-time linear stochastic systems with time delay. <i>IET Control Theory and Applications</i> , 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. <i>IEEE/CAA Journal of Automatica Sinica</i> , 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. <i>Systems Science and Control Engineering</i> , 2018, 6, 44-53.	1.8	11
32	Mixed $H_2 / H_\infty$ control of time-varying stochastic discrete-time systems under uniform detectability. <i>IET Control Theory and Applications</i> , 2014, 8, 1866-1874.	1.2	10
33	Event-based state fault estimation for networked time-varying systems with randomly occurring nonlinearities and $(x, v)$ -dependent noises. <i>Neurocomputing</i> , 2018, 285, 220-229.	3.5	10
34	Intermittent fault detection for linear discrete-time stochastic multi-agent systems. <i>Applied Mathematics and Computation</i> , 2021, 410, 126480.	1.4	10
35	Spectral characterisation for stability and stabilisation of linear stochastic systems with Markovian switching and its applications. <i>IET Control Theory and Applications</i> , 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. <i>International Journal of Systems Science</i> , 2013, 44, 252-264.	3.7	8

#	ARTICLE	IF	CITATIONS
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	Consensus-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 disturbance 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 mean-square $H_\infty$ control for discrete-time nonlinear stochastic systems with $(x, u, v)$ -dependent noises. International Journal of Robust and Nonlinear Control, 2019, 29, 882-893.	2.1	5
44	Finite-horizon $H_\infty$ 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	Robust $H_2/H_\infty$ Filter 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 point-the-bit rotary steerable system via finite-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	$H_\infty$ consensus control with spectrum constraints for stochastic multi-agent systems subject to $(x, u)$ Tj ETQq0 0 0 rgBT /Overlock 10 T	1.4	2
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 networks. , 2012, , .		1

#	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 $H_2$ / $H_\infty$ 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 moving-horizon estimation for a class of nonlinear dynamical complex networks under event-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, , .		0
60	Exact detectability of linear discrete-time time-varying stochastic systems. , 2014, , .		0
61	Fuzzy approach to $H_\infty$ filtering for delayed nonlinear stochastic systems. , 2014, , .		0
62	Intelligent Fault Diagnosis Method for Coupling Rotating Machinery Based on Deep Convolutional Neural Network. , 2019, , .		0
63	Static Output Feedback $H_\infty$ Control with Spectrum Constraints for Stochastic Systems Subject to $(x,u,v)$ -Dependent Noises and Packet Dropouts. , 2019, , .		0
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, , .		0
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	0
68	Particle Filtering for Nonlinear Systems with Round-Robin Protocol and Uniform Quantization. , 2021, , .		0
69	Adaptive Tracking Control for Rotary Steerable System with Sensor Faults. , 2021, , .		0
70	Finite-Time $H_\infty$ Control for Discrete-time Drilling Toolface System with $(x, v)$ -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