

Shenghui Guo

List of Publications by Year in descending order

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34
papers

1,020
citations

516710

16
h-index

501196

28
g-index

34
all docs

34
docs citations

34
times ranked

807
citing authors

#	ARTICLE	IF	CITATIONS
1	Interval observer-based consensus control of discrete-time multi-agent systems under stealthy attacks. Asian Journal of Control, 2023, 25, 2264-2275.	3.0	1
2	Interval-Observer-Based Fault Detection and Isolation Design for T-S Fuzzy System Based on Zonotope Analysis. IEEE Transactions on Fuzzy Systems, 2022, 30, 945-955.	9.8	26
3	Reachability Analysis-Based Interval Estimation for Discrete-Time Takagi-Sugeno Fuzzy Systems. IEEE Transactions on Fuzzy Systems, 2022, 30, 1981-1992.	9.8	10
4	Proportional Integral Observer-based Consensus Control of Discrete-time Multi-agent Systems. International Journal of Control, Automation and Systems, 2022, 20, 1461-1472.	2.7	7
5	An Improved Fault Diagnosis Approach Using LSSVM for Complex Industrial Systems. Machines, 2022, 10, 443.	2.2	8
6	Unknown Input Reconstruction via Interval Observer and State and Unknown Input Compensation Feedback Controller Designs. International Journal of Control, Automation and Systems, 2021, 19, 145-157.	2.7	5
7	Interval estimation of sensor fault based on zonotopic Kalman filter. International Journal of Control, 2021, 94, 1641-1650.	1.9	8
8	Actuator Fault Diagnosis for Discrete-Time Systems via Augmenting State Approach. Mathematical Problems in Engineering, 2021, 2021, 1-12.	1.1	0
9	Robust free-time-stable fault tolerant control for rigid satellite attitude system with output constraint. International Journal of Robust and Nonlinear Control, 2021, 31, 7587.	3.7	2
10	Actuator and Sensor Fault Detection and Isolation for Uncertain Switched Nonlinear System Based on Sliding Mode Observers. International Journal of Control, Automation and Systems, 2021, 19, 3075-3086.	2.7	20
11	Actuator fault detection for uncertain systems based on the combination of the interval observer and asymptotical reduced-order observer. International Journal of Control, 2020, 93, 2653-2661.	1.9	31
12	Reduced-Order Observer Design for Switched Descriptor Systems With Unknown Inputs. IEEE Transactions on Automatic Control, 2020, 65, 287-294.	5.7	85
13	Extended State Observer Based on ADRC of Linear System with Incipient Fault. International Journal of Control, Automation and Systems, 2020, 18, 1425-1434.	2.7	19
14	Reduced-Order and Full-Order Interval Observers Design for Discrete-Time System. IEEE Access, 2020, 8, 103309-103316.	4.2	7
15	Observer-based controller design for nonlinear semi-Markov switched system with external disturbance. Journal of the Franklin Institute, 2020, 357, 8435-8453.	3.4	10
16	A Novel Frequency-Domain Approach for the Exact Range of Imaginary Spectra and the Stability Analysis of LTI Systems With Two Delays. IEEE Access, 2020, 8, 36595-36601.	4.2	12
17	Robust Simultaneous Fault Estimation and Nonfragile Output Feedback Fault-Tolerant Control for Markovian Jump Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 1769-1776.	9.3	145
18	State and unknown input estimations for discrete-time switched linear systems with average dwell time. Journal of the Franklin Institute, 2019, 356, 11741-11759.	3.4	10

#	ARTICLE	IF	CITATIONS
19	Interval estimation of actuator fault by interval analysis. IET Control Theory and Applications, 2019, 13, 2717-2724.	2.1	8
20	Observer Design and Unknown Input Reconstruction for a Class of Switched Descriptor Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 1411-1419.	9.3	45
21	Sliding mode control of linear multiple-input multiple-output systems with mismatched uncertainties. , 2018, , .		0
22	Unknown Input and Measurement Noise Estimations for Switched Nonlinear Systems. , 2018, , .		0
23	Observer Design for Switched Nonlinear System with Both Unknown Inputs and Measurement Noise. Journal of Physics: Conference Series, 2018, 1061, 012013.	0.4	0
24	Fault Detection and Reconstruction for Discrete Nonlinear Systems via Takagi-Sugeno Fuzzy Models. International Journal of Control, Automation and Systems, 2018, 16, 2676-2687.	2.7	25
25	Simultaneous state and output disturbance estimations for a class of switched linear systems with unknown inputs. International Journal of Systems Science, 2017, 48, 22-33.	5.5	19
26	Fault-tolerant control for Markovian jump systems with general uncertain transition rates against simultaneous actuator and sensor faults. International Journal of Robust and Nonlinear Control, 2017, 27, 4245-4274.	3.7	40
27	State and sensor fault interval estimations for discrete-time systems. , 2017, , .		10
28	Nonfragile Fault-Tolerant Fuzzy Observer-Based Controller Design for Nonlinear Systems. IEEE Transactions on Fuzzy Systems, 2016, 24, 1679-1689.	9.8	80
29	Simultaneous actuator and sensor fault estimation for descriptor LPV system based on H_{∞} reduced-order observer. Optimal Control Applications and Methods, 2016, 37, 1122-1138.	2.1	27
30	Actuator and Sensor Fault Reconstructions for Uncertain Lipschitz Nonlinear Systems Based on H_{∞} Observers. Asian Journal of Control, 2015, 17, 2206-2217.	3.0	17
31	Unknown input observer design for Takagi-Sugeno fuzzy stochastic system. International Journal of Control, Automation and Systems, 2015, 13, 1003-1009.	2.7	31
32	State estimation and unknown input reconstruction via both reduced-order and high-order sliding mode observers. Journal of Process Control, 2012, 22, 296-302.	3.3	98
33	A note on observers for Lipschitz nonlinear systems. IEEE Transactions on Automatic Control, 2002, 47, 1751-1754.	5.7	214
34	Precise Clock Management Technology of Electric Power Meter. IETE Journal of Research, 0, , 1-9.	2.6	0