

Yueyang Li

List of Publications by Year in descending order

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papers

1,284
citations

331538

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1161
citing authors

#	ARTICLE	IF	CITATIONS
1	Fault-Tolerant Tracking Control Optimization of Constrained LPV Systems Based on Embedded Preview Regulation and Reference Governance. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2023, 53, 118-130.	5.9	3
2	Fault detection for linear discrete time-varying systems with multiplicative noise based on parity space method. ISA Transactions, 2022, 121, 156-170.	3.1	14
3	Multi-agent based event-triggered distributed cooperative fault detection. ISA Transactions, 2022, 129, 69-78.	3.1	11
4	Distributed fault detection and isolation for power system. International Journal of Robust and Nonlinear Control, 2022, 32, 2143-2158.	2.1	7
5	Finite impulse response filter based fault estimation with computational efficiency for linear discrete time-varying systems subject to multiplicative noise. Journal of the Franklin Institute, 2022, 359, 2737-2754.	1.9	3
6	Unknown Input Functional Observer Design for Discrete-Time Interval Type-2 Takagi-Sugeno Fuzzy Systems. IEEE Transactions on Fuzzy Systems, 2022, 30, 4690-4701.	6.5	29
7	An iterative reassignment based energy-concentrated TFA post-processing tool and application to bearing fault diagnosis. Measurement: Journal of the International Measurement Confederation, 2022, 193, 110953.	2.5	10
8	Theoretical analysis and comparison of transient-extracting transform and time-reassigned synchrosqueezing transform. Mechanical Systems and Signal Processing, 2022, 178, 109190.	4.4	8
9	Progress in numerical simulation of casting process. Measurement and Control, 2022, 55, 257-264.	0.9	10
10	Fault Diagnosability Analysis of Two-Dimensional Linear Discrete Systems. IEEE Transactions on Automatic Control, 2021, 66, 826-832.	3.6	23
11	Time-Reassigned Multisynchrosqueezing Transform for Bearing Fault Diagnosis of Rotating Machinery. IEEE Transactions on Industrial Electronics, 2021, 68, 1486-1496.	5.2	104
12	Fault estimation for discrete time-varying systems subject to actuator and sensor saturations. International Journal of Robust and Nonlinear Control, 2021, 31, 988-1004.	2.1	6
13	Event-triggered fault estimation for discrete time-varying systems subject to sector-bounded nonlinearity: A Krein space based approach. International Journal of Robust and Nonlinear Control, 2021, 31, 5360-5380.	2.1	14
14	Wavelet-based Synchroextracting Transform: An effective TFA tool for machinery fault diagnosis. Control Engineering Practice, 2021, 114, 104884.	3.2	24
15	Fault estimation of linear discrete time-varying systems with multiplicative noise based on finite impulse response filter. Transactions of the Institute of Measurement and Control, 2020, 42, 461-471.	1.1	5
16	Fault Estimation for Discrete-Time Systems With Lipschitz Perturbation and Time-Variant Coefficients. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 3137-3141.	2.2	11
17	Robust inertial navigation system/ultra wide band integrated indoor quadrotor localization employing adaptive interacting multiple model-unbiased finite impulse response/Kalman filter estimator. Aerospace Science and Technology, 2020, 98, 105683.	2.5	26
18	Seamless indoor pedestrian tracking by fusing INS and UWB measurements via LS-SVM assisted UFIR filter. Neurocomputing, 2020, 388, 301-308.	3.5	19

#	ARTICLE	IF	CITATIONS
19	Fault estimation for a class of nonlinear time-variant systems through a Krein space-based approach. Measurement and Control, 2020, 53, 541-550.	0.9	1
20	Optimal state and fault estimation for two-dimensional discrete systems. Automatica, 2020, 115, 108856.	3.0	23
21	A Novel Approach to State and Unknown Input Estimation for Takagi-Sugeno Fuzzy Models With Applications to Fault Detection. IEEE Transactions on Circuits and Systems I: Regular Papers, 2020, 67, 2053-2063.	3.5	44
22	A review of fault diagnosis methods for rotating machinery. , 2020, , .		1
23	A Review on Fault-Tolerant Control for Robots. , 2020, , .		4
24	H ∞ deconvolution filter design for uncertain linear discrete time-variant systems: A Krein space approach. Applied Mathematics and Computation, 2019, 361, 131-143.	1.4	3
25	Indoor INS/LiDAR-Based Robot Localization With Improved Robustness Using Cascaded FIR Filter. IEEE Access, 2019, 7, 34189-34197.	2.6	32
26	Robust H_{∞} Filtering for Two-Dimensional Uncertain Linear Discrete Time-Varying Systems: A Krein Space-Based Method. IEEE Transactions on Automatic Control, 2019, 64, 5124-5131.	3.6	29
27	Non-fragile fault-tolerant control for nonlinear Markovian jump systems with intermittent actuator fault. Nonlinear Analysis: Hybrid Systems, 2019, 32, 337-350.	2.1	45
28	Speed and Acceleration Control for a Two Wheel-Leg Robot Based on Distributed Dynamic Model and Whole-Body Control. IEEE Access, 2019, 7, 180630-180639.	2.6	12
29	On robust Kalman filter for two-dimensional uncertain linear discrete time-varying systems: A least squares method. Automatica, 2019, 99, 203-212.	3.0	73
30	Krein-space based robust estimation for two-dimensional uncertain linear discrete time-varying systems. Systems and Control Letters, 2018, 115, 41-47.	1.3	22
31	Real-time accurate pedestrian tracking using extended finite impulse response filter bank for tightly coupling recent inertial navigation system and ultra-wideband measurements. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 2018, 232, 464-472.	0.7	5
32	Fault Detection for Linear Discrete Time-Varying Systems Subject to Random Sensor Delay: A Riccati Equation Approach. IEEE Transactions on Circuits and Systems I: Regular Papers, 2018, 65, 1707-1716.	3.5	88
33	Adaptive robust INS/UWB-integrated human tracking using UFIR filter bank. Measurement: Journal of the International Measurement Confederation, 2018, 123, 1-7.	2.5	74
34	Optimal residual generation for fault detection in linear discrete time-varying systems with uncertain observations. Journal of the Franklin Institute, 2018, 355, 3330-3353.	1.9	24
35	Adaptive finite-time control of a class of Markovian jump nonlinear systems with parametric and dynamic uncertainties. Nonlinear Analysis: Hybrid Systems, 2018, 29, 234-246.	2.1	9
36	State estimation for stochastic discrete-time systems with multiplicative noises and unknown inputs over fading channels. Applied Mathematics and Computation, 2018, 320, 116-130.	1.4	35

#	ARTICLE	IF	CITATIONS
37	H_{∞} Fault Estimation for 2-D Linear Discrete Time-Varying Systems Based on Krein Space Method. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 2070-2079.	5.9	52
38	Robust Laser Radar-Based Robot Localization Using UFIR Filtering. , 2018, , .		0
39	H_{∞} fault detection filter design for discrete-time nonlinear Markovian jump systems with missing measurements. European Journal of Control, 2018, 44, 27-39.	1.6	21
40	Design, Modelling and Validation of Hydraulic Servo Actuator With Passive Compliance for Legged Robots. IEEE Access, 2018, 6, 59486-59495.	2.6	6
41	Fault Diagnosis of Linear Discrete Time-Varying System with Multiplicative Noise Based on Parity Space Method. , 2018, , .		2
42	Fault Detection for Linear Discrete Time-Varying Systems With Multiplicative Noise: The Finite-Horizon Case. IEEE Transactions on Circuits and Systems I: Regular Papers, 2018, 65, 3492-3505.	3.5	55
43	Reduced-order simultaneous state and fault estimator based fault tolerant preview control for discrete-time linear time-invariant systems. IET Control Theory and Applications, 2018, 12, 1601-1610.	1.2	30
44	Comparison of Two Performance Optimization Approaches for Data-Driven Design of Fault-Tolerant Control Systems. , 2018, , .		1
45	Unbiased Minimum Variance Fault and State Estimation for Linear Discrete Time-Varying Two-Dimensional Systems. IEEE Transactions on Automatic Control, 2017, 62, 5463-5469.	3.6	109
46	State of charge and parameters estimation for Lithium-ion battery using dual adaptive unscented Kalman filter. , 2017, , .		6
47	UWB-Based Indoor Human Localization With Time-Delayed Data Using EFIR Filtering. IEEE Access, 2017, 5, 16676-16683.	2.6	89
48	Robust fault detection filter design for uncertain linear discrete time-varying systems. , 2017, , .		0
49	Robust adaptive control of the DC servo system with friction and backlash. , 2017, , .		1
50	Closed-loop parity-space based fault detection: Application to simplified quadruped robot model. , 2017, , .		0
51	Review of fault diagnosis of PMSM drive system in electric vehicles. , 2017, , .		18
52	Fault Detection for Linear Discrete Time-Varying Systems with Intermittent Observations and Quantization Errors. Asian Journal of Control, 2016, 18, 377-389.	1.9	11
53	Robust adaptive terminal control for near space vehicle based on second order sliding mode disturbance observer. , 2016, , .		5
54	On H_{∞} Fault Estimator Design for Linear Discrete Time-Varying Systems under Unreliable Communication Link. Mathematical Problems in Engineering, 2014, 2014, 1-10.	0.6	0

#	ARTICLE	IF	CITATIONS
55	Fault detection filter design for linear discrete time-varying systems subject to intermittent measurements. WIT Transactions on Information and Communication Technologies, 2014, , .	0.0	0
56	Fault Detection for Linear Discrete Time-Varying Systems with Measurement Packet Dropping. Mathematical Problems in Engineering, 2013, 2013, 1-9.	0.6	5
57	Optimal fault detection for a class of discrete-time switched linear systems. Journal of Systems Engineering and Electronics, 2013, 24, 512-518.	1.1	9
58	Fault detection filter design for linear discrete time-varying systems with multiplicative noise. Journal of Systems Engineering and Electronics, 2011, 22, 982-990.	1.1	13