

# Long-wen Liu

## List of Publications by Year in descending order

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11  
papers

159  
citations

1478505

6  
h-index

1588992

8  
g-index

11  
all docs

11  
docs citations

11  
times ranked

75  
citing authors

#	ARTICLE	IF	CITATIONS
1	A survey of interval observers design methods and implementation for uncertain systems. Journal of the Franklin Institute, 2021, 358, 3077-3126.	3.4	29
2	Design of reduced-order interval observers for LTI systems with bounded time-varying disturbances: a parametric approach. International Journal of Control, 2020, 93, 2551-2563.	1.9	8
3	Design and applications of interval observers for uncertain dynamical systems. IET Circuits, Devices and Systems, 2020, 14, 721-740.	1.4	21
4	Set-Membership Interval State Estimator Design Using Observability Matrix for Discrete-Time Switched Linear Systems. IEEE Sensors Journal, 2020, 20, 6121-6129.	4.7	19
5	Model Reference Control for Linear Time-Varying Systems: A Direct Parametric Approach. IEEE Access, 2020, 8, 61202-61212.	4.2	2
6	Finite-time functional interval observer for linear systems with uncertainties. IET Control Theory and Applications, 2020, 14, 2868-2878.	2.1	8
7	Robust $H_{\infty}$ Interval Observer for Linear Systems With a Controllable Convergence Rate: A Parametric Method. IEEE Access, 2019, 7, 123922-123933.	4.2	4
8	A Parametric Method of Linear Functional Observers for Linear Time-varying Systems. International Journal of Control, Automation and Systems, 2019, 17, 647-656.	2.7	20
9	Functional interval observer for the linear systems with disturbances. IET Control Theory and Applications, 2018, 12, 2562-2568.	2.1	44
10	A Parametric Approach to Design Interval Observers for Linear Systems with Time-Varying Disturbances. , 2018, , .		1
11	Time-dependent Luenberger-type interval observer design for uncertain time-varying systems. International Journal of Robust and Nonlinear Control, 0, , .	3.7	3