Xuefeng Chen

List of Publications by Year
in descending order

15 papers	88 citations	1684188 5 h-index	1474206 9 g-index
15 all docs	15 docs citations	15 times ranked	39 citing authors

#	Article	IF	Citations
1	An improved exponential stability criterion and distributed *H*_∞ filter design for spatially interconnected discrete-time systems with time-varying delay. International Journal of Control, 2023, 96, 669-683.	1.9	1
2	Stability analysis for interconnected system with quantized sampled-data control. Applied Mathematical Modelling, 2022, 102, 313-330.	4.2	3
3	Performance analysis for interconnected time-delay systems with networked communication. ISA Transactions, 2022, , .	5.7	1
4	Network‐based robust performance analysis for uncertain systems interconnected over an undirected graph. International Journal of Robust and Nonlinear Control, 2021, 31, 2-20.	3.7	3
5	Generalised KYP lemma with its application in finite frequency *H*_∞ distributed filter design for nonideally interconnected networked control systems. International Journal of Systems Science, 2021, 52, 635-656.	5.5	3
6	Distributed static output feedback control for interconnected systems in finite‐frequency domain. IET Control Theory and Applications, 2021, 15, 1068-1081.	2.1	6
7	Exponential Stability and H_∞ Performance Analysis for Spatially Interconnected Systems with Time-varying Delay. , 2021, , .		0
8	Improved Approach to Delay-Dependent Stability Analysis of Discrete Time-Delay Systems Interconnected over an Arbitrary Graph. , 2021, , .		0
9	Asymptotic stability analysis and model reduction for spatially interconnected time-delay systems. Journal of the Franklin Institute, 2020, 357, 12670-12699.	3.4	7
10	Exponential stability analysis and model reduction for spatially interconnected discrete‐time systems with time‐varying delay. IET Control Theory and Applications, 2020, 14, 2253-2266.	2.1	5
11	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" overflow="scroll" id="d1e2406" altimg="si10.gif"><mml:msub><mml:mrow><mml:mi>H</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:math> performance analysis and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" overflow="scroll" id="d1e2416" altimg="si10.gif"><mml:msub><mml:mrow><mml:mi>H</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:math>	2.3	22
12	Performance analysis and distributed filter design for networked dynamic systems over finite-frequency ranges. Neurocomputing, 2019, 334, 143-155.	5.9	12
13	The Mathematical Model and Numerical Solution of Instantaneous Availabilities for the Two-Unit Series Repairable System and Parallel Repairable System with Three States. Applied Sciences (Switzerland), 2018, 8, 1759.	2.5	2
14	Quadratic stability analysis and robust distributed controllers design for uncertain spatially interconnected systems. Journal of the Franklin Institute, 2018, 355, 7924-7961.	3.4	19
15	Robust finite frequency H ∞ distributed memory filter design for networked control systems with polytopic uncertainty. Asian Journal of Control, 0, , .	3.0	4