

Chung-Yao Kao

List of Publications by Year in descending order

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docs citations

24
times ranked

445
citing authors

#	ARTICLE	IF	CITATIONS
1	Addendum to "Converse Theorems for Integral Quadratic Constraints", IEEE Transactions on Automatic Control, 2022, 67, 539-540.	5.7	3
2	Integral Quadratic Constraints for Asynchronous Sample-and-Hold Links. IEEE Transactions on Automatic Control, 2021, 66, 4888-4894.	5.7	4
3	Converse Theorems for Integral Quadratic Constraints. IEEE Transactions on Automatic Control, 2021, 66, 3695-3701.	5.7	8
4	Prediction of hospitalization using artificial intelligence for urgent patients in the emergency department. Scientific Reports, 2021, 11, 19472.	3.3	10
5	On the Converse Passivity Theorems for LTI Systems. IFAC-PapersOnLine, 2020, 53, 6422-6427.	0.9	2
6	Robust Synchronization in Multi-Agent Networks With Unstable Dynamics. IEEE Transactions on Control of Network Systems, 2018, 5, 205-214.	3.7	4
7	Stability of Aperiodic Sampled-Data Feedback for Systems with Inputs that Update Asynchronously. , 2018, , .		1
8	Robust Stability of Positive Monotone Feedback Interconnections. IEEE Transactions on Automatic Control, 2018, , 1-1.	5.7	2
9	Robust Performance of Feedback Loops with Quantization and Aperiodic Sampling * *This work is supported in part by the Australian Research Council (DP130104510) and National Science Council of Taiwan (MOST 105-2221-E-110-039-MY2). IFAC-PapersOnLine, 2017, 50, 2561-2566.	0.9	1
10	An IQC Approach to Robust Stability of Aperiodic Sampled-Data Systems. IEEE Transactions on Automatic Control, 2016, 61, 2219-2225.	5.7	35
11	Robust performance analysis of aperiodic sampled-data feedback control systems. , 2015, , .		4
12	The Impact of Ambulance and Patient Diversion on Crowdedness of Multiple Emergency Departments in a Region. PLoS ONE, 2015, 10, e0144227.	2.5	16
13	Synchronization of Networks of Heterogeneous Agents With Common Nominal Behavior. IEEE Transactions on Automatic Control, 2015, 60, 671-683.	5.7	5
14	Managing emergency department overcrowding via ambulance diversion: A discrete event simulation model. Journal of the Formosan Medical Association, 2015, 114, 64-71.	1.7	48
15	On output feedback control of positive linear systems. , 2014, , .		1
16	Frequency-domain stability criteria for distributed-parameter systems under periodic sampled-data feedback control. , 2014, , .		1
17	On Stability of Systems With Aperiodic Sampling Devices. IEEE Transactions on Automatic Control, 2013, 58, 2085-2090.	5.7	41
18	Robust estimation with dynamic integral quadratic constraints: the discrete-time case. IET Control Theory and Applications, 2013, 7, 1599-1608.	2.1	3

#	ARTICLE	IF	CITATIONS
19	Consensus of Heterogeneous LTI Agents. IEEE Transactions on Automatic Control, 2012, 57, 2133-2139.	5.7	15
20	Positive realness of a set of matrix-valued time-varying uncertainties. , 2011, , .		0
21	IQC robustness analysis for feedback interconnections of unstable distributed parameter systems. , 2009, , .		7
22	On stability of time delay Hamiltonian systems. , 2009, , .		20
23	Characterization of robust stability of a class of interconnected systems. Automatica, 2009, 45, 217-224.	5.0	36
24	Simple stability criteria for systems with time-varying delays. Automatica, 2004, 40, 1429-1434.	5.0	288