

Chung-Yao Kao

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

555
citations

1163117

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h-index

888059

17
g-index

24
all docs

24
docs citations

24
times ranked

445
citing authors

#	ARTICLE	IF	CITATIONS
1	Simple stability criteria for systems with time-varying delays. <i>Automatica</i> , 2004, 40, 1429-1434.	5.0	288
2	Managing emergency department overcrowding via ambulance diversion: A discrete event simulation model. <i>Journal of the Formosan Medical Association</i> , 2015, 114, 64-71.	1.7	48
3	On Stability of Systems With Aperiodic Sampling Devices. <i>IEEE Transactions on Automatic Control</i> , 2013, 58, 2085-2090.	5.7	41
4	Characterization of robust stability of a class of interconnected systems. <i>Automatica</i> , 2009, 45, 217-224.	5.0	36
5	An IQC Approach to Robust Stability of Aperiodic Sampled-Data Systems. <i>IEEE Transactions on Automatic Control</i> , 2016, 61, 2219-2225.	5.7	35
6	On stability of time delay Hamiltonian systems. , 2009, , .		20
7	The Impact of Ambulance and Patient Diversion on Crowdedness of Multiple Emergency Departments in a Region. <i>PLoS ONE</i> , 2015, 10, e0144227.	2.5	16
8	Consensus of Heterogeneous LTI Agents. <i>IEEE Transactions on Automatic Control</i> , 2012, 57, 2133-2139.	5.7	15
9	Prediction of hospitalization using artificial intelligence for urgent patients in the emergency department. <i>Scientific Reports</i> , 2021, 11, 19472.	3.3	10
10	Converse Theorems for Integral Quadratic Constraints. <i>IEEE Transactions on Automatic Control</i> , 2021, 66, 3695-3701.	5.7	8
11	IQC robustness analysis for feedback interconnections of unstable distributed parameter systems. , 2009, , .		7
12	Synchronization of Networks of Heterogeneous Agents With Common Nominal Behavior. <i>IEEE Transactions on Automatic Control</i> , 2015, 60, 671-683.	5.7	5
13	Robust performance analysis of aperiodic sampled-data feedback control systems. , 2015, , .		4
14	Robust Synchronization in Multi-Agent Networks With Unstable Dynamics. <i>IEEE Transactions on Control of Network Systems</i> , 2018, 5, 205-214.	3.7	4
15	Integral Quadratic Constraints for Asynchronous Sample-and-Hold Links. <i>IEEE Transactions on Automatic Control</i> , 2021, 66, 4888-4894.	5.7	4
16	Robust estimation with dynamic integral quadratic constraints: the discrete-time case. <i>IET Control Theory and Applications</i> , 2013, 7, 1599-1608.	2.1	3
17	Addendum to "Converse Theorems for Integral Quadratic Constraints". <i>IEEE Transactions on Automatic Control</i> , 2022, 67, 539-540.	5.7	3
18	Robust Stability of Positive Monotone Feedback Interconnections. <i>IEEE Transactions on Automatic Control</i> , 2018, , 1-1.	5.7	2

#	ARTICLE	IF	CITATIONS
19	On the Converse Passivity Theorems for LTI Systems. IFAC-PapersOnLine, 2020, 53, 6422-6427.	0.9	2
20	On output feedback control of positive linear systems. , 2014, , .		1
21	Frequency-domain stability criteria for distributed-parameter systems under periodic sampled-data feedback control. , 2014, , .		1
22	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
23	Stability of Aperiodic Sampled-Data Feedback for Systems with Inputs that Update Asynchronously. , 2018, , .		1
24	Positive realness of a set of matrix-valued time-varying uncertainties. , 2011, , .		0