

Brandon M Hincey

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

657
citations

1478280

6
h-index

1474057

9
g-index

25
all docs

25
docs citations

25
times ranked

722
citing authors

#	ARTICLE	IF	CITATIONS
1	Model Predictive Control for the Operation of Building Cooling Systems. IEEE Transactions on Control Systems Technology, 2012, 20, 796-803.	3.2	356
2	Model predictive HVAC control with online occupancy model. Energy and Buildings, 2014, 82, 675-684.	3.1	73
3	Online building thermal parameter estimation via Unscented Kalman Filtering. , 2012, , .		45
4	A Robust Controller Interpolation Design Technique. IEEE Transactions on Control Systems Technology, 2010, 18, 1-10.	3.2	38
5	Decentralized Feedback Structures of a Vapor Compression Cycle System. IEEE Transactions on Control Systems Technology, 2010, 18, 185-193.	3.2	27
6	A KYP Lemma for LMI Regions. IEEE Transactions on Automatic Control, 2007, 52, 1926-1930.	3.6	19
7	An anti-windup technique for LMI regions. Automatica, 2009, 45, 2344-2349.	3.0	16
8	Energy-comfort optimization using discomfort history and probabilistic occupancy prediction. , 2014, , .		13
9	Online thermal estimation, control, and self-excitation of buildings. , 2013, , .		12
10	A Q, L factorization of Norm-Optimal Iterative Learning Control. , 2008, , .		10
11	Characterization of Eddy Currents for Space Actuation. , 2012, , .		10
12	Post-translational regulation enables robust p53 regulation. BMC Systems Biology, 2013, 7, 83.	3.0	6
13	Frequency Domain Analysis Reveals External Periodic Fluctuations Can Generate Sustained p53 Oscillation. PLoS ONE, 2011, 6, e22852.	1.1	6
14	Robust gain-scheduled control. , 2010, , .		5
15	A comparison of thermal zone aggregation methods. , 2012, , .		5
16	A Static Anti-Windup Compensator Design Technique for Robust Regional Pole Placement. , 2006, , 75.		4
17	Model predictive control of temperature-sensitive and transient loads in aircraft vapor compression systems. , 2016, , .		4
18	A state space approach to the parameterization of output regulating controllers. , 2011, , .		3

#	ARTICLE	IF	CITATIONS
19	A Youla-based, state space approach to the parameterization of H_2 suboptimal, regulating controllers. , 2012, , .		2
20	Dimensional analysis for robust control of planar vehicle dynamics. International Journal of Robust and Nonlinear Control, 2008, 18, 587-616.	2.1	1
21	Robust controller interpolation via convex optimization. , 2009, , .		1
22	Disturbance Rejection Helps Modulate the p53 Oscillation. , 2011, , .		1
23	Stable Gain Scheduling Through Bumpless Transfer. , 2005, , 93.		0
24	An anti-windup technique for LMI regions with applications to a fluid power system. , 2008, , .		0
25	Development of an Eddy-Current Actuator Test Bed. , 2014, , .		0