

# Brandon M Hincey

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2031519/publications.pdf>

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 of temperature-sensitive and transient loads in aircraft vapor compression systems. , 2016, , .		4
2	Development of an Eddy-Current Actuator Test Bed. , 2014, , .		0
3	Energy-comfort optimization using discomfort history and probabilistic occupancy prediction. , 2014, , .		13
4	Model predictive HVAC control with online occupancy model. Energy and Buildings, 2014, 82, 675-684.	3.1	73
5	Post-translational regulation enables robust p53 regulation. BMC Systems Biology, 2013, 7, 83.	3.0	6
6	Online thermal estimation, control, and self-excitation of buildings. , 2013, , .		12
7	Online building thermal parameter estimation via Unscented Kalman Filtering. , 2012, , .		45
8	A Youla-based, state space approach to the parameterization of $H_2$ suboptimal, regulating controllers. , 2012, , .		2
9	A comparison of thermal zone aggregation methods. , 2012, , .		5
10	Characterization of Eddy Currents for Space Actuation. , 2012, , .		10
11	Model Predictive Control for the Operation of Building Cooling Systems. IEEE Transactions on Control Systems Technology, 2012, 20, 796-803.	3.2	356
12	A state space approach to the parameterization of output regulating controllers. , 2011, , .		3
13	Frequency Domain Analysis Reveals External Periodic Fluctuations Can Generate Sustained p53 Oscillation. PLoS ONE, 2011, 6, e22852.	1.1	6
14	Disturbance Rejection Helps Modulate the p53 Oscillation. , 2011, , .		1
15	Decentralized Feedback Structures of a Vapor Compression Cycle System. IEEE Transactions on Control Systems Technology, 2010, 18, 185-193.	3.2	27
16	A Robust Controller Interpolation Design Technique. IEEE Transactions on Control Systems Technology, 2010, 18, 1-10.	3.2	38
17	Robust gain-scheduled control. , 2010, , .		5
18	Robust controller interpolation via convex optimization. , 2009, , .		1

#	ARTICLE	IF	CITATIONS
19	An anti-windup technique for LMI regions. Automatica, 2009, 45, 2344-2349.	3.0	16
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	An anti-windup technique for LMI regions with applications to a fluid power system. , 2008, , .		0
22	A Q, L factorization of Norm-Optimal Iterative Learning Control. , 2008, , .		10
23	A KYP Lemma for LMI Regions. IEEE Transactions on Automatic Control, 2007, 52, 1926-1930.	3.6	19
24	A Static Anti-Windup Compensator Design Technique for Robust Regional Pole Placement. , 2006, , 75.		4
25	Stable Gain Scheduling Through Bumpless Transfer. , 2005, , 93.		0