

Garrett W Mann

List of Publications by Year in descending order

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12
papers

95
citations

1478505

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1474206

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12
all docs

12
docs citations

12
times ranked

87
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-objective heat transfer optimization of 2D helical micro-fins using NSGA-II. International Journal of Heat and Mass Transfer, 2019, 132, 1250-1261.	4.8	34
2	State estimation and fault detection and identification for constrained stochastic linear hybrid systems. IET Control Theory and Applications, 2013, 7, 1-15.	2.1	11
3	Study of Aldehydes, Carbon Monoxide, and Particulate Contaminants Generated in Bleed-Air Simulator. Journal of Aircraft, 2017, 54, 1364-1374.	2.4	9
4	Aircraft Recirculation Filter for Air-Quality and Incident Assessment. Journal of Aircraft, 2014, 51, 320-326.	2.4	8
5	Four-Dimensional Aircraft Taxiway Conformance Monitoring with Constrained Stochastic Linear Hybrid Systems. Journal of Guidance, Control, and Dynamics, 2012, 35, 1593-1604.	2.8	7
6	Heat transfer characteristics of R-134a in a converging-Diverging nozzle. International Journal of Heat and Fluid Flow, 2016, 62, 464-473.	2.4	7
7	A Method of Measuring Turbulent Flow Structures With Particle Image Velocimetry and Incorporating Into Boundary Conditions of Large Eddy Simulations. Journal of Fluids Engineering, Transactions of the ASME, 2018, 140, .	1.5	7
8	Analysis of particulate size distribution and concentrations from simulated jet engine bleed air incidents. HVAC and R Research, 2014, 20, 780-789.	0.6	5
9	4D Aircraft Taxiway Conformance Monitoring with Stochastic Linear Hybrid Systems. , 2011, , .		2
10	Experimental Measurements in Near-Wall Regions by Particle Image Velocimetry (PIV). , 2014, , .		2
11	Focal plane model for flat refractive geometry. Journal of the European Optical Society-Rapid Publications, 2017, 13, .	1.9	2
12	Persistence of Bleed-Air Contaminants on High-Efficiency Particulate Arrestance Filters. Journal of Aircraft, 2016, 53, 1574-1577.	2.4	1