

Saman Beyhaghi

List of Publications by Year in descending order

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11
papers

178
citations

1307594

7
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

166
citing authors

#	ARTICLE	IF	CITATIONS
1	Heat Transfer in Internal Cooling Channels of Gas Turbine Blades: Buoyancy and Density Ratio Effects. Journal of Energy Resources Technology, Transactions of the ASME, 2019, 141, .	2.3	16
2	Multivariable Analysis of Aerodynamic Forces on Slotted Airfoils for Wind Turbine Blades. Journal of Energy Resources Technology, Transactions of the ASME, 2019, 141, .	2.3	9
3	A parametric study on leading-edge slots used on wind turbine airfoils at various angles of attack. Journal of Wind Engineering and Industrial Aerodynamics, 2018, 175, 43-52.	3.9	49
4	Improvement of Aerodynamic Performance of Cambered Airfoils Using Leading-Edge Slots. Journal of Energy Resources Technology, Transactions of the ASME, 2017, 139, .	2.3	24
5	Achieving the Inside-Outside Coupling During Network Simulation of Isothermal Drying of a Porous Medium in a Turbulent Flow. Transport in Porous Media, 2016, 114, 823-842.	2.6	12
6	Wicking and evaporation of liquids in porous wicks: A simple analytical approach to optimization of wick design. AIChE Journal, 2014, 60, 1930-1940.	3.6	34
7	On applying an external-flow driven mass transfer boundary condition to simulate drying from a pore-network model. International Journal of Heat and Mass Transfer, 2013, 57, 331-344.	4.8	15
8	Drying of a porous medium with multiple open sides using a pore-network model simulation. International Communications in Heat and Mass Transfer, 2012, 39, 1320-1324.	5.6	5
9	ESTIMATION OF TORTUOSITY AND EFFECTIVE DIFFUSIVITY TENSORS USING CLOSURE FORMULATION IN A SINTERED POLYMER WICK DURING TRANSPORT OF A NONDILUTE, MULTICOMPONENT LIQUID MIXTURE. Special Topics and Reviews in Porous Media, 2011, 2, 267-282.	1.1	6
10	Evaporation and transport of non-dilute, multi-component liquid mixtures in porous wicks: Simulation and experimental validation. International Journal of Heat and Mass Transfer, 2011, 54, 5216-5230.	4.8	6
11	Evaporation of a Non-Dilute, Multi-Component Liquid Mixture from a Porous Wick. AIP Conference Proceedings, 2010, , .	0.4	2