

David M Calamas

List of Publications by Year in descending order

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docs citations

19
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citing authors

#	ARTICLE	IF	CITATIONS
1	Tree-like branching fins: Performance and natural convective heat transfer behavior. International Journal of Heat and Mass Transfer, 2013, 62, 350-361.	4.8	39
2	Performance of a Biologically Inspired Heat Exchanger with Hierarchical Bifurcating Flow Passages. Journal of Thermophysics and Heat Transfer, 2013, 27, 80-90.	1.6	9
3	Behavior of Thermally Radiating Tree-like Fins. Journal of Heat Transfer, 2013, 135, .	2.1	7
4	Effect of 21 August 2017 solar eclipse on surface-level irradiance and ambient temperature. International Journal of Energy and Environmental Engineering, 2019, 10, 147-156.	2.5	7
5	Experimental Performance of a Solid Heat Exchanger with Tree-Like Flow Passages. Experimental Heat Transfer, 2015, 28, 205-221.	3.2	5
6	Experimental Effectiveness of Sierpinski Carpet Fractal Fins in a Natural Convection Environment. Journal of Heat Transfer, 2017, 139, .	2.1	5
7	Electrospinning of Cisplatin-Loaded Cellulose Nanofibers for Cancer Drug Delivery. , 2014, , .		4
8	Flow Behavior and Pressure Drop in Porous Disks With Bifurcating Flow Passages. Journal of Fluids Engineering, Transactions of the ASME, 2013, 135, .	1.5	3
9	Thermal Performance of Sierpinski Carpet Fractal Fins in a Natural Convection Environment. , 2015, , .		1
10	Average view factors for extended surfaces with fractal perforations. Case Studies in Thermal Engineering, 2018, 12, 701-710.	5.7	1
11	MIXED AND FORCED CONVECTION HEAT TRANSFER CHARACTERISTICS OF SIERPINSKI CARPET FRACTAL FINS. Heat Transfer Research, 2019, 50, 263-285.	1.6	1
12	Performance of a Biologically-Inspired Heat Exchanger with Hierarchical Bifurcating Flow Passages. , 2012, , .		0
13	Performance Analysis of Biologically Inspired Honeycomb Structured Heat Exchanger. , 2015, , .		0
14	Thermal Performance of Sierpinski Carpet Fractal Fins in a Forced Convection Environment. , 2016, , .		0
15	Experimental Investigation of Temperature Dependent Thermal Conductivity of Aluminum Oxide and CNT Heat Transfer Fluids. , 2016, , .		0
16	Fluid Flow Through Tree-Like Networks of Varying Scale. , 2016, , .		0
17	Impact of Bifurcation Angle and Inlet Reynolds Number on Local Pressure Recovery in Biologically-Inspired Flow Networks. , 2017, , .		0
18	Free Convection Heat Transfer From Sierpinski Carpet Fractal Fins of Varying Size. , 2017, , .		0

#	ARTICLE	IF	CITATIONS
19	Performance of Thermally Radiating Fractal Extended Surfaces of Varying Cross-Section. , 2014, , .		0