

David M Calamas

List of Publications by Year in descending order

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papers

82
citations

1684188

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1474206

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g-index

19
all docs

19
docs citations

19
times ranked

70
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	MIXED AND FORCED CONVECTION HEAT TRANSFER CHARACTERISTICS OF SIERPINSKI CARPET FRACTAL FINS. Heat Transfer Research, 2019, 50, 263-285.	1.6	1
3	Average view factors for extended surfaces with fractal perforations. Case Studies in Thermal Engineering, 2018, 12, 701-710.	5.7	1
4	Experimental Effectiveness of Sierpinski Carpet Fractal Fins in a Natural Convection Environment. Journal of Heat Transfer, 2017, 139, .	2.1	5
5	Impact of Bifurcation Angle and Inlet Reynolds Number on Local Pressure Recovery in Biologically-Inspired Flow Networks. , 2017, , .		0
6	Free Convection Heat Transfer From Sierpinski Carpet Fractal Fins of Varying Size. , 2017, , .		0
7	Thermal Performance of Sierpinski Carpet Fractal Fins in a Forced Convection Environment. , 2016, , .		0
8	Experimental Investigation of Temperature Dependent Thermal Conductivity of Aluminum Oxide and CNT Heat Transfer Fluids. , 2016, , .		0
9	Fluid Flow Through Tree-Like Networks of Varying Scale. , 2016, , .		0
10	Thermal Performance of Sierpinski Carpet Fractal Fins in a Natural Convection Environment. , 2015, , .		1
11	Performance Analysis of Biologically Inspired Honeycomb Structured Heat Exchanger. , 2015, , .		0
12	Experimental Performance of a Solid Heat Exchanger with Tree-Like Flow Passages. Experimental Heat Transfer, 2015, 28, 205-221.	3.2	5
13	Electrospinning of Cisplatin-Loaded Cellulose Nanofibers for Cancer Drug Delivery. , 2014, , .		4
14	Performance of Thermally Radiating Fractal Extended Surfaces of Varying Cross-Section. , 2014, , .		0
15	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
16	Behavior of Thermally Radiating Tree-like Fins. Journal of Heat Transfer, 2013, 135, .	2.1	7
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Performance of a Biologically-Inspired Heat Exchanger with Hierarchical Bifurcating Flow Passages. , 2012, , .		0