

Mohamed A Samaha

List of Publications by Year in descending order

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19
papers

702
citations

759233

12
h-index

839539

18
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19
all docs

19
docs citations

19
times ranked

750
citing authors

#	ARTICLE	IF	CITATIONS
1	Heat Transfer Advancement From Horizontal Cylinder Using Passive Shroud~Chimney Configuration: Experimental and Numerical Analysis. Journal of Fluids Engineering, Transactions of the ASME, 2021, 143, .	1.5	1
2	Slippery surfaces: A decade of progress. Physics of Fluids, 2021, 33, .	4.0	43
3	Homage to a Legendary Dynamicist on His Seventy-Fifth Birthday. Journal of Fluids Engineering, Transactions of the ASME, 2020, 142, .	1.5	0
4	Passive Natural Convection Augmentation from Horizontal Cylinder Using a Novel Shroud~Chimney Configuration. Journal of Thermophysics and Heat Transfer, 2019, 33, 1006-1017.	1.6	7
5	Modeling Coupled Conduction~Convection Ice Formation on Horizontal Axially Finned and Unfinned Tubes. Journal of Fluids Engineering, Transactions of the ASME, 2017, 139, .	1.5	4
6	Errors in parallel-plate and cone-plate rheometer measurements due to sample underfill. Measurement Science and Technology, 2015, 26, 015301.	2.6	26
7	Polymeric Slippery Coatings: Nature and Applications. Polymers, 2014, 6, 1266-1311.	4.5	42
8	Novel method to characterize superhydrophobic coatings. Journal of Colloid and Interface Science, 2013, 395, 315-321.	9.4	17
9	Convective Mass Transfer From Submerged Superhydrophobic Surfaces. International Journal of Flow Control, 2013, 5, 79-88.	0.4	10
10	Convective Mass Transfer From Submerged Superhydrophobic Surfaces: Turbulent Flow. International Journal of Flow Control, 2013, 5, 143-152.	0.4	6
11	Salinity effects on the degree of hydrophobicity and longevity for superhydrophobic fibrous coatings. Journal of Applied Polymer Science, 2012, 124, 5021-5026.	2.6	8
12	Sustainability of superhydrophobicity under pressure. Physics of Fluids, 2012, 24, .	4.0	61
13	Superhydrophobic surfaces: From the lotus leaf to the submarine. Comptes Rendus - Mecanique, 2012, 340, 18-34.	2.1	167
14	Influence of Flow on Longevity of Superhydrophobic Coatings. Langmuir, 2012, 28, 9759-9766.	3.5	97
15	Effects of hydrostatic pressure on the drag reduction of submerged aerogel-particle coatings. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2012, 399, 62-70.	4.7	32
16	Fabrication of superhydrophobic fiber coatings by DC~biased AC~electrospinning. Journal of Applied Polymer Science, 2012, 123, 1112-1119.	2.6	36
17	<i>In situ</i>, noninvasive characterization of superhydrophobic coatings. Review of Scientific Instruments, 2011, 82, 045109.	1.3	44
18	Modeling drag reduction and meniscus stability of superhydrophobic surfaces comprised of random roughness. Physics of Fluids, 2011, 23, .	4.0	84

#	ARTICLE	IF	CITATIONS
19	Turbulent flow around single concentric long capsule in a pipe. Applied Mathematical Modelling, 2010, 34, 2000-2017.	4.2	17