

Michael Frank

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7987131/publications.pdf>

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14
papers

352
citations

933447

10
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

351
citing authors

#	ARTICLE	IF	CITATIONS
1	Machine-Learning Methods for Computational Science and Engineering. <i>Computation</i> , 2020, 8, 15.	2.0	96
2	Thermal conductivity of nanofluid in nanochannels. <i>Microfluidics and Nanofluidics</i> , 2015, 19, 1011-1017.	2.2	43
3	Effects of surface roughness on shear viscosity. <i>Physical Review E</i> , 2017, 95, 033108.	2.1	30
4	Multiscale Computational Fluid Dynamics. <i>Energies</i> , 2019, 12, 3272.	3.1	30
5	Solid-like heat transfer in confined liquids. <i>Microfluidics and Nanofluidics</i> , 2017, 21, 148.	2.2	28
6	Nanoflow over a fractal surface. <i>Physics of Fluids</i> , 2016, 28, .	4.0	27
7	Thermodynamics at Solid-Liquid Interfaces. <i>Entropy</i> , 2018, 20, 362.	2.2	23
8	Large-Scale Molecular Dynamics Simulations of Homogeneous Nucleation of Pure Aluminium. <i>Metals</i> , 2019, 9, 1217.	2.3	21
9	Heat transfer across a fractal surface. <i>Journal of Chemical Physics</i> , 2019, 151, 134705.	3.0	16
10	Multiphase Flow Effects in a Horizontal Oil and Gas Separator. <i>Energies</i> , 2019, 12, 2116.	3.1	13
11	Advances and challenges in computational research of micro- and nanoflows. <i>Microfluidics and Nanofluidics</i> , 2015, 19, 1019-1033.	2.2	11
12	Mass and Stiffness Effects on Thermal Resistance at the Solid-Liquid Interface of Nanofluidic Channels. <i>Journal of Computational and Theoretical Nanoscience</i> , 2018, 15, 141-146.	0.4	7
13	Thermal Properties of a Water-Copper Nanofluid in a Graphene Channel. <i>Journal of Computational and Theoretical Nanoscience</i> , 2016, 13, 79-83.	0.4	5
14	Draining Water from Aircraft Fuel Using Nitrogen Enriched Air. <i>Energies</i> , 2018, 11, 908.	3.1	2