

Mohammad Jamali

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4817414/publications.pdf>

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#	ARTICLE	IF	CITATIONS
1	Heat transfer and entropy generation analysis of turbulent flow of TiO ₂ -water nanofluid inside annuli with different radius ratios using two-phase mixture model. <i>Applied Thermal Engineering</i> , 2016, 100, 1149-1160.	3.0	64
2	Droplet adhesion to hydrophobic fibrous surfaces. <i>Applied Surface Science</i> , 2018, 456, 626-636.	3.1	32
3	Droplet Mobility on Hydrophobic Fibrous Coatings Comprising Orthogonal Fibers. <i>Langmuir</i> , 2018, 34, 12488-12499.	1.6	24
4	A new approach to modeling liquid intrusion in hydrophobic fibrous membranes with heterogeneous wettabilities. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 558, 154-163.	2.3	18
5	Penetration of liquid droplets into hydrophobic fibrous materials under enhanced gravity. <i>Journal of Applied Physics</i> , 2019, 125, 145304.	1.1	15
6	Centrifugal Detachment of Compound Droplets from Fibers. <i>Langmuir</i> , 2021, 37, 928-938.	1.6	13
7	Measuring Force of Droplet Detachment from Hydrophobic Surfaces via Partial Cloaking with Ferrofluids. <i>Langmuir</i> , 2020, 36, 6116-6125.	1.6	11
8	Controlling detachment residue via magnetic repulsion force. <i>Applied Physics Letters</i> , 2021, 118, 191601.	1.5	7
9	Studying droplet adhesion to fibers using the magnetic field: a review paper. <i>Experiments in Fluids</i> , 2021, 62, 1.	1.1	3
10	Numerical simulation of two-phase droplets on a curved surface using Surface Evolver. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 629, 127418.	2.3	2
11	Easy-to-use correlations to estimate droplet mobility on hydrophobic fibrous coatings. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 582, 123867.	2.3	0