

Mohammad Jamali

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

189
citations

1306789

7
h-index

1372195

10
g-index

11
all docs

11
docs citations

11
times ranked

210
citing authors

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