

R Iqbal

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

297
citations

1040056

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h-index

1199594

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12
docs citations

12
times ranked

399
citing authors

#	ARTICLE	IF	CITATIONS
1	Facile Fabrication and Characterization of a PDMS-Derived Candle Soot Coated Stable Biocompatible Superhydrophobic and Superhemophobic Surface. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 31170-31180.	8.0	105
2	Facile fabrication and mechanistic understanding of a transparent reversible superhydrophobic & “superhydrophilic surface. <i>Scientific Reports</i> , 2018, 8, 18018.	3.3	43
3	Understanding of the role of dilution on evaporative deposition patterns of blood droplets over hydrophilic and hydrophobic substrates. <i>Journal of Colloid and Interface Science</i> , 2020, 579, 541-550.	9.4	27
4	Dynamics of a Water Droplet over a Sessile Oil Droplet: Compound Droplets Satisfying a Neumann Condition. <i>Langmuir</i> , 2017, 33, 5713-5723.	3.5	22
5	Self-Transport and Manipulation of Aqueous Droplets on Oil-Submerged Diverging Groove. <i>Langmuir</i> , 2018, 34, 12359-12368.	3.5	20
6	Evaporation and morphological patterns of bi-dispersed colloidal droplets on hydrophilic and hydrophobic surfaces. <i>Soft Matter</i> , 2018, 14, 9901-9909.	2.7	19
7	Soft Lithography, Molding, and Micromachining Techniques for Polymer Micro Devices. <i>Methods in Molecular Biology</i> , 2019, 1906, 13-54.	0.9	16
8	Substrate stiffness affects particle distribution pattern in a drying suspension droplet. <i>Applied Physics Letters</i> , 2019, 114, .	3.3	14
9	Dynamics of capillary flow in an open superoleophilic microchannel and its application to sensing of oil. <i>Microfluidics and Nanofluidics</i> , 2018, 22, 1.	2.2	11
10	Elastocapillarity-based transport of liquids in flexible confinements and over soft substrates. <i>Microfluidics and Nanofluidics</i> , 2019, 23, 1.	2.2	10
11	Flotation of Denser Liquid Drops on Lighter Liquids in Non-Neumann Condition: Role of Line Tension. <i>Langmuir</i> , 2016, 32, 10276-10283.	3.5	9
12	Droplet Microfluidics – A Tool for Biosensing and Bioengineering Applications. <i>Materials Horizons</i> , 2022, , 145-171.	0.6	1