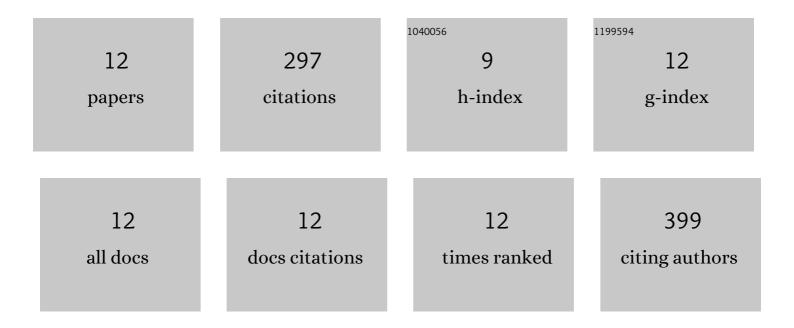
## R Iqbal

## List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5456518/publications.pdf Version: 2024-02-01



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