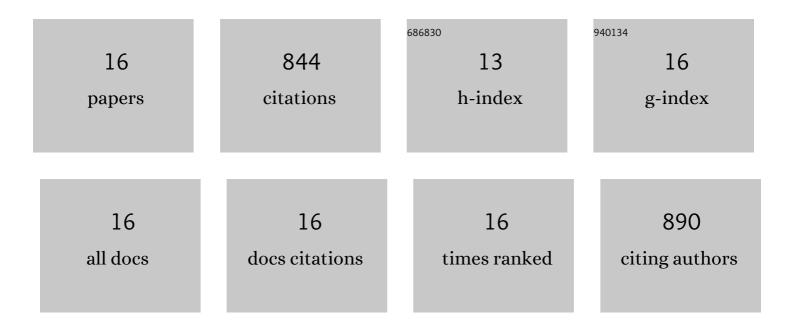


List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Guided Selfâ€Propelled Leaping of Droplets on a Microâ€Anisotropic Superhydrophobic Surface. Angewandte Chemie - International Edition, 2016, 55, 4265-4269.	7.2	135
2	Distinct ice patterns on solid surfaces with various wettabilities. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 11285-11290.	3.3	132
3	Elastic Superhydrophobic and Photocatalytic Active Films Used as Blood Repellent Dressing. Advanced Materials, 2020, 32, e1908008.	11.1	129
4	Contact angle hysteresis. Current Opinion in Colloid and Interface Science, 2022, 59, 101574.	3.4	81
5	Oneâ€5tep Synthesis of a Durable and Liquidâ€Repellent Poly(dimethylsiloxane) Coating. Advanced Materials, 2021, 33, e2100237.	11.1	77
6	Optimizing Hydrophobicity and Photocatalytic Activity of PDMS-Coated Titanium Dioxide. ACS Applied Materials & Interfaces, 2019, 11, 27422-27425.	4.0	62
7	Highâ€Performance Triphase Bioâ€Photoelectrochemical Assay System Based on Superhydrophobic Substrate‣upported TiO ₂ Nanowire Arrays. Advanced Functional Materials, 2018, 28, 1801483.	7.8	45
8	Control of Droplet Evaporation on Oil-Coated Surfaces for the Synthesis of Asymmetric Supraparticles. Langmuir, 2019, 35, 14042-14048.	1.6	29
9	Designing Antiâ€lcing Surfaces by Controlling Ice Formation. Advanced Materials Interfaces, 2021, 8, 2100327.	1.9	29
10	Fabrication of Stretchable Superamphiphobic Surfaces with Deformationâ€Induced Rearrangeable Structures. Advanced Materials, 2022, 34, e2107901.	11.1	27
11	Use of Ion Exchange To Regulate the Heterogeneous Ice Nucleation Efficiency of Mica. Journal of the American Chemical Society, 2020, 142, 17956-17965.	6.6	26
12	Ice Recrystallization Inhibition Is Insufficient to Explain Cryopreservation Abilities of Antifreeze Proteins. Biomacromolecules, 2022, 23, 1214-1220.	2.6	17
13	Vapor Lubrication for Reducing Water and Ice Adhesion on Poly(dimethylsiloxane) Brushes. Advanced Materials, 2022, 34, .	11.1	17
14	Disaccharide Residues are Required for Native Antifreeze Glycoprotein Activity. Biomacromolecules, 2021, 22, 2595-2603.	2.6	16
15	Nonionic and Water-Soluble Poly(<scp>d</scp> / <scp>l</scp> -serine) as a Promising Biomedical Polymer for Cryopreservation. ACS Applied Materials & Interfaces, 2021, 13, 18454-18461.	4.0	14
16	Unraveling Molecular Mechanism on Dilute Surfactant Solution Controlled Ice Recrystallization. Langmuir, 2020, 36, 1691-1698.	1.6	8