

Superhydrophobic Surfaces Developed by Mimicking H Lotus Leaf

Molecules

19, 4256-4283

DOI: [10.3390/molecules19044256](https://doi.org/10.3390/molecules19044256)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Environmentally friendly fabric finishes. , 2015, , 3-33.		7
2	A mechanically bendable superhydrophobic steel surface with self-cleaning and corrosion-resistant properties. Journal of Materials Chemistry A, 2015, 3, 14263-14271.	5.2	219
3	Superhydrophobic laser ablated PTFE substrates. Applied Surface Science, 2015, 349, 715-723.	3.1	56
4	Raspberry-like superhydrophobic silica coatings with self-cleaning properties. Ceramics International, 2015, 41, 11719-11725.	2.3	76
5	Biomimetic surface-conducting silicone rubber obtained by physical deposition of MWCNT. Smart Materials and Structures, 2015, 24, 065040.	1.8	10
6	Self-cleaning superhydrophobic films by supersonic-spraying polytetrafluoroethylene-titania nanoparticles. Journal of Materials Chemistry A, 2015, 3, 3975-3983.	5.2	45
7	Review on hygroscopic aging of cellulose fibres and their biocomposites. Carbohydrate Polymers, 2015, 131, 337-354.	5.1	136
8	Self-cleaning transparent superhydrophobic coatings through simple sol-gel processing of fluoroalkylsilane. Applied Surface Science, 2015, 351, 897-903.	3.1	208
9	Synthesis and self-assembly of well-defined binary graft copolymer and its use in superhydrophobic cotton fabrics preparation. RSC Advances, 2015, 5, 46132-46145.	1.7	17
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18	Induced hydrophobicity in micro- and nanostructured nickel thin films obtained by ultraviolet pulsed laser treatment. Physica Status Solidi (A) Applications and Materials Science, 2016, 213, 2709-2713.	0.8	7
19	Current state and prospects of development of technologies for the production of superhydrophobic materials and coatings. Nanotechnologies in Russia, 2016, 11, 679-695.	0.7	8

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21	A super hydrophilic modification of poly(vinylidene fluoride) (PVDF) nanofibers: By in situ hydrothermal approach. Applied Surface Science, 2016, 385, 417-425.	3.1	31
22	Outstanding adsorption performance of high aspect ratio and super-hydrophobic carbon nanotubes for oil removal. Chemosphere, 2016, 164, 142-155.	4.2	79
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28	3D spherical-cap fitting procedure for (truncated) sessile nano- and micro-droplets & -bubbles. European Physical Journal E, 2016, 39, 106.	0.7	5
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37	Modeling Cassie's Baxter State on Superhydrophobic Surfaces. Journal of Dispersion Science and Technology, 2016, 37, 1208-1213.	1.3	29
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47	A facile and low-cost preparation of durable amphiphobic coatings with fluoride@silica@poly(methacrylic acid) hybrid nanocomposites. <i>Journal of Coatings Technology Research</i> , 2017, 14, 1369-1380.	1.2	4
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61	Superior lubrication properties of biomimetic surfaces with hierarchical structure. <i>Tribology International</i> , 2018, 119, 131-142.	3.0	26
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