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List of Publications by Year
in descending order

26	1,003	516215 16	610482 24
papers	citations	h-index	g-index

26	26	26	1150
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Corrosionâ€Resistant Superhydrophobic Coatings on Mg Alloy Surfaces Inspired by Lotus Seedpod. Advanced Functional Materials, 2017, 27, 1605446.	7.8	243
2	Porous copper surfaces with improved superhydrophobicity under oil and their application in oil separation and capture from water. Chemical Communications, 2013, 49, 8410.	2.2	110
3	Fabrication of robust and repairable superhydrophobic coatings by an immersion method. Chemical Engineering Journal, 2019, 369, 1-7.	6.6	93
4	Large-scale fabrication of translucent, stretchable and durable superhydrophobic composite films. Journal of Materials Chemistry A, 2017, 5, 23489-23496.	5.2	91
5	Beetle and cactus-inspired surface endows continuous and directional droplet jumping for efficient water harvesting. Journal of Materials Chemistry A, 2021, 9, 1507-1516.	5.2	79
6	Superamphiphobic coatings with polymer-wrapped particles: enhancing water harvesting. Journal of Materials Chemistry A, 2019, 7, 5426-5433.	5.2	73
7	Sprayable superhydrophobic nano-chains coating with continuous self-jumping of dew and melting frost. Scientific Reports, 2017, 7, 40300.	1.6	44
8	Frosting Behavior of Superhydrophobic Nanoarrays under Ultralow Temperature. Langmuir, 2017, 33, 8891-8898.	1.6	34
9	Silane-triggered fabrication of stable waterborne superamphiphobic coatings. Chemical Engineering Journal, 2021, 406, 127153.	6.6	31
10	Microscopic Observations of the Lotus Leaf for Explaining the Outstanding Mechanical Properties. Journal of Bionic Engineering, 2012, 9, 84-90.	2.7	29
11	Water-free dedusting on antireflective glass with durable superhydrophobicity. Surface and Coatings Technology, 2018, 356, 123-131.	2.2	23
12	Waterâ€Based Robust Transparent Superamphiphobic Coatings for Resistance to Condensation, Frosting, Icing, and Fouling. Advanced Materials Interfaces, 2020, 7, 1902201.	1.9	22
13	Recyclable Superhydrophobic, Antimoisture-Activated Carbon Pellets for Air and Water Purification. ACS Applied Materials & Interfaces, 2020, 12, 25345-25352.	4.0	21
14	Thermal Stability of Typical Superhydrophobic Surfaces. Journal of Bionic Engineering, 2018, 15, 1025-1034.	2.7	19
15	Enhancing the Robustness of Superhydrophobic Coatings via the Addition of Sulfide. Langmuir, 2019, 35, 6650-6656.	1.6	17
16	Multifunctional Superwetting Composite Coatings for Longâ€Term Antiâ€Icing, Air Purification, and Oily Water Separation. Advanced Materials Interfaces, 2020, 7, 2000013.	1.9	17
17	Condensed dewdrops self-ejecting on sprayable superhydrophobic CNT/SiO₂ composite coating. RSC Advances, 2017, 7, 27574-27577.	1.7	15
18	Mechanically robust superamphiphobic ceramic coatings with releasable nanoparticle-capsules. Chemical Engineering Journal, 2022, 446, 137336.	6.6	14

#	Article	IF	Citations
19	Direct solution phase fabrication of ZnO nanostructure arrays on copper at near room temperature. CrystEngComm, 2014, 16, 5394.	1.3	10
20	Dip-coating of Superhydrophobic Surface on Irregular Substrates for Dropwise Condensation. Journal of Bionic Engineering, 2021, 18, 387-397.	2.7	7
21	Enhancing Nucleation and Detachment of Condensed Drops by Hybrid Wetting Surfaces. Journal of Bionic Engineering, 2018, 15, 452-460.	2.7	6
22	Superhydrophobic catalyst-wrapped fibrofelt with anti-moisture, anti-dusting and NH₃-SCR properties. New Journal of Chemistry, 2022, 46, 14010-14019.	1.4	2
23	Corrosion Resistance: Corrosionâ€Resistant Superhydrophobic Coatings on Mg Alloy Surfaces Inspired by Lotus Seedpod (Adv. Funct. Mater. 8/2017). Advanced Functional Materials, 2017, 27, .	7.8	1
24	Superwetting Composite Coatings: Multifunctional Superwetting Composite Coatings for Longâ€Term Antiâ€Icing, Air Purification, and Oily Water Separation (Adv. Mater. Interfaces 8/2020). Advanced Materials Interfaces, 2020, 7, 2070041.	1.9	1
25	Waterborne superamphiphobic coatings with network structure for enhancing mechanical durability. RSC Advances, 2022, 12, 16510-16516.	1.7	1
26	Waterâ€Based Coatings: Waterâ€Based Robust Transparent Superamphiphobic Coatings for Resistance to Condensation, Frosting, Icing, and Fouling (Adv. Mater. Interfaces 10/2020). Advanced Materials Interfaces, 2020, 7, 2070053.	1.9	0