

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

541
citations

840776

11
h-index

888059

17
g-index

19
all docs

19
docs citations

19
times ranked

497
citing authors

#	ARTICLE	IF	CITATIONS
1	Applications of Plasma Technology in Development of Superhydrophobic Surfaces. Plasma Chemistry and Plasma Processing, 2013, 33, 177-200.	2.4	125
2	Wettability behaviour of RTV silicone rubber coated on nanostructured aluminium surface. Applied Surface Science, 2011, 257, 6489-6493.	6.1	74
3	Recent progress and challenges with 3D printing of patterned hydrophobic and superhydrophobic surfaces. International Journal of Advanced Manufacturing Technology, 2019, 103, 1225-1238.	3.0	64
4	Advances in the Fabrication of Superhydrophobic Polymeric Surfaces by Polymer Molding Processes. Industrial & Engineering Chemistry Research, 2020, 59, 9343-9363.	3.7	49
5	Recent progress in the anti-icing performance of slippery liquid-infused surfaces. Progress in Organic Coatings, 2021, 151, 106096.	3.9	43
6	Robust icephobic, and anticorrosive plasma polymer coating. Cold Regions Science and Technology, 2018, 151, 89-93.	3.5	35
7	Potential use of smart coatings for icephobic applications: A review. Surface and Coatings Technology, 2021, 424, 127656.	4.8	30
8	Potential anti-icing applications of encapsulated phase change material“embedded coatings; a review. Journal of Energy Storage, 2020, 31, 101638.	8.1	24
9	Fabrication of icephobic aluminium surfaces by atmospheric plasma jet polymerisation. Surface Engineering, 2019, 35, 450-455.	2.2	23
10	Development a simple method to create the superhydrophobic composite coatings. Journal of Composite Materials, 2013, 47, 3125-3129.	2.4	18
11	Performance of a nanotextured superhydrophobic coating developed for high-voltage outdoor porcelain insulators. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 649, 129461.	4.7	16
12	A review of plasma-based superhydrophobic textiles: theoretical definitions, fabrication, and recent developments. Journal of Coatings Technology Research, 2021, 18, 1635-1658.	2.5	13
13	Simple Fabrication of Superhydrophobic Surfaces Using Atmospheric-Pressure Plasma. Materials Science Forum, 2018, 941, 1808-1814.	0.3	6
14	One-step fabrication of superhydrophobic nanocomposite with superior anticorrosion performance. Progress in Organic Coatings, 2022, 169, 106918.	3.9	6
15	Micro-Nanostructured Silicone Rubber Surfaces Using Compression Molding. Materials Science Forum, 2018, 941, 1802-1807.	0.3	5
16	Fabrication of liquid-infused textured surfaces (LITS): The effect of surface textures on anti-icing properties and durability. Materials Today Communications, 2022, 32, 103935.	1.9	4
17	Wetting and Self-Cleaning Properties of Silicone Rubber Surfaces Treated by Atmospheric Plasma Jet. , 2018, , .		3
18	Superhydrophobic micro-nanofibers from PHBV-SiO2 biopolymer composites produced by electrospinning. Functional Composite Materials, 2022, 3, .	1.4	3

#	ARTICLE	IF	CITATIONS
19	Superhydrophobic and Highly Oleophilic Polystyrene Fibers (PS) with Delayed Freezing Time and Effective Oil Adsorption. Materials Science Forum, 2018, 941, 2232-2236.	0.3	0