

Frances Heale

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2621241/publications.pdf>

Version: 2024-02-01

7
papers

337
citations

1307594

7
h-index

1720034

7
g-index

7
all docs

7
docs citations

7
times ranked

448
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficiently texturing hierarchical superhydrophobic fluoride-free translucent films by AACVD with excellent durability and self-cleaning ability. <i>Journal of Materials Chemistry A</i> , 2018, 6, 17633-17641.	10.3	99
2	Fabrication of robust superhydrophobic surfaces <i>via</i> aerosol-assisted CVD and thermo-triggered healing of superhydrophobicity by recovery of roughness structures. <i>Journal of Materials Chemistry A</i> , 2019, 7, 17604-17612.	10.3	91
3	Aerosol-assisted chemical vapour deposition of transparent superhydrophobic film by using mixed functional alkoxy silanes. <i>Scientific Reports</i> , 2019, 9, 7549.	3.3	41
4	Slippery Liquid Infused Porous TiO ₂ /SnO ₂ Nanocomposite Thin Films via Aerosol Assisted Chemical Vapor Deposition with Anti-Icing and Fog Retardant Properties. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 41804-41812.	8.0	38
5	Fluorine-Free Transparent Superhydrophobic Nanocomposite Coatings from Mesoporous Silica. <i>Langmuir</i> , 2020, 36, 13426-13438.	3.5	31
6	Inexpensive and non-toxic water repellent coatings comprising SiO ₂ nanoparticles and long chain fatty acids. <i>RSC Advances</i> , 2018, 8, 27064-27072.	3.6	26
7	Dual-scale TiO ₂ and SiO ₂ particles in combination with a fluoroalkylsilane and polydimethylsiloxane superhydrophobic/superoleophilic coating for efficient solvent-water separation. <i>RSC Advances</i> , 2019, 9, 20332-20340.	3.6	11