

Zhen Gu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1871261/publications.pdf>

Version: 2024-02-01

16
papers

573
citations

840776

11
h-index

1058476

14
g-index

16
all docs

16
docs citations

16
times ranked

816
citing authors

#	ARTICLE	IF	CITATIONS
1	Controlling liquid splash on superhydrophobic surfaces by a vesicle surfactant. <i>Science Advances</i> , 2017, 3, e1602188.	10.3	218
2	A Spiderâ€Silkâ€Inspired Wet Adhesive with Supercold Tolerance. <i>Advanced Materials</i> , 2021, 33, e2007301.	21.0	59
3	Superamphiphilic Silicon Wafer Surfaces and Applications for Uniform Polymer Film Fabrication. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 5720-5724.	13.8	54
4	Skin Adhesives with Controlled Adhesion by Polymer Chain Mobility. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 1496-1502.	8.0	48
5	Integration of hydrogels with functional nanoparticles using hydrophobic comb-like polymers as an adhesive layer. <i>Journal of Materials Chemistry A</i> , 2018, 6, 15147-15153.	10.3	43
6	Asymmetric Janus adhesive tape prepared by interfacial hydrosilylation for wet/dry amphibious adhesion. <i>NPG Asia Materials</i> , 2019, 11, .	7.9	33
7	Artificial Asymmetric Cilia Array of Dielectric Elastomer for Cargo Transportation. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 42979-42984.	8.0	27
8	Controlled Growth of Patterned Conducting Polymer Microsuckers on Superhydrophobic Micropillarâ€Structured Templates. <i>Advanced Functional Materials</i> , 2018, 28, 1800240.	14.9	27
9	A novel fluorescent amphiphilic glycopolymer based on a facile combination of isocyanate and glucosamine. <i>Journal of Materials Chemistry C</i> , 2015, 3, 1738-1744.	5.5	22
10	Bio-Inspired Underwater Super Oil-Repellent Coatings for Anti-Oil Pollution. <i>Langmuir</i> , 2018, 34, 6063-6069.	3.5	21
11	Superamphiphilic Silicon Wafer Surfaces and Applications for Uniform Polymer Film Fabrication. <i>Angewandte Chemie</i> , 2017, 129, 5814-5818.	2.0	11
12	Flexible Dry Hydrogel with Lamella-Like Structure Engineered via Dehydration in Poor Solvent. <i>CCS Chemistry</i> , 2020, 2, 533-543.	7.8	7
13	Strain rate-regulated sub-Rouse transition in polystyrene via dynamic mechanical spectroscopy. <i>Colloid and Polymer Science</i> , 2015, 293, 3603-3610.	2.1	2
14	Frontispiece: Superamphiphilic Silicon Wafer Surfaces and Applications for Uniform Polymer Film Fabrication. <i>Angewandte Chemie - International Edition</i> , 2017, 56, .	13.8	1
15	Frontispiz: Superamphiphilic Silicon Wafer Surfaces and Applications for Uniform Polymer Film Fabrication. <i>Angewandte Chemie</i> , 2017, 129, .	2.0	0
16	Flexible Dry Hydrogel with Lamella-Like Structure Engineered via Dehydration in Poor Solvent. <i>CCS Chemistry</i> , 2020, 2, 533-543.	7.8	0