

Yupeng Chen

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

505
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687363

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22
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538
citing authors

#	ARTICLE	IF	CITATIONS
1	Bioinspired Multiscale Wet Adhesive Surfaces: Structures and Controlled Adhesion. <i>Advanced Functional Materials</i> , 2020, 30, 1905287.	14.9	137
2	Superamphiphilic Silicon Wafer Surfaces and Applications for Uniform Polymer Film Fabrication. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 5720-5724.	13.8	54
3	Seeded Mineralization Leads to Hierarchical CaCO ₃ Thin Coatings on Fibers for Oil/Water Separation Applications. <i>Langmuir</i> , 2018, 34, 2942-2951.	3.5	33
4	Rational ion transport management mediated through membrane structures. <i>Exploration</i> , 2021, 1, 20210101.	11.0	29
5	Controlled Growth of Patterned Conducting Polymer Microsuckers on Superhydrophobic Micropillar-Structured Templates. <i>Advanced Functional Materials</i> , 2018, 28, 1800240.	14.9	27
6	Photoswitched Cell Adhesion on Azobenzene-Containing Self-Assembled Films. <i>ChemPhysChem</i> , 2016, 17, 2503-2508.	2.1	26
7	Fire boundaries of lithium-ion cell eruption gases caused by thermal runaway. <i>IScience</i> , 2021, 24, 102401.	4.1	26
8	Bio-Inspired Underwater Super Oil-Repellent Coatings for Anti-Oil Pollution. <i>Langmuir</i> , 2018, 34, 6063-6069.	3.5	21
9	Three-phase interface-assisted advanced electrochemistry-related applications. <i>Cell Reports Physical Science</i> , 2021, 2, 100602.	5.6	18
10	Advanced bioelectrochemical system for nitrogen removal in wastewater. <i>Chemosphere</i> , 2022, 292, 133206.	8.2	18
11	Super-spreading on superamphiphilic micro-organized nanochannel anodic aluminum oxide surfaces for heat dissipation. <i>IScience</i> , 2021, 24, 102334.	4.1	15
12	Superhydrophobic-Substrate-Assisted Construction of Free-Standing Microcavity-Patterned Conducting Polymer Films. <i>Advanced Science</i> , 2021, 8, e2100949.	11.2	15
13	Recent Progress of Spider-Silk-Inspired Adhesive Materials. , 2021, 3, 1453-1467.		15
14	Bioinspired Thermal Runaway Retardant Capsules for Improved Safety and Electrochemical Performance in Lithium-Ion Batteries. <i>Advanced Science</i> , 2022, 9, e2103796.	11.2	15
15	Engineering subcellular-patterned biointerfaces to regulate the surface wetting of multicellular spheroids. <i>Nano Research</i> , 2018, 11, 5704-5715.	10.4	13
16	Superamphiphilic Silicon Wafer Surfaces and Applications for Uniform Polymer Film Fabrication. <i>Angewandte Chemie</i> , 2017, 129, 5814-5818.	2.0	11
17	Construction of Free-Standing MOF Sheets through Electrochemical Printing on Superhydrophobic Substrates. , 2022, 4, 609-617.		9
18	Bio-inspired adhesion control with liquids. <i>IScience</i> , 2022, 25, 103864.	4.1	8

#	ARTICLE	IF	CITATIONS
19	Synergistic Effect of Granular Seed Substrates and Soluble Additives in Structural Control of Prismatic CaCO ₃ Thin Films. Langmuir, 2018, 34, 11126-11138.	3.5	7
20	Design Strategies of Flame-Retardant Additives for Lithium Ion Electrolyte. Journal of Electrochemical Energy Conversion and Storage, 2022, 19, .	2.1	7
21	Frontispiece: Superamphiphilic Silicon Wafer Surfaces and Applications for Uniform Polymer Film Fabrication. Angewandte Chemie - International Edition, 2017, 56, .	13.8	1
22	Frontispiz: Superamphiphilic Silicon Wafer Surfaces and Applications for Uniform Polymer Film Fabrication. Angewandte Chemie, 2017, 129, .	2.0	0