Juan Li

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Bio-inspired inclined nanohair arrays with tunable mechanical properties for effective directional condensed microdroplets self-jumping. Chemical Engineering Journal, 2022, 427, 130887.	12.7	8
2	Facile fabrication of biomimetic films with the microdome and tapered nanonipple hierarchical structure possessing high haze, high transmittance, anti-fouling and moisture self-cleaning functions. Chemical Engineering Journal, 2021, 404, 127101.	12.7	8
3	Fabrication of alumina with ordered tapered-nanopore nested in micro-bowl hierarchical structure by a combined anodization. Materials Chemistry and Physics, 2020, 239, 122023.	4.0	5
4	Superhydrophobic–Superhydrophilic Hybrid Surface with Highly Ordered Tip-Capped Nanopore Arrays for Surface-Enhanced Raman Scattering Spectroscopy. ACS Applied Materials & Interfaces, 2020, 12, 37499-37505.	8.0	11
5	Chiral Near-Fields Induced by Plasmonic Chiral Conic Nanoshell Metallic Nanostructure for Sensitive Biomolecule Detection. Journal of Physical Chemistry C, 2020, 124, 13912-13919.	3.1	18
6	A highly transparent polymer coating on the glass with broadband antireflection, antifogging and antifouling properties. Materials Research Express, 2019, 6, 075319.	1.6	8
7	A Bioinspired, Highly Transparent Surface with Dryâ€Style Antifogging, Antifrosting, Antifouling, and Moisture Selfâ€Cleaning Properties. Macromolecular Rapid Communications, 2019, 40, e1800708.	3.9	38
8	Facile fabrication of superhydrophobic hybrid nanotip and nanopore arrays as surface-enhanced Raman spectroscopy substrates. Applied Surface Science, 2018, 443, 138-144.	6.1	9
9	Pore Nucleation Mechanism of Self-Ordered Alumina with Large Period in Stable Anodization in Citric Acid. Journal of the Electrochemical Society, 2018, 165, E311-E317.	2.9	16
10	Tunable Chiroptical Response of Chiral Plasmonic Nanostructures Fabricated with Chiral Templates through Oblique Angle Deposition. Journal of Physical Chemistry C, 2017, 121, 1299-1304.	3.1	31
11	Fabrication of Self-Ordered Alumina Films with Large Interpore Distance by Janus Anodization in Citric Acid. Scientific Reports, 2016, 6, 39165.	3.3	21
12	Self-Organization Process of Aluminum Oxide during Hard Anodization. Electrochimica Acta, 2016, 213, 14-20.	5.2	21
13	Fabrication of Biomimetic Polymer Nanocone Films with Condensate Microdrop Selfâ€Removal Function. Advanced Materials Interfaces, 2015, 2, 1500238.	3.7	33
14	Copper-Based Ultrathin Nickel Nanocone Films with High-Efficiency Dropwise Condensation Heat Transfer Performance. ACS Applied Materials & Interfaces, 2015, 7, 11719-11723.	8.0	74
15	Condensate Microdrop Self-Propelling Aluminum Surfaces Based on Controllable Fabrication of Alumina Rod-Capped Nanopores. ACS Applied Materials & amp; Interfaces, 2015, 7, 11079-11082.	8.0	55
16	Clustered Ribbed-Nanoneedle Structured Copper Surfaces with High-Efficiency Dropwise Condensation Heat Transfer Performance. ACS Applied Materials & Interfaces, 2015, 7, 10660-10665.	8.0	139
17	Subcooled-Water Nonstickiness of Condensate Microdrop Self-Propelling Nanosurfaces. ACS Applied Materials & Interfaces, 2015, 7, 26391-26395.	8.0	42
18	Facile Fabrication of Anodic Alumina Rod-Capped Nanopore Films with Condensate Microdrop Self-Propelling Function. ACS Applied Materials & amp; Interfaces, 2015, 7, 18206-18210.	8.0	39

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π	ARTICLE		CHATIONS
19	Bioâ€Inspired Highâ€Performance Antireflection and Antifogging Polymer Films. Small, 2014, 10, 2578-2582.	10.0	72
20	Efficient Self-Propelling of Small-Scale Condensed Microdrops by Closely Packed ZnO Nanoneedles. Journal of Physical Chemistry Letters, 2014, 5, 2084-2088.	4.6	139
21	Energy-Effective Frost-Free Coatings Based on Superhydrophobic Aligned Nanocones. ACS Applied Materials & Interfaces, 2014, 6, 8976-8980.	8.0	124
22	Tailoring Hexagonally Packed Metal Hollow-Nanocones and Taper-Nanotubes by Template-Induced Preferential Electrodeposition. ACS Applied Materials & Interfaces, 2013, 5, 10376-10380.	8.0	19
23	Facile Method for Modulating the Profiles and Periods of Self-Ordered Three-Dimensional Alumina Taper-Nanopores. ACS Applied Materials & Interfaces, 2012, 4, 5678-5683.	8.0	47
24	Controlled nanoscale diffusion-limited chemical etching for releasing polystyrene nanocones from recyclable alumina templates. Chemical Communications, 2012, 48, 11322.	4.1	11