

# Juan Li

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5962658/publications.pdf>

Version: 2024-02-01

24  
papers

994  
citations

516561

16  
h-index

580701

25  
g-index

25  
all docs

25  
docs citations

25  
times ranked

941  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Bio-inspired inclined nanohair arrays with tunable mechanical properties for effective directional condensed microdroplets self-jumping. <i>Chemical Engineering Journal</i> , 2022, 427, 130887.   | 6.6 | 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. <i>Chemical Engineering Journal</i> , 2021, 404, 127101. | 6.6 | 8         |
| 3  | Fabrication of alumina with ordered tapered-nanopore nested in micro-bowl hierarchical structure by a combined anodization. <i>Materials Chemistry and Physics</i> , 2020, 239, 122023.   | 2.0 | 5         |
| 4  | Superhydrophobic/Superhydrophilic Hybrid Surface with Highly Ordered Tip-Capped Nanopore Arrays for Surface-Enhanced Raman Scattering Spectroscopy. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 37499-37505.                                    | 4.0 | 11        |
| 5  | Chiral Near-Fields Induced by Plasmonic Chiral Conic Nanoshell Metallic Nanostructure for Sensitive Biomolecule Detection. <i>Journal of Physical Chemistry C</i> , 2020, 124, 13912-13919.   | 1.5 | 18        |
| 6  | A highly transparent polymer coating on the glass with broadband antireflection, antifogging and antifouling properties. <i>Materials Research Express</i> , 2019, 6, 075319.   | 0.8 | 8         |
| 7  | A Bioinspired, Highly Transparent Surface with Dry/Wet Antifogging, Antifrosting, Antifouling, and Moisture Self-Cleaning Properties. <i>Macromolecular Rapid Communications</i> , 2019, 40, e1800708.  | 2.0 | 38        |
| 8  | Facile fabrication of superhydrophobic hybrid nanotip and nanopore arrays as surface-enhanced Raman spectroscopy substrates. <i>Applied Surface Science</i> , 2018, 443, 138-144.   | 3.1 | 9         |
| 9  | Pore Nucleation Mechanism of Self-Ordered Alumina with Large Period in Stable Anodization in Citric Acid. <i>Journal of the Electrochemical Society</i> , 2018, 165, E311-E317.   | 1.3 | 16        |
| 10 | Tunable Chiroptical Response of Chiral Plasmonic Nanostructures Fabricated with Chiral Templates through Oblique Angle Deposition. <i>Journal of Physical Chemistry C</i> , 2017, 121, 1299-1304.   | 1.5 | 31        |
| 11 | Fabrication of Self-Ordered Alumina Films with Large Interpore Distance by Janus Anodization in Citric Acid. <i>Scientific Reports</i> , 2016, 6, 39165.  | 1.6 | 21        |
| 12 | Self-Organization Process of Aluminum Oxide during Hard Anodization. <i>Electrochimica Acta</i> , 2016, 213, 14-20.   | 2.6 | 21        |
| 13 | Fabrication of Biomimetic Polymer Nanocone Films with Condensate Microdrop Self-Removal Function. <i>Advanced Materials Interfaces</i> , 2015, 2, 1500238.  | 1.9 | 33        |
| 14 | Copper-Based Ultrathin Nickel Nanocone Films with High-Efficiency Dropwise Condensation Heat Transfer Performance. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 11719-11723.  | 4.0 | 74        |
| 15 | Condensate Microdrop Self-Propelling Aluminum Surfaces Based on Controllable Fabrication of Alumina Rod-Capped Nanopores. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 11079-11082.   | 4.0 | 55        |
| 16 | Clustered Ribbed-Nanoneedle Structured Copper Surfaces with High-Efficiency Dropwise Condensation Heat Transfer Performance. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 10660-10665.  | 4.0 | 139       |
| 17 | Subcooled-Water Nonstickiness of Condensate Microdrop Self-Propelling Nanosurfaces. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 26391-26395.   | 4.0 | 42        |
| 18 | Facile Fabrication of Anodic Alumina Rod-Capped Nanopore Films with Condensate Microdrop Self-Propelling Function. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 18206-18210.  | 4.0 | 39        |

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|----|---|-----|-----------|
| 19 | Bio-Inspired High-Performance Antireflection and Antifogging Polymer Films. <i>Small</i> , 2014, 10, 2578-2582.   | 5.2 | 72        |
| 20 | Efficient Self-Propelling of Small-Scale Condensed Microdrops by Closely Packed ZnO Nanoneedles. <i>Journal of Physical Chemistry Letters</i> , 2014, 5, 2084-2088.                               | 2.1 | 139       |
| 21 | Energy-Effective Frost-Free Coatings Based on Superhydrophobic Aligned Nanocones. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 8976-8980.   | 4.0 | 124       |
| 22 | Tailoring Hexagonally Packed Metal Hollow-Nanocones and Taper-Nanotubes by Template-Induced Preferential Electrodeposition. <i>ACS Applied Materials &amp; Interfaces</i> , 2013, 5, 10376-10380. | 4.0 | 19        |
| 23 | Facile Method for Modulating the Profiles and Periods of Self-Ordered Three-Dimensional Alumina Taper-Nanopores. <i>ACS Applied Materials &amp; Interfaces</i> , 2012, 4, 5678-5683.              | 4.0 | 47        |
| 24 | Controlled nanoscale diffusion-limited chemical etching for releasing polystyrene nanocones from recyclable alumina templates. <i>Chemical Communications</i> , 2012, 48, 11322.                  | 2.2 | 11        |