

Chong-Han Yin

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Bio-Inspired Lotus-Fiber-like Spiral Hydrogel Bacterial Cellulose Fibers. Nano Letters, 2021, 21, 952-958. | 9.1 | 97 |
| 2 | Sustainable Cellulose-Nanofiber-Based Hydrogels. ACS Nano, 2021, 15, 7889-7898. | 14.6 | 84 |
| 3 | Sustainable Double-Network Structural Materials for Electromagnetic Shielding. Nano Letters, 2021, 21, 2532-2537. | 9.1 | 83 |
| 4 | Nacre-Inspired Nanocomposite Films with Enhanced Mechanical and Barrier Properties by Self-Assembly of Poly(Lactic Acid) Coated Mica Nanosheets. Advanced Functional Materials, 2022, 32, . | 14.9 | 48 |
| 5 | Edible, Ultrastrong, and Microplastic-Free Bacterial Cellulose-Based Straws by Biosynthesis. Advanced Functional Materials, 2022, 32, . | 14.9 | 42 |
| 6 | Nacre-Inspired Sustainable Coatings with Remarkable Fire-Retardant and Energy-Saving Cooling Performance. , 2021, 3, 243-248. | | 33 |
| 7 | Sustainable 3D Structural Binder for High-Performance Supercapacitor by Biosynthesis Process. Advanced Functional Materials, 2021, 31, 2105070. | 14.9 | 32 |
| 8 | Plant Cellulose Nanofiber-Derived Structural Material with High-Density Reversible Interaction Networks for Plastic Substitute. Nano Letters, 2021, 21, 8999-9004. | 9.1 | 32 |
| 9 | Sustainable Multiscale High-Haze Transparent Cellulose Fiber Film via a Biomimetic Approach. , 2022, 4, 87-92. | | 32 |
| 10 | Microplastics release from victuals packaging materials during daily usage. EcoMat, 2021, 3, e12107. | 11.9 | 31 |
| 11 | Biomimetic Design and Mass Production of Sustainable Multiscale Cellulose Fibers-Based Hierarchical Filter Materials for Protective Clothing. Advanced Materials Technologies, 2021, 6, 2100193. | 5.8 | 15 |