

Superstrong, Superstiff Macrofibers with Aligned,

Advanced Materials

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Template-Guided Assembly of Silk Fibroin on Cellulose Nanofibers for Robust Nanostructures with Ultrafast Water Transport. <i>ACS Nano</i> , 2017, 11, 12008-12019.	14.6	107
2	Nanoporous cellulose membrane doped with silver for continuous catalytic decolorization of organic dyes. <i>Cellulose</i> , 2018, 25, 2547-2558.	4.9	42
3	Biofabrication of multifunctional nanocellulosic 3D structures: a facile and customizable route. <i>Materials Horizons</i> , 2018, 5, 408-415.	12.2	81
4	Design of reusable novel membranes based on bacterial cellulose and chitosan for the filtration of copper in wastewaters. <i>Carbohydrate Polymers</i> , 2018, 193, 362-372.	10.2	73
5	Effects of nanofiber orientations on the fracture toughness of cellulose nanopaper. <i>Engineering Fracture Mechanics</i> , 2018, 194, 350-361.	4.3	47
6	Wood-Based Nanotechnologies toward Sustainability. <i>Advanced Materials</i> , 2018, 30, 1703453.	21.0	359
7	Structure and properties of graphene oxide/cellulose hybrid fibers via divalent metal ions treatment. <i>Cellulose</i> , 2018, 25, 517-525.	4.9	7
8	Bioinspired Macroscopic Ribbon Fibers with a Nacre-Mimetic Architecture Based on Highly Ordered Alignment of Ultralong Hydroxyapatite Nanowires. <i>ACS Nano</i> , 2018, 12, 12284-12295.	14.6	46
9	Continuous Assembly of Cellulose Nanofibrils and Nanocrystals into Strong Macrofibers through Microfluidic Spinning. <i>Advanced Materials Technologies</i> , 2019, 4, 1800557.	5.8	47
10	NaOH/urea solution spinning of cellulose hybrid fibers embedded with Ag nanoparticles: influence of stretching on structure and properties. <i>Cellulose</i> , 2018, 25, 7211-7224.	4.9	10
11	Super Strong All-Cellulose Composite Filaments by Combination of Inducing Nanofiber Formation and Adding Nanofibrillated Cellulose. <i>Biomacromolecules</i> , 2018, 19, 4386-4395.	5.4	27
12	Bacterial-Derived, Compressible, and Hierarchical Porous Carbon for High-Performance Potassium-Ion Batteries. <i>Nano Letters</i> , 2018, 18, 7407-7413.	9.1	192
13	High Aspect Ratio Carboxylated Cellulose Nanofibers Cross-linked to Robust Aerogels for Superabsorption—Flocculants: Paving Way from Nanoscale to Macroscale. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 20755-20766.	8.0	131
14	Poly(bis[2-(methacryloyloxy)ethyl] phosphate)/Bacterial Cellulose Nanocomposites: Preparation, Characterization and Application as Polymer Electrolyte Membranes. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 1145.	2.5	37
15	Flexible Electronics Based on Micro/Nanostructured Paper. <i>Advanced Materials</i> , 2018, 30, e1801588.	21.0	249
16	High-Strength, High-Toughness Aligned Polymer-Based Nanocomposite Reinforced with Ultralow Weight Fraction of Functionalized Nanocellulose. <i>Biomacromolecules</i> , 2018, 19, 4075-4083.	5.4	37
17	Enhancing bacterial cellulose production via adding mesoporous halloysite nanotubes in the culture medium. <i>Carbohydrate Polymers</i> , 2018, 198, 191-196.	10.2	23
18	Nanocellulose applications in sustainable electrochemical and piezoelectric systems: A review. <i>Carbohydrate Polymers</i> , 2019, 224, 115149.	10.2	61

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20	Soft Bacterial Cellulose Microcapsules with Adaptable Shapes. Biomacromolecules, 2019, 20, 4437-4446.	5.4	21
21	Single-digit-micrometer thickness wood speaker. Nature Communications, 2019, 10, 5084.	12.8	45
22	Bone-Inspired Mineralization with Highly Aligned Cellulose Nanofibers as Template. ACS Applied Materials & Interfaces, 2019, 11, 42486-42495.	8.0	41
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