

Nanocellulose, a Versatile Green Platform: From Biosou Applications

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Nanocellulose-based films and their emerging applications. <i>Current Opinion in Solid State and Materials Science</i> , 2019, 23, 100764.	5.6	109
2	Strong and Tough Cellulose Nanofibrils Composite Films: Mechanism of Synergetic Effect of Hydrogen Bonds and Ionic Interactions. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 14341-14346.	3.2	44
3	Preparation of Polyanionic Cellulosic Microparticles with Antioxidant Capacity by Introducing Sulphurous Acid Groups onto Cellulose. <i>Advances in Polymer Technology</i> , 2019, 2019, 1-8.	0.8	2
4	Nanocellulose-Reinforced Unsaturated Polyester Composites. , 2019, , 257-274.		0
5	Systematic Hydrogen-Bond Manipulations To Establish Polysaccharide Structure-Property Correlations. <i>Angewandte Chemie</i> , 2019, 131, 13261-13266.	1.6	35
6	Self-Assembly of Emissive Nanocellulose/Quantum Dot Nanostructures for Chiral Fluorescent Materials. <i>ACS Nano</i> , 2019, 13, 9074-9081.	7.3	115
7	Nanocellulose-based materials as components of polymer electrolyte fuel cells. <i>Journal of Materials Chemistry A</i> , 2019, 7, 20045-20074.	5.2	85
8	Effect of the Ratio of Acetylacetate Groups on the Properties of a Novel Plant-Based Dual-Cure Coating System. <i>ACS Omega</i> , 2019, 4, 11173-11180.	1.6	14
9	Preparation and characterization of spherical cellulose nanocrystals with high purity by the composite enzymolysis of pulp fibers. <i>Bioresource Technology</i> , 2019, 291, 121842.	4.8	41
10	Frequency analysis of hexagonal microbeam with 2D nanofiber mat. <i>Materials Research Express</i> , 2019, 6, 085631.	0.8	1
11	Hybrid Gibbsite Nanoplatelet/Cellulose Nanocrystal Multilayered Coatings for Oxygen Barrier Improvement. <i>Frontiers in Chemistry</i> , 2019, 7, 507.	1.8	8
12	<i>Cladophora</i> Cellulose: Unique Biopolymer Nanofibrils for Emerging Energy, Environmental, and Life Science Applications. <i>Accounts of Chemical Research</i> , 2019, 52, 2232-2243.	7.6	76
13	Processing nanocellulose to bulk materials: a review. <i>Cellulose</i> , 2019, 26, 7585-7617.	2.4	98
14	Preparation of thermally stable and surface-functionalized cellulose nanocrystals via mixed H ₂ SO ₄ /Oxalic acid hydrolysis. <i>Carbohydrate Polymers</i> , 2019, 223, 115116.	5.1	81
15	Systematic Hydrogen-Bond Manipulations To Establish Polysaccharide Structure-Property Correlations. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 13127-13132.	7.2	76
16	Double-Network Formation and Mechanical Enhancement of Reducing End-Modified Cellulose Nanocrystals to the Thermoplastic Elastomer Based on Click Reaction and Bulk Cross-Linking. <i>Macromolecules</i> , 2019, 52, 5894-5906.	2.2	39
17	Volatile Acid Responsiveness of Chiral Nematic Luminescent Cellulose Nanocrystal/9,10-Bis((Z)-2-phenyl-2-(pyridin-2-yl)vinyl)anthracene Composite Films. <i>ACS Sustainable Chemistry and Engineering</i> , 0, , .	3.2	5
18	Nanocellulose-Based Conductive Membranes for Free-Standing Supercapacitors: A Review. <i>Membranes</i> , 2019, 9, 74.	1.4	22

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20	MXene-Reinforced Cellulose Nanofibril Inks for 3D-Printed Smart Fibres and Textiles. <i>Advanced Functional Materials</i> , 2019, 29, 1905898.	7.8	206
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24	Naked-Eye Heterogeneous Sensing of Fluoride Ions by Co-Polymeric Nanosponge Systems Comprising Aromatic-Imide-Functionalized Nanocellulose and Branched Polyethyleneimine. <i>ChemPlusChem</i> , 2019, 84, 1512-1518.	1.3	19
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33	Emulsion Formation and Stabilization by Biomolecules: The Leading Role of Cellulose. <i>Polymers</i> , 2019, 11, 1570.	2.0	111
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