

Xiuxuan Sun

List of Publications by Year in descending order

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759233

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#	ARTICLE	IF	CITATIONS
1	ZIF-67@Cellulose nanofiber hybrid membrane with controlled porosity for use as Li-ion battery separator. <i>Journal of Energy Chemistry</i> , 2021, 52, 170-180.	12.9	98
2	Comparative performance of bio-based coatings formulated with cellulose, chitin, and chitosan nanomaterials suitable for fruit preservation. <i>Carbohydrate Polymers</i> , 2021, 259, 117764.	10.2	38
3	Zeolitic imidazolate framework-cellulose nanofiber hybrid membrane as Li-Ion battery separator: Basic membrane property and battery performance. <i>Journal of Power Sources</i> , 2020, 454, 227878.	7.8	40
4	Influence of Cellulose Nanoparticles on Rheological Behavior of Oil Well Cement-Water Slurries. <i>Materials</i> , 2019, 12, 291.	2.9	24
5	Interfacial modification mechanism of nanocellulose as a compatibilizer for immiscible binary poly(vinyl alcohol)/poly(ethylene oxide) blends. <i>Journal of Applied Polymer Science</i> , 2018, 135, 45896.	2.6	14
6	Nanocellulose films with combined cellulose nanofibers and nanocrystals: tailored thermal, optical and mechanical properties. <i>Cellulose</i> , 2018, 25, 1103-1115.	4.9	85
7	A comparative study of different nanoclay-reinforced cellulose nanofibril biocomposites with enhanced thermal and mechanical properties. <i>Composite Interfaces</i> , 2018, 25, 301-315.	2.3	7
8	Surface wetting behavior of nanocellulose-based composite films. <i>Cellulose</i> , 2018, 25, 5071-5087.	4.9	27
9	Rheology, curing temperature and mechanical performance of oil well cement: Combined effect of cellulose nanofibers and graphene nano-platelets. <i>Materials and Design</i> , 2017, 114, 92-101.	7.0	83
10	Cellulose Nanofibers as a Modifier for Rheology, Curing and Mechanical Performance of Oil Well Cement. <i>Scientific Reports</i> , 2016, 6, 31654.	3.3	59
11	Poly(diallyldimethylammonium chloride)@cellulose nanocrystals supported Au nanoparticles for nonenzymatic glucose sensing. <i>RSC Advances</i> , 2016, 6, 6436-6442.	3.6	38
12	Comparison of highly transparent all-cellulose nanopaper prepared using sulfuric acid and TEMPO-mediated oxidation methods. <i>Cellulose</i> , 2015, 22, 1123-1133.	4.9	108
13	Synthesis and photovoltaic properties of novel 3,4-ethylenedithiathiophene-based copolymers for organic solar cells. <i>Polymer Chemistry</i> , 2013, 4, 1317.	3.9	18