

Michael S Reid

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

22
papers

1,189
citations

12
h-index

23
g-index

23
ext. papers

1,558
ext. citations

9.9
avg, IF

4.94
L-index

#	Paper	IF	Citations
22	Current characterization methods for cellulose nanomaterials. <i>Chemical Society Reviews</i> , 2018 , 47, 2609-2679	38.5	436
21	Benchmarking Cellulose Nanocrystals: From the Laboratory to Industrial Production. <i>Langmuir</i> , 2017 , 33, 1583-1598	4	276
20	Multifunctional Nanocomposites with High Strength and Capacitance Using 2D MXene and 1D Nanocellulose. <i>Advanced Materials</i> , 2019 , 31, e1902977	24	129
19	Insight into thermal stability of cellulose nanocrystals from new hydrolysis methods with acid blends. <i>Cellulose</i> , 2019 , 26, 507-528	5.5	60
18	Eco-Friendly Cellulose Nanofibrils Designed by Nature: Effects from Preserving Native State. <i>ACS Nano</i> , 2020 , 14, 724-735	16.7	58
17	Cellulose nanocrystal interactions probed by thin film swelling to predict dispersibility. <i>Nanoscale</i> , 2016 , 8, 12247-57	7.7	53
16	The role of hydrogen bonding in non-ionic polymer adsorption to cellulose nanocrystals and silica colloids. <i>Current Opinion in Colloid and Interface Science</i> , 2017 , 29, 76-82	7.6	40
15	One-step in-mould modification of PDMS surfaces and its application in the fabrication of self-driven microfluidic channels. <i>Lab on A Chip</i> , 2015 , 15, 4322-30	7.2	27
14	Effect of Ionic Strength and Surface Charge Density on the Kinetics of Cellulose Nanocrystal Thin Film Swelling. <i>Langmuir</i> , 2017 , 33, 7403-7411	4	23
13	Comparison of polyethylene glycol adsorption to nanocellulose versus fumed silica in water. <i>Cellulose</i> , 2017 , 24, 4743-4757	5.5	17
12	Interfacial Polymerization of Cellulose Nanocrystal Polyamide Janus Nanocomposites with Controlled Architectures. <i>ACS Macro Letters</i> , 2019 , 8, 1334-1340	6.6	14
11	Comparing Soft Semicrystalline Polymer Nanocomposites Reinforced with Cellulose Nanocrystals and Fumed Silica. <i>Industrial & Engineering Chemistry Research</i> , 2018 , 57, 220-230	3.9	14
10	Biofabrication of Nanocellulose Mycelium Hybrid Materials. <i>Advanced Sustainable Systems</i> , 2021 , 5, 2000196	5.6	11
9	Polymer Films from Cellulose Nanofibrils: Effects from Interfibrillar Interphase on Mechanical Behavior. <i>Macromolecules</i> , 2021 , 54, 4443-4452	5.5	10
8	In Situ Modification of Regenerated Cellulose Beads: Creating All-Cellulose Composites. <i>Industrial & Engineering Chemistry Research</i> , 2020 , 59, 2968-2976	3.9	9
7	Fluorescently labeled cellulose nanofibrils for detection and loss analysis. <i>Carbohydrate Polymers</i> , 2020 , 250, 116943	10.3	4
6	Surface tailoring of cellulose aerogel-like structures with ultrathin coatings using molecular layer-by-layer assembly.. <i>Carbohydrate Polymers</i> , 2022 , 282, 119098	10.3	2

5	On the interaction between PEDOT:PSS and cellulose: Adsorption mechanisms and controlling factors. <i>Carbohydrate Polymers</i> , 2021 , 260, 117818	10.3	2
4	Advanced Characterization of Self-Fibrillating Cellulose Fibers and Their Use in Tunable Filters. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 32467-32478	9.5	2
3	Investigating the adsorption of anisotropic diblock copolymer worms onto planar silica and nanocellulose surfaces using a quartz crystal microbalance. <i>Polymer Chemistry</i> ,	4.9	1
2	Tunable Adhesion and Interfacial Structure of Layer-by-Layer Assembled Block co-polymer Micelle and Polyelectrolyte Coatings. <i>Advanced Materials Interfaces</i> , 2200065	4.6	1
1	Modification of cellulose through physisorption of cationic bio-based nanolatexes [Comparing emulsion polymerization and RAFT-mediated polymerization-induced self-assembly. <i>Green Chemistry</i> , 2021 , 23, 2113-2122	10	0