Michael S Reid

List of Publications by Year in Descending Order

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	Surface tailoring of cellulose aerogel-like structures with ultrathin coatings using molecular layer-by-layer assembly.. *Carbohydrate Polymers*, **2022**, 282, 119098	10.3	2
21	Polymer Films from Cellulose Nanofibrils Effects from Interfibrillar Interphase on Mechanical Behavior. *Macromolecules*, **2021**, 54, 4443-4452	5.5	10
20	On the interaction between PEDOT:PSS and cellulose: Adsorption mechanisms and controlling factors. *Carbohydrate Polymers*, **2021**, 260, 117818	10.3	2
19	Advanced Characterization of Self-Fibrillating Cellulose Fibers and Their Use in Tunable Filters. *ACS Applied Materials & Interfaces*, **2021**, 13, 32467-32478	9.5	2
18	Biofabrication of Nanocellulose Mycelium Hybrid Materials. *Advanced Sustainable Systems*, **2021**, 5, 2000196	5.9	11
17	Modification of cellulose through physisorption of cationic bio-based nanolatexes comparing emulsion polymerization and RAFT-mediated polymerization-induced self-assembly. *Green Chemistry*, **2021**, 23, 2113-2122	10	0
16	In Situ Modification of Regenerated Cellulose Beads: Creating All-Cellulose Composites. *Industrial & Engineering Chemistry Research*, **2020**, 59, 2968-2976	3.9	9
15	Eco-Friendly Cellulose Nanofibrils Designed by Nature: Effects from Preserving Native State. *ACS Nano*, **2020**, 14, 724-735	16.7	58
14	Fluorescently labeled cellulose nanofibrils for detection and loss analysis. *Carbohydrate Polymers*, **2020**, 250, 116943	10.3	4
13	Interfacial Polymerization of Cellulose Nanocrystal Polyamide Janus Nanocomposites with Controlled Architectures. *ACS Macro Letters*, **2019**, 8, 1334-1340	6.6	14
12	Multifunctional Nanocomposites with High Strength and Capacitance Using 2D MXene and 1D Nanocellulose. *Advanced Materials*, **2019**, 31, e1902977	24	129
11	Insight into thermal stability of cellulose nanocrystals from new hydrolysis methods with acid blends. *Cellulose*, **2019**, 26, 507-528	5.5	60
10	Current characterization methods for cellulose nanomaterials. *Chemical Society Reviews*, **2018**, 47, 2609-2679	38.5	436
9	Comparing Soft Semicrystalline Polymer Nanocomposites Reinforced with Cellulose Nanocrystals and Fumed Silica. *Industrial & Engineering Chemistry Research*, **2018**, 57, 220-230	3.9	14
8	The role of hydrogen bonding in non-ionic polymer adsorption to cellulose nanocrystals and silica colloids. *Current Opinion in Colloid and Interface Science*, **2017**, 29, 76-82	7.6	40
7	Benchmarking Cellulose Nanocrystals: From the Laboratory to Industrial Production. *Langmuir*, **2017**, 33, 1583-1598	4	276
6	Comparison of polyethylene glycol adsorption to nanocellulose versus fumed silica in water. *Cellulose*, **2017**, 24, 4743-4757	5.5	17

5	Effect of Ionic Strength and Surface Charge Density on the Kinetics of Cellulose Nanocrystal Thin Film Swelling. *Langmuir*, **2017**, 33, 7403-7411	4	23
4	Cellulose nanocrystal interactions probed by thin film swelling to predict dispersibility. *Nanoscale*, **2016**, 8, 12247-57	7.7	53
3	One-step in-mould modification of PDMS surfaces and its application in the fabrication of self-driven microfluidic channels. *Lab on A Chip*, **2015**, 15, 4322-30	7.2	27
2	Investigating the adsorption of anisotropic diblock copolymer worms onto planar silica and nanocellulose surfaces using a quartz crystal microbalance. *Polymer Chemistry*,	4.9	1
1	Tunable Adhesion and Interfacial Structure of Layer-by-Layer Assembled Block co-polymer Micelle and Polyelectrolyte Coatings. *Advanced Materials Interfaces*,2200065	4.6	1