

Emily D Cranston

List of Publications by Citations

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116
papers

7,428
citations

40
h-index

85
g-index

125
ext. papers

8,869
ext. citations

7.4
avg, IF

6.87
L-index

| # | Paper | IF | Citations |
|-----|--|-------|-----------|
| 116 | Review of Hydrogels and Aerogels Containing Nanocellulose. <i>Chemistry of Materials</i> , 2017 , 29, 4609-4631 | 9.6 | 798 |
| 115 | Current characterization methods for cellulose nanomaterials. <i>Chemical Society Reviews</i> , 2018 , 47, 2609-2679 | 38.79 | 436 |
| 114 | Cationic surface functionalization of cellulose nanocrystals. <i>Soft Matter</i> , 2008 , 4, 2238-2244 | 3.6 | 424 |
| 113 | Nanocellulose as a natural source for groundbreaking applications in materials science: Today's state. <i>Materials Today</i> , 2018 , 21, 720-748 | 21.8 | 419 |
| 112 | Chemically Cross-Linked Cellulose Nanocrystal Aerogels with Shape Recovery and Superabsorbent Properties. <i>Chemistry of Materials</i> , 2014 , 26, 6016-6025 | 9.6 | 344 |
| 111 | Morphological and optical characterization of polyelectrolyte multilayers incorporating nanocrystalline cellulose. <i>Biomacromolecules</i> , 2006 , 7, 2522-30 | 6.9 | 313 |
| 110 | Benchmarking Cellulose Nanocrystals: From the Laboratory to Industrial Production. <i>Langmuir</i> , 2017 , 33, 1583-1598 | 4 | 276 |
| 109 | Flexible and Porous Nanocellulose Aerogels with High Loadings of Metal-Organic-Framework Particles for Separations Applications. <i>Advanced Materials</i> , 2016 , 28, 7652-7 | 24 | 255 |
| 108 | Cellulose Nanocrystal Aerogels as Universal 3D Lightweight Substrates for Supercapacitor Materials. <i>Advanced Materials</i> , 2015 , 27, 6104-9 | 24 | 253 |
| 107 | Surfactant-enhanced cellulose nanocrystal Pickering emulsions. <i>Journal of Colloid and Interface Science</i> , 2015 , 439, 139-48 | 9.3 | 239 |
| 106 | Injectable polysaccharide hydrogels reinforced with cellulose nanocrystals: morphology, rheology, degradation, and cytotoxicity. <i>Biomacromolecules</i> , 2013 , 14, 4447-55 | 6.9 | 227 |
| 105 | Composite Hydrogels with Tunable Anisotropic Morphologies and Mechanical Properties. <i>Chemistry of Materials</i> , 2016 , 28, 3406-3415 | 9.6 | 156 |
| 104 | Polymer-grafted cellulose nanocrystals as pH-responsive reversible flocculants. <i>Biomacromolecules</i> , 2013 , 14, 3130-9 | 6.9 | 155 |
| 103 | Enhanced Mechanical Properties in Cellulose Nanocrystal-Poly(oligoethylene glycol methacrylate) Injectable Nanocomposite Hydrogels through Control of Physical and Chemical Cross-Linking. <i>Biomacromolecules</i> , 2016 , 17, 649-60 | 6.9 | 137 |
| 102 | One-Pot Water-Based Hydrophobic Surface Modification of Cellulose Nanocrystals Using Plant Polyphenols. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 5018-5026 | 8.3 | 128 |
| 101 | Birefringence in spin-coated films containing cellulose nanocrystals. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2008 , 325, 44-51 | 5.1 | 120 |
| 100 | Synergistic Stabilization of Emulsions and Emulsion Gels with Water-Soluble Polymers and Cellulose Nanocrystals. <i>ACS Sustainable Chemistry and Engineering</i> , 2015 , 3, 1023-1031 | 8.3 | 117 |

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| 99 | Dried and Redispersible Cellulose Nanocrystal Pickering Emulsions. <i>ACS Macro Letters</i> , 2016 , 5, 185-189 | 6.6 | 117 |
| 98 | Efficient Lightweight Supercapacitor with Compression Stability. <i>Advanced Functional Materials</i> , 2016 , 26, 6437-6445 | 15.6 | 101 |
| 97 | Fluorescent labeling and characterization of cellulose nanocrystals with varying charge contents. <i>Biomacromolecules</i> , 2013 , 14, 3278-84 | 6.9 | 95 |
| 96 | Production routes to tailor the performance of cellulose nanocrystals. <i>Nature Reviews Materials</i> , 2021 , 6, 124-144 | 73.3 | 90 |
| 95 | Cooperative Ordering and Kinetics of Cellulose Nanocrystal Alignment in a Magnetic Field. <i>Langmuir</i> , 2016 , 32, 7564-71 | 4 | 89 |
| 94 | Tuning cellulose nanocrystal gelation with polysaccharides and surfactants. <i>Langmuir</i> , 2014 , 30, 2684-924 | | 87 |
| 93 | Injectable Anisotropic Nanocomposite Hydrogels Direct in Situ Growth and Alignment of Myotubes. <i>Nano Letters</i> , 2017 , 17, 6487-6495 | 11.5 | 76 |
| 92 | Cross-linked cellulose nanocrystal aerogels as viable bone tissue scaffolds. <i>Acta Biomaterialia</i> , 2019 , 87, 152-165 | 10.8 | 76 |
| 91 | Porous nanocellulose gels and foams: Breakthrough status in the development of scaffolds for tissue engineering. <i>Materials Today</i> , 2020 , 37, 126-141 | 21.8 | 76 |
| 90 | Tailoring Cellulose Nanocrystal and Surfactant Behavior in Miniemulsion Polymerization. <i>Macromolecules</i> , 2017 , 50, 2645-2655 | 5.5 | 69 |
| 89 | Determination of Young's modulus for nanofibrillated cellulose multilayer thin films using buckling mechanics. <i>Biomacromolecules</i> , 2011 , 12, 961-9 | 6.9 | 69 |
| 88 | Surface modification of cellulose nanocrystals with cetyltrimethylammonium bromide. <i>Nordic Pulp and Paper Research Journal</i> , 2014 , 29, 46-57 | 1.1 | 67 |
| 87 | Pressure sensitive adhesive property modification using cellulose nanocrystals. <i>International Journal of Adhesion and Adhesives</i> , 2018 , 81, 36-42 | 3.4 | 64 |
| 86 | Insight into thermal stability of cellulose nanocrystals from new hydrolysis methods with acid blends. <i>Cellulose</i> , 2019 , 26, 507-528 | 5.5 | 60 |
| 85 | Cocrystallization model for synthetic biodegradable poly(butylene adipate-co-butylene terephthalate). <i>Biomacromolecules</i> , 2003 , 4, 995-9 | 6.9 | 59 |
| 84 | Cellulose nanocrystal interactions probed by thin film swelling to predict dispersibility. <i>Nanoscale</i> , 2016 , 8, 12247-57 | 7.7 | 53 |
| 83 | Direct surface force measurements of polyelectrolyte multilayer films containing nanocrystalline cellulose. <i>Langmuir</i> , 2010 , 26, 17190-7 | 4 | 53 |
| 82 | Recent advances and an industrial perspective of cellulose nanocrystal functionalization through polymer grafting. <i>Current Opinion in Solid State and Materials Science</i> , 2019 , 23, 74-91 | 12 | 50 |

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| 81 | Stable Aqueous Foams from Cellulose Nanocrystals and Methyl Cellulose. <i>Biomacromolecules</i> , 2016 , 17, 4095-4099 | 6.9 | 49 |
| 80 | Optimization of cellulose nanocrystal length and surface charge density through phosphoric acid hydrolysis. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2018 , 376, | 3 | 47 |
| 79 | Adsorption of Xyloglucan onto Cellulose Surfaces of Different Morphologies: An Entropy-Driven Process. <i>Biomacromolecules</i> , 2016 , 17, 2801-11 | 6.9 | 43 |
| 78 | Poly(methyl methacrylate)-grafted cellulose nanocrystals: One-step synthesis, nanocomposite preparation, and characterization. <i>Canadian Journal of Chemical Engineering</i> , 2016 , 94, 811-822 | 2.3 | 42 |
| 77 | Nanocellulose in Emulsions and Heterogeneous Water-Based Polymer Systems: A Review. <i>Advanced Materials</i> , 2021 , 33, e2002404 | 24 | 42 |
| 76 | 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 |
| 75 | Cellulose Nanocrystals and Methyl Cellulose as Costabilizers for Nanocomposite Latexes with Double Morphology. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 10509-10517 | 8.3 | 39 |
| 74 | Optimization of Spray Drying Conditions for Yield, Particle Size and Biological Activity of Thermally Stable Viral Vectors. <i>Pharmaceutical Research</i> , 2016 , 33, 2763-76 | 4.5 | 37 |
| 73 | Tissue Response and Biodistribution of Injectable Cellulose Nanocrystal Composite Hydrogels. <i>ACS Biomaterials Science and Engineering</i> , 2019 , 5, 2235-2246 | 5.5 | 34 |
| 72 | Hybrid fluorescent nanoparticles from quantum dots coupled to cellulose nanocrystals. <i>Cellulose</i> , 2017 , 24, 1287-1293 | 5.5 | 32 |
| 71 | Effect of Counterion Choice on the Stability of Cellulose Nanocrystal Pickering Emulsions. <i>Industrial & Engineering Chemistry Research</i> , 2018 , 57, 7169-7180 | 3.9 | 32 |
| 70 | Synthesis of Poly(n-butyl acrylate/methyl methacrylate)/CNC Latex Nanocomposites via In Situ Emulsion Polymerization. <i>Macromolecular Reaction Engineering</i> , 2017 , 11, 1700013 | 1.5 | 30 |
| 69 | Evaluation of excipients for enhanced thermal stabilization of a human type 5 adenoviral vector through spray drying. <i>International Journal of Pharmaceutics</i> , 2016 , 506, 289-301 | 6.5 | 30 |
| 68 | Grafting-from cellulose nanocrystals via photoinduced Cu-mediated reversible-deactivation radical polymerization. <i>Carbohydrate Polymers</i> , 2017 , 157, 1033-1040 | 10.3 | 30 |
| 67 | Mechanically Reinforced Injectable Hydrogels. <i>ACS Applied Polymer Materials</i> , 2020 , 2, 1016-1030 | 4.3 | 29 |
| 66 | Liquid-State NMR Analysis of Nanocelluloses. <i>Biomacromolecules</i> , 2018 , 19, 2708-2720 | 6.9 | 28 |
| 65 | In Situ Semibatch Emulsion Polymerization of 2-Ethyl Hexyl Acrylate/n-Butyl Acrylate/Methyl Methacrylate/Cellulose Nanocrystal Nanocomposites for Adhesive Applications. <i>Macromolecular Reaction Engineering</i> , 2018 , 12, 1700068 | 1.5 | 24 |
| 64 | Benchmarking Cellulose Nanocrystals Part II: New Industrially Produced Materials. <i>Langmuir</i> , 2021 , 37, 8393-8409 | 4 | 24 |

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| 63 | Bionanocomposite Films from Resilin-CBD Bound to Cellulose Nanocrystals. <i>Industrial Biotechnology</i> , 2015 , 11, 44-58 | 1.3 | 23 |
| 62 | Morphology of cross-linked cellulose nanocrystal aerogels: cryo-templating versus pressurized gas expansion processing. <i>Journal of Materials Science</i> , 2018 , 53, 9842-9860 | 4.3 | 23 |
| 61 | 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 |
| 60 | Incorporating Cellulose Nanocrystals into the Core of Polymer Latex Particles via Polymer Grafting. <i>ACS Macro Letters</i> , 2018 , 7, 990-996 | 6.6 | 22 |
| 59 | Cellulose Nanocrystal Aerogels as Electrolyte Scaffolds for Glass and Plastic Dye-Sensitized Solar Cells. <i>ACS Applied Energy Materials</i> , 2019 , 2, 5635-5642 | 6.1 | 22 |
| 58 | Spray dried human and chimpanzee adenoviral-vectored vaccines are thermally stable and immunogenic in vivo. <i>Vaccine</i> , 2017 , 35, 2916-2924 | 4.1 | 20 |
| 57 | Bottom-up assembly of nanocellulose structures. <i>Carbohydrate Polymers</i> , 2020 , 247, 116664 | 10.3 | 20 |
| 56 | 2.5D Hierarchical Structuring of Nanocomposite Hydrogel Films Containing Cellulose Nanocrystals. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 6325-6335 | 9.5 | 19 |
| 55 | Determination of sulfur and sulfate half-ester content in cellulose nanocrystals: an interlaboratory comparison. <i>Metrologia</i> , 2018 , 55, 872-882 | 2.1 | 19 |
| 54 | Naturally Hydrophobic Foams from Lignocellulosic Fibers Prepared by Oven-Drying. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 8267-8278 | 8.3 | 18 |
| 53 | Polymer Nanocomposites for Emulsion-Based Coatings and Adhesives. <i>Macromolecular Reaction Engineering</i> , 2019 , 13, 1800050 | 1.5 | 18 |
| 52 | Synthesis of poly(isobutyl acrylate/n-butyl acrylate/methyl methacrylate)/CNC nanocomposites for adhesive applications via in situ semi-batch emulsion polymerization. <i>Polymer Composites</i> , 2019 , 40, 1365-1377 ¹⁸ | | |
| 51 | Patterned Cellulose Nanocrystal Aerogel Films with Tunable Dimensions and Morphologies as Ultra-Porous Scaffolds for Cell Culture. <i>ACS Applied Nano Materials</i> , 2019 , 2, 4169-4179 | 5.6 | 17 |
| 50 | Relating Nanoparticle Shape and Adhesiveness to Performance as Flotation Collectors. <i>Industrial & Engineering Chemistry Research</i> , 2016 , 55, 9633-9638 | 3.9 | 17 |
| 49 | Comparison of polyethylene glycol adsorption to nanocellulose versus fumed silica in water. <i>Cellulose</i> , 2017 , 24, 4743-4757 | 5.5 | 17 |
| 48 | Patience is a virtue: self-assembly and physico-chemical properties of cellulose nanocrystal allomorphs. <i>Nanoscale</i> , 2020 , 12, 17480-17493 | 7.7 | 17 |
| 47 | Tailoring Rheological Properties of Thermo-responsive Hydrogels through Block Copolymer Adsorption to Cellulose Nanocrystals. <i>Biomacromolecules</i> , 2019 , 20, 2545-2556 | 6.9 | 16 |
| 46 | Fundamentals of cellulose lightweight materials: bio-based assemblies with tailored properties. <i>Green Chemistry</i> , 2021 , 23, 3542-3568 | 10 | 16 |

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| 45 | Beyond buckling: humidity-independent measurement of the mechanical properties of green nanobiocomposite films. <i>Nanoscale</i> , 2017 , 9, 7781-7790 | 7.7 | 15 |
| 44 | Excipient selection for thermally stable enveloped and non-enveloped viral vaccine platforms in dry powders. <i>International Journal of Pharmaceutics</i> , 2019 , 561, 66-73 | 6.5 | 15 |
| 43 | Green Templating of Ultraporous Cross-Linked Cellulose Nanocrystal Microparticles. <i>Chemistry of Materials</i> , 2018 , 30, 8040-8051 | 9.6 | 15 |
| 42 | Stabilization of HSV-2 viral vaccine candidate by spray drying. <i>International Journal of Pharmaceutics</i> , 2019 , 569, 118615 | 6.5 | 14 |
| 41 | Tunable hydrogel thin films from reactive synthetic polymers as potential two-dimensional cell scaffolds. <i>Langmuir</i> , 2015 , 31, 5623-32 | 4 | 14 |
| 40 | Chiral Nematic Self-Assembly of Cellulose Nanocrystals in Suspensions and Solid Films. <i>Materials and Energy</i> , 2014 , 37-56 | | 14 |
| 39 | Particle size distributions for cellulose nanocrystals measured by atomic force microscopy: an interlaboratory comparison. <i>Cellulose</i> , 2021 , 28, 1387-1403 | 5.5 | 14 |
| 38 | 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 |
| 37 | Dual physically and chemically crosslinked regenerated cellulose - Gelatin composite hydrogels towards art restoration. <i>Carbohydrate Polymers</i> , 2020 , 234, 115885 | 10.3 | 11 |
| 36 | DNA stickers promote polymer adsorption onto cellulose. <i>Biomacromolecules</i> , 2012 , 13, 3173-80 | 6.9 | 11 |
| 35 | Effect of Tannic Acid and Cellulose Nanocrystals on Antioxidant and Antimicrobial Properties of Gelatin Films. <i>ACS Sustainable Chemistry and Engineering</i> , 2021 , 9, 8539-8549 | 8.3 | 11 |
| 34 | Cellulose Nanocrystal (CNC)-Latex Nanocomposites: Effect of CNC Hydrophilicity and Charge on Rheological, Mechanical, and Adhesive Properties. <i>Macromolecular Rapid Communications</i> , 2021 , 42, e2000448 | 10.8 | 11 |
| 33 | Acoustic levitation as a screening method for excipient selection in the development of dry powder vaccines. <i>International Journal of Pharmaceutics</i> , 2019 , 563, 71-78 | 6.5 | 10 |
| 32 | Structural Variations in Hybrid All-Nanoparticle Gibbsite Nanoplatelet/Cellulose Nanocrystal Multilayered Films. <i>Langmuir</i> , 2017 , 33, 7896-7907 | 4 | 10 |
| 31 | Effect of Shear Stresses on Adenovirus Activity and Aggregation during Atomization To Produce Thermally Stable Vaccines by Spray Drying. <i>ACS Biomaterials Science and Engineering</i> , 2020 , 6, 4304-4313 | 5.5 | 9 |
| 30 | A sequential design approach for in situ incorporation of cellulose nanocrystals in emulsion-based pressure sensitive adhesives. <i>Cellulose</i> , 2020 , 27, 10837-10853 | 5.5 | 9 |
| 29 | Mechanical testing of thin film nanocellulose composites using buckling mechanics. <i>Tappi Journal</i> , 2013 , 12, 9-17 | 0.5 | 9 |
| 28 | Special issue on nanocellulose- Editorial. <i>Nordic Pulp and Paper Research Journal</i> , 2014 , 29, 4-5 | 1.1 | 8 |

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| 27 | Polyelectrolyte Multilayer Films Containing Cellulose: A Review. <i>ACS Symposium Series</i> , 2010 , 95-114 | 0.4 | 7 |
| 26 | Challenges in Synthesis and Analysis of Asymmetrically Grafted Cellulose Nanocrystals via Atom Transfer Radical Polymerization. <i>Biomacromolecules</i> , 2021 , 22, 2702-2717 | 6.9 | 6 |
| 25 | Film thickness limits of a buckling-based method to determine mechanical properties of polymer coatings. <i>Journal of Colloid and Interface Science</i> , 2021 , 582, 227-235 | 9.3 | 6 |
| 24 | Model Cellulose I Surfaces: A Review. <i>ACS Symposium Series</i> , 2010 , 75-93 | 0.4 | 5 |
| 23 | Spray dried VSV-vectored vaccine is thermally stable and immunologically active in vivo. <i>Scientific Reports</i> , 2020 , 10, 13349 | 4.9 | 5 |
| 22 | Xyloglucan Structure Impacts the Mechanical Properties of Xyloglucan-Cellulose Nanocrystal Layered Films-A Buckling-Based Study. <i>Biomacromolecules</i> , 2020 , 21, 3898-3908 | 6.9 | 5 |
| 21 | Bioinspired Thermoresponsive Xyloglucan-Cellulose Nanocrystal Hydrogels. <i>Biomacromolecules</i> , 2021 , 22, 743-753 | 6.9 | 5 |
| 20 | How latex film formation and adhesion at the nanoscale correlate to performance of pressure sensitive adhesives with cellulose nanocrystals. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2021 , 379, 20200330 | 3 | 5 |
| 19 | The microscale flocculation test (MFT)A high-throughput technique for optimizing separation performance. <i>Chemical Engineering Research and Design</i> , 2016 , 105, 85-93 | 5.5 | 4 |
| 18 | Pushing the Limits with Cellulose Nanocrystal Loadings in Latex-Based Pressure-Sensitive Adhesive Nanocomposites. <i>Macromolecular Reaction Engineering</i> , 2020 , 14, 2000027 | 1.5 | 4 |
| 17 | Cellulose Nanocrystals Influence Polyamide 6 Crystal Structure, Spherulite Uniformity, and Mechanical Performance of Nanocomposite Films. <i>ACS Applied Polymer Materials</i> , 2021 , 3, 4673-4684 | 4.3 | 4 |
| 16 | Consecutive Spray Drying to Produce Coated Dry Powder Vaccines Suitable for Oral Administration. <i>ACS Biomaterials Science and Engineering</i> , 2018 , 4, 1669-1678 | 5.5 | 3 |
| 15 | Directed Assembly of Oriented Cellulose Nanocrystal Films. <i>Materials and Energy</i> , 2014 , 79-103 | | 3 |
| 14 | Thick Polyvinyl Alcohol Films Reinforced with Cellulose Nanocrystals for Coating Applications. <i>ACS Applied Nano Materials</i> , 2021 , 4, 8015-8025 | 5.6 | 3 |
| 13 | Tuning the Physicochemical Properties of Cellulose Nanocrystals through an In Situ Oligosaccharide Surface Modification Method. <i>Biomacromolecules</i> , 2021 , 22, 3284-3296 | 6.9 | 3 |
| 12 | Multi-scale structuring of cell-instructive cellulose nanocrystal composite hydrogel sheets via sequential electrospinning and thermal wrinkling. <i>Acta Biomaterialia</i> , 2021 , 128, 250-261 | 10.8 | 3 |
| 11 | Hydrothermal treatments of aqueous cellulose nanocrystal suspensions: effects on structure and surface charge content. <i>Cellulose</i> , 2021 , 28, 10239 | 5.5 | 3 |
| 10 | Ultrathin-Walled 3D Inorganic Nanostructured Networks Templated from Cross-Linked Cellulose Nanocrystal Aerogels. <i>Advanced Materials Interfaces</i> , 2021 , 8, 2001181 | 4.6 | 2 |

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| 9 | Liquid Crystalline Properties of Symmetric and Asymmetric End-Grafted Cellulose Nanocrystals. <i>Biomacromolecules</i> , 2021 , 22, 3552-3564 | 6.9 | 2 |
| 8 | Direct Comparison of Three Buckling-Based Methods to Measure the Elastic Modulus of Nanobiocomposite Thin Films. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 29187-29198 | 9.5 | 1 |
| 7 | The physicochemical effect of sugar alcohol plasticisers on oxidised nanocellulose gels and extruded filaments. <i>Cellulose</i> , 2021 , 28, 7829-7843 | 5.5 | 1 |
| 6 | Effect of Reaction Media on Grafting Hydrophobic Polymers from Cellulose Nanocrystals Surface-Initiated Atom-Transfer Radical Polymerization. <i>Biomacromolecules</i> , 2021 , 22, 3601-3612 | 6.9 | 1 |
| 5 | Validation of a diffusion-based single droplet drying model for encapsulation of a viral-vectored vaccine using an acoustic levitator. <i>International Journal of Pharmaceutics</i> , 2021 , 605, 120806 | 6.5 | 1 |
| 4 | Incorporating Hydrophobic Cellulose Nanocrystals inside Latex Particles via Mini-Emulsion Polymerization. <i>Macromolecular Reaction Engineering</i> , 2021 , 15, 2100023 | 1.5 | 1 |
| 3 | Improving Latex-Based Pressure-Sensitive Adhesive Properties Using Carboxylated Cellulose Nanocrystals. <i>Macromolecular Reaction Engineering</i> , 2100051 | 1.5 | 0 |
| 2 | Cryoprotective agents influence viral dosage and thermal stability of inhalable dry powder vaccines.. <i>International Journal of Pharmaceutics</i> , 2022 , 617, 121602 | 6.5 | 0 |
| 1 | Incorporation of Polymer-Grafted Cellulose Nanocrystals into Latex-Based Pressure-Sensitive Adhesives. <i>ACS Materials Au</i> , 2022 , 2, 176-189 | | 0 |