# Michael K C Tam

List of Publications by Year
in descending order



| 401 | 22,135 | 7561 77 | 16164 124 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 404 | 404 | 404 | 21046 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Versatile sensing devices for self-driven designated therapy based on robust breathable composite films. Nano Research, 2022, 15, 1027-1038. | 5.8 | 33 |
| 2 | Flexible, anti-damage, and non-contact sensing electronic skin implanted with MWCNT to block public pathogens contact infection. Nano Research, 2022, 15, 2616-2625. | 5.8 | 19 |
| 3 | Novel ultrasonic-coating technology to design robust, highly sensitive and wearable textile sensors with conductive nanocelluloses. Chemical Engineering Journal, 2022, 428, 131289. | 6.6 | 40 |
| 4 | Superhydrophobic surfaces from sustainable colloidal systems. Current Opinion in Colloid and Interface Science, 2022, 57, 101534. | 3.4 | 24 |
| 5 | Lightweight Nanofibrous Crosslinked Composite Aerogels with Controllable Shapes and Superelasticity for Pressure Sensors. Macromolecular Materials and Engineering, 2022, 307, . | 1.7 | 5 |
| 6 | Building Pathways to a Sustainable Planet. ACS Sustainable Chemistry and Engineering, 2022, 10, 1-2. | 3.2 | 1 |
| 7 | Synergistic complexation of phenol functionalized polymer induced in situ microfiber formation for 3D printing of marine-based hydrogels. Green Chemistry, 2022, 24, 2409-2422. | 4.6 | 16 |
| 8 | Sustainable Superhydrophobic Surface with Tunable Nanoscale Hydrophilicity for Water Harvesting Applications. Angewandte Chemie, 2022, 134, . | 1.6 | 4 |
| 9 | Sustainable Superhydrophobic Surface with Tunable Nanoscale Hydrophilicity for Water Harvesting Applications. Angewandte Chemie - International Edition, 2022, 61, . | 7.2 | 35 |
| 10 | Î²-Cyclodextrin functionalized magnetic nanoparticles for the removal of pharmaceutical residues in drinking water. Journal of Industrial and Engineering Chemistry, 2022, 109, 461-474. | 2.9 | 15 |
| 11 | Effect of Oil Phase Transition on the Stability of Pickering Emulsions Stabilized by Cellulose Nanocrystals. Langmuir, 2022, 38, 2737-2745. | 1.6 | 4 |
| 12 | Modeling of Thermo-Responsive Stiffening of Poly(oligo(ethylene glycol)methacrylate)â€“Cellulose Nanocrystal Hydrogels. ACS Applied Polymer Materials, 2022, 4, 2674-2682. | 2.0 | 1 |
| 13 | Bile Acid Sequestrants for Hypercholesterolemia Treatment Using Sustainable Biopolymers: Recent Advances and Future Perspectives. Molecular Pharmaceutics, 2022, 19, 1248-1272. | 2.3 | 13 |
| 14 | Effect of hydrophobic modification of cellulose nanocrystal (CNC) and salt addition on Pickering emulsions undergoing phase-transition. Carbohydrate Polymer Technologies and Applications, 2022, 3, 100201. | 1.6 | 4 |
| 15 | Emulsions undergoing phase transition: Effect of emulsifier type and concentration. Journal of Colloid and Interface Science, 2022, 617, 214-223. | 5.0 | 10 |
| 16 | Electroconductive cellulose nanocrystals â€” Synthesis, properties and applications: A review. Carbohydrate Polymers, 2022, 289, 119419. | 5.1 | 19 |
| 17 | Osmotic energy generation with mechanically robust and oppositely charged cellulose nanocrystal intercalating GO membranes. Nano Energy, 2022, 98, 107291. | 8.2 | 25 |
| 18 | Sustainable and Versatile Superhydrophobic Cellulose Nanocrystals. ACS Sustainable Chemistry and Engineering, 2022, 10, 5939-5948. | 3.2 | 36 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Nanocellulose-based functional materials for advanced energy and sensor applications. Nano Research, 2022, 15, 7432-7452. | 5.8 | 24 |
| 20 | Robust visible-light photocatalytic H<sub>2</sub> evolution on 2D RGO/Cd<sub>0.15</sub>Zn<sub>0.85</sub>In<sub>2</sub>S<sub>4</sub>â€“Ni<sub>2</sub>P hierarchitectures. Catalysis Science and Technology, 2022, 12, 4181-4192. | 2.1 | 3 |
| 21 | Physicochemical Properties of Inorganic Nanopesticides/Nanofertilizers in Aqueous Media and Tank Mixtures. , 2022, , 253-270. | | 1 |
| 22 | Synthesis and characterization of modified cellulose nanofibril organosilica aerogels for the removal of anionic dye. Journal of Polymer Research, 2022, 29, . | 1.2 | 9 |
| 23 | Encapsulation and controlled release of vitamin C in modified cellulose nanocrystal/chitosan nanocapsules. Current Research in Food Science, 2021, 4, 215-223. | 2.7 | 45 |
| 24 | Co(III)-Salen immobilized cellulose nanocrystals for efficient catalytic CO2 fixation into cyclic carbonates under mild conditions. Carbohydrate Polymers, 2021, 256, 117558. | 5.1 | 18 |
| 25 | Fishing for the right probiotic: hostâ€“microbe interactions at the interface of effective aquaculture strategies. FEMS Microbiology Reviews, 2021, 45, . | 3.9 | 14 |
| 26 | Shaping Effective Practices for Incorporating Sustainability Assessment in Manuscripts Submitted to ACS Sustainable Chemistry & Engineering: Biomaterials. ACS Sustainable Chemistry and Engineering, 2021, 9, 7400-7402. | 3.2 | 2 |
| 27 | Sticky Hydrogels from Hydrazide-Functionalized Poly(oligo(ethylene glycol) methacrylate) and Dialdehyde Cellulose Nanocrystals with Tunable Thermal and Strain-Hardening Characteristics. ACS Sustainable Chemistry and Engineering, 2021, 9, 10424-10430. | 3.2 | 7 |
| 28 | Versatile nanocellulose-based nanohybrids: A promising-new class for active packaging applications. International Journal of Biological Macromolecules, 2021, 182, 1915-1930. | 3.6 | 23 |
| 29 | Selective adsorption and separation of organic dyes using functionalized cellulose nanocrystals. Chemical Engineering Journal, 2021, 417, 129237. | 6.6 | 116 |
| 30 | Highly sensitive self-healable strain biosensors based on robust transparent conductive nanocellulose nanocomposites: Relationship between percolated network and sensing mechanism. Biosensors and Bioelectronics, 2021, 191, 113467. | 5.3 | 25 |
| 31 | Expectations for Perspectives in ACS Sustainable Chemistry & Engineering. ACS Sustainable Chemistry and Engineering, 2021, 9, 16528-16530. | 3.2 | 1 |
| 32 | Sensitive, Stretchable, and Sustainable Conductive Cellulose Nanocrystal Composite for Human Motion Detection. ACS Sustainable Chemistry and Engineering, 2021, 9, 17351-17361. | 3.2 | 16 |
| 33 | Self-healing stimuli-responsive cellulose nanocrystal hydrogels. Carbohydrate Polymers, 2020, 229, 115486. | 5.1 | 60 |
| 34 | Cellulose-based materials in wastewater treatment of petroleum industry. Green Energy and Environment, 2020, 5, 37-49. | 4.7 | 159 |
| 35 | The Evolution of ACS Sustainable Chemistry & Engineering. ACS Sustainable Chemistry and Engineering, 2020, 8, 1-1. | 3.2 | 6 |
| 36 | Dual physically and chemically cross-linked polyelectrolyte nanohydrogels: Compositional and pH-dependent behavior studies. European Polymer Journal, 2020, 122, 109398. | 2.6 | 12 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Polyethylenimine-modified chitosan materials for the recovery of La(III) from leachates of bauxite residue. Chemical Engineering Journal, 2020, 388, 124307. | 6.6 | 86 |
| 38 | Expectations for Manuscripts in ACS Sustainable Chemistry & Engineering: Scope Summary and Call for Creativity. ACS Sustainable Chemistry and Engineering, 2020, 8, 16046-16047. | 3.2 | 2 |
| 39 | Effect of Molecular Architecture and Composition on the Aggregation Pathways of POEGMA Random Copolymers in Water. Langmuir, 2020, 36, 15018-15029. | 1.6 | 18 |
| 40 | Dye Removal Using Sustainable Membrane Adsorbents Produced from Melamine Formaldehydeâ^'Cellulose Nanocrystals and Hard Wood Pulp. Industrial & Engineering Chemistry Research, 2020, 59, 20854-20865. | 1.8 | 12 |
| 41 | Stimuli-responsive hydrogel consisting of hydrazide-functionalized poly(oligo(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 | 2.6 | 10 |
| 42 | Expectations for Manuscripts on Biomass Feedstocks and Processing in ACS Sustainable Chemistry & Engineering. ACS Sustainable Chemistry and Engineering, 2020, 8, 11031-11032. | 3.2 | 2 |
| 43 | Efficient visible-light induced H2 evolution from T-CdxZn1-xS/defective MoS2 nano-hybrid with both bulk twinning homojunctions and interfacial heterostructures. Applied Catalysis B: Environmental, 2020, 267, 118702. | 10.8 | 55 |
| 44 | Remembering Professor, Academician, and Editor Lina Zhang. ACS Sustainable Chemistry and Engineering, 2020, 8, 16385-16385. | 3.2 | 0 |
| 45 | Interfacial Control of the Synthesis of Cellulose Nanocrystal Gold Nanoshells. Langmuir, 2020, 36, 11215-11224. | 1.6 | 5 |
| 46 | Carbodiimide coupling versus click chemistry for nanoparticle surface functionalization: A comparative study for the encapsulation of sodium cholate by cellulose nanocrystals modified with Î²-cyclodextrin. Carbohydrate Polymers, 2020, 244, 116512. | 5.1 | 16 |
| 47 | Carboxylated cellulose cryogel beads via a one-step ester crosslinking of maleic anhydride for copper ions removal. Carbohydrate Polymers, 2020, 242, 116397. | 5.1 | 36 |
| 48 | Functionalized cellulose nanocrystals as the performance regulators of poly(Î²-hydroxybutyrate-co-valerate) biocomposites. Carbohydrate Polymers, 2020, 242, 116399. | 5.1 | 16 |
| 49 | The Changing Structure of Scientific Communication: Expanding the Nature of Letters Submissions to ACS Sustainable Chemistry & Engineering. ACS Sustainable Chemistry and Engineering, 2020, 8, 8469-8470. | 3.2 | 0 |
| 50 | Functional cellulose nanocrystals containing cationic and thermo-responsive polymer brushes. Carbohydrate Polymers, 2020, 246, 116651. | 5.1 | 14 |
| 51 | Shape recoverable and mechanically robust cellulose aerogel beads for efficient removal of copper ions. Chemical Engineering Journal, 2020, 392, 124821. | 6.6 | 107 |
| 52 | Cellulose nanocrystals in smart and stimuli-responsive materials: a review. Materials Today Advances, 2020, 5, 100055. | 2.5 | 72 |
| 53 | Reinforcement of rubber nanocomposite thin sheets by percolation of pristine cellulose nanocrystals. International Journal of Biological Macromolecules, 2020, 152, 428-436. | 3.6 | 44 |
| 54 | Novel design of Fe-Cu alloy coated cellulose nanocrystals with strong antibacterial ability and efficient Pb2+ removal. Carbohydrate Polymers, 2020, 234, 115889. | 5.1 | 46 |

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|---|---|---|---|
| 55 | Double stimuli-responsive cellulose nanocrystals reinforced electrospun PHBV composites membrane for intelligent drug release. International Journal of Biological Macromolecules, 2020, 155, 330-339. | 3.6 | 44 |
| 56 | Double stabilization mechanism of O/W Pickering emulsions using cationic nanofibrillated cellulose. Journal of Colloid and Interface Science, 2020, 574, 207-216. | 5.0 | 50 |
| 57 | Green acid-free hydrolysis of wasted pomelo peel to produce carboxylated cellulose nanofibers with super absorption/flocculation ability for environmental remediation materials. Chemical Engineering Journal, 2020, 395, 125070. | 6.6 | 97 |
| 58 | Inclusion Complexation between Î±-Cyclodextrin and Oligo(ethylene glycol) Methyl Ether Methacrylate. ACS Omega, 2020, 5, 9517-9528. | 1.6 | 7 |
| 59 | Nanopesticides: From the Bench to the Market. , 2020, , 317-348. | | 6 |
| 60 | Constructing stimuli-free self-healing, robust and ultrasensitive biocompatible hydrogel sensors with conductive cellulose nanocrystals. Chemical Engineering Journal, 2020, 398, 125547. | 6.6 | 148 |
| 61 | Expectations for Papers on Sustainable Materials in ACS Sustainable Chemistry & Engineering. ACS Sustainable Chemistry and Engineering, 2020, 8, 1703-1704. | 3.2 | 9 |
| 62 | Synthesis and physicochemical properties of dual-responsive acrylic acid/butyl acrylate cross-linked nanogel systems. Journal of Colloid and Interface Science, 2019, 556, 313-323. | 5.0 | 35 |
| 63 | Natural Biodegradable Poly(3-hydroxybutyrate-co-3-hydroxyvalerate) Nanocomposites with Multifunctional Cellulose Nanocrystals/Graphene Oxide Hybrids for High-Performance Food Packaging. Journal of Agricultural and Food Chemistry, 2019, 67, 10954-10967. | 2.4 | 85 |
| 64 | Polymeric hollow microcapsules (PHM) via cellulose nanocrystal stabilized Pickering emulsion polymerization. Journal of Colloid and Interface Science, 2019, 555, 489-497. | 5.0 | 55 |
| 65 | Pickering emulsions stabilized by hydrophobically modified nanocellulose containing various structural characteristics. Cellulose, 2019, 26, 7753-7767. | 2.4 | 78 |
| 66 | Comprehensive Insight into Degradation Mechanism of Green Biopolyester Nanocomposites Using Functionalized Cellulose Nanocrystals. ACS Sustainable Chemistry and Engineering, 2019, 7, 15537-15547. | 3.2 | 35 |
| 67 | Microencapsulation of Phase Change Materials with Polystyrene/Cellulose Nanocrystal Hybrid Shell via Pickering Emulsion Polymerization. ACS Sustainable Chemistry and Engineering, 2019, 7, 17756-17767. | 3.2 | 84 |
| 68 | Facile and Green Synthesis of Carboxylated Cellulose Nanocrystals as Efficient Adsorbents in Wastewater Treatments. ACS Sustainable Chemistry and Engineering, 2019, 7, 18067-18075. | 3.2 | 65 |
| 69 | Enantiomeric glycosylated cationic block co-beta-peptides eradicate Staphylococcus aureus biofilms and antibiotic-tolerant persisters. Nature Communications, 2019, 10, 4792. | 5.8 | 88 |
| 70 | Î²-Cyclodextrin-Functionalized Cellulose Nanocrystals and Their Interactions with Surfactants. ACS Omega, 2019, 4, 2102-2110. | 1.6 | 14 |
| 71 | Cinnamateâ€Functionalized Cellulose Nanocrystals as UVâ€Shielding Nanofillers in Sunscreen and Transparent Polymer Films. Advanced Sustainable Systems, 2019, 3, 1800156. | 2.7 | 34 |
| 72 | Thermo and light-responsive phase change nanofibers with high energy storage efficiency for energy storage and thermally regulated onâ€“off drug release devices. Chemical Engineering Journal, 2019, 375, 121979. | 6.6 | 54 |

| # | Article | IF | Citations |
|---|---|---|---|
| 73 | Supramolecular Self-Assembly of 3D Conductive Cellulose Nanofiber Aerogels for Flexible Supercapacitors and Ultrasensitive Sensors. ACS Applied Materials & Interfaces, 2019, 11, 24435-24446. | 4.0 | 120 |
| 74 | Simple Synthesis of Flower-like Manganese Dioxide Nanostructures on Cellulose Nanocrystals for High-Performance Supercapacitors and Wearable Electrodes. ACS Sustainable Chemistry and Engineering, 2019, 7, 11823-11831. | 3.2 | 35 |
| 75 | Polydopamine microcapsules from cellulose nanocrystal stabilized Pickering emulsions for essential oil and pesticide encapsulation. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2019, 570, 403-413. | 2.3 | 68 |
| 76 | Multibranch Strategy To Decorate Carboxyl Groups on Cellulose Nanocrystals To Prepare Adsorbent/Flocculants and Pickering Emulsions. ACS Sustainable Chemistry and Engineering, 2019, 7, 6969-6980. | 3.2 | 69 |
| 77 | CO<sub>2</sub>-Responsive Cellulose Nanofibers Aerogels for Switchable Oilâ€“Water Separation. ACS Applied Materials & Interfaces, 2019, 11, 9367-9373. | 4.0 | 123 |
| 78 | Simple Process To Produce High-Yield Cellulose Nanocrystals Using Recyclable Citric/Hydrochloric Acids. ACS Sustainable Chemistry and Engineering, 2019, 7, 4912-4923. | 3.2 | 96 |
| 79 | Construction of functional cellulose aerogels via atmospheric drying chemically cross-linked and solvent exchanged cellulose nanofibrils. Chemical Engineering Journal, 2019, 366, 531-538. | 6.6 | 82 |
| 80 | Designing Highly Luminescent Cellulose Nanocrystals with Modulated Morphology for Multifunctional Bioimaging Materials. ACS Applied Materials & Interfaces, 2019, 11, 48192-48201. | 4.0 | 39 |
| 81 | Compressible cellulose nanofibril (CNF) based aerogels produced via a bio-inspired strategy for heavy metal ion and dye removal. Carbohydrate Polymers, 2019, 208, 404-412. | 5.1 | 168 |
| 82 | Drug release kinetics of pHâ€responsive microgels of different glassâ€transition temperatures. Journal of Applied Polymer Science, 2019, 136, 47284. | 1.3 | 4 |
| 83 | Controlled coagulation and redispersion of thermoresponsive poly di(ethylene oxide) methyl ether methacrylate grafted cellulose nanocrystals. Journal of Colloid and Interface Science, 2019, 538, 51-61. | 5.0 | 15 |
| 84 | Phosphorylated-CNC/modified-chitosan nanocomplexes for the stabilization of Pickering emulsions. Carbohydrate Polymers, 2019, 206, 520-527. | 5.1 | 61 |
| 85 | Why Wasnâ€™t My <i>ACS Sustainable Chemistry & Engineering</i> Manuscript Sent Out for Review?. ACS Sustainable Chemistry and Engineering, 2019, 7, 1-2. | 3.2 | 5 |
| 86 | A comparative study on grafting polymers from cellulose nanocrystals via surface-initiated atom transfer radical polymerization (ATRP) and activator re-generated by electron transfer ATRP. Carbohydrate Polymers, 2019, 205, 322-329. | 5.1 | 66 |
| 87 | The Use of Nano-Polysaccharides in Biomedical Applications. Springer Series in Biomaterials Science and Engineering, 2019, , 171-219. | 0.7 | 3 |
| 88 | Rheological properties of cellulose nanocrystal-polymeric systems. Cellulose, 2018, 25, 3229-3240. | 2.4 | 34 |
| 89 | Cellulose nanomaterials: promising sustainable nanomaterials for application in water/wastewater treatment processes. Environmental Science: Nano, 2018, 5, 623-658. | 2.2 | 206 |
| 90 | Cellulose nanocrystal (CNC)â€“inorganic hybrid systems: synthesis, properties and applications. Journal of Materials Chemistry B, 2018, 6, 864-883. | 2.9 | 127 |

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|---|---|---|---|
| 91 | Inverse Pickering Emulsions Stabilized by Cinnamate Modified Cellulose Nanocrystals as Templates To Prepare Silica Colloidosomes. ACS Sustainable Chemistry and Engineering, 2018, 6, 2583-2590. | 3.2 | 59 |
| 92 | UV-Absorbing Cellulose Nanocrystals as Functional Reinforcing Fillers in Poly(vinyl chloride) Films. ACS Applied Nano Materials, 2018, 1, 632-641. | 2.4 | 56 |
| 93 | Advancing the Use of Sustainability Metrics in ACS Sustainable Chemistry & Engineering. ACS Sustainable Chemistry and Engineering, 2018, 6, 1-1. | 3.2 | 34 |
| 94 | Gold nanoparticles stabilized by poly(4-vinylpyridine) grafted cellulose nanocrystals as efficient and recyclable catalysts. Carbohydrate Polymers, 2018, 182, 61-68. | 5.1 | 76 |
| 95 | Applications of nanotechnology in oil and gas industry: Progress and perspective. Canadian Journal of Chemical Engineering, 2018, 96, 91-100. | 0.9 | 77 |
| 96 | 3D bioprinting of liver-mimetic construct with alginate/cellulose nanocrystal hybrid bioink. Bioprinting, 2018, 9, 1-6. | 2.9 | 154 |
| 97 | ARGET ATRP of Triblock Copolymers (PMMA-b-PEO-b-PMMA) and Their Microstructure in Aqueous Solution. ACS Omega, 2018, 3, 15996-16004. | 1.6 | 9 |
| 98 | Cellulose Nanocrystalâ€“ZnO Nanohybrids for Controlling Photocatalytic Activity and UV Protection in Cosmetic Formulation. ACS Omega, 2018, 3, 12403-12411. | 1.6 | 40 |
| 99 | Amphiphilic Cellulose Nanocrystals for Enhanced Pickering Emulsion Stabilization. Langmuir, 2018, 34, 12897-12905. | 1.6 | 107 |
| 100 | Convenient characterization of polymers grafted on cellulose nanocrystals via SI-ATRP without chain cleavage. Carbohydrate Polymers, 2018, 199, 603-609. | 5.1 | 48 |
| 101 | Cross-linked Pluronic- g -Polyacrylic acid microgel system for the controlled release of doxorubicin in pharmaceutical formulations. European Journal of Pharmaceutics and Biopharmaceutics, 2017, 114, 230-238. | 2.0 | 11 |
| 102 | Functionalization of cellulose nanocrystals for advanced applications. Journal of Colloid and Interface Science, 2017, 494, 397-409. | 5.0 | 351 |
| 103 | Recent advances in the application of cellulose nanocrystals. Current Opinion in Colloid and Interface Science, 2017, 29, 32-45. | 3.4 | 456 |
| 104 | Effect of surface modification of cellulose nanocrystal on nonisothermal crystallization of poly(Î²-hydroxybutyrate) composites. Carbohydrate Polymers, 2017, 157, 1821-1829. | 5.1 | 65 |
| 105 | Morphology and mechanical properties of poly(Î²-hydroxybutyrate)/poly(Îµ-caprolactone) blends controlled with cellulosic particles. Carbohydrate Polymers, 2017, 174, 217-225. | 5.1 | 30 |
| 106 | Enhanced non-viral gene delivery by coordinated endosomal release and inhibition of Î²-tubulin deactylase. Nucleic Acids Research, 2017, 45, e38-e38. | 6.5 | 23 |
| 107 | Four Years of ACS Sustainable Chemistry & Engineering: Reflections and New Developments. ACS Sustainable Chemistry and Engineering, 2017, 5, 1-2. | 3.2 | 8 |
| 108 | Nanoparticles of Short Cationic Peptidopolysaccharide Self-Assembled by Hydrogen Bonding with Antibacterial Effect against Multidrug-Resistant Bacteria. ACS Applied Materials & Interfaces, 2017, 9, 38288-38303. | 4.0 | 67 |

| # | Article | IF | Citations |
|---|---|---|---|
| 109 | Organic Solvent-Free Fabrication of Durable and Multifunctional Superhydrophobic Paper from Waterborne Fluorinated Cellulose Nanofiber Building Blocks. ACS Nano, 2017, 11, 11091-11099. | 7.3 | 154 |
| 110 | Polyethylenimine-cross-linked cellulose nanocrystals for highly efficient recovery of rare earth elements from water and a mechanism study. Green Chemistry, 2017, 19, 4816-4828. | 4.6 | 200 |
| 111 | One-pot synthesis of trifunctional chitosan-EDTA-Î²-cyclodextrin polymer for simultaneous removal of metals and organic micropollutants. Scientific Reports, 2017, 7, 15811. | 1.6 | 89 |
| 112 | Removal of 2â€naphthoxyacetic acid from aqueous solution using quaternized chitosan beads. Canadian Journal of Chemical Engineering, 2017, 95, 21-32. | 0.9 | 14 |
| 113 | Negative chromatography of hepatitis B virus-like particle: Comparative study of different adsorbent designs. Journal of Chromatography A, 2016, 1445, 1-9. | 1.8 | 19 |
| 114 | Stimuli-Responsive Cellulose Nanocrystals for Surfactant-Free Oil Harvesting. Biomacromolecules, 2016, 17, 1748-1756. | 2.6 | 93 |
| 115 | Strategy for Synthesizing Porous Cellulose Nanocrystal Supported Metal Nanocatalysts. ACS Sustainable Chemistry and Engineering, 2016, 4, 5929-5935. | 3.2 | 62 |
| 116 | Diffusion-Controlled Simultaneous Sensing and Scavenging of Heavy Metal Ions in Water Using Atomically Precise Clusterâ€“Cellulose Nanocrystal Composites. ACS Sustainable Chemistry and Engineering, 2016, 4, 6167-6176. | 3.2 | 67 |
| 117 | Enhanced radical scavenging activity of polyhydroxylated C60 functionalized cellulose nanocrystals. Cellulose, 2016, 23, 3589-3599. | 2.4 | 24 |
| 118 | Use of CdS quantum dot-functionalized cellulose nanocrystal films for anti-counterfeiting applications. Nanoscale, 2016, 8, 13288-13296. | 2.8 | 98 |
| 119 | Structural and Energetic Studies on the Interaction of Cationic Surfactants and Cellulose Nanocrystals. Langmuir, 2016, 32, 689-698. | 1.6 | 51 |
| 120 | Cellulose nanocrystal-poly(oligo(ethylene glycol) methacrylate) brushes with tunable LCSTs. Carbohydrate Polymers, 2016, 144, 215-222. | 5.1 | 67 |
| 121 | Use of isothermal titration calorimetry to study surfactant aggregation in colloidal systems. Biochimica Et Biophysica Acta - General Subjects, 2016, 1860, 999-1016. | 1.1 | 88 |
| 122 | Continuous flow adsorption of methylene blue by cellulose nanocrystal-alginate hydrogel beads in fixed bed columns. Carbohydrate Polymers, 2016, 136, 1194-1202. | 5.1 | 158 |
| 123 | A Nitrogen and Sulfur Dualâ€Doped Carbon Derived from Polyrhodanine@Cellulose for Advanced Lithiumâ€“Sulfur Batteries. Advanced Materials, 2015, 27, 6021-6028. | 11.1 | 703 |
| 124 | Synthesis of an acid-labile polymeric prodrug DOX-acetal-PEG-acetal-DOX with high drug loading content for pH-triggered intracellular drug release. Polymer Chemistry, 2015, 6, 4809-4818. | 1.9 | 49 |
| 125 | Aqueous synthesis and biostabilization of CdS@ZnS quantum dots for bioimaging applications. Materials Research Express, 2015, 2, 105401. | 0.8 | 17 |
| 126 | Non-invasive controlled release from gold nanoparticle integrated photo-responsive liposomes through pulse laser induced microbubble cavitation. Colloids and Surfaces B: Biointerfaces, 2015, 126, 569-574. | 2.5 | 29 |

| # | Article | IF | Citations |
|---|---|---|---|
| 127 | Injectable supramolecular hydrogels fabricated from PEGylated doxorubicin prodrug and Î±-cyclodextrin for pH-triggered drug delivery. RSC Advances, 2015, 5, 54658-54666. | 1.7 | 33 |
| 128 | Application of the central composite design to study the flocculation of an anionic azo dye using quaternized cellulose nanofibrils. Carbohydrate Polymers, 2015, 133, 80-89. | 5.1 | 60 |
| 129 | Water treatment technologies for the remediation of naphthenic acids in oil sands process-affected water. Chemical Engineering Journal, 2015, 279, 696-714. | 6.6 | 69 |
| 130 | Polyrhodanine Coated Cellulose Nanocrystals: A Sustainable Antimicrobial Agent. ACS Sustainable Chemistry and Engineering, 2015, 3, 1801-1809. | 3.2 | 63 |
| 131 | Thermo-responsive adsorbent for size-selective protein adsorption. Journal of Chromatography A, 2015, 1394, 71-80. | 1.8 | 14 |
| 132 | Crystallisation-driven self-assembly of poly(2-isopropyl-2-oxazoline)-block-poly(2-methyl-2-oxazoline) above the LCST. Soft Matter, 2015, 11, 3354-3359. | 1.2 | 46 |
| 133 | Synthesis of amine functionalized cellulose nanocrystals: optimization and characterization. Carbohydrate Research, 2015, 409, 48-55. | 1.1 | 58 |
| 134 | Sustainable Catalysts from Gold-Loaded Polyamidoamine Dendrimer-Cellulose Nanocrystals. ACS Sustainable Chemistry and Engineering, 2015, 3, 978-985. | 3.2 | 83 |
| 135 | Synthesis and characterization of pH-responsive and fluorescent poly (amidoamine) dendrimer-grafted cellulose nanocrystals. Journal of Colloid and Interface Science, 2015, 450, 101-108. | 5.0 | 41 |
| 136 | A new pathway towards polymer modified cellulose nanocrystals via a â€œgrafting ontoâ€•process for drug delivery. Polymer Chemistry, 2015, 6, 4206-4209. | 1.9 | 80 |
| 137 | Stimuli-responsive Pickering emulsions: recent advances and potential applications. Soft Matter, 2015, 11, 3512-3529. | 1.2 | 486 |
| 138 | Mussel-Inspired Green Metallization of Silver Nanoparticles on Cellulose Nanocrystals and Their Enhanced Catalytic Reduction of 4-Nitrophenol in the Presence of Î²-Cyclodextrin. Industrial & Engineering Chemistry Research, 2015, 54, 3299-3308. | 1.8 | 164 |
| 139 | Negative chromatography purification of hepatitis B virus-like particles using poly(oligo(ethylene) Tj ETQq1 1 0.784314 rgBT /Overloc | 1.8 | 22 |
| 140 | Hydration of Hydrophobic Ironâ€“Carbonyl Homopolymers via Waterâ€“Carbonyl Interaction (WCI): Creation of Uniform Organometallic Aqueous Vesicles with Exceptionally High Encapsulation Capacity. Macromolecules, 2015, 48, 7968-7977. | 2.2 | 21 |
| 141 | Nitrogen-enriched porous carbon nanorods templated by cellulose nanocrystals as high performance supercapacitor electrodes. Journal of Materials Chemistry A, 2015, 3, 23768-23777. | 5.2 | 87 |
| 142 | Cellulose nanocrystalâ€“alginate hydrogel beads as novel adsorbents for organic dyes in aqueous solutions. Cellulose, 2015, 22, 3725-3738. | 2.4 | 240 |
| 143 | Poly(2-oxazoline)-Based Nanogels as Biocompatible Pseudopolypeptide Nanoparticles. Biomacromolecules, 2015, 16, 183-191. | 2.6 | 24 |
| 144 | Modified Cellulose Nanocrystal for Vitamin C Delivery. AAPS PharmSciTech, 2015, 16, 306-314. | 1.5 | 30 |

| # | Article | IF | Citations |
|---|---|---|---|
| 145 | Tailored drug-release from multi-functional polymer-peptide hybrid vesicles. European Polymer Journal, 2015, 62, 363-373. | 2.6 | 27 |
| 146 | Enhanced colloidal stability and antibacterial performance of silver nanoparticles/cellulose nanocrystal hybrids. Journal of Materials Chemistry B, 2015, 3, 603-611. | 2.9 | 142 |
| 147 | Aldehyde-functional copolymers based on poly(2-oxazoline) for post-polymerization modification. European Polymer Journal, 2015, 62, 322-330. | 2.6 | 34 |
| 148 | UVâ€“vis spectra as an alternative to the Lowry method for quantify hair damage induced by surfactants. Colloids and Surfaces B: Biointerfaces, 2014, 123, 326-330. | 2.5 | 0 |
| 149 | Cellulose nanocrystals as promising adsorbents for the removal of cationic dyes. Cellulose, 2014, 21, 1655-1665. | 2.4 | 272 |
| 150 | Detection and characterization of hemoglobin dissociation and aggregation using microcalorimetry. Journal of Thermal Analysis and Calorimetry, 2014, 115, 2159-2169. | 2.0 | 4 |
| 151 | Synthesis of Î²-Cyclodextrin-Modified Cellulose Nanocrystals (CNCs)@Fe<sub>3</sub>O<sub>4</sub>@SiO<sub>2</sub> Superparamagnetic Nanorods. ACS Sustainable Chemistry and Engineering, 2014, 2, 951-958. | 3.2 | 124 |
| 152 | Interactions between a Series of Pyrene End-Labeled Poly(ethylene oxide)s and Sodium Dodecyl Sulfate in Aqueous Solution Probed by Fluorescence. Langmuir, 2014, 30, 13164-13175. | 1.6 | 15 |
| 153 | Polyrhodanine coated cellulose nanocrystals as optical pH indicators. RSC Advances, 2014, 4, 60249-60252. | 1.7 | 26 |
| 154 | Conductive cellulose nanocrystals with high cycling stability for supercapacitor applications. Journal of Materials Chemistry A, 2014, 2, 19268-19274. | 5.2 | 88 |
| 155 | Cost-effective and Scalable Chemical Synthesis of Conductive Cellulose Nanocrystals for High-performance Supercapacitors. Electrochimica Acta, 2014, 138, 139-147. | 2.6 | 90 |
| 156 | Dual Responsive Pickering Emulsion Stabilized by Poly[2-(dimethylamino)ethyl methacrylate] Grafted Cellulose Nanocrystals. Biomacromolecules, 2014, 15, 3052-3060. | 2.6 | 275 |
| 157 | Determination and prediction of physical properties of cellulose nanocrystals from dynamic light scattering measurements. Journal of Nanoparticle Research, 2014, 16, 1. | 0.8 | 16 |
| 158 | Enzyme-Degradable Self-Assembled Nanostructures from Polymerâ€“Peptide Hybrids. Biomacromolecules, 2014, 15, 1882-1888. | 2.6 | 63 |
| 159 | Comparative release studies of two cationic model drugs from different cellulose nanocrystal derivatives. European Journal of Pharmaceutics and Biopharmaceutics, 2014, 88, 207-215. | 2.0 | 58 |
| 160 | Sustained Drug Release in Nanomedicine: A Long-Acting Nanocarrier-Based Formulation for Glaucoma. ACS Nano, 2014, 8, 419-429. | 7.3 | 108 |
| 161 | Dissociation and thermal characteristics of poly(acrylic acid) modified pluronic block copolymers in aqueous solution. Polymer, 2014, 55, 3886-3893. | 1.8 | 11 |
| 162 | Î±â€cyclodextrin assisted selfâ€assembly of poly(ethylene glycol)â€blockâ€poly(Nâ€isopropylacrylamide) in aqueous media. Journal of Applied Polymer Science, 2013, 127, 4785-4794. | 1.3 | 8 |

| # | Article | IF | Citations |
|---|---|---|---|
| 163 | pH and redox responsive hydrogels and nanogels made from poly(2-ethyl-2-oxazoline). Polymer Chemistry, 2013, 4, 4801. | 1.9 | 45 |
| 164 | Surface modification of cellulose nanocrystal with chitosan oligosaccharide for drug delivery applications. Cellulose, 2013, 20, 1747-1764. | 2.4 | 181 |
| 165 | Biocompatible and acid-cleavable poly(Îµ-caprolactone)-acetal-poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 667 Td (gyc doxorubicin delivery. Journal of Materials Chemistry B, 2013, 1, 6596. | 2.9 | 59 |
| 166 | Binding of cationic surfactants to a thermo-sensitive copolymer below and above its cloud point. Journal of Colloid and Interface Science, 2013, 412, 17-23. | 5.0 | 4 |
| 167 | Interactions between surfactants and polymer-grafted nanocrystalline cellulose. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2013, 421, 142-149. | 2.3 | 32 |
| 168 | Sustainable nanomaterials derived from polysaccharides and amphiphilic compounds. Soft Matter, 2013, 9, 7905. | 1.2 | 33 |
| 169 | Swelling and shear viscosity of stimuli-responsive colloidal systems. Soft Matter, 2013, 9, 5319. | 1.2 | 31 |
| 170 | CuOx nanotubes via an unusual complexation induced block copolymer-like self-assembly of poly(acrylic acid). RSC Advances, 2012, 2, 9531. | 1.7 | 4 |
| 171 | Temperature induced micellization and aggregation of biocompatible poly (oligo(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5 3446-3453. | 1.8 | 31 |
| 172 | Interactions of nanocrystalline cellulose with an oppositely charged surfactant in aqueous medium. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2012, 415, 310-319. | 2.3 | 54 |
| 173 | Self-Assembly Behavior of Thermoresponsive Oligo(ethylene glycol) Methacrylates Random Copolymer. ACS Macro Letters, 2012, 1, 632-635. | 2.3 | 54 |
| 174 | Biodegradable and biocompatible polyampholyte microgels derived from chitosan, carboxymethyl cellulose and modified methyl cellulose. Carbohydrate Polymers, 2012, 87, 101-109. | 5.1 | 68 |
| 175 | Synthesis and Self-Assembly of Stimuli-Responsive Poly(2-(dimethylamino) ethyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 267 T Induced by Free PDMAEMA Chains. Langmuir, 2011, 27, 6668-6673. | 1.6 | 20 |
| 176 | Self-assembly of thermo-responsive poly(oligo(ethylene glycol) methyl ether methacrylate)-C60 in water-methanol mixtures. Polymer, 2011, 52, 3769-3775. | 1.8 | 7 |
| 177 | Evaluation of dialysis membrane process for quantifying the in vitro drug-release from colloidal drug carriers. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2011, 389, 299-303. | 2.3 | 58 |
| 178 | Stimuliâ€Responsive Waterâ€Soluble Fullerene (C<sub>60</sub>) Polymeric Systems. Macromolecular Rapid Communications, 2011, 32, 1863-1885. | 2.0 | 23 |
| 179 | Macromol. Rapid Commun. 23/2011. Macromolecular Rapid Communications, 2011, 32, 1935-1935. | 2.0 | 0 |
| 180 | Special series of articles on Nanotechnology. Canadian Journal of Chemical Engineering, 2011, 89, 1-1. | 0.9 | 2 |

| # | Article | IF | Citations |
|---|---|---|---|
| 181 | Chemistry and applications of nanocrystalline cellulose and its derivatives: A nanotechnology perspective. Canadian Journal of Chemical Engineering, 2011, 89, 1191-1206. | 0.9 | 717 |
| 182 | Stabilization of polyamidoamine (PAMAM) dendrimers/sodium dodecyl sulfate complexes via PEGylation. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2011, 380, 47-52. | 2.3 | 11 |
| 183 | Self-Assembly of Poly(L-glutamate)-block-poly(2-(diethylamino)ethyl methacrylate) in Aqueous Solutions. Australian Journal of Chemistry, 2011, 64, 1247. | 0.5 | 3 |
| 184 | Rheological Behavior of Acid-Swellable Cationic Copolymer Latexes. Langmuir, 2010, 26, 2736-2744. | 1.6 | 11 |
| 185 | Cyclodextrin-assisted assembly of stimuli-responsive polymers in aqueous media. Soft Matter, 2010, 6, 4613. | 1.2 | 95 |
| 186 | The use of microgel iron oxide nanoparticles in studies of magnetic resonance relaxation and endothelial progenitor cell labelling. Biomaterials, 2010, 31, 3296-3306. | 5.7 | 46 |
| 187 | Binding and release studies of a cationic drug from a star-shaped four-arm poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5 | 1.6 | 13 |
| 188 | Microstructure and rheological properties of thermo-responsive poly(N-isopropylacrylamide) microgels. Polymer, 2010, 51, 3238-3243. | 1.8 | 56 |
| 189 | Complexation between amine- and hydroxyl-terminated PAMAM dendrimers and sodium dodecyl sulfate. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2010, 364, 49-54. | 2.3 | 18 |
| 190 | Application of nanogel systems in the administration of local anesthetics. Local and Regional Anesthesia, 2010, 3, 93. | 2.8 | 21 |
| 191 | Complexation between Î±-Cyclodextrin and PEGylated-PAMAM Dendrimers at Low and High pH Values. Langmuir, 2010, 26, 17969-17974. | 1.6 | 3 |
| 192 | Polyplex formation between fourâ€arm poly(ethylene oxide)â€bâ€poly(2â€(diethylamino)ethyl) Tj ETQq0 0 0 rgBT /Overlock 10 T<br>2009, 91A, 708-718. | 2.1 | 21 |
| 193 | Comparison between the selfâ€assembling behaviors of PLLAâ€PEOâ€PLLA triblock copolymers and PLLAâ€PEOâ€PPOâ€PEOâ€PLLA pentablock copolymers. Journal of Applied Polymer Science, 2009, 111, 2445-2451. | 1.3 | 9 |
| 194 | Microgel Iron Oxide Nanoparticles for Tracking Human Fetal Mesenchymal Stem Cells Through Magnetic Resonance Imaging. Stem Cells, 2009, 27, 1921-1931. | 1.4 | 71 |
| 195 | Clustering of magnetic nanoparticles using a double hydrophilic block copolymer, poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock | 1.0 | 49 |
| 196 | Thermo- and photo-responsive polymeric systems. Soft Matter, 2009, , . | 1.2 | 39 |
| 197 | Association Behavior of Star-Shaped pH-Responsive Block Copolymer: Four-Arm Poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 1 | 1.6 | 27 |
| 198 | Dual Polarization Interferometric Analysis on the Interaction between Fullerene Grafted Polymer and Nonionic Surfactants. Langmuir, 2009, 25, 9898-9902. | 1.6 | 8 |

| # | Article | IF | Citations |
|---|---|---|---|
| 199 | Influence of anionic surfactant on the rheological properties of hydrophobically modified polyethylene-oxide/cyclodextrin inclusion complexes. Journal of Rheology, 2009, 53, 293-308. | 1.3 | 8 |
| 200 | Thermoreversible gelation of hydroxypropylmethylcellulose in simulated body fluids. Carbohydrate Polymers, 2008, 72, 133-143. | 5.1 | 33 |
| 201 | Review on the dynamics and micro-structure of pH-responsive nano-colloidal systems. Advances in Colloid and Interface Science, 2008, 136, 25-44. | 7.0 | 114 |
| 202 | Release kinetics of procaine hydrochloride (PrHy) from pH-responsive nanogels: Theory and experiments. International Journal of Pharmaceutics, 2008, 357, 305-313. | 2.6 | 29 |
| 203 | Synthesis and characterization of nanoporous hydroxyapatite using cationic surfactants as templates. Materials Research Bulletin, 2008, 43, 2318-2326. | 2.7 | 80 |
| 204 | Control of burst release from nanogels via layer by layer assembly. Journal of Controlled Release, 2008, 128, 248-254. | 4.8 | 54 |
| 205 | pH-Responsive polymers: synthesis, properties and applications. Soft Matter, 2008, 4, 435. | 1.2 | 593 |
| 206 | Inverse Microemulsion Polymerization of Sterically Stabilized Polyampholyte Microgels. Langmuir, 2008, 24, 7698-7703. | 1.6 | 27 |
| 207 | Thermodynamics of Micellization of Î²-Sheet Forming Poly(acrylic acid)-block-poly(l-valine) Hybrids. Journal of Physical Chemistry B, 2008, 112, 11542-11550. | 1.2 | 3 |
| 208 | Self-Assembly of Poly(ethylene oxide)-block-poly(acrylic acid) Induced by CaCl<sub>2</sub>: Mechanistic Study. Langmuir, 2008, 24, 8501-8506. | 1.6 | 41 |
| 209 | Nano-fractals from inorganic salts induced by fullerene polymer systems. International Journal of Nanotechnology, 2007, 4, 377. | 0.1 | 0 |
| 210 | Supramolecular Complex of [60]Fullerene-Grafted Polyelectrolyte and Surfactant:â€‰ Mechanism and Nanostructures. Langmuir, 2007, 23, 8798-8805. | 1.6 | 9 |
| 211 | Supramolecular Complex Induced by the Binding of Sodium Dodecyl Sulfate to PAMAM Dendrimers. Langmuir, 2007, 23, 1635-1639. | 1.6 | 32 |
| 212 | Rheological Properties of a Telechelic Associative Polymer in the Presence of Î±- and Methylated Î²-Cyclodextrins. Journal of Physical Chemistry B, 2007, 111, 371-378. | 1.2 | 8 |
| 213 | Hydrogen Bonded Assembly of Poly(acrylic acid)-block-poly(l-valine) in Dilute Solutions. Macromolecules, 2007, 40, 9064-9073. | 2.2 | 15 |
| 214 | Poly(acrylic acid)-block-poly(<scp>l</scp>-valine):â€‰ Evaluation of Î²-Sheet Formation and Its Stability Using Circular Dichroism Technique. Biomacromolecules, 2007, 8, 2801-2808. | 2.6 | 25 |
| 215 | Correlating Transfection Barriers and Biophysical Properties of Cationic Polymethacrylates. Biomacromolecules, 2007, 8, 448-454. | 2.6 | 17 |
| 216 | Interaction between Fluorocarbon End-Capped Poly(ethylene oxide) and Cyclodextrins. Macromolecules, 2007, 40, 2936-2945. | 2.2 | 14 |

| # | Article | IF | Citations |
|---|---|---|---|
| 217 | Synthesis and Self-Assembly Behavior of Four-Arm Poly(ethylene oxide)-b-poly(2-(diethylamino)ethyl) Tj ETQq1 1 0.784314 rgBT /Over | 1.6 | 57 |
| 218 | Fullerene Containing Polymers: A Review on Their Synthesis and Supramolecular Behavior in Solution. Journal of Nanoscience and Nanotechnology, 2007, 7, 1176-1196. | 0.9 | 45 |
| 219 | Novel highly biodegradable biphasic tricalcium phosphates composed of Î±-tricalcium phosphate and Î²-tricalcium phosphate. Acta Biomaterialia, 2007, 3, 251-254. | 4.1 | 109 |
| 220 | Analysis of particleâ€“solvent interactions in pH-responsive cross-linked microgel systems. Polymer, 2007, 48, 6589-6597. | 1.8 | 5 |
| 221 | Synthesis and aqueous solution properties of sterically stabilized pH-responsive polyampholyte microgels. Journal of Colloid and Interface Science, 2007, 309, 453-463. | 5.0 | 39 |
| 222 | Synthesis of poly(acrylic acid)-block-poly(L-valine) hybrid through combined atom transfer radical polymerization, click chemistry, and nickel-catalyzed ring opening polymerization methods. Journal of Polymer Science Part A, 2007, 45, 2646-2656. | 2.5 | 25 |
| 223 | Further studies on the rheological properties of hydrophobically modified polyelectrolyte systems: effect of varying degree of ethoxylation. Polymer International, 2007, 56, 569-575. | 1.6 | 5 |
| 224 | Comparative drug release studies of two cationic drugs from pH-responsive nanogels. European Journal of Pharmaceutical Sciences, 2007, 32, 340-348. | 1.9 | 44 |
| 225 | Synthesis of amorphous calcium phosphate using various types of cyclodextrins. Materials Research Bulletin, 2007, 42, 820-827. | 2.7 | 58 |
| 226 | Application of drug selective electrode in the drug release study of pH-responsive microgels. Journal of Controlled Release, 2007, 118, 87-94. | 4.8 | 38 |
| 227 | Vesicles from Pluronic/poly(lactic acid) block copolymers as new carriers for oral insulin delivery. Journal of Controlled Release, 2007, 120, 11-17. | 4.8 | 115 |
| 228 | Complexation and release of doxorubicin from its complexes with pluronic P85-b-poly(acrylic acid) block copolymers. Journal of Controlled Release, 2007, 121, 137-145. | 4.8 | 148 |
| 229 | Î±-Cyclodextrin-Induced Self-Assembly of a Double-Hydrophilic Block Copolymer in Aqueous Solution. Langmuir, 2007, 23, 5106-5109. | 1.6 | 45 |
| 230 | Synthesis and Aggregation Behavior of Pluronic F87/Poly(acrylic acid) Block Copolymer in the Presence of Doxorubicin. Langmuir, 2007, 23, 2638-2646. | 1.6 | 60 |
| 231 | Synthesis of hollow spherical calcium phosphate nanoparticles using polymeric nanotemplates. Nanotechnology, 2006, 17, 5988-5994. | 1.3 | 47 |
| 232 | Aggregation Behavior and Thermodynamics of Binding between Poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142 Td (oxide)-bloc | 1.6 | 48 |
| 233 | Morphological Transformation of [60]Fullerene-Containing Poly(Acrylic Acid) Induced by the Binding of Surfactant. Langmuir, 2006, 22, 2927-2930. | 1.6 | 34 |
| 234 | Effect of Cosolvents on the Binding Interaction between Poly(ethylene oxide) and Sodium Dodecyl Sulfate. Journal of Physical Chemistry B, 2006, 110, 20794-20800. | 1.2 | 26 |

| # | Article | IF | Citations |
|---|---|---|---|
| 235 | Self-Assembly of Well-Defined Mono and Dual End-Capped C60Containing Polyacrylic Acids in Aqueous Solution. Langmuir, 2006, 22, 7167-7174. | 1.6 | 31 |
| 236 | Interaction between Silicates and Ionic Surfactants in Dilute Solution. Langmuir, 2006, 22, 1493-1499. | 1.6 | 10 |
| 237 | Rheology and Dynamics of Associative Polymers in Shear and Extension:Â Theory and Experiments. Macromolecules, 2006, 39, 1981-1999. | 2.2 | 219 |
| 238 | Isothermal titration calorimetric studies on the interaction between sodium dodecyl sulfate and polyethylene glycols of different molecular weights and chain architectures. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2006, 289, 200-206. | 2.3 | 19 |
| 239 | Non-linear shear deformation of hydrophobically modified polyelectrolyte systems. Polymer, 2006, 47, 6731-6737. | 1.8 | 5 |
| 240 | Insights on polymer surfactant complex structures during the binding of surfactants to polymers as measured by equilibrium and structural techniques. Chemical Society Reviews, 2006, 35, 693. | 18.7 | 209 |
| 241 | Efficient mixing of viscoelastic fluids in a microchannel at low Reynolds number. Microfluidics and Nanofluidics, 2006, 3, 101-108. | 1.0 | 59 |
| 242 | The influence of fatty acid coating on the rheological and mechanical properties of thermoplastic polyurethane (TPU)/nano-sized precipitated calcium carbonate (NPCC) composites. Polymer Bulletin, 2006, 57, 575-586. | 1.7 | 16 |
| 243 | Synthesis and thermally responsive properties of novel Pluronic F87/polycaprolactone (PCL) block copolymers with short PCL blocks. Journal of Applied Polymer Science, 2006, 100, 4163-4172. | 1.3 | 48 |
| 244 | Rheological properties of hydrophobically modified polyelectrolyte systems: Concentration effects. Journal of Applied Polymer Science, 2006, 102, 5166-5173. | 1.3 | 13 |
| 245 | A wavelet-based piecewise approach for steady-state analysis of power electronics circuits. International Journal of Circuit Theory and Applications, 2006, 34, 559-582. | 1.3 | 13 |
| 246 | Synthesis and Characterization of Novel pH-Responsive Polyampholyte Microgels. Macromolecular Rapid Communications, 2006, 27, 522-528. | 2.0 | 72 |
| 247 | Polymeric Nanostructures for Drug Delivery Applications Based on Pluronic Copolymer Systems. Journal of Nanoscience and Nanotechnology, 2006, 6, 2638-2650. | 0.9 | 66 |
| 248 | Laser light scattering and isothermal titration calorimetric studies of poly(ethylene oxide) aqueous solution in presence of sodium dodecyl sulfate. Journal of Colloid and Interface Science, 2005, 292, 79-85. | 5.0 | 24 |
| 249 | New water soluble azobenzene-containing diblock copolymers: synthesis and aggregation behavior. Polymer, 2005, 46, 137-146. | 1.8 | 94 |
| 250 | Synthesis and thermal responsive properties of P(LA-b-EO-b-PO-b-EO-b-LA) block copolymers with short hydrophobic poly(lactic acid) (PLA) segments. Polymer, 2005, 46, 1841-1850. | 1.8 | 66 |
| 251 | Self-assembly of C60 containing poly(methyl methacrylate) in ethyl acetate/decalin mixtures solvent. Polymer, 2005, 46, 4714-4721. | 1.8 | 28 |
| 252 | Microstructure and rheological properties of pH-responsive coreâ€“shell particles. Polymer, 2005, 46, 10066-10076. | 1.8 | 30 |

| # | Article | IF | Citations |
|---|---|---|---|
| 253 | Controlled one-pot synthesis of pH-sensitive self-assembled diblock copolymers and their aggregation behavior. Polymer, 2005, 46, 10045-10055. | 1.8 | 34 |
| 254 | Microstructure and rheology of stimuli-responsive microgel systemsâ€"effect of cross-linked density. Advances in Colloid and Interface Science, 2005, 113, 111-120. | 7.0 | 39 |
| 255 | Self-Assembly of Stimuli-Responsive Water-Soluble [60]Fullerene End-Capped Ampholytic Block Copolymer. Journal of Physical Chemistry B, 2005, 109, 4431-4438. | 1.2 | 51 |
| 256 | Release kinetics of hydrophobic and hydrophilic model drugs from pluronic F127/poly(lactic acid) nanoparticles. Journal of Controlled Release, 2005, 103, 73-82. | 4.8 | 114 |
| 257 | Effect of enzymatic degradation on the release kinetics of model drug from Pluronic F127/poly(lactic) Tj ETQq1 1 0.784314 rgBT /Ove | 4.8 | 24 |
| 258 | Strengthening acrylonitrile-butadiene-styrene (ABS) with nano-sized and micron-sized calcium carbonate. Polymer, 2005, 46, 243-252. | 1.8 | 138 |
| 259 | Relaxation behavior of hydrophobically modified polyelectrolyte solution under various deformations. Polymer, 2005, 46, 4052-4059. | 1.8 | 11 |
| 260 | Dynamic light scattering of semidilute hydrophobically modified alkali-soluble emulsion solutions with different lengths of poly(ethylene oxide) spacer chain. Journal of Polymer Science, Part B: Polymer Physics, 2005, 43, 3288-3298. | 2.4 | 7 |
| 261 | PRECIPITATION OF CALCIUM PHOSPHATE IN THE PRESENCE OF DOUBLE HYDROPHILIC BLOCK COPOLYMER PEO-b-PMAA. International Journal of Nanoscience, 2005, 04, 731-736. | 0.4 | 1 |
| 262 | Osmotic Compressibility of Soft Colloidal Systems. Langmuir, 2005, 21, 4283-4290. | 1.6 | 29 |
| 263 | Nanotemplating of Calcium Phosphate Using a Double-Hydrophilic Block Copolymer. Chemistry of Materials, 2005, 17, 4865-4872. | 3.2 | 66 |
| 264 | Microstructure of Un-neutralized Hydrophobically Modified Alkali-Soluble Emulsion Latex in Different Surfactant Solutions. Langmuir, 2005, 21, 7136-7142. | 1.6 | 6 |
| 265 | Synthesis and Self-Assembly of [60]Fullerene Containing Sulfobetaine Polymer in Aqueous Solution. Journal of Physical Chemistry B, 2005, 109, 22791-22798. | 1.2 | 31 |
| 266 | Supramolecular Complexes of Azocellulose and Î±-Cyclodextrin:Â Isothermal Titration Calorimetric and Spectroscopic Studies. Macromolecules, 2005, 38, 2859-2864. | 2.2 | 53 |
| 267 | Photochemical and Thermal Isomerizations of Azobenzene-Containing Amphiphilic Diblock Copolymers in Aqueous Micellar Aggregates and in Film. Macromolecules, 2005, 38, 3943-3948. | 2.2 | 110 |
| 268 | A Novel Amphiphilic Double-[60]Fullerene-Capped Triblock Copolymer. Macromolecules, 2005, 38, 9889-9893. | 2.2 | 36 |
| 269 | Self-Assembly of Alkali-Soluble [60]Fullerene Containing Poly(methacrylic acid) in Aqueous Solution. Macromolecules, 2005, 38, 933-939. | 2.2 | 55 |
| 270 | Dissolution and Swelling Behaviors of Random and Cross-Linked Methacrylic Acidâ^'Ethyl Acrylate Copolymers. Langmuir, 2005, 21, 4191-4199. | 1.6 | 12 |

| # | Article | IF | Citations |
|---|---|---|---|
| 271 | Association Behavior of Biotinylated and Non-Biotinylated Poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 742 Td (oxide-b | 2.6 | 56 |
| 272 | Interactions between Poly(acrylic acid) and Sodium Dodecyl Sulfate:â€‰ Isothermal Titration Calorimetric and Surfactant Ion-Selective Electrode Studies. Journal of Physical Chemistry B, 2005, 109, 5156-5161. | 1.2 | 50 |
| 273 | INTERMITTENT CHAOTIC OPERATION IN SWITCHING POWER CONVERTERS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2004, 14, 2971-2978. | 0.7 | 25 |
| 274 | Interfacial slip at the thermotropic liquid-crystalline polymer/poly (ethylene naphthalate) interface. Journal of Polymer Science, Part B: Polymer Physics, 2004, 42, 302-315. | 2.4 | 10 |
| 275 | Controlled polymerizations of 2-(dialkylamino)ethyl methacrylates and their block copolymers in protic solvents at ambient temperature via ATRP. Journal of Polymer Science Part A, 2004, 42, 5161-5169. | 2.5 | 62 |
| 276 | Effects of convergent flow onin situ fibrillation of TLCP in PEN. Journal of Applied Polymer Science, 2004, 91, 1505-1513. | 1.3 | 6 |
| 277 | Thermal properties of hydrophobically modified methacrylic acid-ethyl acrylate copolymer solutions. Journal of Applied Polymer Science, 2004, 94, 604-612. | 1.3 | 4 |
| 278 | Rheological and mechanical properties of compatibilized polystyrene/ethylene vinyl acetate blends. Journal of Applied Polymer Science, 2004, 94, 2071-2082. | 1.3 | 7 |
| 279 | Photoregulated Sol-Gel Transition of Novel Azobenzene-Functionalized Hydroxypropyl Methylcellulose and Its Î± -Cyclodextrin Complexes. Macromolecular Rapid Communications, 2004, 25, 678-682. | 2.0 | 64 |
| 280 | Association behavior of poly(methyl methacrylate-b-methacrylic acid-b-methyl methacrylate) in aqueous medium. Polymer, 2004, 45, 2781-2791. | 1.8 | 36 |
| 281 | Dynamics and microstructure of charged soft nano-colloidal particles. Polymer, 2004, 45, 5515-5523. | 1.8 | 29 |
| 282 | Preparation, characterization and novel photoregulated rheological properties of azobenzene functionalized cellulose derivatives and their Î±-CD complexes. Polymer, 2004, 45, 6219-6225. | 1.8 | 51 |
| 283 | Rheological properties of hydrophobic ethoxylated urethane (HEUR) in the presence of methylated Î²-cyclodextrin. Polymer, 2004, 45, 8339-8348. | 1.8 | 24 |
| 284 | A semi-empirical approach for modeling charged soft microgel particles. Journal of Rheology, 2004, 48, 915-926. | 1.3 | 34 |
| 285 | Self-Assembly Behavior of a Stimuli-Responsive Water-Soluble [60]Fullerene-Containing Polymer. Langmuir, 2004, 20, 8569-8575. | 1.6 | 57 |
| 286 | Self-Assembly Behavior of Poly(methacrylic acid-block-ethyl acrylate) Polymer in Aqueous Medium:â€‰ Potentiometric Titration and Laser Light Scattering Studies. Journal of Physical Chemistry B, 2004, 108, 1621-1627. | 1.2 | 32 |
| 287 | Solvent-Induced Large Compound Vesicle of [60]Fullerene Containing Poly(tert-butyl methacrylate). Langmuir, 2004, 20, 9882-9884. | 1.6 | 31 |
| 288 | Interaction between Polyelectrolyte and Oppositely Charged Surfactant:Â Effect of Charge Density. Journal of Physical Chemistry B, 2004, 108, 8976-8982. | 1.2 | 104 |

| # | Article | IF | Citations |
|---|---|---|---|
| 289 | Isothermal Titration Calorimetric Studies on the Temperature Dependence of Binding Interactions between Poly(propylene glycol)s and Sodium Dodecyl Sulfate. Langmuir, 2004, 20, 2177-2183. | 1.6 | 101 |
| 290 | Binding of Dodecyltrimethylammonium Bromide to pH-Responsive Nanocolloids Containing Cross-Linked Methacrylic Acidâ˜'Ethyl Acrylate Copolymers. Langmuir, 2004, 20, 7933-7939. | 1.6 | 13 |
| 291 | Synthesis and Aggregation Behavior of Amphiphilic Block Copolymers in Aqueous Solution:Â Di- and Triblock Copolymers of Poly(ethylene oxide) and Poly(ethyl acrylate). Langmuir, 2004, 20, 1597-1604. | 1.6 | 40 |
| 292 | Microstructure and Rheology of Stimuli-Responsive Nanocolloidal SystemsEffect of Ionic Strength. Langmuir, 2004, 20, 11380-11386. | 1.6 | 28 |
| 293 | Hydrolytic Degradation of Pluronic F127/Poly(lactic acid) Block Copolymer Nanoparticles. Macromolecules, 2004, 37, 3425-3430. | 2.2 | 45 |
| 294 | Association Behavior of Poly(methyl methacrylate-block-methacrylic acid) in Aqueous Medium. Langmuir, 2004, 20, 2157-2163. | 1.6 | 36 |
| 295 | Salt-Assisted and Salt-Suppressed Solâ˜'Gel Transitions of Methylcellulose in Water. Langmuir, 2004, 20, 646-652. | 1.6 | 133 |
| 296 | Isothermal Titration Calorimetric and Electromotive Force Studies on Binding Interactions of Hydrophobic Ethoxylated Urethane and Sodium Dodecyl Sulfate of Different Molecular Masses. Journal of Physical Chemistry B, 2004, 108, 4979-4988. | 1.2 | 30 |
| 297 | Polymer-Induced Fractal Patterns of [60]Fullerene Containing Poly(methacrylic acid) in Salt Solutions. Langmuir, 2004, 20, 9901-9904. | 1.6 | 29 |
| 298 | Simulation of thermal debinding: effects of mass transport on equivalent stress. Computational Materials Science, 2004, 30, 496-503. | 1.4 | 8 |
| 299 | Factors governing in situ fibre formation in LCP/PC blendsâ˜†. Composites Part A: Applied Science and Manufacturing, 2004, 35, 1033-1038. | 3.8 | 3 |
| 300 | Interfacial properties of polycarbonate/liquid-crystal polymer and polystyrene/high-impact polystyrene polymer pairs under shear deformation. Journal of Applied Polymer Science, 2003, 87, 258-269. | 1.3 | 13 |
| 301 | Effect of nano-silica filler on the rheological and morphological properties of polypropylene/liquid-crystalline polymer blends. Journal of Applied Polymer Science, 2003, 87, 1484-1492. | 1.3 | 35 |
| 302 | Relationship between processing, microstructure, and mechanical properties of injection molded thermotropic LCP. Journal of Applied Polymer Science, 2003, 88, 1713-1718. | 1.3 | 12 |
| 303 | Energy model of the interfacial slip of polymer blends under steady shear. Journal of Applied Polymer Science, 2003, 89, 1464-1470. | 1.3 | 17 |
| 304 | Energy-based predictive criterion for LCP fibrillation in LCP/thermoplastic polymer blends under shear. Journal of Applied Polymer Science, 2003, 90, 3314-3324. | 1.3 | 3 |
| 305 | Aggregation behavior of two-arm fullerene-containing poly(ethylene oxide). Polymer, 2003, 44, 2529-2536. | 1.8 | 68 |
| 306 | Effect of fillers on the structure and mechanical properties of LCP/PP/SiO2 in-situ hybrid nanocomposites. Composites Science and Technology, 2003, 63, 339-346. | 3.8 | 49 |

| # | Article | IF | Citations |
|---|---|---|---|
| 307 | PP/LCP composites: effects of shear flow, extensional flow and nanofillers. Composites Science and Technology, 2003, 63, 1921-1929. | 3.8 | 38 |
| 308 | Relaxation of liquid-crystalline polymer fibers in polycarbonate-liquid-crystalline polymer blend system. Journal of Polymer Science, Part B: Polymer Physics, 2003, 41, 2307-2312. | 2.4 | 12 |
| 309 | Flow behaviour and microstructure evolution in novel SiO2/PP/LCP ternary composites: effects of filler properties and mixing sequence. Polymer International, 2003, 52, 276-284. | 1.6 | 24 |
| 310 | Mechanical properties and morphology of LCP/ABS blends compatibilized with a styrene-maleic anhydride copolymer. Polymer International, 2003, 52, 733-739. | 1.6 | 9 |
| 311 | Controlled/living polymerization of 2-(diethylamino)ethyl methacrylate and its block copolymer withtert-butyl methacrylate by atom transfer radical polymerization. Journal of Polymer Science Part A, 2003, 41, 2688-2695. | 2.5 | 45 |
| 312 | Effect of shear heating during injection molding on the morphology of PC/LCP blends. Acta Materialia, 2003, 51, 6269-6276. | 3.8 | 24 |
| 313 | Synthesis and Aggregation Behavior of Pluronic F127/Poly(lactic acid) Block Copolymers in Aqueous Solutions. Macromolecules, 2003, 36, 9979-9985. | 2.2 | 105 |
| 314 | Aggregation Behavior of C60-End-Capped Poly(ethylene oxide)s. Langmuir, 2003, 19, 4798-4803. | 1.6 | 97 |
| 315 | Novel pH-Responsive Amphiphilic Diblock Copolymers with Reversible Micellization Properties. Langmuir, 2003, 19, 5175-5177. | 1.6 | 100 |
| 316 | Association Behavior of Poly(methacrylic acid)-block-poly(methyl methacrylate) in Aqueous Medium:Â Potentiometric and Laser Light Scattering Studies. Macromolecules, 2003, 36, 173-179. | 2.2 | 87 |
| 317 | Rheology and Aggregation Behavior of Hydrophobically Modified Urethane Ethoxylate in Ethylene Glycolâ^Water Mixtures. Macromolecules, 2003, 36, 6260-6266. | 2.2 | 12 |
| 318 | Interactions between Methacrylic Acid/Ethyl Acrylate Copolymers and Dodecyltrimethylammonium Bromide. Journal of Physical Chemistry B, 2003, 107, 4667-4675. | 1.2 | 64 |
| 319 | Hydroxyapatite nanostructure material derived using cationic surfactant as a template. Journal of Materials Chemistry, 2003, 13, 3053. | 6.7 | 169 |
| 320 | Interfacial slip between polymer melts studied by confocal microscopy and rheological measurements. Journal of Rheology, 2003, 47, 795-807. | 1.3 | 35 |
| 321 | Simulation of Particle Migration of Powder-Resin System in Injection Molding. Journal of Manufacturing Science and Engineering, Transactions of the ASME, 2003, 125, 538-547. | 1.3 | 8 |
| 322 | Experimental Investigation of Shear-Induced Particle Migration in Steady-State Isothermic Extrusion. Nihon Reoroji Gakkaishi, 2003, 31, 165-173. | 0.2 | 6 |
| 323 | Numerical and experimental investigation of thermal debinding. Powder Metallurgy, 2002, 45, 233-236. | 0.9 | 2 |
| 324 | Dissolution Behavior of HASE Polymers in the Presence of Salt:â€‰ Potentiometric Titration, Isothermal Titration Calorimetry, and Light Scattering Studies. Journal of Physical Chemistry B, 2002, 106, 1195-1204. | 1.2 | 40 |

| # | Article | IF | Citations |
|---|---|---|---|
| 325 | Thermally Induced Association and Dissociation of Methylcellulose in Aqueous Solutions. Langmuir, 2002, 18, 7291-7298. | 1.6 | 209 |
| 326 | One-Step Synthesis of Cobaltâ˜Phthalocyanine/Iron Nanocomposite Particles with High Magnetic Susceptibility. Langmuir, 2002, 18, 4198-4204. | 1.6 | 29 |
| 327 | New Insights on the Interaction Mechanism within Oppositely Charged Polymer/Surfactant Systems. Langmuir, 2002, 18, 6484-6490. | 1.6 | 184 |
| 328 | Dynamic Light Scattering of Semi-Dilute Hydrophobically Modified Alkali-Soluble Emulsion Solutions with Varying Length of Hydrophobic Alkyl Chains. Macromolecular Chemistry and Physics, 2002, 203, 2312-2321. | 1.1 | 19 |
| 329 | Effect of compatibilization in injection-molded polycarbonate and liquid crystalline polymer blend. Journal of Applied Polymer Science, 2002, 84, 568-575. | 1.3 | 17 |
| 330 | Morphology and mechanical properties of reactive compatibilized polystyrene/ethylene-vinyl acetate-vinyl alcohol blends. Journal of Applied Polymer Science, 2002, 85, 209-217. | 1.3 | 5 |
| 331 | Novel approach to fibrillation of LCP in an LCP/PP blend. Journal of Applied Polymer Science, 2002, 86, 2070-2078. | 1.3 | 35 |
| 332 | Thermal debinding modeling of mass transport and deformation in powder-injection molding compact. Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 2002, 33, 477-488. | 1.0 | 32 |
| 333 | Influence of the polarity of ethylene-vinyl acetate copolymers on the morphology and mechanical properties of their uncompatibilised blends with polystyrene. Polymer International, 2002, 51, 325-337. | 1.6 | 15 |
| 334 | Effects of shear rate, viscosity ratio and liquid crystalline polymer content on morphological and mechanical properties of polycarbonate and LCP blends. Polymer International, 2002, 51, 398-405. | 1.6 | 27 |
| 335 | Gel Network Structure of Methylcellulose in Water. Langmuir, 2001, 17, 8062-8068. | 1.6 | 226 |
| 336 | Isothermal Titration Calorimetry Studies of Binding Interactions between Polyethylene Glycol and Ionic Surfactants. Journal of Physical Chemistry B, 2001, 105, 10759-10763. | 1.2 | 134 |
| 337 | Binding Characteristics of Hydrophobic Ethoxylated Urethane (HEUR) and an Anionic Surfactant:Â Microcalorimetry and Laser Light Scattering Studies. Journal of Physical Chemistry B, 2001, 105, 10189-10196. | 1.2 | 43 |
| 338 | Microstructure of Dilute Telechelic Associative Polymer in Sodium Dodecyl Sulfate Solutions. Macromolecules, 2001, 34, 4673-4675. | 2.2 | 18 |
| 339 | Isothermal Titration Calorimetric Studies on Interactions of Ionic Surfactant and Poly(oxypropylene)â˜Poly(oxyethylene)â˜ Poly(oxypropylene) Triblock Copolymers in Aqueous Solutions. Macromolecules, 2001, 34, 7049-7055. | 2.2 | 85 |
| 340 | Phase transition of aqueous solutions of poly( N , N -diethylacrylamide- co -acrylic acid) by differential scanning calorimetric and spectrophotometric methods. Colloid and Polymer Science, 2001, 279, 793-799. | 1.0 | 32 |
| 341 | In situ composites: effect of elongational flow velocity on thermotropic liquid crystalline co-polyester fibrillation in thermoplastic/TLCP systems. Composites Science and Technology, 2001, 61, 941-947. | 3.8 | 15 |
| 342 | Rheological properties of methacrylic acid/ethyl acrylate co-polymer: comparison between an unmodified and hydrophobically modified system. Polymer, 2001, 42, 249-259. | 1.8 | 69 |

| # | Article | IF | Citations |
|---|---|---|---|
| 343 | Network structure of a model HASE polymer in semidilute salt solutions. Journal of Applied Polymer Science, 2001, 79, 1486-1496. | 1.3 | 22 |
| 344 | Influence of the molecular weight of ethylene vinyl acetate copolymers on the flow and mechanical properties of uncompatibilized polystyrene/ethylene-vinyl acetate copolymer blends. Polymer International, 2001, 50, 95-106. | 1.6 | 9 |
| 345 | Mechanical, morphological, and thermal properties of poly(ethylene 2,6-naphthalate) and copolyester LCP blends. Journal of Applied Polymer Science, 2001, 82, 477-488. | 1.3 | 4 |
| 346 | Light Scattering of Hydrophobically Modified Alkali-Soluble Emulsion (HASE) Polymer: Ionic Strength and Temperature Effects. Macromolecular Chemistry and Physics, 2001, 202, 335-342. | 1.1 | 22 |
| 347 | Water sorption studies of new pH-responsive N-acryloyl-Nâ€²-methyl piperazine and methyl methacrylate hydrogels. European Polymer Journal, 2001, 37, 1473-1478. | 2.6 | 40 |
| 348 | Studies of phase transition of aqueous solution of poly(N,N-diethylacrylamide-co-acrylic acid) by differential scanning calorimetry and spectrophotometry. European Polymer Journal, 2001, 37, 1773-1778. | 2.6 | 35 |
| 349 | Two-dimensional simulation of mass transport in polymer removal from a powder injection molding compact by thermal debinding. Journal of Materials Research, 2001, 16, 2436-2451. | 1.2 | 22 |
| 350 | Relaxation Spectra and Viscoelastic Behavior of a Model Hydrophobically Modified Alkali-Soluble Emulsion (HASE) Polymer in Salt/SDS Solutions. Journal of Colloid and Interface Science, 2000, 231, 52-58. | 5.0 | 19 |
| 351 | Rheological and microcalorimetric studies of a model alkali-soluble associative polymer (HASE) in nonionic surfactant solutions. Journal of Polymer Science, Part B: Polymer Physics, 2000, 38, 2019-2032. | 2.4 | 27 |
| 352 | Aggregation behavior of methacrylic acid/ethyl acrylate copolymer in dilute solutions. European Polymer Journal, 2000, 36, 2671-2677. | 2.6 | 37 |
| 353 | Extensional properties of model hydrophobically modified alkali-soluble associative (HASE) polymer solutions. Journal of Non-Newtonian Fluid Mechanics, 2000, 92, 167-185. | 1.0 | 42 |
| 354 | Simulation of polymer removal from a powder injection molding compact by thermal debinding. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2000, 31, 2597-2606. | 1.1 | 19 |
| 355 | The Network Strength and Junction Density of a Model HASE Polymer in Non-Ionic Surfactant Solutions. ACS Symposium Series, 2000, , 351-368. | 0.5 | 3 |
| 356 | Model Alkali-Soluble Associative (HASE) Polymers and Ionic Surfactant Interactions Examined by Isothermal Titration Calorimetry. Langmuir, 2000, 16, 2151-2156. | 1.6 | 48 |
| 357 | Calorimetric Studies of Model Hydrophobically Modified Alkali-Soluble Emulsion Polymers with Varying Spacer Chain Length in Ionic Surfactant Solutions. Macromolecules, 2000, 33, 1727-1733. | 2.2 | 54 |
| 358 | Potentiometric titration and dynamic light scattering of hydrophobically modified alkali soluble emulsion (HASE) polymer solutions. Physical Chemistry Chemical Physics, 2000, 2, 1967-1972. | 1.3 | 26 |
| 359 | Microstructure of Dilute Hydrophobically Modified Alkali Soluble Emulsion in Aqueous Salt Solution. Macromolecules, 2000, 33, 404-411. | 2.2 | 56 |
| 360 | Light Scattering of Dilute Hydrophobically Modified Alkali-Soluble Emulsion Solutions:Â Effects of Hydrophobicity and Spacer Length of Macromonomer. Macromolecules, 2000, 33, 7021-7028. | 2.2 | 50 |

| # | Article | IF | Citations |
|---|---|---|---|
| 361 | Lifetime and network relaxation time of a HEUR-C20 associative polymer system. Journal of Rheology, 2000, 44, 137-147. | 1.3 | 78 |
| 362 | Rheological Properties of Semidilute Hydrophobically Modified Alkali-Soluble Emulsion Polymers in Sodium Dodecyl Sulfate and Salt Solutions. Langmuir, 2000, 16, 5600-5606. | 1.6 | 45 |
| 363 | Viscoelastic properties of hydrophobically modified alkali-soluble emulsion in salt solutions. Polymer, 1999, 40, 6369-6379. | 1.8 | 56 |
| 364 | Rheological properties of model alkali-soluble associative (HASE) polymer in ionic and non-ionic surfactant solutions. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 1999, 154, 365-382. | 2.3 | 46 |
| 365 | Evaluation of intrinsic viscosity measurements of hydrophobically modified polyelectrolyte solutions. European Polymer Journal, 1999, 35, 1245-1252. | 2.6 | 58 |
| 366 | Stability of a model alkali-soluble associative polymer in the presence of a weak and a strong base. Colloid and Polymer Science, 1999, 277, 276-281. | 1.0 | 13 |
| 367 | Dissolution behaviour of model alkali-soluble emulsion polymers: effects of molecular weights and ionic strength. Colloid and Polymer Science, 1999, 277, 1172-1178. | 1.0 | 24 |
| 368 | Effects of Temperature on the Flow Dynamics of a Model HASE Associative Polymer in Nonionic Surfactant Solutions. Langmuir, 1999, 15, 7537-7545. | 1.6 | 38 |
| 369 | Effect of a nonionic surfactant on the flow dynamics of a model HASE associative polymer. AICHE Journal, 1998, 44, 2756-2765. | 1.8 | 32 |
| 370 | Rheological properties of hydrophobically modified alkali-soluble polymers?effects of ethylene-oxide chain length. Journal of Polymer Science, Part B: Polymer Physics, 1998, 36, 2275-2290. | 2.4 | 69 |
| 371 | Effects of salt on the intrinsic viscosity of model alkali-soluble associative polymers. Macromolecular Chemistry and Physics, 1998, 199, 1175-1184. | 1.1 | 79 |
| 372 | A Structural Model of Hydrophobically Modified Urethaneâ^'Ethoxylate (HEUR) Associative Polymers in Shear Flows. Macromolecules, 1998, 31, 4149-4159. | 2.2 | 280 |
| 373 | Fluorescence Studies of an Alkaline Swellable Associative Polymer in Aqueous Solution. Langmuir, 1997, 13, 182-186. | 1.6 | 90 |
| 374 | Superposition of Oscillations on Steady Shear Flow as a Technique for Investigating the Structure of Associative Polymers. Macromolecules, 1997, 30, 1426-1433. | 2.2 | 177 |
| 375 | Rheological Properties of Model Alkali-Soluble Associative (HASE) Polymers:â€‰ Effect of Varying Hydrophobe Chain Length. Macromolecules, 1997, 30, 3271-3282. | 2.2 | 153 |
| 376 | Metal injection molding: effects of the vinyl acetate content on binder behavior. Journal of Materials Processing Technology, 1997, 67, 120-125. | 3.1 | 13 |
| 377 | Rheological Properties of Poly(ethylene oxide) in Anionic Surfactant Solutions. Advances in Chemistry Series, 1996, , 205-217. | 0.6 | 6 |
| 378 | Rheological properties of hydrophobically modified alkali-swellable acrysol emulsions. Journal of Polymer Research, 1996, 3, 201-209. | 1.2 | 7 |

| # | Article | IF | Citations |
|---|---|---|---|
| 379 | Yield stress behaviour of metal injection moulding suspensions at elevated temperatures. Journal of Materials Science, 1995, 30, 3625-3632. | 1.7 | 9 |
| 380 | Modified cox-merz rule for charged polymer systems in solution. Journal of Macromolecular Science - Physics, 1994, 33, 173-184. | 0.4 | 3 |
| 381 | Role of ionic species and valency on the viscoelastic properties of partially hydrolyzed polyacrylamide solutions. Colloid and Polymer Science, 1994, 272, 516-522. | 1.0 | 4 |
| 382 | Interaction of Surfactants with Poly(N-isopropylacrylamide) Microgel Latexes. Langmuir, 1994, 10, 418-422. | 1.6 | 102 |
| 383 | Poly(N-isopropylacrylamide) Latices Prepared with Sodium Dodecyl Sulfate. Journal of Colloid and Interface Science, 1993, 156, 24-30. | 5.0 | 314 |
| 384 | Improved correlation for shear-dependent viscosity of polyelectrolyte solutions. Journal of Non-Newtonian Fluid Mechanics, 1993, 46, 275-288. | 1.0 | 25 |
| 385 | Poly(N-isopropylacrylamide). I. Interactions with sodium dodecyl sulfate measured by conductivity. Journal of Polymer Science Part A, 1993, 31, 957-962. | 2.5 | 51 |
| 386 | Poly(N-isopropylacrylamide). II. Effect of polymer concentration, temperature, and surfactant on the viscosity of aqueous solutions. Journal of Polymer Science Part A, 1993, 31, 963-969. | 2.5 | 54 |
| 387 | Rheology of Water-Soluble Polymers: A Comparative Study on the Effect of Monovalent Salt. Polymer-Plastics Technology and Engineering, 1993, 32, 123-138. | 1.9 | 6 |
| 388 | A general correlation for turbulent velocity profiles of dilute polymer solutions. Journal of Hydraulic Research/De Recherches Hydrauliques, 1992, 30, 117-142. | 0.7 | 6 |
| 389 | A general correlation between steady shear and dynamic properties of dilute polymer solutions at zero shear and frequency conditions (abstract). Journal of Rheology, 1992, 36, 988-988. | 1.3 | 0 |
| 390 | Viscometryâ€"a useful tool for studying conformational changes of poly(N-isopropylacrylamide) in solutions. Polymer, 1992, 33, 436-438. | 1.8 | 45 |
| 391 | Remarks on the Shear-Thickening Behavior of Dilute Polymer Solutions. Polymer-Plastics Technology and Engineering, 1991, 30, 145-162. | 1.9 | 1 |
| 392 | Comments on the accuracy of zero shear intrinsic viscosity of high molecular weight polyacrylamide. Polymer International, 1991, 24, 15-22. | 1.6 | 7 |
| 393 | A General Correlation between Steady Shear and Dynamic Properties of Dilute Polymer Solutions at Zero Shear and Frequency Conditions. Nihon Reoroji Gakkaishi, 1991, 19, 98-105. | 0.2 | 1 |
| 394 | Role of ionic species and valency on the steady shear behavior of partially hydrolyzed polyacrylamide solutions. Colloid and Polymer Science, 1990, 268, 911-920. | 1.0 | 33 |
| 395 | Molecular interpretation of the behaviour of polyisobutylene in different solvents. Rheologica Acta, 1990, 29, 117-126. | 1.1 | 3 |
| 396 | Ideal elastic fluids of different viscosity and elasticity levels. Rheologica Acta, 1989, 28, 112-120. | 1.1 | 9 |

| # | Article | IF | Citations |
|---|---|---|---|
| 397 | A low viscosity, highly elastic ideal fluid. Journal of Non-Newtonian Fluid Mechanics, 1989, 31, 163-177. | 1.0 | 10 |
| 398 | A phenomenological model for dynamic properties of dilute polymer solutions. Journal of Non-Newtonian Fluid Mechanics, 1989, 33, 165-180. | 1.0 | 4 |
| 399 | Steady and Dynamic Shear Properties of Aqueous Polymer Solutions. Journal of Rheology, 1989, 33, 257-280. | 1.3 | 81 |
| 400 | A general correlation for purely viscous nonâ€newtonian fluids flowing in ducts of arbitrary crossâ€section. Canadian Journal of Chemical Engineering, 1988, 66, 542-549. | 0.9 | 4 |
| 401 | Rheological and microcalorimetric studies of a model alkali-soluble associative polymer (HASE) in nonionic surfactant solutions. , 0, . | | 1 |