

Charles L McCormick

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A Perspective on the History and Current Opportunities of Aqueous RAFT Polymerization. <i>Macromolecular Rapid Communications</i> , 2022, 43, .	2.0	8
2	Label-free characterization of organic nanocarriers reveals persistent single molecule cores for hydrocarbon sequestration. <i>Nature Communications</i> , 2021, 12, 3123.	5.8	9
3	Guanidinium-Functionalized Interpolyelectrolyte Complexes Enabling RNAi in Resistant Insect Pests. <i>Biomacromolecules</i> , 2018, 19, 1111-1117.	2.6	68
4	Amphoteric, Sulfonamide-Functionalized "Polysoaps" CO ₂ -Induced Phase Separation for Water Remediation. <i>Macromolecules</i> , 2018, 51, 9052-9059.	2.2	12
5	Aqueous RAFT Synthesis of Glycopolymers for Determination of Saccharide Structure and Concentration Effects on Amyloid I ² Aggregation. <i>Biomacromolecules</i> , 2017, 18, 3359-3366.	2.6	22
6	Aqueous RAFT at pH zero: enabling controlled polymerization of unprotected acyl hydrazide methacrylamides. <i>Polymer Chemistry</i> , 2017, 8, 4978-4982.	1.9	13
7	High molecular weight and low dispersity polyacrylonitrile by low temperature RAFT polymerization. <i>Journal of Polymer Science Part A</i> , 2016, 54, 553-562.	2.5	32
8	Block ionomer complexes consisting of siRNA and aRAFT-synthesized hydrophilic-block-cationic copolymers II: the influence of cationic block charge density on gene suppression. <i>Polymer Chemistry</i> , 2016, 7, 6044-6054.	1.9	10
9	"One-Pot" Aminolysis/Thiol "Maleimide End-Group Functionalization of RAFT Polymers: Identifying and Preventing Michael Addition Side Reactions. <i>Macromolecules</i> , 2016, 49, 6193-6202.	2.2	34
10	Mechanistic Insights into Temperature-Dependent Trithiocarbonate Chain-End Degradation during the RAFT Polymerization of <i>N</i> -Arylmethacrylamides. <i>Macromolecules</i> , 2016, 49, 465-474.	2.2	25
11	RAFT Polymerization of "Splitters" and "Cryptos" Exploiting Azole- <i>N</i> -carboxamides As Blocked Isocyanates for Ambient Temperature Postpolymerization Modification. <i>Macromolecules</i> , 2016, 49, 554-563.	2.2	21
12	Antimicrobial Peptide Mimicking Primary Amine and Guanidine Containing Methacrylamide Copolymers Prepared by Raft Polymerization. <i>Biomacromolecules</i> , 2015, 16, 3845-3852.	2.6	58
13	Tunable pH- and CO ₂ -Responsive Sulfonamide-Containing Polymers by RAFT Polymerization. <i>Macromolecules</i> , 2015, 48, 5487-5495.	2.2	41
14	Block ionomer complexes consisting of siRNA and aRAFT-synthesized hydrophilic-block-cationic copolymers: the influence of cationic block length on gene suppression. <i>Polymer Chemistry</i> , 2014, 5, 6967-6976.	1.9	14
15	Structurally controlled "polysoaps" via RAFT copolymerization of AMPS and <i>n</i> -dodecyl acrylamide for environmental remediation. <i>Polymer Chemistry</i> , 2014, 5, 819-827.	1.9	28
16	Endolytic, pH-Responsive HPMA- <i>b</i> -(<i>l</i> -Glu) Copolymers Synthesized via Sequential Aqueous RAFT and Ring-Opening Polymerizations. <i>Biomacromolecules</i> , 2013, 14, 3793-3799.	2.6	13
17	Guanidine-Containing Methacrylamide (Co)polymers via <i>a</i> RAFT: Toward a Cell-Penetrating Peptide Mimic. <i>ACS Macro Letters</i> , 2012, 1, 100-104.	2.3	78
18	Antimicrobial Poly(methacrylamide) Derivatives Prepared via Aqueous RAFT Polymerization Exhibit Biocidal Efficiency Dependent upon Cation Structure. <i>Biomacromolecules</i> , 2012, 13, 2472-2482.	2.6	66

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19	Reversible Imine Shell Cross-Linked Micelles from Aqueous RAFT-Synthesized Thermoresponsive Triblock Copolymers as Potential Nanocarriers for pH-Triggered Drug Release. <i>Macromolecules</i> , 2011, 44, 1327-1334.	2.2	153
20	Facile, modular transformations of RAFT block copolymers via sequential isocyanate and thiol-ene reactions. <i>Polymer Chemistry</i> , 2011, 2, 1976.	1.9	36
21	RAFT-synthesized copolymers and conjugates designed for therapeutic delivery of siRNA. <i>Polymer Chemistry</i> , 2011, 2, 1428.	1.9	63
22	Stimuli-responsive micelles of amphiphilic AMPS-b-AAAL copolymers in layer-by-layer films. <i>Journal of Polymer Science Part A</i> , 2011, 49, 1104-1111.	2.5	15
23	Rational Design of Biopolymers via Aqueous Reversible Addition-Fragmentation Chain Transfer Polymerization. <i>ACS Symposium Series</i> , 2010, , 49-63.	0.5	2
24	Stimuli-responsive amphiphilic (co)polymers via RAFT polymerization. <i>Progress in Polymer Science</i> , 2010, 35, 45-93.	11.8	392
25	Bioconjugation of D-glucuronic acid sodium salt to well-defined primary amine-containing homopolymers and block copolymers. <i>Journal of Polymer Science Part A</i> , 2010, 48, 3052-3061.	2.5	16
26	Primary Amine-Functionalized Silicon Surfaces via Click Chemistry with Alkynyl-Functionalized Poly(2-aminoethyl methacrylate). <i>ACS Symposium Series</i> , 2010, , 113-129.	0.5	3
27	Reversible gold-locked synthetic vesicles derived from stimuli-responsive diblock copolymers. <i>Polymer Chemistry</i> , 2010, 1, 628.	1.9	26
28	Tailored Design of Au Nanoparticle-siRNA Carriers Utilizing Reversible Addition-Fragmentation Chain Transfer Polymers. <i>Biomacromolecules</i> , 2010, 11, 1052-1059.	2.6	55
29	Schizophrenic Self-Assembly of Block Copolymers Synthesized via Aqueous RAFT Polymerization: From Micelles to Vesicles Paper number 143 in a series on Water-Soluble Polymers.. <i>Macromolecules</i> , 2010, 43, 1210-1217.	2.2	181
30	Reversible Interpolyelectrolyte Shell Cross-Linked Micelles from pH/Salt-Responsive Diblock Copolymers Synthesized via RAFT in Aqueous Solution. <i>Macromolecules</i> , 2010, 43, 7033-7040.	2.2	44
31	Rational Design of Targeted Cancer Therapeutics through the Multiconjugation of Folate and Cleavable siRNA to RAFT-Synthesized (HPMA-s-APMA) Copolymers. <i>Biomacromolecules</i> , 2010, 11, 505-514.	2.6	92
32	Reversible Addition-Fragmentation Chain Transfer (RAFT) Polymerization in an Inverse Microemulsion: Partitioning of Chain Transfer Agent (CTA) and Its Effects on Polymer Molecular Weight. <i>Macromolecules</i> , 2010, 43, 6599-6607.	2.2	29
33	Facile 'One-Pot' Preparation of Reversible, Disulfide-Containing Shell Cross-Linked Micelles from a RAFT-Synthesized, pH-Responsive Triblock Copolymer in Water at Room Temperature. <i>Australian Journal of Chemistry</i> , 2009, 62, 1520.	0.5	47
34	Aqueous RAFT polymerization of 2-aminoethyl methacrylate to produce well-defined, primary amine functional homo- and copolymers. <i>Journal of Polymer Science Part A</i> , 2009, 47, 5405-5415.	2.5	66
35	Reversible Addition-Fragmentation Chain Transfer (RAFT) Polymerization in an Inverse Microemulsion System: Homopolymerization, Chain Extension, and Block Copolymerization Paper no. 140 in a series on Water-Soluble Polymers.. <i>Macromolecules</i> , 2009, 42, 5043-5052.	2.2	23
36	Facile Synthesis of Multivalent Folate-Block Copolymer Conjugates via Aqueous RAFT Polymerization: Targeted Delivery of siRNA and Subsequent Gene Suppression. <i>Biomacromolecules</i> , 2009, 10, 936-943.	2.6	106

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37	Reversible "Self-Locked" Micelles from a Zwitterion-Containing Triblock Copolymer. <i>Macromolecules</i> , 2009, 42, 4941-4945.	2.2	30
38	Tuning Nanostructure Morphology and Gold Nanoparticle "Locking" of Multi-Responsive Amphiphilic Diblock Copolymers " Paper No. 138 in a series on Water Soluble Polymers.. <i>Macromolecules</i> , 2009, 42, 2958-2964.	2.2	89
39	Temperature-induced ordering and gelation of star micelles based on ABA triblocks synthesized via aqueous RAFT polymerization. <i>Soft Matter</i> , 2009, 5, 2179.	1.2	16
40	Advances in the synthesis of amphiphilic block copolymers via RAFT polymerization: Stimuli-responsive drug and gene delivery". <i>Advanced Drug Delivery Reviews</i> , 2008, 60, 1018-1036.	6.6	321
41	Structural Characterization and Solution Properties of a Galacturonate Polysaccharide Derived from <i>Aloe vera</i> Capable of in Situ Gelation. <i>Biomacromolecules</i> , 2008, 9, 472-480.	2.6	57
42	RAFT-synthesized diblock and triblock copolymers: thermally-induced supramolecular assembly in aqueous media. <i>Soft Matter</i> , 2008, 4, 1760.	1.2	192
43	Aqueous RAFT Synthesis of pH-Responsive Triblock Copolymer mPEO~PAPMA~PDPAEMA and Formation of Shell Cross-Linked Micelles. <i>Macromolecules</i> , 2008, 41, 8429-8435.	2.2	138
44	Thermoreversible Hydrogels from RAFT-Synthesized BAB Triblock Copolymers: Steps toward Biomimetic Matrices for Tissue Regeneration. <i>Biomacromolecules</i> , 2008, 9, 481-486.	2.6	122
45	Aqueous RAFT Synthesis of Micelle-Forming Amphiphilic Block Copolymers Containing <i>N</i> -Acryloylvaline. Dual Mode, Temperature/pH Responsiveness, and "Locking" of Micelle Structure through Interpolyelectrolyte Complexation. <i>Macromolecules</i> , 2007, 40, 6473-6480.	2.2	79
46	Layer-by-Layer Assembly of pH-Responsive, Compositionally Controlled (Co)polyelectrolytes Synthesized via RAFT. <i>Langmuir</i> , 2007, 23, 230-240.	1.6	26
47	In Situ Formation of Gold-"Decorated" Vesicles from a RAFT-Synthesized, Thermally Responsive Block Copolymer. <i>Macromolecules</i> , 2007, 40, 8524-8526.	2.2	103
48	Facile Synthetic Procedure for %, Primary Amine Functionalization Directly in Water for Subsequent Fluorescent Labeling and Potential Bioconjugation of RAFT-Synthesized (Co)Polymers. <i>Biomacromolecules</i> , 2007, 8, 2337-2341.	2.6	81
49	Effect of Sequential Layer-by-Layer Surface Modifications on the Surface Energy of Plasma-Modified Poly(dimethylsiloxane). <i>Langmuir</i> , 2007, 23, 667-672.	1.6	20
50	Electrolyte- and pH-responsive polyampholytes with potential as viscosity-control agents in enhanced petroleum recovery. <i>Journal of Applied Polymer Science</i> , 2007, 104, 2812-2821.	1.3	43
51	RAFT Synthesis and Solution Properties of pH-Responsive Styrenic-Based AB Diblock Copolymers of 4-Vinylbenzyltrimethylphosphonium Chloride with <i>N,N,N</i> -Dimethylbenzylvinylamine. <i>Macromolecular Chemistry and Physics</i> , 2007, 208, 2339-2347.	1.1	21
52	Reversible addition-fragmentation chain transfer (RAFT) radical polymerization and the synthesis of water-soluble (co)polymers under homogeneous conditions in organic and aqueous media. <i>Progress in Polymer Science</i> , 2007, 32, 283-351.	11.8	695
53	Stimuli-Responsive Block Copolymers by RAFT and Their Micellization Behavior. <i>ACS Symposium Series</i> , 2007, , 73-82.	0.5	1
54	RAFT Synthesis of a Thermally Responsive ABC Triblock Copolymer Incorporating <i>N</i> -Acryloxysuccinimide for Facile in Situ Formation of Shell Cross-Linked Micelles in Aqueous Media. <i>Macromolecules</i> , 2006, 39, 81-89.	2.2	208

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55	Synthesis of Reversible Shell Cross-Linked Micelles for Controlled Release of Bioactive Agents. <i>Macromolecules</i> , 2006, 39, 2726-2728.	2.2	275
56	Direct Synthesis of Thermally Responsive DMA/NIPAM Diblock and DMA/NIPAM/DMA Triblock Copolymers via Aqueous, Room Temperature RAFT Polymerization. <i>Macromolecules</i> , 2006, 39, 1724-1730.	2.2	327
57	Synthetic Routes to Stimuli-Responsive Micelles, Vesicles, and Surfaces via Controlled/Living Radical Polymerization. <i>Journal of Macromolecular Science - Reviews in Macromolecular Chemistry and Physics</i> , 2006, 46, 421-443.	2.2	46
58	Fluorescent Labeling of RAFT-Generated Poly(N-isopropylacrylamide) via a Facile Maleimide-Thiol Coupling Reaction. <i>Biomacromolecules</i> , 2006, 7, 1389-1392.	2.6	206
59	Responsive Nanoassemblies via Interpolyelectrolyte Complexation of Amphiphilic Block Copolymer Micelles. <i>Macromolecules</i> , 2006, 39, 8594-8602.	2.2	133
60	Corona-Stabilized Interpolyelectrolyte Complexes of siRNA with Nonimmunogenic, Hydrophilic/Cationic Block Copolymers Prepared by Aqueous RAFT Polymerization. <i>Macromolecules</i> , 2006, 39, 6871-6881.	2.2	84
61	Stimuli-responsive ampholytic terpolymers of N-acryloyl-valine, acrylamide, and (3-acrylamidopropyl)trimethylammonium chloride: Synthesis, characterization, and solution properties. <i>Journal of Polymer Science Part A</i> , 2006, 44, 3125-3139.	2.5	28
62	Polyampholyte terpolymers of amphoteric, amino acid-based monomers with acrylamide and (3-acrylamidopropyl)trimethyl ammonium chloride. <i>Journal of Polymer Science Part A</i> , 2006, 44, 4479-4493.	2.5	19
63	Characterization of pH-dependent micellization of polystyrene-based cationic block copolymers prepared by reversible addition-fragmentation chain transfer (RAFT) radical polymerization. <i>Polymer</i> , 2006, 47, 4333-4340.	1.8	34
64	Synthetic Polyzwitterions: Water-Soluble Copolymers and Terpolymers. <i>ACS Symposium Series</i> , 2006, , 47-63.	0.5	7
65	Low Charge-Density Amphoteric Copolymers and Terpolymers with pH- and Salt-Responsive Behavior in Aqueous Media. <i>ACS Symposium Series</i> , 2006, , 129-151.	0.5	1
66	Reversible Addition Fragmentation Chain Transfer Polymerization of Water-Soluble, Ion-Containing Monomers. <i>ACS Symposium Series</i> , 2006, , 95-115.	0.5	11
67	Synthesis, Aqueous Solution Properties, and Biomedical Application of Polymeric Betaines. <i>ACS Symposium Series</i> , 2006, , 65-78.	0.5	4
68	Thermally Responsive Vesicles and Their Structural "Locking" through Polyelectrolyte Complex Formation. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 5792-5795.	7.2	304
69	Chiroptical Properties of Homopolymers and Block Copolymers Synthesized from the Enantiomeric Monomers N-Acryloyl-L-Alanine and N-Acryloyl-D-Alanine Using Aqueous RAFT Polymerization. <i>Australian Journal of Chemistry</i> , 2006, 59, 749.	0.5	36
70	Aqueous RAFT Polymerization of Acrylamide and N,N-Dimethylacrylamide at Room Temperature. <i>Macromolecular Rapid Communications</i> , 2005, 26, 791-795.	2.0	104
71	Controlled/living polymerization of methacrylamide in aqueous media via the RAFT process. <i>Journal of Polymer Science Part A</i> , 2005, 43, 3141-3152.	2.5	49
72	Direct, Controlled Synthesis of the Nonimmunogenic, Hydrophilic Polymer, Poly(N-(2-hydroxypropyl)methacrylamide) via RAFT in Aqueous Media. <i>Biomacromolecules</i> , 2005, 6, 1846-1850.	2.6	182

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73	Synthesis and Evaluation of New Dicarboxylic Acid Functional Trithiocarbonates: A RAFT Synthesis of Telechelic Poly(n-butyl acrylate)s. <i>Macromolecules</i> , 2005, 38, 9518-9525.	2.2	131
74	The Synthesis of Hydrophobically Modified Water-Soluble Polyzwitterionic Copolymers and Responsiveness to Surfactants in Aqueous Solution. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2004, 41, 587-611.	1.2	13
75	Enhanced Coil Expansion and Intrapolymer Complex Formation of Linear Poly(methacrylic acid) Containing Poly(ethylene glycol) Grafts. <i>Macromolecules</i> , 2004, 37, 2603-2612.	2.2	56
76	Aqueous solution properties of pH-responsive AB diblock acrylamido-styrenic copolymers synthesized via aqueous reversible addition-fragmentation chain transfer. <i>Journal of Polymer Science Part A</i> , 2004, 42, 1724-1734.	2.5	85
77	Synthesis, complex formation, and dilute-solution associative behavior of linear poly(methacrylic) Tj ETQq1 1 0.784314 rgBT /Overlock 23	2.5	23
78	pH-Responsive ampholytic terpolymers of acrylamide, sodium 3-acrylamido-3-methylbutanoate, and (3-acrylamidopropyl)trimethylammonium chloride. I. Synthesis and characterization. <i>Journal of Polymer Science Part A</i> , 2004, 42, 3236-3251.	2.5	33
79	pH-responsive ampholytic terpolymers of acrylamide, sodium 3-acrylamido-3-methylbutanoate, and (3-acrylamidopropyl)trimethylammonium chloride. II. Solution properties. <i>Journal of Polymer Science Part A</i> , 2004, 42, 3252-3270.	2.5	24
80	Hydrophobically modified acrylamide-based polybetaines. I. Synthesis, characterization, and stimuli-responsive solution behavior. <i>Journal of Applied Polymer Science</i> , 2004, 92, 647-657.	1.3	42
81	Hydrophobically modified acrylamide-based polybetaines. II. Interaction with surfactants in aqueous solution. <i>Journal of Applied Polymer Science</i> , 2004, 92, 658-671.	1.3	25
82	pH-responsive polyzwitterions: A comparative study of acrylamide-based polyampholyte terpolymers and polybetaine copolymers. <i>Journal of Applied Polymer Science</i> , 2004, 94, 24-39.	1.3	40
83	Aqueous RAFT Polymerization: Recent Developments in Synthesis of Functional Water-Soluble (Co)polymers with Controlled Structures. <i>ChemInform</i> , 2004, 35, no.	0.1	1
84	Direct Controlled Polymerization of a Cationic Methacrylamido Monomer in Aqueous Media via the RAFT Process. <i>Macromolecules</i> , 2004, 37, 2728-2737.	2.2	122
85	Facile, Controlled, Room-Temperature RAFT Polymerization of N-Isopropylacrylamide. <i>Biomacromolecules</i> , 2004, 5, 1177-1180.	2.6	230
86	Hydrolytic Susceptibility of Dithioester Chain Transfer Agents and Implications in Aqueous RAFT Polymerizations. <i>Macromolecules</i> , 2004, 37, 1735-1741.	2.2	228
87	Kinetics and Molecular Weight Control of the Polymerization of Acrylamide via RAFT. <i>Macromolecules</i> , 2004, 37, 8941-8950.	2.2	151
88	Aqueous RAFT Polymerization: Recent Developments in Synthesis of Functional Water-Soluble (Co)polymers with Controlled Structures. <i>Accounts of Chemical Research</i> , 2004, 37, 312-325.	7.6	529
89	RAFT Polymerization in Homogeneous Aqueous Media. <i>ACS Symposium Series</i> , 2003, , 586-602.	0.5	7
90	The direct polymerization of 2-methacryloxyethyl glucoside via aqueous reversible addition-fragmentation chain transfer (RAFT) polymerization. <i>Polymer</i> , 2003, 44, 6761-6765.	1.8	148

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91	Molecular weight control of polyacrylamide with sodium formate as a chain-transfer agent: Characterization via size exclusion chromatography/multi-angle laser light scattering and determination of chain-transfer constant. <i>Journal of Polymer Science Part A</i> , 2003, 41, 560-568.	2.5	40
92	Sulfobetaine-containing diblock and triblock copolymers via reversible addition-fragmentation chain transfer polymerization in aqueous media. <i>Journal of Polymer Science Part A</i> , 2003, 41, 1262-1281.	2.5	108
93	Aqueous Solution Properties of pH-Responsive AB Diblock Acrylamido Copolymers Synthesized via Aqueous RAFT. <i>Macromolecules</i> , 2003, 36, 5982-5987.	2.2	137
94	Modification of Gold Surfaces with Water-Soluble (Co)polymers Prepared via Aqueous Reversible Addition-Fragmentation Chain Transfer (RAFT) Polymerization. <i>Langmuir</i> , 2003, 19, 5559-5562.	1.6	195
95	Conditions for Facile, Controlled RAFT Polymerization of Acrylamide in Water. <i>Macromolecules</i> , 2003, 36, 1436-1439.	2.2	129
96	Synthesis of Block Copolymers of 2- and 4-Vinylpyridine by RAFT Polymerization. <i>Macromolecules</i> , 2003, 36, 4679-4681.	2.2	123
97	Controlled/Living-Polymerization of Sulfobetaine Monomers Directly in Aqueous Media via RAFT. <i>Macromolecules</i> , 2002, 35, 8663-8666.	2.2	121
98	Synthesis and Solution Properties of Zwitterionic Polymers. <i>Chemical Reviews</i> , 2002, 102, 4177-4190.	23.0	804
99	RAFT Polymerization of N,N-Dimethylacrylamide in Water. <i>Macromolecules</i> , 2002, 35, 4570-4572.	2.2	144
100	Facile Preparation of Transition Metal Nanoparticles Stabilized by Well-Defined (Co)polymers Synthesized via Aqueous Reversible Addition-Fragmentation Chain Transfer Polymerization. <i>Journal of the American Chemical Society</i> , 2002, 124, 11562-11563.	6.6	359
101	RAFT Polymerization of N,N-Dimethylacrylamide Utilizing Novel Chain Transfer Agents Tailored for High Reinitiation Efficiency and Structural Control. <i>Macromolecules</i> , 2002, 35, 4123-4132.	2.2	176
102	Water-Soluble Polymers. 81. Direct Synthesis of Hydrophilic Styrenic-Based Homopolymers and Block Copolymers in Aqueous Solution via RAFT. <i>Macromolecules</i> , 2001, 34, 2248-2256.	2.2	705
103	Water-Soluble Polymers. 84. Controlled Polymerization in Aqueous Media of Anionic Acrylamido Monomers via RAFT. <i>Macromolecules</i> , 2001, 34, 6561-6564.	2.2	158
104	Water-Soluble Polymers. 80. Rheological and Photophysical Studies of pH-Responsive Terpolymers Containing Hydrophobic Twin-Tailed Acrylamide Monomers. <i>Macromolecules</i> , 2001, 34, 5579-5586.	2.2	50
105	Water-Soluble Polymers. 78. Viscosity and NRET Fluorescence Studies of pH-Responsive Twin-Tailed Associative Terpolymers Based on Acrylic Acid and Methacrylamide. <i>Macromolecules</i> , 2001, 34, 918-924.	2.2	29
106	Water-Soluble Polymers. 79. Interaction of Microblocky Twin-Tailed Acrylamido Terpolymers with Anionic, Cationic, and Nonionic Surfactants. <i>Langmuir</i> , 2001, 17, 1719-1725.	1.6	38
107	Water-soluble polymers. LXXXII. Shear degradation effects on drag reduction behavior of dilute polymer solutions. <i>Journal of Applied Polymer Science</i> , 2001, 82, 1211-1221.	1.3	17
108	Water-soluble polymers. LXXXIII. Correlation of experimentally determined drag reduction efficiency and extensional viscosity of high molecular weight polymers in dilute aqueous solution. <i>Journal of Applied Polymer Science</i> , 2001, 82, 1222-1231.	1.3	17

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109	Water Soluble Polymers. 76. Electrolyte Responsive Cyclocopolymers with Sulfobetaine Units Exhibiting Polyelectrolyte or Polyampholyte Behavior in Aqueous Media. <i>Macromolecules</i> , 2000, 33, 419-424.	2.2	60
110	Stimuli Responsive Water-Soluble and Amphiphilic (Co)polymers. <i>ACS Symposium Series</i> , 2000, , 1-13.	0.5	23
111	Water-Soluble Polymers. 77. Amphoteric Cyclocopolymers with Sulfobetaine Units: Phase Behavior in Aqueous Media and Solubilization of p-Cresol in Microdomains. <i>Macromolecules</i> , 2000, 33, 2944-2951.	2.2	32
112	Electrolyte and pH responsive surfactant association in ionic semi-interpenetrating networks containing cellulose or chitin synthesized in lithium chloride-N,N-dimethylacetamide. <i>Journal of Applied Polymer Science</i> , 1999, 71, 989-998.	1.3	3
113	Amphipathic polymers with stimuli-responsive microdomains for water remediation: Binding studies with p-cresol. <i>Journal of Applied Polymer Science</i> , 1999, 74, 2290-2300.	1.3	11
114	Adsorption of a fungal hydrophobin onto surfaces as mediated by the associated polysaccharide schizophyllan. <i>Biopolymers</i> , 1999, 49, 621-633.	1.2	10
115	Examination of the structure/function relationship in the exchangeable apolipoprotein, apolipoprotein III. <i>J Biol Chem</i> , 1999, 274, 486-495.		4
116	Water-Soluble Polymers. 73. Electrolyte- and pH-Responsive Zwitterionic Copolymers of 4-[(2-Acrylamido-2-methylpropyl)- dimethylammonio]butanoate with 3-[(2-Acrylamido-2-methyl-)		10
117	Water soluble polymers: 69. pH and electrolyte responsive copolymers of acrylamide and the zwitterionic monomer 4-(2-acrylamido-2-methylpropyldimethylammonio) butanoate: synthesis and solution behaviour. <i>Polymer</i> , 1997, 38, 871-878.	1.8	62
118	Water soluble polymers: 70. Effects of methylene versus propylene spacers in the pH and electrolyte responsiveness of zwitterionic copolymers incorporating carboxybetaine monomers. <i>Polymer</i> , 1997, 38, 879-886.	1.8	46
119	Water-soluble polymers. 71. pH responsive behavior of terpolymers of sodium acrylate, acrylamide, and the zwitterionic monomer 4-(2-acrylamido-2-methylpropanedimethylammonio)butanoate. <i>Journal of Polymer Science Part A</i> , 1997, 35, 231-242.	2.5	27
120	Water-soluble polymers. 72. synthesis and solution behavior of responsive copolymers of acrylamide and the zwitterionic monomer 6-(2-acrylamido-2-methylpropyldimethylammonio) hexanoate. <i>Journal of Polymer Science Part A</i> , 1997, 35, 243-253.	2.5	44
121	pH responsive microdomain formation in a De Novo polypeptide. <i>J Biol Chem</i> , 1997, 272, 521-532.		4
122	Water-Soluble Copolymers. 64. Effects of pH and Composition on Associative Properties of Amphiphilic Acrylamide/Acrylic Acid Terpolymers. <i>Macromolecules</i> , 1996, 29, 254-262.	2.2	73
123	Photophysical and Rheological Studies of Amphiphilic Polyelectrolytes. <i>ACS Symposium Series</i> , 1995, , 551-567.	0.5	5
124	Water-soluble copolymers: 57. Amphiphilic cyclocopolymers of diallylalkoxybenzyl-methylammonium chloride and diallyl-dimethylammonium chloride. <i>Polymer</i> , 1994, 35, 3503-3512.	1.8	53
125	Water-Soluble Copolymers. 50. Effect of Surfactant Addition on the Solution Properties of Amphiphilic Copolymers of Acrylamide and Dimethyldodecyl(2-acrylamidoethyl)ammonium Bromide. <i>Macromolecules</i> , 1994, 27, 2145-2150.	2.2	51
126	Water-Soluble Polymers. 60. Synthesis and Solution Behavior of Terpolymers of Acrylic Acid, Acrylamide, and the Zwitterionic Monomer 3-[(2-Acrylamido-2-methylpropyl)dimethylammonio]-1-propanesulfonate. <i>Macromolecules</i> , 1994, 27, 3156-3161.	2.2	39

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127	Water-soluble copolymers. XLV. Ampholytic terpolymers of acrylamide with sodium 3-acrylamido-3-methylbutanoate and 2-acrylamido-2-methylpropanetrimethylammonium chloride. <i>Journal of Applied Polymer Science</i> , 1993, 48, 1115-1120.	1.3	36
128	Water-soluble copolymers. XLII. Cationic polyelectrolytes of acrylamide and 2-acrylamido-2-methylpropanetrimethylammonium chloride. <i>Journal of Polymer Science Part A</i> , 1993, 31, 1099-1104.	2.5	16
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