Annaâ€“Lena KjÃ¸niksen

List of Publications by Year
in descending order

161 papers	5,654 citations	66234 42 h-index	110170 64 g-index
163 all docs	163 docs citations	163 times ranked	5766 citing authors

#	Article	IF	Citations
1	Progress in regulating electronic structure strategies on Cu-based bimetallic catalysts for CO2 reduction reaction. , 2022, 1, 100055.		43
2	Flame retardancy of rigid polyurethane foams containing thermoregulating microcapsules with phosphazene-based monomers. Journal of Materials Science, 2021, 56, 1172-1188.	1.7	19
3	Synthesis and antimicrobial activities of chitosan/polypropylene carbonate-based nanoparticles. RSC Advances, 2021, 11, 10121-10129.	1.7	8
4	Investigation of severe lunar environmental conditions on the physical and mechanical properties of lunar regolith geopolymers. Journal of Materials Research and Technology, 2021, 11, 1506-1516.	2.6	21
5	Wearable Biofuel Cells: Advances from Fabrication to Application. Advanced Functional Materials, 2021, 31, 2103976.	7.8	38
6	Energy Lost in a Hydrogel Osmotic Engine Due to a Pressure Drop. Industrial & Engineering Chemistry Research, 2021, 60, 13348-13357.	1.8	3
7	Osmotic engine converting energy from salinity difference to a hydraulic accumulator by utilizing polyelectrolyte hydrogels. Energy, 2021, 232, 121055.	4.5	5
8	Recovered Energy from Salinity Gradients Utilizing Various Poly(Acrylic Acid)-Based Hydrogels. Polymers, 2021, 13, 645.	2.0	12
9	Utilization of urea as an accessible superplasticizer on the moon for lunar geopolymer mixtures. Journal of Cleaner Production, 2020, 247, 119177.	4.6	56
10	Effect of temperature on the rheological behavior of a new aqueous liquid crystal bio-lubricant. Journal of Molecular Liquids, 2020, 301, 112406.	2.3	16
11	Complex Temperature and Concentration Dependent Self-Assembly of Poly(2-oxazoline) Block Copolymers. Polymers, 2020, 12, 1495.	2.0	8
12	Hydration development and thermal performance of calcium sulphoaluminate cements containing microencapsulated phase change materials. Cement and Concrete Research, 2020, 132, 106039.	4.6	34
13	The effect of microencapsulated phase change materials on the rheology of geopolymer and Portland cement mortars. Journal of the American Ceramic Society, 2020, 103, 5852-5869.	1.9	13
14	The Effect of Number of Arms on the Aggregation Behavior of Thermoresponsive Poly(N) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222 Td (	1.0	7
15	Effect of temperature on geopolymer and Portland cement composites modified with Micro-encapsulated Phase Change materials. Construction and Building Materials, 2020, 252, 119055.	3.2	37
16	Thermal analysis of multi-layer walls containing geopolymer concrete and phase change materials for building applications. Energy, 2019, 186, 115792.	4.5	71
17	Effect of microencapsulated phase change materials on the flow behavior of cement composites. Construction and Building Materials, 2019, 202, 353-362.	3.2	33
18	Metallogels: Availability, Applicability, and Advanceability. Advanced Materials, 2019, 31, e1806204.	11.1	112

#	Article	IF	Citations
19	Real time rheological study of first network effects on the in situ polymerized semi-interpenetrating hydrogels. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2019, 575, 111-117.	2.3	2
20	The accurate diffusive model for predicting the vapor pressure of phase change materials by thermogravimetric analysis. Thermochimica Acta, 2019, 676, 64-70.	1.2	8
21	Effect of freeze-thaw cycles on the mechanical behavior of geopolymer concrete and Portland cement concrete containing micro-encapsulated phase change materials. Construction and Building Materials, 2019, 200, 94-103.	3.2	117
22	Thermal analysis of geopolymer concrete walls containing microencapsulated phase change materials for building applications. Solar Energy, 2019, 178, 295-307.	2.9	44
23	Time-dependent structural breakdown of microencapsulated phase change materials suspensions. Journal of Dispersion Science and Technology, 2019, 40, 179-185.	1.3	7
24	Physical and mechanical properties of fly ash and slag geopolymer concrete containing different types of micro-encapsulated phase change materials. Construction and Building Materials, 2018, 173, 28-39.	3.2	77
25	Influence of microcapsule size and shell polarity on thermal and mechanical properties of thermoregulating geopolymer concrete for passive building applications. Energy Conversion and Management, 2018, 164, 198-209.	4.4	65
26	Rheological and thermal properties of suspensions of microcapsules containing phase change materials. Colloid and Polymer Science, 2018, 296, 981-988.	1.0	15
27	Polymer coated liposomes for use in the oral cavity â€“ a study of the in vitro toxicity, effect on cell permeability and interaction with mucin. Journal of Liposome Research, 2018, 28, 62-73.	1.5	36
28	The role of radical polymerization in the production of thermoregulating microcapsules or polymers from saturated and unsaturated fatty acids. Journal of Applied Polymer Science, 2018, 135, 45970.	1.3	9
29	Influence of Microcapsule Size and Shell Polarity on the Time-Dependent Viscosity of Geopolymer Paste. Industrial & Engineering Chemistry Research, 2018, 57, 9457-9464.	1.8	34
30	Thermal performance and numerical simulation of geopolymer concrete containing different types of thermoregulating materials for passive building applications. Energy and Buildings, 2018, 173, 678-688.	3.1	41
31	Salinity Gradient Energy from Expansion and Contraction of Poly(allylamine hydrochloride) Hydrogels. ACS Applied Materials & Interfaces, 2018, 10, 22218-22225.	4.0	24
32	Predicting microcapsules morphology and encapsulation efficiency by combining the spreading coefficient theory and polar surface energy component. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2018, 554, 49-59.	2.3	11
33	Influence of polymer coating on release of l-dopa from core-shell Fe@Au nanoparticle systems. Colloid and Polymer Science, 2017, 295, 391-402.	1.0	3
34	Equilibrium adsorption of polyvinylpyrrolidone and its role on thermoregulating microcapsules synthesis process. Colloid and Polymer Science, 2017, 295, 783-792.	1.0	15
35	Microencapsulated phase change materials for enhancing the thermal performance of Portland cement concrete and geopolymer concrete for passive building applications. Energy Conversion and Management, 2017, 133, 56-66.	4.4	222
36	Mechanical properties and microscale changes of geopolymer concrete and Portland cement concrete containing micro-encapsulated phase change materials. Cement and Concrete Research, 2017, 100, 341-349.	4.6	132

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37	Development of thermoregulating microcapsules with cyclotriphosphazene as a flame retardant agent. IOP Conference Series: Materials Science and Engineering, 2017, 251, 012120.	0.3	5
38	Temperature effects on the stability of gold nanoparticles in the presence of a cationic thermoresponsive copolymer. Journal of Nanoparticle Research, 2016, 18, 1.	0.8	6
39	Stabilization of Pluronic Gels by Hydrophobically Modified Hydroxyethylcellulose. International Journal of Polymeric Materials and Polymeric Biomaterials, 2015, 64, 76-83.	1.8	6
40	Small-Angle X-ray Scattering Studies of Thermoresponsive Poly(N-isopropylacrylamide) Star Polymers in Water. Macromolecules, 2015, 48, 2235-2243.	2.2	19
41	Characterization of temperature induced changes in liposomes coated with poly(N) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 582	5.0	8
42	Stabilization of pluronic gels in the presence of different polysaccharides. Journal of Applied Polymer Science, 2014, 131, .	1.3	22
43	The effect of cationic and anionic blocks on temperature-induced micelle formation. Journal of Applied Crystallography, 2014, 47, 22-28.	1.9	5
44	Microparticles based on hydrophobically modified chitosan as drug carriers. Journal of Applied Polymer Science, 2014, 131, .	1.3	7
45	Sustained Release of Naltrexone from Poly(Nâ€isopropylacrylamide) Microgels. Journal of Pharmaceutical Sciences, 2014, 103, 227-234.	1.6	13
46	Influence of poly(ethylene glycol) block length on the adsorption of thermoresponsive copolymers onto gold surfaces. Journal of Materials Science, 2013, 48, 7055-7062.	1.7	4
47	Preparation of Ionically Cross-Linked Pectin Nanoparticles in the Presence of Chlorides of Divalent and Monovalent Cations. Biomacromolecules, 2013, 14, 3523-3531.	2.6	64
48	Studies on pectin-coated liposomes and their interaction with mucin. Colloids and Surfaces B: Biointerfaces, 2013, 103, 158-165.	2.5	77
49	Temperature-responsive cationic block copolymers as nanocarriers for gene delivery. International Journal of Pharmaceutics, 2013, 448, 105-114.	2.6	35
50	In vitro cytotoxicity of a thermoresponsive gel system combining ethyl(hydroxyethyl) cellulose and lysine-based surfactants. Colloids and Surfaces B: Biointerfaces, 2013, 102, 682-686.	2.5	24
51	Small-Angle X-ray Scattering Study of Charged Triblock Copolymers as a Function of Polymer Concentration, Temperature, and Charge Screening. Macromolecules, 2012, 45, 246-255.	2.2	14
52	Interactions between ethyl(hydroxyethyl) cellulose and lysine-based surfactants in aqueous media. European Polymer Journal, 2012, 48, 1622-1631.	2.6	12
53	Thermoresponsive hydrogels with low toxicity from mixtures of ethyl(hydroxyethyl) cellulose and arginine-based surfactants. International Journal of Pharmaceutics, 2012, 436, 454-462.	2.6	26
54	Effects of Temperature and Salt Addition on the Association Behavior of Charged Amphiphilic Diblock Copolymers in Aqueous Solution. Journal of Physical Chemistry B, 2012, 116, 11386-11395.	1.2	34

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55	Cationic Poly(N-isopropylacrylamide) Block Copolymer Adsorption Investigated by Dual Polarization Interferometry and Lattice Meanâ€“Field Theory. Langmuir, 2012, 28, 14028-14038.	1.6	11
56	Thermoresponsive Poly(2-oxazoline) Block Copolymers Exhibiting Two Cloud Points: Complex Multistep Assembly Behavior. Macromolecules, 2012, 45, 4337-4345.	2.2	95
57	Structure and Interactions of Charged Triblock Copolymers Studied by Small-Angle X-ray Scattering: Dependence on Temperature and Charge Screening. Langmuir, 2012, 28, 1105-1114.	1.6	19
58	Complex coacervate micelles formed by a C18-capped cationic triblock thermoresponsive copolymer interacting with SDS. Soft Matter, 2012, 8, 11514.	1.2	10
59	Stability of Chitosan Nanoparticles Cross-Linked with Tripolyphosphate. Biomacromolecules, 2012, 13, 3747-3756.	2.6	187
60	Effects of Hofmeister anions on the flocculation behavior of temperature-responsive poly(N-isopropylacrylamide) microgels. Colloid and Polymer Science, 2012, 290, 1609-1616.	1.0	22
61	Effects of ionic strength on the size and compactness of chitosan nanoparticles. Colloid and Polymer Science, 2012, 290, 919-929.	1.0	109
62	Effects of addition of anionic and cationic surfactants to poly(N-isopropylacrylamide) microgels with and without acrylic acid groups. Colloid and Polymer Science, 2012, 290, 931-940.	1.0	3
63	Characterization of low molecular mass thermosensitive diblock copolymers and their self-assembly by means of analytical ultracentrifugation. Colloid and Polymer Science, 2012, 290, 297-306.	1.0	4
64	Gold Nanoparticles Affect Thermoresponse and Aggregation Properties of Mesoscopic Immunoglobulin G Clusters. Journal of Physical Chemistry C, 2011, 115, 11390-11399.	1.5	6
65	Optical-scattering method for the determination of the local polymer concentration inside nanoparticles. Physical Review E, 2011, 84, 022401.	0.8	24
66	Effects of Temperature and Salt Concentration on the Structural and Dynamical Features in Aqueous Solutions of Charged Triblock Copolymers. Journal of Physical Chemistry B, 2011, 115, 2125-2139.	1.2	27
67	Temperature-Induced Aggregation Kinetics in Aqueous Solutions of a Temperature-Sensitive Amphiphilic Block Copolymer. Journal of Physical Chemistry B, 2011, 115, 8975-8980.	1.2	13
68	Effect of polyethylene glycol (PEG) length on the association properties of temperature-sensitive amphiphilic triblock copolymers (PNIPAAMm-b-PEGn-b-PNIPAAMm) in aqueous solution. Soft Matter, 2011, 7, 8111.	1.2	21
69	Characterization of temperature-induced association in aqueous solutions of charged ABCBA-type pentablock tercopolymers. Soft Matter, 2011, 7, 1168-1175.	1.2	26
70	Studies on pectin coating of liposomes for drug delivery. Colloids and Surfaces B: Biointerfaces, 2011, 88, 664-673.	2.5	83
71	Temperature-responsive self-assembly of charged and uncharged hydroxyethylcellulose-graft-poly(N-isopropylacrylamide) copolymer in aqueous solution. Colloid and Polymer Science, 2011, 289, 993-1003.	1.0	13
72	Characterization of complexation and phase behavior of mixed systems of unmodified and hydrophobically modified oppositely charged polyelectrolytes. Colloid and Polymer Science, 2010, 288, 1121-1130.	1.0	11

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73	Temperature-induced adsorption and optical properties of an amphiphilic diblock copolymer adsorbed onto flat and curved silver surfaces. Journal of Colloid and Interface Science, 2010, 342, 142-146.	5.0	5
74	Characterization of polyelectrolyte features in polysaccharide systems and mucin. Advances in Colloid and Interface Science, 2010, 158, 108-118.	7.0	30
75	Adsorption of Cationic Hydroxyethylcellulose Derivatives onto Planar and Curved Gold Surfaces. Langmuir, 2010, 26, 15925-15932.	1.6	6
76	Temperature-Dependent Optical Properties of Gold Nanoparticles Coated with a Charged Diblock Copolymer and an Uncharged Triblock Copolymer. ACS Nano, 2010, 4, 1187-1201.	7.3	43
77	Single-Molecule Behavior of Asymmetric Thermoresponsive Amphiphilic Copolymers in Dilute Solution. Journal of Physical Chemistry B, 2010, 114, 8887-8893.	1.2	15
78	Viscosification in Polymerâ^'Surfactant Mixtures at Low Temperatures. Journal of Physical Chemistry B, 2010, 114, 6273-6280.	1.2	20
79	Temperature-Induced Flocculation of Gold Particles with an Adsorbed Thermoresponsive Cationic Copolymer. Journal of Physical Chemistry C, 2010, 114, 21960-21968.	1.5	18
80	Friction in aqueous media tuned by temperature-responsive polymer layers. Soft Matter, 2010, 6, 2489.	1.2	70
81	Preparation and characterization of cross-linked polymeric nanoparticles for enhanced oil recovery applications. Journal of Applied Polymer Science, 2009, 113, 1916-1924.	1.3	20
82	Slow salt-induced aggregation of citrate-covered silver particles in aqueous solutions of cellulose derivatives. Colloid and Polymer Science, 2009, 287, 1391-1404.	1.0	24
83	Thermal response of low molecular weight poly-(N-isopropylacrylamide) polymers in aqueous solution. Polymer Bulletin, 2009, 62, 487-502.	1.7	109
84	Novel transition behavior in aqueous solutions of a charged thermoresponsive triblock copolymer. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2009, 333, 32-45.	2.3	24
85	Effects of Temperature and pH on the Contraction and Aggregation of Microgels in Aqueous Suspensions. Journal of Physical Chemistry B, 2009, 113, 11115-11123.	1.2	63
86	Rheological and structural aspects on association of hydrophobically modified polysaccharides. Soft Matter, 2009, 5, 1328.	1.2	37
87	Effect of Surfactant Addition, Temperature, and Solvent conditions on Functional Microgels for Enhanced Oil recovery Applications. , 2009, , .		1
88	Structural and dynamical characterization of poly-gamma-glutamic acid-based cross-linked nanoparticles. Colloid and Polymer Science, 2008, 286, 365-376.	1.0	32
89	Temperature-induced intermicellization and contraction in aqueous mixtures of sodium dodecyl sulfate and an amphiphilic diblock copolymer. Journal of Colloid and Interface Science, 2008, 326, 76-88.	5.0	15
90	Interaction behaviors in aqueous solutions of negatively and positively charged hydrophobically modified hydroxyethylcellulose in the presence of an anionic surfactant. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2008, 328, 79-89.	2.3	25

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91	Effect of pH on the association behavior in aqueous solutions of pig gastric mucin. Carbohydrate Research, 2008, 343, 328-340.	1.1	55
92	Modified polysaccharides for use in enhanced oil recovery applications. European Polymer Journal, 2008, 44, 959-967.	2.6	60
93	Anomalous turbidity, dynamical, and rheological properties in aqueous mixtures of a thermoresponsive PVCL-g-C11EO42 copolymer and an anionic surfactant. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2008, 316, 159-170.	2.3	4
94	Effect of pH on the Behavior of Hyaluronic Acid in Dilute and Semidilute Aqueous Solutions. Macromolecular Symposia, 2008, 274, 131-140.	0.4	78
95	Temperature-Induced Formation and Contraction of Micelle-Like Aggregates in Aqueous Solutions of Thermoresponsive Short-Chain Copolymers. Journal of Physical Chemistry B, 2008, 112, 3294-3299.	1.2	56
96	Temperature-Induced Intermicellization of â€œHairyâ€•and â€œCrew-Cutâ€•Micelles in an Aqueous Solution of a Thermoresponsive Copolymer. Langmuir, 2008, 24, 14227-14233.	1.6	35
97	Intramolecular and Intermolecular Association during Chemical Cross-Linking of Dilute Solutions of Different Polysaccharides under the Influence of Shear Flow. Journal of Physical Chemistry B, 2008, 112, 1082-1089.	1.2	12
98	Effects of Î²-cyclodextrin and Î²-cyclodextrin polymer addition and temperature on the modulation of hydrophobic interactions in aqueous solutions of two hydrophobically modified biopolymers. Journal of Non-Crystalline Solids, 2007, 353, 3906-3914.	1.5	18
99	Effect of Hydrophobic Modification on Rheological and Swelling Features during Chemical Gelation of Aqueous Polysaccharides. Biomacromolecules, 2007, 8, 719-728.	2.6	22
100	Anomalous Transition in Aqueous Solutions of a Thermoresponsive Amphiphilic Diblock Copolymer. Journal of Physical Chemistry B, 2007, 111, 10862-10870.	1.2	48
101	Characterization of interactions in aqueous mixtures of hydrophobically modified alginate and different types of surfactant. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2007, 293, 105-113.	2.3	21
102	Brownian dynamics simulation of reversible polymer networks using a non-interacting bead-and-spring chain model. Journal of Non-Newtonian Fluid Mechanics, 2007, 146, 3-10.	1.0	11
103	Nanoparticles formed by complexation of poly-gamma-glutamic acid with lead ions. Journal of Hazardous Materials, 2007, 153, 1185-92.	6.5	22
104	Shrinking of Chemically Cross-Linked Polymer Networks in the Postgel Region. Polymer Bulletin, 2007, 58, 435-445.	1.7	6
105	Anomalous Viscosity Behavior in Aqueous Solutions of Hyaluronic Acid. Polymer Bulletin, 2007, 59, 217-226.	1.7	30
106	Characterization of the chemical degradation of hyaluronic acid during chemical gelation in the presence of different cross-linker agents. Carbohydrate Research, 2007, 342, 2776-2792.	1.1	46
107	Rheological and Structural Characterization of the Interactions between Cyclodextrin Compounds and Hydrophobically Modified Alginate. Biomacromolecules, 2006, 7, 1871-1878.	2.6	47
108	Altering Associations in Aqueous Solutions of a Hydrophobically Modified Alginate in the Presence of Î²-Cyclodextrin Monomers. Journal of Physical Chemistry B, 2006, 110, 190-195.	1.2	66

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109	Characterization of Interactions in Aqueous Solutions of Hydroxyethylcellulose and Its Hydrophobically Modified Analogue in the Presence of a Cyclodextrin Derivative. Journal of Physical Chemistry B, 2006, 110, 6601-6608.	1.2	42
110	Characterization of Thermally Sensitive Interactions in Aqueous Mixtures of Hydrophobically Modified Hydroxyethylcellulose and Cyclodextrins. Langmuir, 2006, 22, 9023-9029.	1.6	11
111	Dynamical and structural behavior of hydroxyethylcellulose hydrogels obtained by chemical gelation. Polymer International, 2006, 55, 365-374.	1.6	19
112	Effect of solvent composition on the association behavior of pectin in methanolâ€“water mixtures. European Polymer Journal, 2006, 42, 1164-1172.	2.6	9
113	Interaction of unmodified and hydrophobically modified alginate with sodium dodecyl sulfate in dilute aqueous solution. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2006, 278, 166-174.	2.3	59
114	Structure and dynamics of aqueous mixtures of an anionic cellulose derivative and anionic or cationic surfactants. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2006, 279, 40-49.	2.3	25
115	The effect of riboflavin-photoinduced degradation of alginate matrices on the diffusion of poly(oxyethylene) probes in the polymer network. European Polymer Journal, 2006, 42, 3050-3058.	2.6	14
116	Rheological properties of pH-induced association and gelation of pectin. Polymer Bulletin, 2006, 56, 239-246.	1.7	20
117	Characterization of Gelation of Aqueous Pectin via the Ugi Multicomponent Condensation Reaction. Polymer Bulletin, 2006, 56, 579-589.	1.7	16
118	Effects of the Quantity and Structure of Hydrophobes on the Properties of Hydrophobically Modified Alginates in Aqueous Solutions. Polymer Bulletin, 2006, 57, 563-574.	1.7	28
119	Association under shear flow in aqueous solutions of pectin. European Polymer Journal, 2005, 41, 761-770.	2.6	66
120	Effects of pH on dynamics and rheology during association and gelation via the Ugi reaction of aqueous alginate. European Polymer Journal, 2005, 41, 1708-1717.	2.6	52
121	Structural and dynamical properties of aqueous mixtures of pectin and chitosan. European Polymer Journal, 2005, 41, 1718-1728.	2.6	25
122	Phase separation and structural properties of semidilute aqueous mixtures of ethyl(hydroxyethyl)cellulose and an ionic surfactant. European Polymer Journal, 2005, 41, 1954-1964.	2.6	30
123	Effect of Shear on Intramolecular and Intermolecular Association during Cross-Linking of Hydroxyethylcellulose in Dilute Aqueous Solutions. Journal of Physical Chemistry B, 2005, 109, 12329-12336.	1.2	30
124	Effects of Surfactant and Temperature on Rheological and Structural Properties of Semidilute Aqueous Solutions of Unmodified and Hydrophobically Modified Alginate. Langmuir, 2005, 21, 10923-10930.	1.6	58
125	Effects of Î²-Cyclodextrin Addition and Temperature on the Modulation of Hydrophobic Interactions in Aqueous Solutions of an Associative Alginate. Biomacromolecules, 2005, 6, 3129-3136.	2.6	14
126	Physical Properties of Aqueous Solutions of a Thermo-Responsive Neutral Copolymer and an Anionic Surfactant:â€‰ Turbidity and Small-Angle Neutron Scattering Studies. Langmuir, 2005, 21, 8010-8018.	1.6	14

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127	Viscoelastic and structural properties of pharmaceutical hydrogels containing monocaprin. European Journal of Pharmaceutics and Biopharmaceutics, 2005, 59, 333-342.	2.0	30
128	Rheological characterization and turbidity of riboflavin-photosensitized changes in alginate/GDL systems. European Journal of Pharmaceutics and Biopharmaceutics, 2005, 59, 501-510.	2.0	15
129	Association in Aqueous Solutions of a Thermoresponsive PVCL-g-C11EO42 Copolymer. Macromolecules, 2005, 38, 948-960.	2.2	63
130	Characterization of Riboflavin-Photosensitized Changes in Aqueous Solutions of Alginate by Dynamic Light Scattering. Macromolecular Bioscience, 2004, 4, 76-83.	2.1	4
131	Rheological and structural properties of aqueous solutions of a hydrophobically modified polyelectrolyte and its unmodified analogue. European Polymer Journal, 2004, 40, 721-733.	2.6	20
132	Temperature-induced association and gelation of aqueous solutions of pectin. A dynamic light scattering study. European Polymer Journal, 2004, 40, 2427-2435.	2.6	29
133	Rheological Characterization of Photochemical Changes of Ethyl(hydroxyethyl)cellulose Dissolved in Water in the Presence of an Ionic Surfactant and a Photosensitizer. Biomacromolecules, 2004, 5, 610-617.	2.6	8
134	Rheological and Structural Properties of Aqueous Alginate during Gelation via the Ugi Multicomponent Condensation Reaction. Biomacromolecules, 2004, 5, 1470-1479.	2.6	86
135	Influence of concentration and molecular weight on the photosensitized degradation of alginate in aqueous solutions. Polymer Bulletin, 2003, 50, 373-380.	1.7	6
136	Characterisation of thermally controlled chain association in aqueous solutions of poly(N-isopropyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 2003, 228, 75-83.	2.3	38
137	Riboflavin-Photosensitized Changes in Aqueous Solutions of Alginate. Rheological Studies. Biomacromolecules, 2003, 4, 429-436.	2.6	24
138	Thermoreversible Gelation of Aqueous Mixtures of Pectin and Chitosan. Rheology. Biomacromolecules, 2003, 4, 337-343.	2.6	89
139	Characterization of Association and Gelation of Pectin in Methanolâ^'Water Mixtures. Biomacromolecules, 2003, 4, 1623-1629.	2.6	32
140	Shear-Induced Association and Gelation of Aqueous Solutions of Pectin. Journal of Physical Chemistry B, 2003, 107, 6324-6328.	1.2	54
141	Dynamics in aqueous solutions of poly(vinyl alcohol) and its hydrophobically modified anionic analogues. Polymer Bulletin, 2002, 49, 281-288.	1.7	5
142	Colloid Polymer Interactions and Aggregation in Aqueous Mixtures of Polystyrene Latex, Sodium Dodecyl Sulfate, and a Hydrophobically Modified Polymer:â€‰ A Dynamic Light Scattering Study. Langmuir, 2001, 17, 924-930.	1.6	21
143	Adsorption and Desorption of Unmodified and Hydrophobically Modified Ethyl(hydroxyethyl)cellulose on Polystyrene Latex Particles in the Presence of Ionic Surfactants Using Dynamic Light Scattering. Langmuir, 2000, 16, 4478-4484.	1.6	30
144	Effect of Surfactant on Dynamic and Viscoelastic Properties of Aqueous Solutions of Hydrophobically Modified Ethyl(hydroxyethyl)cellulose, with and without Spacer. Macromolecules, 2000, 33, 877-886.	2.2	42

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145	Dynamic light scattering on semidilute aqueous systems of ethyl (hydroxyethyl) cellulose. Effects of temperature, surfactant concentration, and salinity. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 1999, 149, 347-354.	2.3	23
146	Characterization of association phenomena in aqueous systems of chitosan of different hydrophobicity1Part of this paper was presented at the conference on `Associating Polymer', Fontevraud, France, November 1997.1. Advances in Colloid and Interface Science, 1999, 79, 81-103.	7.0	118
147	Association and Thermal Gelation in Aqueous Mixtures of Ethyl(hydroxyethyl)cellulose and Ionic Surfactant:Â FTIR and Raman Study. Macromolecules, 1999, 32, 1534-1540.	2.2	42
148	Salt-Induced Aggregation of Polystyrene Latex Particles in Aqueous Solutions of a Hydrophobically Modified Nonionic Cellulose Derivative and Its Unmodified Analogue. Journal of Physical Chemistry B, 1999, 103, 9818-9825.	1.2	25
149	Dynamics and Rheology in Aqueous Solutions of Associating Diblock and Triblock Copolymers of the Same Type. Journal of Physical Chemistry B, 1999, 103, 1425-1436.	1.2	43
150	Light Scattering and Viscoelasticity in Aqueous Mixtures of Oppositely Charged and Hydrophobically Modified Polyelectrolytes. Macromolecules, 1999, 32, 2974-2982.	2.2	69
151	Light Scattering Study of Semidilute Aqueous Systems of Chitosan and Hydrophobically Modified Chitosans. Macromolecules, 1998, 31, 8142-8148.	2.2	51
152	Dynamic Viscoelasticity of Gelling and Nongelling Aqueous Mixtures of Ethyl(hydroxyethyl)cellulose and an Ionic Surfactant. Macromolecules, 1998, 31, 1852-1858.	2.2	76
153	Effects of Temperature, Surfactant Concentration, and Salinity on the Dynamics of Dilute Solutions of a Nonionic Cellulose Derivative. Langmuir, 1998, 14, 5039-5045.	1.6	30
154	Diffusion of Poly(ethylene oxide) Chains in Gelling and Nongelling Aqueous Mixtures of Ethyl(hydroxyethyl)cellulose and a Surfactant by Pulsed Field Gradient NMR. Journal of Physical Chemistry B, 1997, 101, 8892-8897.	1.2	8
155	Dynamic Light Scattering of a Poly(ethylene oxide)â^'Poly(propylene oxide)â^'Poly(ethylene oxide) Triblock Copolymer in Water. Langmuir, 1997, 13, 4520-4526.	1.6	31
156	Viscosity of Dilute Aqueous Solutions of Hydrophobically Modified Chitosan and Its Unmodified Analogue at Different Conditions of Salt and Surfactant Concentrations. Langmuir, 1997, 13, 4948-4952.	1.6	67
157	Effect of surfactant concentration, pH, and shear rate on the rheological properties of aqueous systems of a hydrophobically modifed chitosan and its unmodified analogue. Polymer Bulletin, 1997, 38, 71-79.	1.7	27
158	Linear and nonlinear rheological responses in aqueous systems of hydrophobically modified chitosan and its unmodified analogue. Polymer Bulletin, 1997, 39, 747-754.	1.7	32
159	Effects of Polymer Concentration and Cross-Linking Density on Rheology of Chemically Cross-Linked Poly(vinyl alcohol) near the Gelation Threshold. Macromolecules, 1996, 29, 5215-5222.	2.2	125
160	Effects of Temperature, Surfactant, and Salt on the Rheological Behavior in Semidilute Aqueous Systems of a Nonionic Cellulose Ether. Langmuir, 1996, 12, 3233-3240.	1.6	56
161	Dynamic Light Scattering of Poly(vinyl alcohol) Solutions and Their Dynamical Behavior during the Chemical Gelation Process. Macromolecules, 1996, 29, 7116-7123.	2.2	46