

# Anna€“Lena KjÃ, nixsen

## List of Publications by Year in descending order

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161  
papers

5,654  
citations

66234

42  
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110170

64  
g-index

163  
all docs

163  
docs citations

163  
times ranked

5766  
citing authors

#	ARTICLE	IF	CITATIONS
1	Microencapsulated phase change materials for enhancing the thermal performance of Portland cement concrete and geopolymer concrete for passive building applications. <i>Energy Conversion and Management</i> , 2017, 133, 56-66.	4.4	222
2	Stability of Chitosan Nanoparticles Cross-Linked with Tripolyphosphate. <i>Biomacromolecules</i> , 2012, 13, 3747-3756.	2.6	187
3	Mechanical properties and microscale changes of geopolymer concrete and Portland cement concrete containing micro-encapsulated phase change materials. <i>Cement and Concrete Research</i> , 2017, 100, 341-349.	4.6	132
4	Effects of Polymer Concentration and Cross-Linking Density on Rheology of Chemically Cross-Linked Poly(vinyl alcohol) near the Gelation Threshold. <i>Macromolecules</i> , 1996, 29, 5215-5222.	2.2	125
5	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. <i>Advances in Colloid and Interface Science</i> , 1999, 79, 81-103.	7.0	118
6	Effect of freeze-thaw cycles on the mechanical behavior of geopolymer concrete and Portland cement concrete containing micro-encapsulated phase change materials. <i>Construction and Building Materials</i> , 2019, 200, 94-103.	3.2	117
7	Metallogels: Availability, Applicability, and Advanceability. <i>Advanced Materials</i> , 2019, 31, e1806204.	11.1	112
8	Thermal response of low molecular weight poly-(N-isopropylacrylamide) polymers in aqueous solution. <i>Polymer Bulletin</i> , 2009, 62, 487-502.	1.7	109
9	Effects of ionic strength on the size and compactness of chitosan nanoparticles. <i>Colloid and Polymer Science</i> , 2012, 290, 919-929.	1.0	109
10	Thermoresponsive Poly(2-oxazoline) Block Copolymers Exhibiting Two Cloud Points: Complex Multistep Assembly Behavior. <i>Macromolecules</i> , 2012, 45, 4337-4345.	2.2	95
11	Thermoreversible Gelation of Aqueous Mixtures of Pectin and Chitosan. <i>Rheology. Biomacromolecules</i> , 2003, 4, 337-343.	2.6	89
12	Rheological and Structural Properties of Aqueous Alginate during Gelation via the Ugi Multicomponent Condensation Reaction. <i>Biomacromolecules</i> , 2004, 5, 1470-1479.	2.6	86
13	Studies on pectin coating of liposomes for drug delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011, 88, 664-673.	2.5	83
14	Effect of pH on the Behavior of Hyaluronic Acid in Dilute and Semidilute Aqueous Solutions. <i>Macromolecular Symposia</i> , 2008, 274, 131-140.	0.4	78
15	Studies on pectin-coated liposomes and their interaction with mucin. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 103, 158-165.	2.5	77
16	Physical and mechanical properties of fly ash and slag geopolymer concrete containing different types of micro-encapsulated phase change materials. <i>Construction and Building Materials</i> , 2018, 173, 28-39.	3.2	77
17	Dynamic Viscoelasticity of Gelling and Nongelling Aqueous Mixtures of Ethyl(hydroxyethyl)cellulose and an Ionic Surfactant. <i>Macromolecules</i> , 1998, 31, 1852-1858.	2.2	76
18	Thermal analysis of multi-layer walls containing geopolymer concrete and phase change materials for building applications. <i>Energy</i> , 2019, 186, 115792.	4.5	71

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19	Friction in aqueous media tuned by temperature-responsive polymer layers. <i>Soft Matter</i> , 2010, 6, 2489.	1.2	70
20	Light Scattering and Viscoelasticity in Aqueous Mixtures of Oppositely Charged and Hydrophobically Modified Polyelectrolytes. <i>Macromolecules</i> , 1999, 32, 2974-2982.	2.2	69
21	Viscosity of Dilute Aqueous Solutions of Hydrophobically Modified Chitosan and Its Unmodified Analogue at Different Conditions of Salt and Surfactant Concentrations. <i>Langmuir</i> , 1997, 13, 4948-4952.	1.6	67
22	Association under shear flow in aqueous solutions of pectin. <i>European Polymer Journal</i> , 2005, 41, 761-770.	2.6	66
23	Altering Associations in Aqueous Solutions of a Hydrophobically Modified Alginate in the Presence of $\beta$ -Cyclodextrin Monomers. <i>Journal of Physical Chemistry B</i> , 2006, 110, 190-195.	1.2	66
24	Influence of microcapsule size and shell polarity on thermal and mechanical properties of thermoregulating geopolymers for passive building applications. <i>Energy Conversion and Management</i> , 2018, 164, 198-209.	4.4	65
25	Preparation of Ionically Cross-Linked Pectin Nanoparticles in the Presence of Chlorides of Divalent and Monovalent Cations. <i>Biomacromolecules</i> , 2013, 14, 3523-3531.	2.6	64
26	Association in Aqueous Solutions of a Thermoresponsive PVCL-g-C11EO42 Copolymer. <i>Macromolecules</i> , 2005, 38, 948-960.	2.2	63
27	Effects of Temperature and pH on the Contraction and Aggregation of Microgels in Aqueous Suspensions. <i>Journal of Physical Chemistry B</i> , 2009, 113, 11115-11123.	1.2	63
28	Modified polysaccharides for use in enhanced oil recovery applications. <i>European Polymer Journal</i> , 2008, 44, 959-967.	2.6	60
29	Interaction of unmodified and hydrophobically modified alginate with sodium dodecyl sulfate in dilute aqueous solution. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2006, 278, 166-174.	2.3	59
30	Effects of Surfactant and Temperature on Rheological and Structural Properties of Semidilute Aqueous Solutions of Unmodified and Hydrophobically Modified Alginate. <i>Langmuir</i> , 2005, 21, 10923-10930.	1.6	58
31	Effects of Temperature, Surfactant, and Salt on the Rheological Behavior in Semidilute Aqueous Systems of a Nonionic Cellulose Ether. <i>Langmuir</i> , 1996, 12, 3233-3240.	1.6	56
32	Temperature-Induced Formation and Contraction of Micelle-Like Aggregates in Aqueous Solutions of Thermoresponsive Short-Chain Copolymers. <i>Journal of Physical Chemistry B</i> , 2008, 112, 3294-3299.	1.2	56
33	Utilization of urea as an accessible superplasticizer on the moon for lunar geopolymer mixtures. <i>Journal of Cleaner Production</i> , 2020, 247, 119177.	4.6	56
34	Effect of pH on the association behavior in aqueous solutions of pig gastric mucin. <i>Carbohydrate Research</i> , 2008, 343, 328-340.	1.1	55
35	Shear-Induced Association and Gelation of Aqueous Solutions of Pectin. <i>Journal of Physical Chemistry B</i> , 2003, 107, 6324-6328.	1.2	54
36	Effects of pH on dynamics and rheology during association and gelation via the Ugi reaction of aqueous alginate. <i>European Polymer Journal</i> , 2005, 41, 1708-1717.	2.6	52

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37	Light Scattering Study of Semidilute Aqueous Systems of Chitosan and Hydrophobically Modified Chitosans. <i>Macromolecules</i> , 1998, 31, 8142-8148.	2.2	51
38	Anomalous Transition in Aqueous Solutions of a Thermoresponsive Amphiphilic Diblock Copolymer. <i>Journal of Physical Chemistry B</i> , 2007, 111, 10862-10870.	1.2	48
39	Rheological and Structural Characterization of the Interactions between Cyclodextrin Compounds and Hydrophobically Modified Alginate. <i>Biomacromolecules</i> , 2006, 7, 1871-1878.	2.6	47
40	Dynamic Light Scattering of Poly(vinyl alcohol) Solutions and Their Dynamical Behavior during the Chemical Gelation Process. <i>Macromolecules</i> , 1996, 29, 7116-7123.	2.2	46
41	Characterization of the chemical degradation of hyaluronic acid during chemical gelation in the presence of different cross-linker agents. <i>Carbohydrate Research</i> , 2007, 342, 2776-2792.	1.1	46
42	Thermal analysis of geopolymer concrete walls containing microencapsulated phase change materials for building applications. <i>Solar Energy</i> , 2019, 178, 295-307.	2.9	44
43	Dynamics and Rheology in Aqueous Solutions of Associating Diblock and Triblock Copolymers of the Same Type. <i>Journal of Physical Chemistry B</i> , 1999, 103, 1425-1436.	1.2	43
44	Temperature-Dependent Optical Properties of Gold Nanoparticles Coated with a Charged Diblock Copolymer and an Uncharged Triblock Copolymer. <i>ACS Nano</i> , 2010, 4, 1187-1201.	7.3	43
45	Progress in regulating electronic structure strategies on Cu-based bimetallic catalysts for CO <sub>2</sub> reduction reaction. , 2022, 1, 100055.		43
46	Association and Thermal Gelation in Aqueous Mixtures of Ethyl(hydroxyethyl)cellulose and Ionic Surfactant: FTIR and Raman Study. <i>Macromolecules</i> , 1999, 32, 1534-1540.	2.2	42
47	Effect of Surfactant on Dynamic and Viscoelastic Properties of Aqueous Solutions of Hydrophobically Modified Ethyl(hydroxyethyl)cellulose, with and without Spacer. <i>Macromolecules</i> , 2000, 33, 877-886.	2.2	42
48	Characterization of Interactions in Aqueous Solutions of Hydroxyethylcellulose and Its Hydrophobically Modified Analogue in the Presence of a Cyclodextrin Derivative. <i>Journal of Physical Chemistry B</i> , 2006, 110, 6601-6608.	1.2	42
49	Thermal performance and numerical simulation of geopolymer concrete containing different types of thermoregulating materials for passive building applications. <i>Energy and Buildings</i> , 2018, 173, 678-688.	3.1	41
50	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
51	Wearable Biofuel Cells: Advances from Fabrication to Application. <i>Advanced Functional Materials</i> , 2021, 31, 2103976.	7.8	38
52	Rheological and structural aspects on association of hydrophobically modified polysaccharides. <i>Soft Matter</i> , 2009, 5, 1328.	1.2	37
53	Effect of temperature on geopolymer and Portland cement composites modified with Micro-encapsulated Phase Change materials. <i>Construction and Building Materials</i> , 2020, 252, 119055.	3.2	37
54	Polymer coated liposomes for use in the oral cavity – a study of the <i>in vitro</i> toxicity, effect on cell permeability and interaction with mucin. <i>Journal of Liposome Research</i> , 2018, 28, 62-73.	1.5	36

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55	Temperature-Induced Intermicellization of "Hairy" and "Crew-Cut" Micelles in an Aqueous Solution of a Thermoresponsive Copolymer. <i>Langmuir</i> , 2008, 24, 14227-14233.	1.6	35
56	Temperature-responsive cationic block copolymers as nanocarriers for gene delivery. <i>International Journal of Pharmaceutics</i> , 2013, 448, 105-114.	2.6	35
57	Effects of Temperature and Salt Addition on the Association Behavior of Charged Amphiphilic Diblock Copolymers in Aqueous Solution. <i>Journal of Physical Chemistry B</i> , 2012, 116, 11386-11395.	1.2	34
58	Influence of Microcapsule Size and Shell Polarity on the Time-Dependent Viscosity of Geopolymer Paste. <i>Industrial &amp; Engineering Chemistry Research</i> , 2018, 57, 9457-9464.	1.8	34
59	Hydration development and thermal performance of calcium sulphoaluminate cements containing microencapsulated phase change materials. <i>Cement and Concrete Research</i> , 2020, 132, 106039.	4.6	34
60	Effect of microencapsulated phase change materials on the flow behavior of cement composites. <i>Construction and Building Materials</i> , 2019, 202, 353-362.	3.2	33
61	Linear and nonlinear rheological responses in aqueous systems of hydrophobically modified chitosan and its unmodified analogue. <i>Polymer Bulletin</i> , 1997, 39, 747-754.	1.7	32
62	Characterization of Association and Gelation of Pectin in Methanol-Water Mixtures. <i>Biomacromolecules</i> , 2003, 4, 1623-1629.	2.6	32
63	Structural and dynamical characterization of poly-gamma-glutamic acid-based cross-linked nanoparticles. <i>Colloid and Polymer Science</i> , 2008, 286, 365-376.	1.0	32
64	Dynamic Light Scattering of a Poly(ethylene oxide)-Poly(propylene oxide)-Poly(ethylene oxide) Triblock Copolymer in Water. <i>Langmuir</i> , 1997, 13, 4520-4526.	1.6	31
65	Effects of Temperature, Surfactant Concentration, and Salinity on the Dynamics of Dilute Solutions of a Nonionic Cellulose Derivative. <i>Langmuir</i> , 1998, 14, 5039-5045.	1.6	30
66	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. <i>Langmuir</i> , 2000, 16, 4478-4484.	1.6	30
67	Phase separation and structural properties of semidilute aqueous mixtures of ethyl(hydroxyethyl)cellulose and an ionic surfactant. <i>European Polymer Journal</i> , 2005, 41, 1954-1964.	2.6	30
68	Effect of Shear on Intramolecular and Intermolecular Association during Cross-Linking of Hydroxyethylcellulose in Dilute Aqueous Solutions. <i>Journal of Physical Chemistry B</i> , 2005, 109, 12329-12336.	1.2	30
69	Viscoelastic and structural properties of pharmaceutical hydrogels containing monocaprin. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2005, 59, 333-342.	2.0	30
70	Anomalous Viscosity Behavior in Aqueous Solutions of Hyaluronic Acid. <i>Polymer Bulletin</i> , 2007, 59, 217-226.	1.7	30
71	Characterization of polyelectrolyte features in polysaccharide systems and mucin. <i>Advances in Colloid and Interface Science</i> , 2010, 158, 108-118.	7.0	30
72	Temperature-induced association and gelation of aqueous solutions of pectin. A dynamic light scattering study. <i>European Polymer Journal</i> , 2004, 40, 2427-2435.	2.6	29

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73	Effects of the Quantity and Structure of Hydrophobes on the Properties of Hydrophobically Modified Alginates in Aqueous Solutions. <i>Polymer Bulletin</i> , 2006, 57, 563-574.	1.7	28
74	Effect of surfactant concentration, pH, and shear rate on the rheological properties of aqueous systems of a hydrophobically modified chitosan and its unmodified analogue. <i>Polymer Bulletin</i> , 1997, 38, 71-79.	1.7	27
75	Effects of Temperature and Salt Concentration on the Structural and Dynamical Features in Aqueous Solutions of Charged Triblock Copolymers. <i>Journal of Physical Chemistry B</i> , 2011, 115, 2125-2139.	1.2	27
76	Characterization of temperature-induced association in aqueous solutions of charged ABCBA-type pentablock tercopolymers. <i>Soft Matter</i> , 2011, 7, 1168-1175.	1.2	26
77	Thermoresponsive hydrogels with low toxicity from mixtures of ethyl(hydroxyethyl) cellulose and arginine-based surfactants. <i>International Journal of Pharmaceutics</i> , 2012, 436, 454-462.	2.6	26
78	Salt-Induced Aggregation of Polystyrene Latex Particles in Aqueous Solutions of a Hydrophobically Modified Nonionic Cellulose Derivative and Its Unmodified Analogue. <i>Journal of Physical Chemistry B</i> , 1999, 103, 9818-9825.	1.2	25
79	Structural and dynamical properties of aqueous mixtures of pectin and chitosan. <i>European Polymer Journal</i> , 2005, 41, 1718-1728.	2.6	25
80	Structure and dynamics of aqueous mixtures of an anionic cellulose derivative and anionic or cationic surfactants. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2006, 279, 40-49.	2.3	25
81	Interaction behaviors in aqueous solutions of negatively and positively charged hydrophobically modified hydroxyethylcellulose in the presence of an anionic surfactant. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2008, 328, 79-89.	2.3	25
82	Riboflavin-Photosensitized Changes in Aqueous Solutions of Alginate. <i>Rheological Studies. Biomacromolecules</i> , 2003, 4, 429-436.	2.6	24
83	Slow salt-induced aggregation of citrate-covered silver particles in aqueous solutions of cellulose derivatives. <i>Colloid and Polymer Science</i> , 2009, 287, 1391-1404.	1.0	24
84	Novel transition behavior in aqueous solutions of a charged thermoresponsive triblock copolymer. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2009, 333, 32-45.	2.3	24
85	Optical-scattering method for the determination of the local polymer concentration inside nanoparticles. <i>Physical Review E</i> , 2011, 84, 022401.	0.8	24
86	In vitro cytotoxicity of a thermoresponsive gel system combining ethyl(hydroxyethyl) cellulose and lysine-based surfactants. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 102, 682-686.	2.5	24
87	Salinity Gradient Energy from Expansion and Contraction of Poly(allylamine hydrochloride) Hydrogels. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 22218-22225.	4.0	24
88	Dynamic light scattering on semidilute aqueous systems of ethyl (hydroxyethyl) cellulose. Effects of temperature, surfactant concentration, and salinity. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1999, 149, 347-354.	2.3	23
89	Effect of Hydrophobic Modification on Rheological and Swelling Features during Chemical Gelation of Aqueous Polysaccharides. <i>Biomacromolecules</i> , 2007, 8, 719-728.	2.6	22
90	Nanoparticles formed by complexation of poly-gamma-glutamic acid with lead ions. <i>Journal of Hazardous Materials</i> , 2007, 153, 1185-92.	6.5	22

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91	Effects of Hofmeister anions on the flocculation behavior of temperature-responsive poly(N-isopropylacrylamide) microgels. <i>Colloid and Polymer Science</i> , 2012, 290, 1609-1616.	1.0	22
92	Stabilization of pluronic gels in the presence of different polysaccharides. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	1.3	22
93	Colloid Polymer Interactions and Aggregation in Aqueous Mixtures of Polystyrene Latex, Sodium Dodecyl Sulfate, and a Hydrophobically Modified Polymer: A Dynamic Light Scattering Study. <i>Langmuir</i> , 2001, 17, 924-930.	1.6	21
94	Characterization of interactions in aqueous mixtures of hydrophobically modified alginate and different types of surfactant. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2007, 293, 105-113.	2.3	21
95	Effect of polyethylene glycol (PEG) length on the association properties of temperature-sensitive amphiphilic triblock copolymers (PNIPAAm-b-PEGn-b-PNIPAAm) in aqueous solution. <i>Soft Matter</i> , 2011, 7, 8111.	1.2	21
96	Investigation of severe lunar environmental conditions on the physical and mechanical properties of lunar regolith geopolymers. <i>Journal of Materials Research and Technology</i> , 2021, 11, 1506-1516.	2.6	21
97	Rheological and structural properties of aqueous solutions of a hydrophobically modified polyelectrolyte and its unmodified analogue. <i>European Polymer Journal</i> , 2004, 40, 721-733.	2.6	20
98	Rheological properties of pH-induced association and gelation of pectin. <i>Polymer Bulletin</i> , 2006, 56, 239-246.	1.7	20
99	Preparation and characterization of cross-linked polymeric nanoparticles for enhanced oil recovery applications. <i>Journal of Applied Polymer Science</i> , 2009, 113, 1916-1924.	1.3	20
100	Viscosification in Polymer-Surfactant Mixtures at Low Temperatures. <i>Journal of Physical Chemistry B</i> , 2010, 114, 6273-6280.	1.2	20
101	Dynamical and structural behavior of hydroxyethylcellulose hydrogels obtained by chemical gelation. <i>Polymer International</i> , 2006, 55, 365-374.	1.6	19
102	Structure and Interactions of Charged Triblock Copolymers Studied by Small-Angle X-ray Scattering: Dependence on Temperature and Charge Screening. <i>Langmuir</i> , 2012, 28, 1105-1114.	1.6	19
103	Small-Angle X-ray Scattering Studies of Thermoresponsive Poly(N-isopropylacrylamide) Star Polymers in Water. <i>Macromolecules</i> , 2015, 48, 2235-2243.	2.2	19
104	Flame retardancy of rigid polyurethane foams containing thermoregulating microcapsules with phosphazene-based monomers. <i>Journal of Materials Science</i> , 2021, 56, 1172-1188.	1.7	19
105	Effects of $\beta$ -cyclodextrin and $\beta$ -cyclodextrin polymer addition and temperature on the modulation of hydrophobic interactions in aqueous solutions of two hydrophobically modified biopolymers. <i>Journal of Non-Crystalline Solids</i> , 2007, 353, 3906-3914.	1.5	18
106	Temperature-Induced Flocculation of Gold Particles with an Adsorbed Thermoresponsive Cationic Copolymer. <i>Journal of Physical Chemistry C</i> , 2010, 114, 21960-21968.	1.5	18
107	Characterization of Gelation of Aqueous Pectin via the Ugi Multicomponent Condensation Reaction. <i>Polymer Bulletin</i> , 2006, 56, 579-589.	1.7	16
108	Effect of temperature on the rheological behavior of a new aqueous liquid crystal bio-lubricant. <i>Journal of Molecular Liquids</i> , 2020, 301, 112406.	2.3	16



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109	Rheological characterization and turbidity of riboflavin-photosensitized changes in alginate/GDL systems. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2005, 59, 501-510.	2.0	15
110	Temperature-induced intermicellization and contraction in aqueous mixtures of sodium dodecyl sulfate and an amphiphilic diblock copolymer. <i>Journal of Colloid and Interface Science</i> , 2008, 326, 76-88.	5.0	15
111	Single-Molecule Behavior of Asymmetric Thermoresponsive Amphiphilic Copolymers in Dilute Solution. <i>Journal of Physical Chemistry B</i> , 2010, 114, 8887-8893.	1.2	15
112	Equilibrium adsorption of polyvinylpyrrolidone and its role on thermoregulating microcapsules synthesis process. <i>Colloid and Polymer Science</i> , 2017, 295, 783-792.	1.0	15
113	Rheological and thermal properties of suspensions of microcapsules containing phase change materials. <i>Colloid and Polymer Science</i> , 2018, 296, 981-988.	1.0	15
114	Effects of $\beta$ -Cyclodextrin Addition and Temperature on the Modulation of Hydrophobic Interactions in Aqueous Solutions of an Associative Alginate. <i>Biomacromolecules</i> , 2005, 6, 3129-3136.	2.6	14
115	Physical Properties of Aqueous Solutions of a Thermo-Responsive Neutral Copolymer and an Anionic Surfactant: Turbidity and Small-Angle Neutron Scattering Studies. <i>Langmuir</i> , 2005, 21, 8010-8018.	1.6	14
116	The effect of riboflavin-photoinduced degradation of alginate matrices on the diffusion of poly(oxyethylene) probes in the polymer network. <i>European Polymer Journal</i> , 2006, 42, 3050-3058.	2.6	14
117	Small-Angle X-ray Scattering Study of Charged Triblock Copolymers as a Function of Polymer Concentration, Temperature, and Charge Screening. <i>Macromolecules</i> , 2012, 45, 246-255.	2.2	14
118	Temperature-Induced Aggregation Kinetics in Aqueous Solutions of a Temperature-Sensitive Amphiphilic Block Copolymer. <i>Journal of Physical Chemistry B</i> , 2011, 115, 8975-8980.	1.2	13
119	Temperature-responsive self-assembly of charged and uncharged hydroxyethylcellulose-graft-poly(N-isopropylacrylamide) copolymer in aqueous solution. <i>Colloid and Polymer Science</i> , 2011, 289, 993-1003.	1.0	13
120	Sustained Release of Naltrexone from Poly(N-isopropylacrylamide) Microgels. <i>Journal of Pharmaceutical Sciences</i> , 2014, 103, 227-234.	1.6	13
121	The effect of microencapsulated phase change materials on the rheology of geopolymer and Portland cement mortars. <i>Journal of the American Ceramic Society</i> , 2020, 103, 5852-5869.	1.9	13
122	Intramolecular and Intermolecular Association during Chemical Cross-Linking of Dilute Solutions of Different Polysaccharides under the Influence of Shear Flow. <i>Journal of Physical Chemistry B</i> , 2008, 112, 1082-1089.	1.2	12
123	Interactions between ethyl(hydroxyethyl) cellulose and lysine-based surfactants in aqueous media. <i>European Polymer Journal</i> , 2012, 48, 1622-1631.	2.6	12
124	Recovered Energy from Salinity Gradients Utilizing Various Poly(Acrylic Acid)-Based Hydrogels. <i>Polymers</i> , 2021, 13, 645.	2.0	12
125	Characterization of Thermally Sensitive Interactions in Aqueous Mixtures of Hydrophobically Modified Hydroxyethylcellulose and Cyclodextrins. <i>Langmuir</i> , 2006, 22, 9023-9029.	1.6	11
126	Brownian dynamics simulation of reversible polymer networks using a non-interacting bead-and-spring chain model. <i>Journal of Non-Newtonian Fluid Mechanics</i> , 2007, 146, 3-10.	1.0	11



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127	Characterization of complexation and phase behavior of mixed systems of unmodified and hydrophobically modified oppositely charged polyelectrolytes. <i>Colloid and Polymer Science</i> , 2010, 288, 1121-1130.	1.0	11
128	Cationic Poly( <i>N</i> -isopropylacrylamide) Block Copolymer Adsorption Investigated by Dual Polarization Interferometry and Lattice Mean-Field Theory. <i>Langmuir</i> , 2012, 28, 14028-14038.	1.6	11
129	Predicting microcapsules morphology and encapsulation efficiency by combining the spreading coefficient theory and polar surface energy component. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 554, 49-59.	2.3	11
130	Complex coacervate micelles formed by a C18-capped cationic triblock thermoresponsive copolymer interacting with SDS. <i>Soft Matter</i> , 2012, 8, 11514.	1.2	10
131	Effect of solvent composition on the association behavior of pectin in methanol-water mixtures. <i>European Polymer Journal</i> , 2006, 42, 1164-1172.	2.6	9
132	The role of radical polymerization in the production of thermoregulating microcapsules or polymers from saturated and unsaturated fatty acids. <i>Journal of Applied Polymer Science</i> , 2018, 135, 45970.	1.3	9
133	Diffusion of Poly(ethylene oxide) Chains in Gelling and Nongelling Aqueous Mixtures of Ethyl(hydroxyethyl)cellulose and a Surfactant by Pulsed Field Gradient NMR. <i>Journal of Physical Chemistry B</i> , 1997, 101, 8892-8897.	1.2	8
134	Rheological Characterization of Photochemical Changes of Ethyl(hydroxyethyl)cellulose Dissolved in Water in the Presence of an Ionic Surfactant and a Photosensitizer. <i>Biomacromolecules</i> , 2004, 5, 610-617.	2.6	8
135	Characterization of temperature induced changes in liposomes coated with poly( N ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 42	5.0	8
136	The accurate diffusive model for predicting the vapor pressure of phase change materials by thermogravimetric analysis. <i>Thermochimica Acta</i> , 2019, 676, 64-70.	1.2	8
137	Complex Temperature and Concentration Dependent Self-Assembly of Poly(2-oxazoline) Block Copolymers. <i>Polymers</i> , 2020, 12, 1495.	2.0	8
138	Synthesis and antimicrobial activities of chitosan/polypropylene carbonate-based nanoparticles. <i>RSC Advances</i> , 2021, 11, 10121-10129.	1.7	8
139	Microparticles based on hydrophobically modified chitosan as drug carriers. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	1.3	7
140	Time-dependent structural breakdown of microencapsulated phase change materials suspensions. <i>Journal of Dispersion Science and Technology</i> , 2019, 40, 179-185.	1.3	7
141	The Effect of Number of Arms on the Aggregation Behavior of Thermoresponsive Poly( N ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	1.0	7
142	Influence of concentration and molecular weight on the photosensitized degradation of alginate in aqueous solutions. <i>Polymer Bulletin</i> , 2003, 50, 373-380.	1.7	6
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