

AnnaLena Kjnixsen

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161
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163
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ext. citations

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avg, IF

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L-index

#	Paper	IF	Citations
161	Stability of chitosan nanoparticles cross-linked with tripolyphosphate. <i>Biomacromolecules</i> , 2012 , 13, 3747-56	10.6	154
160	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	10.6	144
159	Characterization of association phenomena in aqueous systems of chitosan of different hydrophobicity 1Part 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	14.3	114
158	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	5.5	105
157	Thermal response of low molecular weight poly-(N-isopropylacrylamide) polymers in aqueous solution. <i>Polymer Bulletin</i> , 2009 , 62, 487-502	2.4	98
156	Effects of ionic strength on the size and compactness of chitosan nanoparticles. <i>Colloid and Polymer Science</i> , 2012 , 290, 919-929	2.4	94
155	Thermoresponsive Poly(2-oxazoline) Block Copolymers Exhibiting Two Cloud Points: Complex Multistep Assembly Behavior. <i>Macromolecules</i> , 2012 , 45, 4337-4345	5.5	87
154	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	10.3	84
153	Thermoreversible gelation of aqueous mixtures of pectin and chitosan. Rheology. <i>Biomacromolecules</i> , 2003 , 4, 337-43	6.9	80
152	Rheological and structural properties of aqueous alginate during gelation via the Ugi multicomponent condensation reaction. <i>Biomacromolecules</i> , 2004 , 5, 1470-9	6.9	77
151	Dynamic Viscoelasticity of Gelling and Nongelling Aqueous Mixtures of Ethyl(hydroxyethyl)cellulose and an Ionic Surfactant. <i>Macromolecules</i> , 1998 , 31, 1852-1858	5.5	74
150	Metallogels: Availability, Applicability, and Advanceability. <i>Advanced Materials</i> , 2019 , 31, e1806204	24	72
149	Studies on pectin coating of liposomes for drug delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011 , 88, 664-73	6	69
148	Friction in aqueous media tuned by temperature-responsive polymer layers. <i>Soft Matter</i> , 2010 , 6, 2489	3.6	66
147	Light Scattering and Viscoelasticity in Aqueous Mixtures of Oppositely Charged and Hydrophobically Modified Polyelectrolytes. <i>Macromolecules</i> , 1999 , 32, 2974-2982	5.5	62
146	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	4	61
145	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	6.7	61

144	Association in Aqueous Solutions of a Thermoresponsive PVCL-g-C11EO42 Copolymer. <i>Macromolecules</i> , 2005 , 38, 948-960	5.5	59
143	Association under shear flow in aqueous solutions of pectin. <i>European Polymer Journal</i> , 2005 , 41, 761-770	2	59
142	Studies on pectin-coated liposomes and their interaction with mucin. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013 , 103, 158-65	6	56
141	Effects of temperature and pH on the contraction and aggregation of microgels in aqueous suspensions. <i>Journal of Physical Chemistry B</i> , 2009 , 113, 11115-23	3.4	56
140	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, 190-5	3.4	55
139	Preparation of ionically cross-linked pectin nanoparticles in the presence of chlorides of divalent and monovalent cations. <i>Biomacromolecules</i> , 2013 , 14, 3523-31	6.9	54
138	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, 10923-30	4	54
137	Modified polysaccharides for use in enhanced oil recovery applications. <i>European Polymer Journal</i> , 2008 , 44, 959-967	5.2	52
136	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	5.1	52
135	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	4	51
134	Effect of pH on the Behavior of Hyaluronic Acid in Dilute and Semidilute Aqueous Solutions. <i>Macromolecular Symposia</i> , 2008 , 274, 131-140	0.8	50
133	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	6.7	48
132	Light Scattering Study of Semidilute Aqueous Systems of Chitosan and Hydrophobically Modified Chitosans. <i>Macromolecules</i> , 1998 , 31, 8142-8148	5.5	48
131	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, 3294-9	3.4	48
130	Effect of pH on the association behavior in aqueous solutions of pig gastric mucin. <i>Carbohydrate Research</i> , 2008 , 343, 328-40	2.9	48
129	Anomalous transition in aqueous solutions of a thermoresponsive amphiphilic diblock copolymer. <i>Journal of Physical Chemistry B</i> , 2007 , 111, 10862-70	3.4	48
128	Shear-Induced Association and Gelation of Aqueous Solutions of Pectin. <i>Journal of Physical Chemistry B</i> , 2003 , 107, 6324-6328	3.4	48
127	Rheological and structural characterization of the interactions between cyclodextrin compounds and hydrophobically modified alginate. <i>Biomacromolecules</i> , 2006 , 7, 1871-8	6.9	45

126	Influence of microcapsule size and shell polarity on thermal and mechanical properties of thermoregulating geopolymer concrete for passive building applications. <i>Energy Conversion and Management</i> , 2018 , 164, 198-209	10.6	42
125	Dynamic Light Scattering of Poly(vinyl alcohol) Solutions and Their Dynamical Behavior during the Chemical Gelation Process. <i>Macromolecules</i> , 1996 , 29, 7116-7123	5.5	41
124	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, 6601-8	3.4	40
123	Thermal analysis of multi-layer walls containing geopolymer concrete and phase change materials for building applications. <i>Energy</i> , 2019 , 186, 115792	7.9	39
122	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	5.5	39
121	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	3.4	39
120	Temperature-dependent optical properties of gold nanoparticles coated with a charged diblock copolymer and an uncharged triblock copolymer. <i>ACS Nano</i> , 2010 , 4, 1187-201	16.7	38
119	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	5.2	38
118	Rheological and structural aspects on association of hydrophobically modified polysaccharides. <i>Soft Matter</i> , 2009 , 5, 1328	3.6	37
117	Characterisation of thermally controlled chain association in aqueous solutions of poly(N-isopropyl acrylamide)-g-poly(ethylene oxide). <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2003 , 228, 75-83	5.1	37
116	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, 2776-92	2.9	35
115	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	5.5	35
114	Temperature-induced intermicellization of "hairy" and "crew-cut" micelles in an aqueous solution of a thermoresponsive copolymer. <i>Langmuir</i> , 2008 , 24, 14227-33	4	32
113	Linear and nonlinear rheological responses in aqueous systems of hydrophobically modified chitosan and its unmodified analogue. <i>Polymer Bulletin</i> , 1997 , 39, 747-754	2.4	31
112	Structural and dynamical characterization of poly-gamma-glutamic acid-based cross-linked nanoparticles. <i>Colloid and Polymer Science</i> , 2008 , 286, 365-376	2.4	31
111	Characterization of association and gelation of pectin in methanol-water mixtures. <i>Biomacromolecules</i> , 2003 , 4, 1623-9	6.9	31
110	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, 11386-95	3.4	30
109	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	4	30

108	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	4	30
107	Temperature-responsive cationic block copolymers as nanocarriers for gene delivery. <i>International Journal of Pharmaceutics</i> , 2013 , 448, 105-14	6.5	29
106	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	5.2	28
105	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	2.4	27
104	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	2.4	27
103	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	4	26
102	Viscoelastic and structural properties of pharmaceutical hydrogels containing monocaprin. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2005 , 59, 333-42	5.7	26
101	Temperature-induced association and gelation of aqueous solutions of pectin. A dynamic light scattering study. <i>European Polymer Journal</i> , 2004 , 40, 2427-2435	5.2	26
100	Characterization of temperature-induced association in aqueous solutions of charged ABCBA-type pentablock tercopolymers. <i>Soft Matter</i> , 2011 , 7, 1168-1175	3.6	25
99	Anomalous Viscosity Behavior in Aqueous Solutions of Hyaluronic Acid. <i>Polymer Bulletin</i> , 2007 , 59, 217-226		25
98	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	3.4	25
97	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, 2125-39	3.4	24
96	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	5.1	24
95	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, 12329-36	3.4	24
94	Thermal analysis of geopolymer concrete walls containing microencapsulated phase change materials for building applications. <i>Solar Energy</i> , 2019 , 178, 295-307	6.8	24
93	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	7	24
92	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, 682-6	6	23
91	Optical-scattering method for the determination of the local polymer concentration inside nanoparticles. <i>Physical Review E</i> , 2011 , 84, 022401	2.4	23

90	Structural and dynamical properties of aqueous mixtures of pectin and chitosan. <i>European Polymer Journal</i> , 2005 , 41, 1718-1728	5.2	23
89	Influence of Microcapsule Size and Shell Polarity on the Time-Dependent Viscosity of Geopolymer Paste. <i>Industrial & Engineering Chemistry Research</i> , 2018 , 57, 9457-9464	3.9	23
88	Thermoresponsive hydrogels with low toxicity from mixtures of ethyl(hydroxyethyl) cellulose and arginine-based surfactants. <i>International Journal of Pharmaceutics</i> , 2012 , 436, 454-62	6.5	22
87	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	2.4	22
86	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	5.1	22
85	Characterization of polyelectrolyte features in polysaccharide systems and mucin. <i>Advances in Colloid and Interface Science</i> , 2010 , 158, 108-18	14.3	22
84	Effect of hydrophobic modification on rheological and swelling features during chemical gelation of aqueous polysaccharides. <i>Biomacromolecules</i> , 2007 , 8, 719-28	6.9	22
83	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	5.1	22
82	Nanoparticles formed by complexation of poly-gamma-glutamic acid with lead ions. <i>Journal of Hazardous Materials</i> , 2008 , 153, 1185-92	12.8	21
81	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	5.1	21
80	Polymer coated liposomes for use in the oral cavity - a study of the in vitro toxicity, effect on cell permeability and interaction with mucin. <i>Journal of Liposome Research</i> , 2018 , 28, 62-73	6.1	20
79	Viscosification in polymer-surfactant mixtures at low temperatures. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 6273-80	3.4	20
78	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	5.2	20
77	Riboflavin-photosensitized changes in aqueous solutions of alginate. Rheological studies. <i>Biomacromolecules</i> , 2003 , 4, 429-36	6.9	20
76	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	4	20
75	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	5.1	19
74	Utilization of urea as an accessible superplasticizer on the moon for lunar geopolymer mixtures. <i>Journal of Cleaner Production</i> , 2020 , 247, 119177	10.3	19
73	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	2.4	18

72	Effect of microencapsulated phase change materials on the flow behavior of cement composites. <i>Construction and Building Materials</i> , 2019 , 202, 353-362	6.7	17
71	Small-Angle X-ray Scattering Studies of Thermoresponsive Poly(N-isopropylacrylamide) Star Polymers in Water. <i>Macromolecules</i> , 2015 , 48, 2235-2243	5.5	17
70	Temperature-Induced Flocculation of Gold Particles with an Adsorbed Thermoresponsive Cationic Copolymer. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 21960-21968	3.8	17
69	Rheological properties of pH-induced association and gelation of pectin. <i>Polymer Bulletin</i> , 2006 , 56, 239-246	17	
68	Effects of Cyclodextrin and 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	3.9	17
67	Dynamical and structural behavior of hydroxyethylcellulose hydrogels obtained by chemical gelation. <i>Polymer International</i> , 2006 , 55, 365-374	3.3	17
66	Salinity Gradient Energy from Expansion and Contraction of Poly(allylamine hydrochloride) Hydrogels. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 22218-22225	9.5	16
65	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	3.6	16
64	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	9.3	15
63	Hydration development and thermal performance of calcium sulphoaluminate cements containing microencapsulated phase change materials. <i>Cement and Concrete Research</i> , 2020 , 132, 106039	10.3	14
62	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, 1105-14	4	14
61	Single-molecule behavior of asymmetric thermoresponsive amphiphilic copolymers in dilute solution. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 8887-93	3.4	14
60	Rheological characterization and turbidity of riboflavin-photosensitized changes in alginate/GDL systems. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2005 , 59, 501-10	5.7	14
59	Stabilization of pluronic gels in the presence of different polysaccharides. <i>Journal of Applied Polymer Science</i> , 2014 , 131, n/a-n/a	2.9	13
58	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	2.4	13
57	Preparation and characterization of cross-linked polymeric nanoparticles for enhanced oil recovery applications. <i>Journal of Applied Polymer Science</i> , 2009 , 113, 1916-1924	2.9	13
56	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, 3129-36	6.9	13
55	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, 8010-8	4	13

54	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	6.7	12
53	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	5.5	12
52	Interactions between ethyl(hydroxyethyl) cellulose and lysine-based surfactants in aqueous media. <i>European Polymer Journal</i> , 2012 , 48, 1622-1631	5.2	12
51	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	5.2	12
50	Effect of temperature on the rheological behavior of a new aqueous liquid crystal bio-lubricant. <i>Journal of Molecular Liquids</i> , 2020 , 301, 112406	6	12
49	Wearable Biofuel Cells: Advances from Fabrication to Application. <i>Advanced Functional Materials</i> , 2019 , 29, 1806066	5.6	12
48	Equilibrium adsorption of polyvinylpyrrolidone and its role on thermoregulating microcapsules synthesis process. <i>Colloid and Polymer Science</i> , 2017 , 295, 783-792	2.4	11
47	Rheological and thermal properties of suspensions of microcapsules containing phase change materials. <i>Colloid and Polymer Science</i> , 2018 , 296, 981-988	2.4	11
46	Temperature-induced aggregation kinetics in aqueous solutions of a temperature-sensitive amphiphilic block copolymer. <i>Journal of Physical Chemistry B</i> , 2011 , 115, 8975-80	3.4	11
45	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	2.4	11
44	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, 1082-9	3.4	11
43	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	2.7	11
42	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	3.8	10
41	Sustained release of naltrexone from poly(n-isopropylacrylamide) microgels. <i>Journal of Pharmaceutical Sciences</i> , 2014 , 103, 227-34	3.9	10
40	Cationic poly(N-isopropylacrylamide) block copolymer adsorption investigated by dual polarization interferometry and lattice mean-field theory. <i>Langmuir</i> , 2012 , 28, 14028-38	4	10
39	Complex coacervate micelles formed by a C18-capped cationic triblock thermoresponsive copolymer interacting with SDS. <i>Soft Matter</i> , 2012 , 8, 11514	3.6	10
38	Characterization of Gelation of Aqueous Pectin via the Ugi Multicomponent Condensation Reaction. <i>Polymer Bulletin</i> , 2006 , 56, 579-589	2.4	10
37	Characterization of thermally sensitive interactions in aqueous mixtures of hydrophobically modified hydroxyethylcellulose and cyclodextrins. <i>Langmuir</i> , 2006 , 22, 9023-9	4	10

36	Effect of solvent composition on the association behavior of pectin in methanol/water mixtures. <i>European Polymer Journal</i> , 2006 , 42, 1164-1172	5.2	9
35	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	3.4	8
34	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, 610-7	6.9	8
33	Characterization of temperature induced changes in liposomes coated with poly(N-isopropylacrylamide-co-methacrylic acid). <i>Journal of Colloid and Interface Science</i> , 2015 , 450, 7-16	9.3	7
32	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	5.1	7
31	Microparticles based on hydrophobically modified chitosan as drug carriers. <i>Journal of Applied Polymer Science</i> , 2014 , 131, n/a-n/a	2.9	7
30	Flame retardancy of rigid polyurethane foams containing thermoregulating microcapsules with phosphazene-based monomers. <i>Journal of Materials Science</i> , 2021 , 56, 1172-1188	4.3	7
29	The accurate diffusive model for predicting the vapor pressure of phase change materials by thermogravimetric analysis. <i>Thermochimica Acta</i> , 2019 , 676, 64-70	2.9	6
28	Stabilization of Pluronic Gels by Hydrophobically Modified Hydroxyethylcellulose. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2015 , 64, 76-83	3	6
27	Adsorption of cationic hydroxyethylcellulose derivatives onto planar and curved gold surfaces. <i>Langmuir</i> , 2010 , 26, 15925-32	4	6
26	Gold Nanoparticles Affect Thermoresponse and Aggregation Properties of Mesoscopic Immunoglobulin G Clusters. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 11390-11399	3.8	6
25	Time-dependent structural breakdown of microencapsulated phase change materials suspensions. <i>Journal of Dispersion Science and Technology</i> , 2019 , 40, 179-185	1.5	6
24	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	2.9	6
23	Temperature-induced adsorption and optical properties of an amphiphilic diblock copolymer adsorbed onto flat and curved silver surfaces. <i>Journal of Colloid and Interface Science</i> , 2010 , 342, 142-6	9.3	5
22	Shrinking of Chemically Cross-Linked Polymer Networks in the Postgel Region. <i>Polymer Bulletin</i> , 2007 , 58, 435-445	2.4	5
21	Dynamics in aqueous solutions of poly(vinyl alcohol) and its hydrophobically modified anionic analogues. <i>Polymer Bulletin</i> , 2002 , 49, 281-288	2.4	5
20	Influence of concentration and molecular weight on the photosensitized degradation of alginate in aqueous solutions. <i>Polymer Bulletin</i> , 2003 , 50, 373-380	2.4	5
19	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	5.5	5

18	The Effect of Number of Arms on the Aggregation Behavior of Thermoresponsive Poly(N-isopropylacrylamide) Star Polymers. <i>ChemPhysChem</i> , 2020 , 21, 1258-1271	3-2	4
17	Temperature effects on the stability of gold nanoparticles in the presence of a cationic thermoresponsive copolymer. <i>Journal of Nanoparticle Research</i> , 2016 , 18, 1	2-3	4
16	Characterization of low molecular mass thermosensitive diblock copolymers and their self-assembly by means of analytical ultracentrifugation. <i>Colloid and Polymer Science</i> , 2012 , 290, 297-306	2-4	4
15	Influence of poly(ethylene glycol) block length on the adsorption of thermoresponsive copolymers onto gold surfaces. <i>Journal of Materials Science</i> , 2013 , 48, 7055-7062	4-3	4
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13	Characterization of riboflavin-photosensitized changes in aqueous solutions of alginate by dynamic light scattering. <i>Macromolecular Bioscience</i> , 2004 , 4, 76-83	5-5	4
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