BjÃ¶rn Lindman

List of Publications by Year
in descending order

165 papers	7,590 citations	38742 50 h-index	66911 78 g-index
167 all docs	167 docs citations	167 times ranked	6510 citing authors

#	Article	IF	Citations
1	On the mechanism of dissolution of cellulose. Journal of Molecular Liquids, 2010, 156, 76-81.	4.9	609
2	Rationalizing cellulose (in)solubility: reviewing basic physicochemical aspects and role of hydrophobic interactions. Cellulose, 2012, 19, 581-587.	4.9	437
3	Competing forces during cellulose dissolution: From solvents to mechanisms. Current Opinion in Colloid and Interface Science, 2014, 19, 32-40.	7.4	259
4	DNA Phase Behavior in the Presence of Oppositely Charged Surfactants. Langmuir, 2000, 16, 9577-9583.	3.5	196
5	Phase Behavior of Single DNA in Mixed Solvents. Journal of the American Chemical Society, 1999, 121, 1130-1136.	13.7	128
6	DNAâˆ'Cationic Surfactant Interactions Are Different for Double- and Single-Stranded DNA. Biomacromolecules, 2005, 6, 2164-2171.	5.4	127
7	Evolution in Structural Polymorphism of Pluronic F127 Poly(ethylene oxide)âˆ'Poly(propylene oxide) Block Copolymer in Ternary Systems with Water and Pharmaceutically Acceptable Organic Solvents:Â From â€œGlycolsâ€•to â€œOilsâ€â€. Langmuir, 2000, 16, 9058-9069.	3.5	121
8	Polymerâˆ'Surfactant Interactions in Dilute Mixtures of a Nonionic Cellulose Derivative and an Anionic Surfactant. Langmuir, 2001, 17, 28-34.	3.5	120
9	Effect of Glycols on the Self-Assembly of Amphiphilic Block Copolymers in Water. 1. Phase Diagrams and Structure Identification. Langmuir, 2000, 16, 3660-3675.	3.5	118
10	Coilâˆ'Globule Transition of DNA Molecules Induced by Cationic Surfactants:Â A Dynamic Light Scattering Study. Journal of Physical Chemistry B, 2005, 109, 10458-10463.	2.6	111
11	Interactions between Catanionic Vesicles and Oppositely Charged PolyelectrolytesPhase Behavior and Phase Structure. Macromolecules, 1999, 32, 6626-6637.	4.8	107
12	DNA Interaction with Catanionic Vesicles. Journal of Physical Chemistry B, 2002, 106, 12600-12607.	2.6	104
13	Preparation of Calcium Alginate Nanoparticles Using Water-in-Oil (W/O) Nanoemulsions. Langmuir, 2012, 28, 4131-4141.	3.5	103
14	Compaction and Decompaction of DNA in the Presence of Catanionic Amphiphile Mixtures. Journal of Physical Chemistry B, 2002, 106, 12608-12612.	2.6	100
15	Effect of Glycols on the Self-Assembly of Amphiphilic Block Copolymers in Water. 2. Glycol Location in the Microstructure. Langmuir, 2000, 16, 3676-3689.	3.5	94
16	Effect of Pharmaceutically Acceptable Glycols on the Stability of the Liquid Crystalline Gels Formed by Poloxamer 407 in Water. Journal of Colloid and Interface Science, 2002, 252, 226-235.	9.4	94
17	On the importance of hydroxyl groups in the polar head-group of nonionic surfactants and membrane lipids. Advances in Colloid and Interface Science, 1996, 64, 253-271.	14.7	89
18	Interaction between DNA and Cationic Surfactants: Effect of DNA Conformation and Surfactant Headgroup. Journal of Physical Chemistry B, 2008, 112, 14446-14452.	2.6	88

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19	Phase Separation in Polyelectrolyte Gels Interacting with Surfactants of Opposite Charge. Journal of Physical Chemistry B, 2002, 106, 9777-9793.	2.6	86
20	Modeling of DNA compaction by polycations. Journal of Chemical Physics, 2003, 119, 8150-8157.	3.0	82
21	Spontaneous Formation of Vesicles and Dispersed Cubic and Hexagonal Particles in Amino Acid-Based Catanionic Surfactant Systems. Langmuir, 2006, 22, 5588-5596.	3.5	81
22	Effect of Headgroup on DNAâˆ'Cationic Surfactant Interactionsâ€. Journal of Physical Chemistry B, 2007, 111, 8502-8508.	2.6	81
23	Network Formation of Catanionic Vesicles and Oppositely Charged Polyelectrolytes. Effect of Polymer Charge Density and Hydrophobic Modification. Langmuir, 2004, 20, 4647-4656.	3.5	80
24	DNA conformational dynamics in the presence of catanionic mixtures. FEBS Letters, 1999, 453, 113-118.	2.8	79
25	Interaction between ethyl(hydroxyethyl)cellulose and sodium dodecyl sulphate in aqueous solution. Colloid and Polymer Science, 1988, 266, 1031-1036.	2.1	75
26	Cyclodextrin-grafted cellulose: Physico-chemical characterization. Carbohydrate Polymers, 2013, 93, 324-330.	10.2	73
27	pH-Controlled DNA Condensation in the Presence of Dodecyldimethylamine Oxide. Langmuir, 2000, 16, 5871-5878.	3.5	71
28	Clouding of nonionic surfactants. Current Opinion in Colloid and Interface Science, 2016, 22, 23-29.	7.4	70
29	Adsorption of Cationic Cellulose Derivatives/Anionic Surfactant Complexes onto Solid Surfaces. I. Silica Surfaces. Langmuir, 2004, 20, 1753-1762.	3.5	66
30	Vesicle-Templated Layer-by-Layer Assembly for the Production of Nanocapsules. Langmuir, 2010, 26, 10555-10560.	3.5	65
31	Extraordinarily Efficient Conduction in a Redoxâ€Active Ionic Liquid. ChemPhysChem, 2011, 12, 145-149.	2.1	65
32	Polyelectrolyte-surfactant associationâ€"from fundamentals to applications. Colloid Journal, 2014, 76, 585-594.	1.3	65
33	Microemulsions in amphiphilic and polymer-surfactant systems. Colloid and Polymer Science, 1996, 274, 297-308.	2.1	64
34	Mechanism of formation of DNAâ€"cationic vesicle complexes. Faraday Discussions, 2003, 122, 191-201.	3.2	64
35	Adsorption of Cationic Cellulose Derivative/Anionic Surfactant Complexes onto Solid Surfaces. II. Hydrophobized Silica Surfaces. Langmuir, 2004, 20, 6692-6701.	3.5	63
36	DNA Compaction by cationic surfactant in solution and at polystyrene particle solution interfaces: a dynamic light scattering study. Physical Chemistry Chemical Physics, 2004, 6, 1603-1607.	2.8	63

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37	Surface Complexation of DNA with Insoluble Monolayers. Influence of Divalent Counterions. Langmuir, 2005, 21, 1900-1907.	3.5	61
38	Association of Naphthalene-Labeled Poly(acrylic acid) and Interaction with Cationic Surfactants. Fluorescence Studies. Langmuir, 2000, 16, 10528-10539.	3.5	60
39	PVAâ`'DNA Cryogel Membranes:â€‰ Characterization, Swelling, and Transport Studies. Langmuir, 2008, 24, 273-279.	3.5	60
40	DNAâ`'Surfactant Complexes at Solid Surfaces. Langmuir, 2001, 17, 1666-1669.	3.5	59
41	DNA encapsulation by biocompatible catanionic vesicles. Journal of Colloid and Interface Science, 2007, 312, 87-97.	9.4	58
42	pH-responsive liposome-templated polyelectrolyte nanocapsules. Soft Matter, 2012, 8, 4415.	2.7	58
43	Interaction between Covalent DNA Gels and a Cationic Surfactant. Biomacromolecules, 2006, 7, 1090-1095.	5.4	57
44	DNA Gel Particles:â€‰ Particle Preparation and Release Characteristics. Langmuir, 2007, 23, 6478-6481.	3.5	57
45	DNA Compaction at Hydrophobic Surfaces Induced by a Cationic Amphiphileâ€. Langmuir, 2003, 19, 7712-7718.	3.5	56
46	Hydrophobic interactions control the self-assembly of DNA and cellulose. Quarterly Reviews of Biophysics, 2021, 54, e3.	5.7	56
47	Translational motion and association in aqueous sodium dodecyl sulphate solutions. Colloid and Polymer Science, 1974, 252, 144-152.	2.1	53
48	Polyion Adsorption onto Catanionic Surfaces. A Monte Carlo Study. Journal of Physical Chemistry B, 2005, 109, 11781-11788.	2.6	52
49	Condensation and Decondensation of DNA by Cationic Surfactant, Spermine, or Cationic Surfactantâ€"Cyclodextrin Mixtures: Macroscopic Phase Behavior, Aggregate Properties, and Dissolution Mechanisms. Langmuir, 2012, 28, 7976-7989.	3.5	52
50	The effect of surfactants on adsorbed layers of a cationic polyelectrolyte. Colloid and Polymer Science, 1994, 272, 1590-1601.	2.1	50
51	A rheological investigation of the complex formation between hydrophobically modified ethyl (hydroxy ethyl) cellulose and cyclodextrin. Carbohydrate Polymers, 2002, 50, 219-226.	10.2	50
52	The interaction between DNA and cationic lipid films at the airâ€"water interface. Journal of Colloid and Interface Science, 2005, 286, 166-175.	9.4	50
53	Cationic agents for DNA compaction. Journal of Colloid and Interface Science, 2008, 323, 75-83.	9.4	48
54	Effect of the Head-Group Geometry of Amino Acid-Based Cationic Surfactants on Interaction with Plasmid DNA. Biomacromolecules, 2008, 9, 1852-1859.	5.4	48

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55	The effect of chain length on the melting temperature and size of dialkyldimethylammonium bromide vesicles. Chemistry and Physics of Lipids, 2006, 142, 128-132.	3.2	47
56	Responsive Polymer Gels:â€‰ Double-Stranded versus Single-Stranded DNA. Journal of Physical Chemistry B, 2007, 111, 10886-10896.	2.6	47
57	A calorimetric study of the gel-to-liquid crystal transition in catanionic surfactant vesicles. Thermochimica Acta, 2002, 394, 31-37.	2.7	46
58	Cellulose Dissolution in an Alkali Based Solvent: Influence of Additives and Pretreatments. Journal of the Brazilian Chemical Society, 2013, 24, 295-303.	0.6	46
59	Effect of Additives on Swelling of Covalent DNA Gelsâ€. Journal of Physical Chemistry B, 2007, 111, 8444-8452.	2.6	44
60	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.	4.8	42
61	Surfactantâ^'DNA Gel Particles: Formation and Release Characteristics. Biomacromolecules, 2007, 8, 3886-3892.	5.4	40
62	Linear and Nonlinear Viscoelasticity of Semidilute Aqueous Mixtures of a Nonionic Cellulose Derivative and Ionic Surfactants. Langmuir, 2001, 17, 8001-8009.	3.5	39
63	DNA and Cationic Surfactant Complexes at Hydrophilic Surfaces. An Ellipsometry and Surface Force Study. Langmuir, 2004, 20, 8597-8603.	3.5	39
64	Fourier transform carbon-13 relaxation and self-diffusion studies of microemulsions. Faraday Discussions of the Chemical Society, 1983, 76, 317-329.	2.2	38
65	Polyelectrolytes confined to spherical cavities. Journal of Chemical Physics, 2002, 117, 1385-1394.	3.0	38
66	Cyclodextrinâ^'Surfactant Complex: A New Route in DNA Decompaction. Biomacromolecules, 2008, 9, 772-775.	5.4	37
67	Solubilization of DNAâ^'Cationic Lipid Complexes in Hydrophobic Solvents. A Single-Molecule Visualization by Fluorescence Microscopy. Langmuir, 1999, 15, 1923-1928.	3.5	36
68	Associations in Mixtures of Hydrophobically Modified Polymer and Surfactant in Dilute and Semidilute Aqueous Solutions. A Rheology and PFG NMR Self-Diffusion Investigation. Macromolecules, 2000, 33, 9641-9649.	4.8	36
69	Dispersed Lipid Liquid Crystalline Phases Stabilized by a Hydrophobically Modified Cellulose. Langmuir, 2007, 23, 2768-2777.	3.5	36
70	Cyclodextrins in Hydrophobically Modified Poly(ethylene glycol) Solutions:â€‰ Inhibition of Polymerâ^'Polymer Associations. Langmuir, 2002, 18, 9028-9034.	3.5	35
71	Interaction between DNA and Charged Colloids Could Be Hydrophobically Driven. Biomacromolecules, 2005, 6, 832-837.	5.4	35
72	DNA pre-condensation with an amino acid-based cationic amphiphile. A viable approach for liposome-based gene delivery. Molecular Membrane Biology, 2008, 25, 23-34.	2.0	35

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73	Complexation between DNA and surfactants and lipids: phase behavior and molecular organization. Soft Matter, 2012, 8, 11022.	2.7	34
74	Novel approach for the synthesis of hydrophobe modified polyacrylamide. Direct N -alkylation of polyacrylamide in dimethyl sulfoxide. Polymer, 1999, 40, 7163-7165.	3.8	33
75	NMR studies on parvalbumin phylogeny and ionic interactions. Molecular and Cellular Biochemistry, 1982, 44, 161-72.	3.1	31
76	Novel Organized Structures in Mixtures of a Hydrophobically Modified Polymer and Two Oppositely Charged Surfactants. Langmuir, 2000, 16, 6825-6832.	3.5	31
77	Adsorption and Aggregation of Cationic Amphiphilic Polyelectrolytes on Silica. Langmuir, 2005, 21, 2855-2864.	3.5	31
78	Controlling the Morphology in DNA Condensation and Precipitation. Biomacromolecules, 2009, 10, 1319-1323.	5.4	30
79	Calcium and Magnesium NMR in Chemistry and Biology. Annual Reports on NMR Spectroscopy, 1981, 11, 183-226.	1.5	29
80	Mixing Oil and Water by a DNA-Based Surfactant. Journal of Physical Chemistry B, 2004, 108, 15408-15414.	2.6	29
81	Swelling behavior of a new biocompatible plasmid DNA hydrogel. Colloids and Surfaces B: Biointerfaces, 2012, 92, 106-112.	5.0	29
82	New Insights on the Role of Urea on the Dissolution and Thermally-Induced Gelation of Cellulose in Aqueous Alkali. Gels, 2018, 4, 87.	4.5	29
83	Interactions of Cationic/Nonionic Surfactant Mixtures with an Anionic Hydrogel:Â Absorption Equilibrium and Thermodynamic Modeling. Langmuir, 2000, 16, 2529-2538.	3.5	28
84	Nonionic polymers and surfactants: Temperature anomalies revisited. Comptes Rendus Chimie, 2009, 12, 121-128.	0.5	28
85	DNAâ€"lipidself-assembly: phase behavior and phase structures of a DNAâ€"surfactant complex mixed with lecithin and water. Soft Matter, 2011, 7, 730-742.	2.7	28
86	Mixtures of Cationic Copolymers and Oppositely Charged Surfactants: Effect of Polymer Charge Density and Ionic Strength on the Adsorption Behavior at the Silicaâ€"Aqueous Interface. ACS Applied Materials & Interfaces, 2012, 4, 1500-1511.	8.0	28
87	Swelling and Structural Changes of Oppositely Charged Polyelectrolyte Gelâˆ'Mixed Surfactant Complexes. Macromolecules, 2001, 34, 1522-1525.	4.8	27
88	Role of Linker Groups between Hydrophilic and Hydrophobic Moieties of Cationic Surfactants on Oligonucleotideâˆ'Surfactant Interactions. Langmuir, 2009, 25, 13770-13775.	3.5	27
89	Lyotropic Liquid Crystalline Structures Formed by Amphiphilic Heteroarm Star Copolymers. Macromolecules, 2001, 34, 5979-5983.	4.8	26
90	Equilibrium between Poly(N,N-dimethylacrylamide) and the Lamellar Phase of Aerosol OT/Water. Journal of Physical Chemistry B, 2002, 106, 5035-5041.	2.6	26

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91	Prevention of postoperative peritoneal adhesions: Effects of lysozyme, polylysine and polyglutamate versus hyaluronic acid. Scandinavian Journal of Gastroenterology, 2005, 40, 1118-1123.	1.5	26
92	Interfacial Interaction between Cellulose Derivatives and Surfactants at Solid Surfaces. An Ellipsometry Study. Langmuir, 2001, 17, 1499-1505.	3.5	25
93	Aqueous Phase Behavior of Hexaethylene Glycol Dodecyl Ether Studied by Differential Scanning Calorimetry, Fourier Transform Infrared Spectroscopy, and13C NMR Spectroscopy. Langmuir, 2002, 18, 9204-9210.	3.5	25
94	Dynamics and Energetics of the Self-Assembly of a Hydrophobically Modified Polyelectrolyte:â€‰ Naphthalene-Labeled Poly(Acrylic Acid). Journal of Physical Chemistry B, 2005, 109, 11478-11492.	2.6	25
95	SANS Study of the Interactions among DNA, a Cationic Surfactant, and Polystyrene Latex Particles. Langmuir, 2005, 21, 3578-3583.	3.5	25
96	Swelling properties of cross-linked DNA gels. Advances in Colloid and Interface Science, 2010, 158, 21-31.	14.7	25
97	DNA gel particles. Soft Matter, 2010, 6, 3143.	2.7	25
98	Phase Behavior of a DNA-Based Surfactant Mixed with Water and n-Alcohols. Journal of Physical Chemistry B, 2006, 110, 17221-17229.	2.6	23
99	Solubilization and location of phenethylalcohol, benzaldehyde, and limonene in lamellar liquid crystal formed with block copolymer and water. Journal of Colloid and Interface Science, 2006, 297, 792-796.	9.4	23
100	A cubic DNA-lipid complex. Soft Matter, 2009, 5, 3827.	2.7	23
101	Cyclodextrinâ€"Surfactant Coassembly Depends on the Cyclodextrin Ability To Crystallize. Langmuir, 2012, 28, 2387-2394.	3.5	23
102	Kinetic Studies of Amino Acid-Based Surfactant Binding to DNA. Journal of Physical Chemistry B, 2012, 116, 5831-5837.	2.6	23
103	Ion transport and cation-polyanion interactions in vascular biomembranes. Journal of Membrane Science, 1989, 41, 353-375.	8.2	22
104	Novel Biocompatible DNA Gel Particles. Langmuir, 2010, 26, 10606-10613.	3.5	22
105	Counter-ion effect on surfactantâ€"DNA gel particles as controlled DNA delivery systems. Soft Matter, 2012, 8, 3200.	2.7	22
106	Magnesium and calcium surfactants Ternary phase diagrams of magnesium and calcium dodecylsulphate with decanol and water. Colloid and Polymer Science, 1986, 264, 909-916.	2.1	20
107	Mixed Protein Carriers for Modulating DNA Release. Langmuir, 2009, 25, 10263-10270.	3.5	20
108	The Effect of Postadded Ethylene Glycol Surfactants on DNA-Cationic Surfactant/Water Mesophases. Journal of Physical Chemistry B, 2009, 113, 9909-9914.	2.6	20

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109	Cyclodextrins in DNA decompaction. Colloids and Surfaces B: Biointerfaces, 2010, 76, 20-27.	5.0	20
110	Release of DNA from surfactant complexes induced by 2-hydroxypropyl-Î²-cyclodextrin. International Journal of Biological Macromolecules, 2010, 46, 153-158.	7.5	20
111	Size and morphology of assemblies formed by DNA and lysozyme in dilute aqueous mixtures. Physical Chemistry Chemical Physics, 2011, 13, 3082-3091.	2.8	18
112	DNA gel particles from single and double-tail surfactants: supramolecular assemblies and release characteristics. Soft Matter, 2011, 7, 2001.	2.7	18
113	Electrophoretic properties of complexes between DNA and the cationic surfactant cetyltrimethylammonium bromide. Electrophoresis, 2005, 26, 2908-2917.	2.4	17
114	Mixed Systems of Hydrophobically Modified Polyelectrolytes:â€‰ Controlling Rheology by Charge and Hydrophobe Stoichiometry and Interaction Strength. Langmuir, 2005, 21, 10188-10196.	3.5	17
115	Gels of Catanionic Vesicles and Hydrophobically Modified Poly(ethylene glycol). Journal of Dispersion Science and Technology, 2006, 27, 83-90.	2.4	17
116	Complex Formation between a Fluorescently-Labeled Polyelectrolyte and a Triblock Copolymer. Journal of Physical Chemistry B, 2009, 113, 6205-6214.	2.6	17
117	Conduction Through Viscoelastic Phase in a Redoxâ€Active Ionic Liquid at Reduced Temperatures. Advanced Materials, 2012, 24, 781-784.	21.0	17
118	DNA gel particles: An overview. Advances in Colloid and Interface Science, 2014, 205, 240-256.	14.7	17
119	Sodium polyacrylate potentiates the anti-adhesion effect of a cellulose-derived polymer. Biomaterials, 2001, 22, 2185-2190.	11.4	16
120	Adsorption of Branched-Linear Polyethyleneimineâ€“Ethylene Oxide Conjugate on Hydrophilic Silica Investigated by Ellipsometry and Monte Carlo Simulations. Langmuir, 2011, 27, 9961-9971.	3.5	16
121	DNA Compaction onto Hydrophobic Surfaces by Different Cationic Surfactants. Langmuir, 2005, 21, 6495-6502.	3.5	15
122	Self-Assembly of a Hydrophobically Modified Naphthalene-Labeled Poly(acrylic acid) Polyelectrolyte in Water:Organic Solvent Mixtures Followed by Steady-State and Time-Resolved Fluorescence. Journal of Physical Chemistry B, 2005, 109, 3243-3251.	2.6	14
123	Nanometric Sieving of Polymer Coils by a Lamellar Liquid Crystal:Â Surfactant AOT and Polydimethylacrylamide. Macromolecules, 2005, 38, 1949-1957.	4.8	14
124	Novel treatment in peritoneal adhesion prevention: Protection by polypeptides. Scandinavian Journal of Gastroenterology, 2006, 41, 1110-1117.	1.5	14
125	Incorporation of substituted acrylamides to the lamellar mesophase of Aerosol OT. Journal of Colloid and Interface Science, 2006, 299, 378-387.	9.4	14
126	Influence of DNA Adsorption and DNA/Cationic Surfactant Coadsorption on the Interaction Forces between Hydrophobic Surfaces. Langmuir, 2004, 20, 6407-6413.	3.5	13

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127	Cationic Amphiphilic Polyelectrolytes and Oppositely Charged Surfactants at the Silicaâˆ'Aqueous Interface. Langmuir, 2005, 21, 4490-4502.	3.5	13
128	Effect of Type of Fragrance Compounds on Their Location in Hexagonal Liquid Crystal. Journal of Dispersion Science and Technology, 2006, 27, 1151-1155.	2.4	13
129	Association of a Hydrophobically Modified Polyelectrolyte and a Block Copolymer Followed by Fluorescence Techniques. Journal of Physical Chemistry B, 2009, 113, 6194-6204.	2.6	13
130	Interactions between DNA and Nonionic Ethylene Oxide Surfactants are Predominantly Repulsive. Langmuir, 2010, 26, 13102-13109.	3.5	13
131	Surface and colloid chemistry of peat and peat dewatering. Electrostatic effects. Colloid and Polymer Science, 1988, 266, 164-172.	2.1	12
132	Interfacial behaviour of non-ionic surfactants at the silica-water interface revealed by ellipsometry. Thin Solid Films, 1993, 234, 478-481.	1.8	12
133	Phase Behavior and Coassembly of DNA and Lysozyme in Dilute Aqueous Mixtures: A Model Investigation of DNAâˆ'Protein Interactions. Langmuir, 2010, 26, 2986-2988.	3.5	12
134	Mixed proteinâ€“DNA gel particles for DNA delivery: Role of protein composition and preparation method on biocompatibility. International Journal of Pharmaceutics, 2013, 454, 192-203.	5.2	12
135	Lipid and surfactant self-assembly: Significance of NMR in developing our understanding. Current Opinion in Colloid and Interface Science, 2019, 44, 14-22.	7.4	12
136	The effect of poly(N, N -dimethylacrylamide) on the lamellar phase of Aerosol OT/water. Colloid and Polymer Science, 2002, 280, 517-525.	2.1	11
137	Fragmentation of the Lamellae and Fractionation of Polymer Coils upon Mixing Poly(dimethylacrylamide) with the Lamellar Phase of Aerosol OT in Water. Journal of Physical Chemistry B, 2005, 109, 23896-23904.	2.6	11
138	Interactions between Cationic Lipid Bilayers and Model Chromatin. Langmuir, 2010, 26, 12488-12492.	3.5	11
139	The significance of lipid peroxidation in cardiovascular disease. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2014, 442, 173-180.	4.7	11
140	Lignin enhances cellulose dissolution in cold alkali. Carbohydrate Polymers, 2021, 274, 118661.	10.2	11
141	Internal motion at the chloride binding sites of human serum albumin by NMR relaxation studies. FEBS Letters, 1978, 86, 25-28.	2.8	10
142	Efficacy of Bioactive Polypeptides on Bleeding and Intra-Abdominal Adhesions. European Surgical Research, 2007, 39, 35-40.	1.3	10
143	Chitosan-DNA Particles for DNA Delivery: Effect of Chitosan Molecular Weight on Formation and Release Characteristics. Journal of Dispersion Science and Technology, 2009, 30, 1494-1499.	2.4	10
144	Physicochemical properties of transferrin-associated lipopolyplexes and their role in biological activity. Colloids and Surfaces B: Biointerfaces, 2010, 76, 207-214.	5.0	10

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145	Revisiting the dissolution of cellulose in H3PO4(aq) through cryo-TEM, PTssNMR and DWS. Carbohydrate Polymers, 2021, 252, 117122.	10.2	10
146	In Situ Polymerization of N,N-Dimethylacrylamide in Aerosol OTâˆ'Water:â€‰ Modified Lamellar Structure and Multiphase Separation. Macromolecules, 2002, 35, 7553-7560.	4.8	9
147	Clouding of a cationic hydrophobically associating comb polymer. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2002, 201, 9-15.	4.7	9
148	Effect of Bioactive Polypeptides on Leaking Large Bowel Anastomosis and Intestines in the Rat. Journal of Investigative Surgery, 2007, 20, 229-235.	1.3	9
149	The antimicrobial reagent role on the degradation of model cellulose film. Journal of Colloid and Interface Science, 2008, 327, 75-83.	9.4	9
150	DNA with Double-Chained Amphiphilic Counterions and Its Interaction with Lecithin. Langmuir, 2012, 28, 13698-13704.	3.5	9
151	Increasing anastomosis safety and preventing abdominal adhesion formation by the use of polypeptides in the rat. International Journal of Colorectal Disease, 2006, 21, 566-572.	2.2	8
152	Polyelectrolyteâ€"surfactant complexes with long range order. Journal of Colloid and Interface Science, 2008, 319, 330-337.	9.4	8
153	DNA with amphiphilic counterions: tuning colloidal DNA with cyclodextrin. Soft Matter, 2012, 8, 4988.	2.7	8
154	Ionization by pH and Anionic Surfactant Binding Gives the Same Thickening Effects of Crosslinked Polyacrylic Acid Derivatives. Journal of Dispersion Science and Technology, 2012, 33, 1368-1372.	2.4	8
155	Phase behavior and rheological properties of DNAâ€"cationic polysaccharide mixtures. Journal of Colloid and Interface Science, 2012, 383, 63-74.	9.4	8
156	From surfactant to cellulose and DNA self-assembly. A 50-year journey. Colloid and Polymer Science, 2016, 294, 1687-1703.	2.1	8
157	Inclusion of a single-tail amino acid-based amphiphile in a lipoplex formulation: Effects on transfection efficiency and physicochemical properties. Molecular Membrane Biology, 2011, 28, 42-53.	2.0	7
158	Supramolecular Organization in Self-Assembly of Chromatin and Cationic Lipid Bilayers is Controlled by Membrane Charge Density. Biomacromolecules, 2012, 13, 4146-4157.	5.4	7
159	Prevention of Adhesions by Surfactants and Cellulose Derivatives in Mice. The European Journal of Surgery, 2001, 167, 136-141.	0.9	6
160	Phase behaviour and structure of amphiphilic poly(ethylene oxide)-poly(propylene oxide) triblock copolymers ((EO)4(PO)59(EO)4 and (EO)17(PO)59(EO)17) in ternary mixtures with water and xylene. Canadian Journal of Chemistry, 2003, 81, 897-908.	1.1	3
161	Per Ekwall and Physical Chemistry 1 in Lund: Ion Binding and Microstructure in Relation to Phase Behavior. Journal of Dispersion Science and Technology, 2007, 28, 21-29.	2.4	3
162	DNA as an Amphiphilic Polymer. , 0, , 367-376.		3

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163	Enzymatic Degradation of Model Cellulose Film Pre-Treated with Antimicrobial Agent. Journal of Dispersion Science and Technology, 2009, 30, 929-936.	2.4	1
164	Cross-Linked DNA Gels and Gel Particles. , 0, , 353-365.		0
165	Modeling the Surfactant Uptake in Cross-Linked DNA Gels. Journal of Dispersion Science and Technology, 2009, 30, 954-960.	2.4	0