Tommy Nylander

List of Publications by Year
in descending order

#	Article	IF	Citations
1	Variations in Coupled Water, Viscoelastic Properties, and Film Thickness of a Mefp-1 Protein Film during Adsorption and Cross-Linking:Â A Quartz Crystal Microbalance with Dissipation Monitoring, Ellipsometry, and Surface Plasmon Resonance Study. Analytical Chemistry, 2001, 73, 5796-5804.	3.2	1,087
2	Analytical Approach for the Lucasâ€“Washburn Equation. Journal of Colloid and Interface Science, 2002, 250, 415-421.	5.0	213
3	Protein interactions at solid surfaces. Advances in Colloid and Interface Science, 1995, 57, 161-227.	7.0	207
4	Effect of Fengycin, a Lipopeptide Produced by Bacillus subtilis, on Model Biomembranes. Biophysical Journal, 2008, 94, 2667-2679.	0.2	194
5	Formation of polyelectrolyteâ€“surfactant complexes on surfaces. Advances in Colloid and Interface Science, 2006, 123-126, 105-123.	7.0	167
6	Addition of hydrophilic and lipophilic compounds of biological relevance to the monoolein/water system. I. Phase behavior. Chemistry and Physics of Lipids, 2001, 109, 47-62.	1.5	161
7	Phase Behavior and Aggregate Formation for the Aqueous Monoolein System Mixed with Sodium Oleate and Oleic Acid. Langmuir, 2001, 17, 7742-7751.	1.6	146
8	Fengycin interaction with lipid monolayers at the airâ€“aqueous interfaceâ€”implications for the effect of fengycin on biological membranes. Journal of Colloid and Interface Science, 2005, 283, 358-365.	5.0	146
9	Electrochemical biosensors for glucose, lactate, urea, and creatinine based on enzymes entrapped in a cubic liquid crystalline phase. Analytica Chimica Acta, 1994, 289, 155-162.	2.6	123
10	Modified stainless steel surfaces targeted to reduce fouling â€“ Evaluation of fouling by milk components. Journal of Food Engineering, 2007, 80, 1176-1187.	2.7	120
11	A Cubic Monooleinâˆ'Cytochromecâˆ'Water Phase:Â X-ray Diffraction, FT-IR, Differential Scanning Calorimetric, and Electrochemical Studies. The Journal of Physical Chemistry, 1996, 100, 11766-11774.	2.9	118
12	Structural Effects, Mobility, and Redox Behavior of Vitamin K1Hosted in the Monoolein/Water Liquid Crystalline Phases. Langmuir, 1997, 13, 5476-5483.	1.6	115
13	Modified stainless steel surfaces targeted to reduce foulingâ€“â€“surface characterization. Journal of Food Engineering, 2004, 64, 63-79.	2.7	115
14	Can a Dynamic Contact Angle Be Understood in Terms of a Friction Coefficient?. Journal of Colloid and Interface Science, 2000, 226, 199-204.	5.0	108
15	Dynamic Light Scattering and Fluorescence Study of the Interaction between Double-Stranded DNA and Poly(amido amine) Dendrimers. Biomacromolecules, 2007, 8, 1557-1563.	2.6	97
16	Interaction between Î²-Lactoglobulin and Phospholipids at the Air/Water Interface. Langmuir, 1996, 12, 2791-2797.	1.6	96
17	Adsorption of Î±-lactalbumin and Î²-lactoglobulin on metal surfaces versus temperature. Journal of Colloid and Interface Science, 1987, 119, 383-390.	5.0	93
18	Characterization of the Liquidâˆ'Crystalline Phases in the Glycerol Monooleate/Diglycerol Monooleate/Water System. Langmuir, 2000, 16, 6358-6365.	1.6	88

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19	Effects of surfactin on membrane models displaying lipid phase separation. Biochimica Et Biophysica Acta - Biomembranes, 2013, 1828, 801-815.	1.4	88
20	A study of entrapped enzyme stability and substrate diffusion in a monoglyceride-based cubic liquid crystalline phase. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 1996, 114, 311-320.	2.3	82
21	The behaviour of protein preparations from blue-green algae (Spirulina platensis strain Pacifica) at the air/water interface. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2000, 173, 181-192.	2.3	82
22	Microscopy, SAXD, and NMR Studies of Phase Behavior of the Monooleinâˆ'Dioleinâˆ'Water System. Langmuir, 2000, 16, 10044-10054.	1.6	82
23	Adsorption of Î±-Synuclein to Supported Lipid Bilayers: Positioning and Role of Electrostatics. ACS Chemical Neuroscience, 2013, 4, 1339-1351.	1.7	82
24	Effect of Lipase on Monoolein-Based Cubic Phase Dispersion (Cubosomes) and Vesicles. Journal of Physical Chemistry B, 2002, 106, 10492-10500.	1.2	80
25	Sequential and competitive adsorption of Î²-lactoglobulin and Îº-casein on metal surfaces. Journal of Colloid and Interface Science, 1986, 111, 529-533.	5.0	79
26	Binding of Sodium Dodecyl Sulphate and Dodecyl Trimethyl Ammonium Chloride to Î²-Lactoglobulin: A Calorimetric Study. International Dairy Journal, 1998, 8, 141-148.	1.5	76
27	DNA condensation using cationic dendrimersâ€"morphology and supramolecular structure of formed aggregates. Soft Matter, 2011, 7, 4577.	1.2	76
28	The Effect of Solution Behavior of Insulin on Interactions between Adsorbed Layers of Insulin. Journal of Colloid and Interface Science, 1994, 164, 136-150.	5.0	72
29	Effect of Surface Properties and Added Electrolyte on the Structure of Î²-Casein Layers Adsorbed at the Solid/Aqueous Interface. Langmuir, 1997, 13, 5141-5147.	1.6	72
30	Competitive and Sequential Adsorption of Î²-Casein and Î²-Lactoglobulin on Hydrophobic Surfaces and the Interfacial Structure of Î²-Casein. Journal of Colloid and Interface Science, 1994, 162, 151-162.	5.0	70
31	Surface Deposition and Phase Behavior of Oppositely Charged Polyion/Surfactant Ion Complexes. 1. Cationic Guar versus Cationic Hydroxyethylcellulose in Mixtures with Anionic Surfactants. ACS Applied Materials & Interfaces, 2009, 1, 2431-2442.	4.0	70
32	Formation of CaCO₃ Deposits on Hard Surfacesâ€"Effect of Bulk Solution Conditions and Surface Properties. ACS Applied Materials & Interfaces, 2013, 5, 4035-4045.	4.0	69
33	Equilibrium Aspects of Polycation Adsorption on Silica Surface:Â How the Adsorbed Layer Responds to Changes in Bulk Solutionâ€. Langmuir, 2005, 21, 5872-5881.	1.6	68
34	RNA and DNA interactions with zwitterionic and charged lipid membranes â€" A DSC and QCM-D study. Biochimica Et Biophysica Acta - Biomembranes, 2010, 1798, 829-838.	1.4	67
35	Effects of distearoylphosphatidylglycerol and lysozyme on the structure of the monoolein-water cubic phase: X-ray diffraction and Raman scattering studies. Chemistry and Physics of Lipids, 1996, 84, 123-138.	1.5	66
36	Adsorption of Cationic Cellulose Derivatives/Anionic Surfactant Complexes onto Solid Surfaces. I. Silica Surfaces. Langmuir, 2004, 20, 1753-1762.	1.6	66

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37	Direct Impact of Nonequilibrium Aggregates on the Structure and Morphology of Pdadmac/SDS Layers at the Air/Water Interface. Langmuir, 2014, 30, 8664-8674.	1.6	66
38	Adsorption of cationic, anionic and hydrophobically modified polyacrylamides on silica surfaces. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2003, 231, 195-205.	2.3	65
39	Thiol-Specific and Nonspecific Interactions between DNA and Gold Nanoparticles. Langmuir, 2006, 22, 3294-3299.	1.6	65
40	Polyelectrolyte-surfactant associationâ€"from fundamentals to applications. Colloid Journal, 2014, 76, 585-594.	0.5	65
41	Formation of Highly Structured Cubic Micellar Lipid Nanoparticles of Soy Phosphatidylcholine and Glycerol Dioleate and Their Degradation by Triacylglycerol Lipase. ACS Applied Materials & Interfaces, 2014, 6, 7063-7069.	4.0	65
42	Adsorption of Cationic Cellulose Derivative/Anionic Surfactant Complexes onto Solid Surfaces. II. Hydrophobized Silica Surfaces. Langmuir, 2004, 20, 6692-6701.	1.6	63
43	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.	1.3	63
44	New Perspective on the Cliff Edge Peak in the Surface Tension of Oppositely Charged Polyelectrolyte/Surfactant Mixtures. Journal of Physical Chemistry Letters, 2010, 1, 3021-3026.	2.1	61
45	Mineralisation of soft and hard tissues and the stability of biofluids. Journal of Structural Biology, 2014, 185, 383-396.	1.3	60
46	Effects of Bulk Colloidal Stability on Adsorption Layers of Poly(diallyldimethylammonium) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Td (Journal of Physical Chemistry B, 2011, 115, 15202-15213.	1.2	57
47	Ultrasmall TPGSâ€"PLGA Hybrid Nanoparticles for Site-Specific Delivery of Antibiotics into <i>Pseudomonas aeruginosa</i> Biofilms in Lungs. ACS Applied Materials & Interfaces, 2020, 12, 380-389.	4.0	57
48	DNA Compaction at Hydrophobic Surfaces Induced by a Cationic Amphiphileâ€. Langmuir, 2003, 19, 7712-7718.	1.6	56
49	Adsorption of cubic liquid crystalline nanoparticles on model membranes. Soft Matter, 2008, 4, 2267.	1.2	56
50	An ellipsometry study of ionic surfactant adsorption on chromium surfaces. Journal of Colloid and Interface Science, 1989, 128, 303-312.	5.0	55
51	New Experimental Setup To Use Ellipsometry To Study Liquidâ^'Liquid and Liquidâ^'Solid Interfaces. Langmuir, 2002, 18, 6437-6444.	1.6	55
52	Effects of Aggregates on Mixed Adsorption Layers of Poly(ethylene imine) and Sodium Dodecyl Sulfate at the Air/Liquid Interface. Langmuir, 2009, 25, 4036-4046.	1.6	55
53	Emulsification of caraway essential oil in water by lecithin and Î²-lactoglobulin: emulsion stability and properties of the formed oilâ€"aqueous interface. Colloids and Surfaces B: Biointerfaces, 2001, 20, 327-340.	2.5	54
54	On the Ability of PAMAM Dendrimers and Dendrimer/DNA Aggregates To Penetrate POPC Model Biomembranes. Journal of Physical Chemistry B, 2010, 114, 7229-7244.	1.2	53

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55	Protein/Emulsifier Interactions. , 1997, , 95-146.		52
56	A review of the biology of calcium phosphate sequestration with special reference to milk. Dairy Science and Technology, 2015, 95, 3-14.	2.2	52
57	Neutron Reflectivity Studies of the Interaction of Cubic-Phase Nanoparticles with Phospholipid Bilayers of Different Coverage. Langmuir, 2009, 25, 4009-4020.	1.6	51
58	The interaction between DNA and cationic lipid films at the airâ€“water interface. Journal of Colloid and Interface Science, 2005, 286, 166-175.	5.0	50
59	Model cell membranes: Discerning lipid and protein contributions in shaping the cell. Advances in Colloid and Interface Science, 2014, 205, 207-220.	7.0	50
60	Sponge Phases and Nanoparticle Dispersions in Aqueous Mixtures of Mono- and Diglycerides. Langmuir, 2016, 32, 8650-8659.	1.6	50
61	Condensing DNA with poly(amido amine) dendrimers of different generations: means of controlling aggregate morphology. Soft Matter, 2009, 5, 2310.	1.2	49
62	DNA Binding to Zwitterionic Model Membranes. Langmuir, 2010, 26, 4965-4976.	1.6	49
63	Forces between Adsorbed Layers of Î²-Casein. Langmuir, 1997, 13, 6219-6225.	1.6	48
64	Adsorption of insulin on metal surfaces in relation to association behavior. Journal of Colloid and Interface Science, 1988, 122, 557-566.	5.0	47
65	Vesicle formation and other structures in aqueous dispersions of monoolein and sodium oleate. Journal of Colloid and Interface Science, 2003, 257, 310-320.	5.0	47
66	Apparent chemical composition of nine commercial or semi-commercial whey protein concentrates, isolates and fractions. International Journal of Food Science and Technology, 1999, 34, 543-556.	1.3	45
67	Liquid Crystalline Phases and Their Dispersions in Aqueous Mixtures of Glycerol Monooleate and Glyceryl Monooleyl Ether. Langmuir, 2007, 23, 496-503.	1.6	45
68	Thermomyces lanuginosus lipase in the liquid-crystalline phases of aqueous phytantriol: X-ray diffraction and vibrational spectroscopic studies. Biophysical Chemistry, 2008, 134, 144-156.	1.5	44
69	Watching DNA Condensation Induced by Poly(amido amine) Dendrimers with Time-Resolved Cryo-TEM. Langmuir, 2009, 25, 12466-12470.	1.6	44
70	Whey protein adsorption onto steel surfacesâ€"effect of temperature, flow rate, residence time and aggregation. Journal of Food Engineering, 2006, 74, 468-483.	2.7	43
71	Interaction between Lamellar (Vesicles) and Nonlamellar Lipid Liquid-Crystalline Nanoparticles as Studied by Time-Resolved Small-Angle X-ray Diffraction. Langmuir, 2009, 25, 3999-4008.	1.6	41
72	Polyelectrolyte Adsorption on Solid Surfaces: Theoretical Predictions and Experimental Measurements. Langmuir, 2013, 29, 12421-12431.	1.6	41

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73	Effect of Lipase on Different Lipid Liquid Crystalline Phases Formed by Oleic Acid Based Acylglycerols in Aqueous Systems. Langmuir, 2002, 18, 8972-8981.	1.6	40
74	Competitive Adsorption between Î²-Casein or Î²-Lactoglobulin and Model Milk Membrane Lipids at Oilâ˘Water Interfaces. Journal of Agricultural and Food Chemistry, 2005, 53, 716-724.	2.4	40
75	Multilayers at Interfaces of an Oppositely Charged Polyelectrolyte/Surfactant System Resulting from the Transport of Bulk Aggregates under Gravity. Journal of Physical Chemistry B, 2012, 116, 7981-7990.	1.2	40
76	DNA and Cationic Surfactant Complexes at Hydrophilic Surfaces. An Ellipsometry and Surface Force Study. Langmuir, 2004, 20, 8597-8603.	1.6	39
77	Effect of surface and bulk solution properties on the adsorption of whey protein onto steel surfaces at high temperature. Journal of Food Engineering, 2006, 73, 174-189.	2.7	38
78	DNA Compaction Induced by a Cationic Polymer or Surfactant Impact Gene Expression and DNA Degradation. PLoS ONE, 2014, 9, e92692.	1.1	38
79	Cyclodextrinâ˘Surfactant Complex: A New Route in DNA Decompaction. Biomacromolecules, 2008, 9, 772-775.	2.6	37
80	Surface Deposition and Phase Behavior of Oppositely Charged Polyionâ˘Surfactant Ion Complexes. 2. A Means to Deliver Silicone Oil to Hydrophilic Surfaces. ACS Applied Materials & Interfaces, 2010, 2, 143-156.	4.0	37
81	Adsorption of Lipid Liquid Crystalline Nanoparticles on Cationic, Hydrophilic, and Hydrophobic Surfaces. ACS Applied Materials & Interfaces, 2012, 4, 2643-2651.	4.0	36
82	Non-lamellar lipid liquid crystalline structures at interfaces. Advances in Colloid and Interface Science, 2015, 222, 135-147.	7.0	36
83	Calorimetric studies of interactions between Î²-lactoglobulin and phospholipids in solutions. International Dairy Journal, 1997, 7, 87-92.	1.5	35
84	Some physico-chemical properties of nine commercial or semi-commercial whey protein concentrates, isolates and fractions. International Journal of Food Science and Technology, 1999, 34, 587-601.	1.3	35
85	Î²-Casein Adsorption at the Hydrophobized Silicon Oxideâ˘Aqueous Solution Interface and the Effect of Added Electrolyte. Biomacromolecules, 2001, 2, 278-287.	2.6	35
86	Acyl migration and hydrolysis in monoolein-based systems. , 2002, , 41-46.		35
87	Cryo-TEM of isolated milk fat globule membrane structures in cream. Physical Chemistry Chemical Physics, 2004, 6, 1518-1523.	1.3	35
88	Interaction between DNA and Charged Colloids Could Be Hydrophobically Driven. Biomacromolecules, 2005, 6, 832-837.	2.6	35
89	Interactions between DNA and Poly(amido amine) Dendrimers on Silica Surfaces. Langmuir, 2010, 26, 8625-8635.	1.6	35
90	Interfacial Behavior of Cubic Liquid Crystalline Nanoparticles at Hydrophilic and Hydrophobic Surfaces. Langmuir, 2006, 22, 9169-9174.	1.6	34

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91	Solvatochromic fluorescent BODIPY derivative as imaging agent in camptothecin loaded hexosomes for possible theranostic applications. RSC Advances, 2015, 5, 23443-23449.	1.7	34
92	Adsorption of insulin on solid surfaces in relation to the surface properties of the monomeric and oligomeric forms. Journal of Colloid and Interface Science, 1991, 144, 145-152.	5.0	33
93	Neutron Reflectometry reveals the interaction between functionalized SPIONs and the surface of lipid bilayers. Colloids and Surfaces B: Biointerfaces, 2017, 151, 76-87.	2.5	33
94	Phase behavior in the biologically important oleic acid/sodium oleate/water system. Chemistry and Physics of Lipids, 2018, 211, 30-36.	1.5	33
95	Analytical Model Study of Dendrimer/DNA Complexes. Biomacromolecules, 2009, 10, 1720-1726.	2.6	32
96	Condensation of DNA using poly(amido amine) dendrimers: effect of salt concentration on aggregate morphology. Soft Matter, 2011, 7, 760-768.	1.2	32
97	Tunable Adsorption of Soft Colloids on Model Biomembranes. ACS Nano, 2013, 7, 10752-10763.	7.3	32
98	Fluid and Highly Curved Model Membranes on Vertical Nanowire Arrays. Nano Letters, 2014, 14, 4286-4292.	4.5	32
99	Solubilization of ubiquinone-10 in the lamellar and bicontinuous cubic phases of aqueous monoolein. Chemistry and Physics of Lipids, 1999, 97, 167-179.	1.5	31
100	Adsorption and Aggregation of Cationic Amphiphilic Polyelectrolytes on Silica. Langmuir, 2005, 21, 2855-2864.	1.6	31
101	Surface Deposition and Phase Behavior of Oppositely Charged Polyionâ€“Surfactant Ion Complexes. Delivery of Silicone Oil Emulsions to Hydrophobic and Hydrophilic Surfaces. ACS Applied Materials & Interfaces, 2011, 3, 2451-2462.	4.0	31
102	Aggregation Behavior of Bovine Îº- and Î²-Casein Studied with Small Angle Neutron Scattering, Light Scattering, and Cryogenic Transmission Electron Microscopy. Langmuir, 2012, 28, 13577-13589.	1.6	31
103	Nucleolipid bilayers: A quartz crystal microbalance and neutron reflectometry study. Colloids and Surfaces B: Biointerfaces, 2016, 137, 203-213.	2.5	31
104	Lipase action on a monoolein/sodium oleate aqueous cubic liquid crystalline phaseâ€"a NMR and X-ray diffraction study. Colloids and Surfaces B: Biointerfaces, 2002, 26, 159-171.	2.5	30
105	Disassembly of Dipeptide Single Crystals Can Transform the Lipid Membrane into a Network. ACS Nano, 2017, 11, 7349-7354.	7.3	30
106	Direct measurements of the interaction between layers of insulin adsorbed on hydrophobic surfaces. Journal of Colloid and Interface Science, 1989, 130, 457-466.	5.0	29
107	Milk membrane lipid vesicle structures studied with Cryo-TEM. Colloids and Surfaces B: Biointerfaces, 2003, 31, 257-264.	2.5	29
108	Nanowires for Biosensing: Lightguiding of Fluorescence as a Function of Diameter and Wavelength. Nano Letters, 2018, 18, 4796-4802.	4.5	29

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109	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.	4.0	28
110	Composition and structure of high temperature dairy fouling. Food Structure, 2016, 7, 13-20.	2.3	28
111	Evaluation of the structure of adsorbed layers of -casein from ellipsometry and surface force measurements. International Dairy Journal, 1999, 9, 313-317.	1.5	27
112	Towards redox active liquid crystalline phases of lipids: a monoolein/water system with entrapped derivatives of ferrocene. Chemistry and Physics of Lipids, 2003, 123, 87-97.	1.5	27
113	Surface Adsorption and Phase Separation of Oppositely Charged Polyionâˆ'Surfactant Ion Complexes: 3. Effects of Polyion Hydrophobicity. Langmuir, 2010, 26, 9357-9367.	1.6	27
114	Structural Biology of Calcium Phosphate Nanoclusters Sequestered by Phosphoproteins. Crystals, 2020, 10, 755.	1.0	27
115	Interfacial properties of whey proteins at air/water and oil/water interfaces studied by dynamic drop tensiometry, ellipsometry and spreading kinetics. International Journal of Food Science and Technology, 1999, 34, 573-585.	1.3	26
116	An X-ray diffraction study of alterations in bovine lung surfactant bilayer structures induced by albumin. Chemistry and Physics of Lipids, 2006, 144, 137-145.	1.5	26
117	SANS Study of the Interactions among DNA, a Cationic Surfactant, and Polystyrene Latex Particles. Langmuir, 2005, 21, 3578-3583.	1.6	25
118	Enzymatic Activity of Lipaseâˆ'Nanoparticle Conjugates and the Digestion of Lipid Liquid Crystalline Assemblies. Langmuir, 2010, 26, 13590-13599.	1.6	25
119	Adsorption of Lipid Liquid Crystalline Nanoparticles: Effects of Particle Composition, Internal Structure, and Phase Behavior. Langmuir, 2012, 28, 10688-10696.	1.6	25
120	Effect of Phosphorylation on a Human-like Osteopontin Peptide. Biophysical Journal, 2017, 112, 1586-1596.	0.2	25
121	Thermodynamics of Transfer of Amphiphiles between the Liquidâˆ'Air Interface and a Solid SurfaceWetting Tension Study of Langmuirâˆ'Blodgett Films. Langmuir, 1997, 13, 1746-1757.	1.6	24
122	Mapping the location of grafted PNIPAAM in mesoporous SBA-15 silica using gas adsorption analysis. Physical Chemistry Chemical Physics, 2012, 14, 5651.	1.3	24
123	Interactions of PAMAM Dendrimers with Negatively Charged Model Biomembranes. Journal of Physical Chemistry B, 2014, 118, 12892-12906.	1.2	24
124	Formation of Inverse Topology Lyotropic Phases in Dioleoylphosphatidylcholine/Oleic Acid and Dioleoylphosphatidylethanolamine/Oleic Acid Binary Mixtures. Langmuir, 2014, 30, 3337-3344.	1.6	24
125	The bilayer melting transition in lung surfactant bilayers: the role of cholesterol. European Biophysics Journal, 2003, 31, 633-636.	1.2	23
126	Diffusivity measurements using holographic laser interferometry in a cubic lipid-water phase. Chemistry and Physics of Lipids, 1996, 84, 1-12.	1.5	22

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127	A Surface Force, Light Scattering, and Osmotic Pressure Study of Semidilute Aqueous Solutions of Ethyl(hydroxyethyl)celluloseLong-Range Attractive Force between Two Polymer-Coated Surfaces. Langmuir, 1998, 14, 5877-5889.	1.6	22
128	Neutron reflectometry to investigate the delivery of lipids and DNA to interfaces (Review). Biointerphases, 2008, 3, FB64-FB82.	0.6	22
129	Towards biomimics of cell membranes: Structural effect of phosphatidylinositol triphosphate (PIP3) on a lipid bilayer. Colloids and Surfaces B: Biointerfaces, 2019, 173, 202-209.	2.5	22
130	Ellipsometry Studies of Nonionic Surfactant Adsorption at the Oilâˆ'Water Interface. Langmuir, 2005, 21, 149-159.	1.6	21
131	Novel evaluation method of neutron reflectivity data applied to stimulus-responsive polymer brushes. Soft Matter, 2008, 4, 500.	1.2	21
132	Association of anionic surfactant and physisorbed branched brush layers probed by neutron and optical reflectometry. Journal of Colloid and Interface Science, 2015, 440, 245-252.	5.0	21
133	Lipid Shell-Enveloped Polymeric Nanoparticles with High Integrity of Lipid Shells Improve Mucus Penetration and Interaction with Cystic Fibrosis-Related Bacterial Biofilms. ACS Applied Materials & Interfaces, 2018, 10, 10678-10687.	4.0	21
134	Qualitative and quantitative analysis of the biophysical interaction of inhaled nanoparticles with pulmonary surfactant by using quartz crystal microbalance with dissipation monitoring. Journal of Colloid and Interface Science, 2019, 545, 162-171.	5.0	21
135	Adsorption of Intact Cubic Liquid Crystalline Nanoparticles on Hydrophilic Surfaces: Lateral Organization, Interfacial Stability, Layer Structure, and Interaction Mechanism. Journal of Physical Chemistry C, 2009, 113, 4483-4494.	1.5	20
136	Assembly of RNA nanostructures on supported lipid bilayers. Nanoscale, 2015, 7, 583-596.	2.8	20
137	On the interaction of softwood hemicellulose with cellulose surfaces in relation to molecular structure and physicochemical properties of hemicellulose. Soft Matter, 2020, 16, 7063-7076.	1.2	20
138	Tuning lipid structure by bile salts: Hexosomes for topical administration of catechin. Colloids and Surfaces B: Biointerfaces, 2021, 199, 111564.	2.5	20
139	An FT-IR study of the effects of distearoylphosphatidylglycerol and cytochrome c on the molecular organization of the monoolein-water cubic liquid-crystalline phase. Vibrational Spectroscopy, 1997, 15, 91-101.	1.2	19
140	Linear <i>ds</i>DNA Partitions Spontaneously into the Inverse Hexagonal Lyotropic Liquid Crystalline Phases of Phospholipids. Journal of the American Chemical Society, 2010, 132, 9728-9732.	6.6	19
141	RNA and DNA Association to Zwitterionic and Charged Monolayers at the Airâ€"Liquid Interface. Langmuir, 2012, 28, 9621-9633.	1.6	19
142	Î²-Mannanase-catalyzed synthesis of alkyl mannooligosides. Applied Microbiology and Biotechnology, 2018, 102, 5149-5163.	1.7	19
143	Protein/Emulsifier Interactions. , 2008, , 89-171.		18
144	Interactions of PAMAM Dendrimers with SDS at the Solidâ€"Liquid Interface. Langmuir, 2013, 29, 5817-5831.	1.6	18

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145	Interfacial properties of lipid sponge-like nanoparticles and the role of stabilizer on particle structure and surface interactions. Soft Matter, 2019, 15, 2178-2189.	1.2	18
146	Morphologies and Structure of Brain Lipid Membrane Dispersions. Frontiers in Cell and Developmental Biology, 2021, 9, 675140.	1.8	18
147	Degradation of water-soluble fibre polysaccharides in carrots after different types of processing. Food Chemistry, 1993, 47, 169-176.	4.2	17
148	On the interaction between adsorbed layers of monoolein and the lipase action on the formed layers. Colloids and Surfaces B: Biointerfaces, 2002, 26, 172-182.	2.5	16
149	Enhanced efficacy of porcine lung surfactant extract by utilization of its aqueous swelling dynamics. Clinical Physiology and Functional Imaging, 2002, 22, 39-48.	0.5	16
150	Adsorption of Branched-Linear Polyethyleneimineâ€"Ethylene Oxide Conjugate on Hydrophilic Silica Investigated by Ellipsometry and Monte Carlo Simulations. Langmuir, 2011, 27, 9961-9971.	1.6	16
151	Structural effects of the dispersing agent polysorbate 80 on liquid crystalline nanoparticles of soy phosphatidylcholine and glycerol dioleate. Soft Matter, 2015, 11, 1140-1150.	1.2	16
152	Encapsulation of Aspartic Protease in Nonlamellar Lipid Liquid Crystalline Phases. Biophysical Journal, 2019, 117, 829-843.	0.2	16
153	Enzyme encapsulation in nanostructured self-assembled structures: TowardÂbiofunctional supramolecular assemblies. Current Opinion in Colloid and Interface Science, 2019, 44, 130-142.	3.4	16
154	Immobilisation of Î²-galactosidase within a lipid sponge phase: structure, stability and kinetics characterisation. Nanoscale, 2019, 11, 21291-21301.	2.8	16
155	DNA Compaction onto Hydrophobic Surfaces by Different Cationic Surfactants. Langmuir, 2005, 21, 6495-6502.	1.6	15
156	Complexes formed between DNA and poly(amido amine) dendrimers of different generations â€" modelling DNA wrapping and penetration. Physical Chemistry Chemical Physics, 2014, 16, 13112-13122.	1.3	15
157	Adsorption of Mixtures of Poly(amidoamine) Dendrimers and Sodium Dodecyl Sulfate at the Airâ€"Water Interface. Langmuir, 2014, 30, 5817-5828.	1.6	15
158	Adsorption of the intrinsically disordered saliva protein histatin 5 to silica surfaces. A Monte Carlo simulation and ellipsometry study. Journal of Colloid and Interface Science, 2016, 467, 280-290.	5.0	15
159	Thermomyces lanuginosus lipase-catalyzed hydrolysis of the lipid cubic liquid crystalline nanoparticles. Colloids and Surfaces B: Biointerfaces, 2016, 137, 50-59.	2.5	15
160	Relationship between Structure and Fluctuations of Lipid Nonlamellar Phases Deposited at the Solidâ€"Liquid Interface. Journal of Physical Chemistry B, 2017, 121, 2705-2711.	1.2	15
161	Fluorescent Labeling of Helminth Extracellular Vesicles Using an In Vivo Whole Organism Approach. Biomedicines, 2020, 8, 213.	1.4	15
162	Wetting of Î²-casein layers adsorbed at the solidâ€"aqueous interface. Colloids and Surfaces B: Biointerfaces, 1999, 15, 253-261.	2.5	14

#	Article	IF	Citations
163	Competitive Adsorption of Neutral Comb Polymers and Sodium Dodecyl Sulfate at the Air/Water Interface. Journal of Physical Chemistry B, 2008, 112, 7410-7419.	1.2	14
164	Interaction of fengycin with stratum corneum mimicking model membranes: A calorimetry study. Colloids and Surfaces B: Biointerfaces, 2014, 121, 27-35.	2.5	14
165	Lipid Spontaneous Curvatures Estimated from Temperature-Dependent Changes in Inverse Hexagonal Phase Lattice Parameters: Effects of Metal Cations. Langmuir, 2016, 32, 10083-10092.	1.6	14
166	Effect of the Anomeric Configuration on the Micellization of Hexadecylmaltoside Surfactants. Langmuir, 2019, 35, 13904-13914.	1.6	14
167	Cleaning of polymer and metal surfaces studied by ellipsometry. Journal of Colloid and Interface Science, 1984, 99, 549-552.	5.0	13
168	An Ellipsometric and Electrochemical Study of Microperoxidase-8 and -11 Adsorption on Platinum and Gold Surfaces. Journal of Colloid and Interface Science, 1994, 164, 181-189.	5.0	13
169	Ellipsometric studies of nonionic block copolymers adsorbed at the solid/water and oil/water interfaces. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2003, 225, 181-192.	2.3	13
170	Cationic Amphiphilic Polyelectrolytes and Oppositely Charged Surfactants at the Silicaâˆ'Aqueous Interface. Langmuir, 2005, 21, 4490-4502.	1.6	13
171	Hexagonal Liquid-crystalline Nanoparticles in Aqueous Mixtures of Glyceryl Monooleyl Ether and Pluronic F127. Chemistry Letters, 2006, 35, 830-831.	0.7	13
172	Nonlamellar lipid liquid crystalline model surfaces for biofunctional studies. Soft Matter, 2013, 9, 8815.	1.2	13
173	Molecular structure of maltoside surfactants controls micelle formation and rheological behavior. Journal of Colloid and Interface Science, 2021, 581, 895-904.	5.0	13
174	Forces between Charged Macroscopic Surfaces in Polyamine Solutions. The Journal of Physical Chemistry, 1994, 98, 2602-2607.	2.9	12
175	Structure of DNAâ€"Cationic Surfactant Complexes at Hydrophobically Modified and Hydrophilic Silica Surfaces as Revealed by Neutron Reflectometry. Langmuir, 2011, 27, 12506-12514.	1.6	12
176	Structural studies of hydrated samples of amorphous calcium phosphate and phosphoprotein nanoclusters. European Biophysics Journal, 2016, 45, 405-412.	1.2	12
177	Non-lamellar lipid assembly at interfaces: controlling layer structure by responsive nanogel particles. Interface Focus, 2017, 7, 20160150.	1.5	12
178	The triolein/aqueous interface and lipase activity studied by spectroscopic ellipsometry and coarse grained simulations. Chemistry and Physics of Lipids, 2018, 211, 37-43.	1.5	12
179	Rice Starch Particle Interactions at Air/Aqueous Interfacesâ€"Effect of Particle Hydrophobicity and Solution Ionic Strength. Frontiers in Chemistry, 2018, 6, 139.	1.8	12
180	Bovine Milk Sphingomyelin at the Air/Water Interface and Its Interaction with Xanthine Oxidase. Langmuir, 1996, 12, 5856-5862.	1.6	11

#	Article	IF	Citations
181	Phase equilibria of model milk membrane lipid systems. Chemistry and Physics of Lipids, 2003, 125, 59-68.	1.5	11
182	Î²-Casein Adsorption at the Silicon Oxide-Aqueous Solution Interface:Â Calcium Ion Effects. Biomacromolecules, 2004, 5, 319-325.	2.6	11
183	Formation of a Liquid Crystalline Phase from Phosphatidylcholine at the Oilâˆ'Aqueous Interface. Langmuir, 2005, 21, 2804-2810.	1.6	11
184	Horse heart cytochrome c entrapped into the hydrated liquid-crystalline phases of phytantriol: X-ray diffraction and Raman spectroscopic characterization. Journal of Colloid and Interface Science, 2012, 378, 232-240.	5.0	11
185	Interactions of Small Dendrimers with Sodium Dodecyl Sulfate at the Airâ€"Water Interface. Journal of Physical Chemistry B, 2014, 118, 11835-11848.	1.2	11
186	The lipolytic degradation of highly structured cubic micellar nanoparticles of soy phosphatidylcholine and glycerol dioleate by phospholipase A 2 and triacylglycerol lipase. Chemistry and Physics of Lipids, 2018, 211, 86-92.	1.5	11
187	Interaction of nanoparticles with lipid films: the role of symmetry and shape anisotropy. Physical Chemistry Chemical Physics, 2022, 24, 2762-2776.	1.3	11
188	Interaction of sodium dodecyl sulfate and high charge density comb polymers at the silica/water interface. Soft Matter, 2009, 5, 3646.	1.2	10
189	Bicontinuous cubic liquid crystalline phase nanoparticles stabilized by softwood hemicellulose. Colloids and Surfaces B: Biointerfaces, 2021, 203, 111753.	2.5	10
190	Interactions of cyclic AMP and its dibutyryl analogue with model membrane: X-ray diffraction and Raman spectroscopic study using cubic liquidâ€"crystalline phases of monoolein. Biophysical Chemistry, 2001, 90, 75-87.	1.5	9
191	Forces between Hydrophilic Surfaces Adsorbed with Apolipoprotein AII Alpha Helices. Langmuir, 2008, 24, 8568-8575.	1.6	9
192	Co-adsorption of Î²-casein and calcium phosphate nanoclusters (CPN) at hydrophilic and hydrophobic solidâ€"solution interfaces studied by neutron reflectometry. Food Hydrocolloids, 2011, 25, 724-733.	5.6	9
193	On the formation of dendrimer/nucleolipids surface films for directed self-assembly. Soft Matter, 2015, 11, 1973-1990.	1.2	9
194	Theoretical and Experimental Investigations of Polyelectrolyte Adsorption Dependence on Molecular Weight. Langmuir, 2016, 32, 5721-5730.	1.6	9
195	Salt partition, ion equilibria, and the structure, composition, and solubility of micellar calcium phosphate in bovine milk with added calcium salts. Journal of Dairy Science, 2020, 103, 9893-9905.	1.4	9
196	Shear-induced nanostructural changes in micelles formed by sugar-based surfactants with varied anomeric configuration. Journal of Colloid and Interface Science, 2022, 606, 328-336.	5.0	9
197	Adsorbed and spread films of bovine milk xanthine oxidase at the airâ€"water interface. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 1998, 143, 221-231.	2.3	8
198	Using Curvature Power To Map the Domain of Inverse Micellar Cubic Phases: The Case of Aliphatic Aldehydes in 1,2-Dioleoyl-<i>sn</i>-glycero-3-phosphoethanolamine. Langmuir, 2017, 33, 12804-12813.	1.6	8

#	Article	IF	Citations
199	Tail unsaturation tailors the thermodynamics and rheology of a self-assembled sugar-based surfactant. Journal of Colloid and Interface Science, 2021, 585, 178-183.	5.0	8
200	ssRNA base pairing at a bilayer interface can be controlled by the acyl chain order. Soft Matter, 2012, 8, 10428.	1.2	7
201	On the Molecular Interactions in Lipid Bilayerâ€"Water Assemblies of Different Curvatures. Journal of Physical Chemistry B, 2019, 123, 2662-2672.	1.2	7
202	Poly(styrene)-<i>block</i>-Maltoheptaose Films for Sub-10 nm Pattern Transfer: Implications for Transistor Fabrication. ACS Applied Nano Materials, 2021, 4, 5141-5151.	2.4	7
203	Thermoresponsive Glycopolymers Based on Enzymatically Synthesized Oligo-Î²-Mannosyl Ethyl Methacrylates and <i>N</i>-Isopropylacrylamide. Biomacromolecules, 2021, 22, 2338-2351.	2.6	7
204	Nanoscale structural and mechanical characterization of thin bicontinuous cubic phase lipid films. Colloids and Surfaces B: Biointerfaces, 2022, 210, 112231.	2.5	7
205	Spreading Dynamics of a Functionalized Polymer Latex. ACS Applied Materials & Interfaces, 2011, 3, 167-176.	4.0	6
206	Molecular recognition of nucleic acids by nucleolipid/dendrimer surface complexes. Soft Matter, 2014, 10, 8401-8405.	1.2	6
207	Controlling Interfacial Film Formation in Mixed Polymerâ€"Surfactant Systems by Changing the Vapor Phase. Langmuir, 2014, 30, 9991-10001.	1.6	6
208	Selective co-deposition of anionic silica particles at hydrophobic surfaces from formulations of oppositely charged polymers and surfactants. Journal of Colloid and Interface Science, 2016, 467, 213-219.	5.0	6
209	On the formation of inclusion complexes at the solid/liquid interface of anchored temperature-responsive PNIPAAM diblock copolymers with Î³-cyclodextrin. Colloid and Polymer Science, 2017, 295, 1327-1341.	1.0	5
210	Facile control of surfactant lamellar phase transition and adsorption behavior. RSC Advances, 2020, 10, 18025-18034.	1.7	5
211	Surface rheology and morphology of beer protein and iso-humulone at air-liquid surface. Food Hydrocolloids, 2020, 108, 105897.	5.6	5
212	Self-Diffusive Properties of the Intrinsically Disordered Protein Histatin 5 and the Impact of Crowding Thereon: A Combined Neutron Spectroscopy and Molecular Dynamics Simulation Study. Journal of Physical Chemistry B, 2022, 126, 789-801.	1.2	5
213	Effect of encapsulated protein on the dynamics of lipid sponge phase: a neutron spin echo and molecular dynamics simulation study. Nanoscale, 2022, , .	2.8	5
214	Surface Pressure Study of Hemin, Microperoxidase-8, -11, and Cytochrome c Adsorption at the Airâ€"Water Interface. Journal of Colloid and Interface Science, 1996, 178, 303-308.	5.0	4
215	Protein-lipid interactions. Studies in Interface Science, 1998, , 385-431.	0.0	4
216	Effect of Polyelectrolyte and Fatty Acid Soap on the Formation of CaCO₃ in the Bulk and the Deposit on Hard Surfaces. ACS Applied Materials & Interfaces, 2015, 7, 21115-21129.	4.0	4

#	Article	IF	Citations
217	The Influence of pH on the Lipase Digestion of Nanosized Triolein, Diolein and Monoolein Films. , 0, 2, .		4
218	Interactions of Cyclic AMP and Its Dibutyryl Analogue with a Lipid Layer in the Aqueous Mixtures of Monoolein Preparation and Dioleoyl Phosphatidylcholine as Probed by X-Ray Diffraction and Raman Spectroscopy. Journal of Biological Physics, 2004, 30, 83-96.	0.7	3
219	DNA and cationic surfactants at solid surfaces. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2005, 270-271, 33-43.	2.3	3
220	Supported Fluid Lipid Bilayer as a Scaffold to Direct Assembly of RNA Nanostructures. Methods in Molecular Biology, 2017, 1632, 107-122.	0.4	3
221	Interfacial Behavior of Ferrocene- and 1,4-Naphthoquinone-based Compounds, and Their Mixtures with Monoolein at the Air/Water Interface. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2008, 63, 1093-1100.	0.3	2
222	DNA and DNAâ€"Surfactant Complexes at Solid Surfaces. , 0, , 291-315.		2
223	Surface nanostructures for fluorescence probing of supported lipid bilayers on reflective substrates. Nanoscale, 2015, 7, 18020-18024.	2.8	2
224	Strong and tuneable wet adhesion with rationally designed layer-by-layer assembled triblock copolymer films. Nanoscale, 2016, 8, 18204-18211.	2.8	2
225	Interfacial properties of POPC/GDO liquid crystalline nanoparticles deposited on anionic and cationic silica surfaces. Physical Chemistry Chemical Physics, 2016, 18, 26630-26642.	1.3	2
226	Electrostatic interactions between cationic dendrimers and anionic model biomembrane. Chemistry and Physics of Lipids, 2022, 246, 105214.	1.5	2
227	Sequential infiltration synthesis and pattern transfer using 6 nm half-pitch carbohydrate-based fingerprint block copolymer. , 2021, , .		1
228	Protein/Emulsifier Interactions. , 2019, , 101-192.		1
229	Ellipsometry for Studies of Protein Adsorption. Annals of the New York Academy of Sciences, 1987, 501, 545-547.	1.8	0
230	Enhanced efficacy of porcine lung surfactant extract by utilization of its aqueous swelling dynamics. Clinical Physiology, 2002, 22, 39-48.	0.7	0
231	Introduction for lipid and lipase special issue. Colloids and Surfaces B: Biointerfaces, 2002, 26, 1-2.	2.5	0
232	The Delivery of Lipidic Compounds to Model Membrane Interfaces by Non-lamellar Liquid Crystalline Nano-particles. Biophysical Journal, 2009, 96, 19a.	0.2	0
233	Adsorption Of DNA And PAMAM Dendrimers - At Silica Surfaces And Model Membranes. Biophysical Journal, 2009, 96, 604a.	0.2	0
234	Rna-Lipid Interaction At the Air Liquid Interface. Biophysical Journal, 2010, 98, 77a.	0.2	0

#	Article	IF	Citations
235	Interaction of DNA-PAMAM Dendrimers with a Model Biological Membrane. Biophysical Journal, 2010, 98, 626a.	0.2	0
236	Lipase Action on Self-Assembled Lipid Liquid Crystalline Nanoparticles. Biophysical Journal, 2011, 100, 503a.	0.2	0
237	Experimental Study of Amyloidogenic Protein Adsorption to Supported Lipid Bilayers. Biophysical Journal, 2012, 102, 496a-497a.	0.2	0
238	The 26th Conference of the European Colloid and Interface Society held in MalmÃ¶, Sweden on 2â€“7 September 2012. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2014, 442, 1.	2.3	0
239	Editorial. Chemistry and Physics of Lipids, 2018, 211, 1-3.	1.5	0
240	Interactions between Proteins and Polar Lipids. Food Additives, 2003, , .	0.1	0
241	Proteins: Association, Adsorption, and Aggregation. , 0, , 6258-6281.		0