

Tommy Nylander

List of Publications by Year in descending order

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241
papers

9,529
citations

34105

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248
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248
docs citations

248
times ranked

8717
citing authors

#	ARTICLE	IF	CITATIONS
1	Variations in Coupled Water, Viscoelastic Properties, and Film Thickness of a Mefp-1 Protein Film during Adsorption and Cross-Linking: A Quartz Crystal Microbalance with Dissipation Monitoring, Ellipsometry, and Surface Plasmon Resonance Study. <i>Analytical Chemistry</i> , 2001, 73, 5796-5804.	6.5	1,087
2	Analytical Approach for the Lucas-Washburn Equation. <i>Journal of Colloid and Interface Science</i> , 2002, 250, 415-421.	9.4	213
3	Protein interactions at solid surfaces. <i>Advances in Colloid and Interface Science</i> , 1995, 57, 161-227.	14.7	207
4	Effect of Fengycin, a Lipopeptide Produced by <i>Bacillus subtilis</i> , on Model Biomembranes. <i>Biophysical Journal</i> , 2008, 94, 2667-2679.	0.5	194
5	Formation of polyelectrolyte-surfactant complexes on surfaces. <i>Advances in Colloid and Interface Science</i> , 2006, 123-126, 105-123.	14.7	167
6	Addition of hydrophilic and lipophilic compounds of biological relevance to the monoolein/water system. I. Phase behavior. <i>Chemistry and Physics of Lipids</i> , 2001, 109, 47-62.	3.2	161
7	Phase Behavior and Aggregate Formation for the Aqueous Monoolein System Mixed with Sodium Oleate and Oleic Acid. <i>Langmuir</i> , 2001, 17, 7742-7751.	3.5	146
8	Fengycin interaction with lipid monolayers at the air-aqueous interface implications for the effect of fengycin on biological membranes. <i>Journal of Colloid and Interface Science</i> , 2005, 283, 358-365.	9.4	146
9	Electrochemical biosensors for glucose, lactate, urea, and creatinine based on enzymes entrapped in a cubic liquid crystalline phase. <i>Analytica Chimica Acta</i> , 1994, 289, 155-162.	5.4	123
10	Modified stainless steel surfaces targeted to reduce fouling Evaluation of fouling by milk components. <i>Journal of Food Engineering</i> , 2007, 80, 1176-1187.	5.2	120
11	A Cubic Monoolein-Cytochrome c-Water Phase: X-ray Diffraction, FT-IR, Differential Scanning Calorimetric, and Electrochemical Studies. <i>The Journal of Physical Chemistry</i> , 1996, 100, 11766-11774.	2.9	118
12	Structural Effects, Mobility, and Redox Behavior of Vitamin K1 Hosted in the Monoolein/Water Liquid Crystalline Phases. <i>Langmuir</i> , 1997, 13, 5476-5483.	3.5	115
13	Modified stainless steel surfaces targeted to reduce fouling surface characterization. <i>Journal of Food Engineering</i> , 2004, 64, 63-79.	5.2	115
14	Can a Dynamic Contact Angle Be Understood in Terms of a Friction Coefficient?. <i>Journal of Colloid and Interface Science</i> , 2000, 226, 199-204.	9.4	108
15	Dynamic Light Scattering and Fluorescence Study of the Interaction between Double-Stranded DNA and Poly(amido amine) Dendrimers. <i>Biomacromolecules</i> , 2007, 8, 1557-1563.	5.4	97
16	Interaction between β -Lactoglobulin and Phospholipids at the Air/Water Interface. <i>Langmuir</i> , 1996, 12, 2791-2797.	3.5	96
17	Adsorption of β -lactalbumin and β -lactoglobulin on metal surfaces versus temperature. <i>Journal of Colloid and Interface Science</i> , 1987, 119, 383-390.	9.4	93
18	Characterization of the Liquid-Crystalline Phases in the Glycerol Monooleate/Diglycerol Monooleate/Water System. <i>Langmuir</i> , 2000, 16, 6358-6365.	3.5	88

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19	Effects of surfactin on membrane models displaying lipid phase separation. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2013, 1828, 801-815.	2.6	88
20	A study of entrapped enzyme stability and substrate diffusion in a monoglyceride-based cubic liquid crystalline phase. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1996, 114, 311-320.	4.7	82
21	The behaviour of protein preparations from blue-green algae (<i>Spirulina platensis</i> strain Pacifica) at the air/water interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2000, 173, 181-192.	4.7	82
22	Microscopy, SAXD, and NMR Studies of Phase Behavior of the Monooleinâ€”Dioleinâ€”Water System. <i>Langmuir</i> , 2000, 16, 10044-10054.	3.5	82
23	Adsorption of Î±-Synuclein to Supported Lipid Bilayers: Positioning and Role of Electrostatics. <i>ACS Chemical Neuroscience</i> , 2013, 4, 1339-1351.	3.5	82
24	Effect of Lipase on Monoolein-Based Cubic Phase Dispersion (Cubosomes) and Vesicles. <i>Journal of Physical Chemistry B</i> , 2002, 106, 10492-10500.	2.6	80
25	Sequential and competitive adsorption of Î²-lactoglobulin and Î²-casein on metal surfaces. <i>Journal of Colloid and Interface Science</i> , 1986, 111, 529-533.	9.4	79
26	Binding of Sodium Dodecyl Sulphate and Dodecyl Trimethyl Ammonium Chloride to Î²-Lactoglobulin: A Calorimetric Study. <i>International Dairy Journal</i> , 1998, 8, 141-148.	3.0	76
27	DNA condensation using cationic dendrimersâ€™ morphology and supramolecular structure of formed aggregates. <i>Soft Matter</i> , 2011, 7, 4577.	2.7	76
28	The Effect of Solution Behavior of Insulin on Interactions between Adsorbed Layers of Insulin. <i>Journal of Colloid and Interface Science</i> , 1994, 164, 136-150.	9.4	72
29	Effect of Surface Properties and Added Electrolyte on the Structure of Î²-Casein Layers Adsorbed at the Solid/Aqueous Interface. <i>Langmuir</i> , 1997, 13, 5141-5147.	3.5	72
30	Competitive and Sequential Adsorption of Î²-Casein and Î²-Lactoglobulin on Hydrophobic Surfaces and the Interfacial Structure of Î²-Casein. <i>Journal of Colloid and Interface Science</i> , 1994, 162, 151-162.	9.4	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. <i>ACS Applied Materials & Interfaces</i> , 2009, 1, 2431-2442.	8.0	70
32	Formation of CaCO ₃ Deposits on Hard Surfacesâ€™Effect of Bulk Solution Conditions and Surface Properties. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 4035-4045.	8.0	69
33	Equilibrium Aspects of Polycation Adsorption on Silica Surface:Â How the Adsorbed Layer Responds to Changes in Bulk Solutionâ€. <i>Langmuir</i> , 2005, 21, 5872-5881.	3.5	68
34	RNA and DNA interactions with zwitterionic and charged lipid membranes â€™ A DSC and QCM-D study. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2010, 1798, 829-838.	2.6	67
35	Effects of distearoylphosphatidylglycerol and lysozyme on the structure of the monoolein-water cubic phase: X-ray diffraction and Raman scattering studies. <i>Chemistry and Physics of Lipids</i> , 1996, 84, 123-138.	3.2	66
36	Adsorption of Cationic Cellulose Derivatives/Anionic Surfactant Complexes onto Solid Surfaces. I. Silica Surfaces. <i>Langmuir</i> , 2004, 20, 1753-1762.	3.5	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. <i>Langmuir</i> , 2014, 30, 8664-8674.	3.5	66
38	Adsorption of cationic, anionic and hydrophobically modified polyacrylamides on silica surfaces. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2003, 231, 195-205.	4.7	65
39	Thiol-Specific and Nonspecific Interactions between DNA and Gold Nanoparticles. <i>Langmuir</i> , 2006, 22, 3294-3299.	3.5	65
40	Polyelectrolyte-surfactant association“from fundamentals to applications. <i>Colloid Journal</i> , 2014, 76, 585-594.	1.3	65
41	Formation of Highly Structured Cubic Micellar Lipid Nanoparticles of Soy Phosphatidylcholine and Glycerol Dioleate and Their Degradation by Triacylglycerol Lipase. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 7063-7069.	8.0	65
42	Adsorption of Cationic Cellulose Derivative/Anionic Surfactant Complexes onto Solid Surfaces. II. Hydrophobized Silica Surfaces. <i>Langmuir</i> , 2004, 20, 6692-6701.	3.5	63
43	DNA Compaction by cationic surfactant in solution and at polystyrene particle solution interfaces: a dynamic light scattering study. <i>Physical Chemistry Chemical Physics</i> , 2004, 6, 1603-1607.	2.8	63
44	New Perspective on the Cliff Edge Peak in the Surface Tension of Oppositely Charged Polyelectrolyte/Surfactant Mixtures. <i>Journal of Physical Chemistry Letters</i> , 2010, 1, 3021-3026.	4.6	61
45	Mineralisation of soft and hard tissues and the stability of biofluids. <i>Journal of Structural Biology</i> , 2014, 185, 383-396.	2.8	60
46	Effects of Bulk Colloidal Stability on Adsorption Layers of Poly(diallyldimethylammonium) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Td (<i>Journal of Physical Chemistry B</i> , 2011, 115, 15202-15213.	2.6	57
47	Ultrasml TPGS“PLGA Hybrid Nanoparticles for Site-Specific Delivery of Antibiotics into <i>Pseudomonas aeruginosa</i> Biofilms in Lungs. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 380-389.	8.0	57
48	DNA Compaction at Hydrophobic Surfaces Induced by a Cationic Amphiphile“Langmuir, 2003, 19, 7712-7718.	3.5	56
49	Adsorption of cubic liquid crystalline nanoparticles on model membranes. <i>Soft Matter</i> , 2008, 4, 2267.	2.7	56
50	An ellipsometry study of ionic surfactant adsorption on chromium surfaces. <i>Journal of Colloid and Interface Science</i> , 1989, 128, 303-312.	9.4	55
51	New Experimental Setup To Use Ellipsometry To Study Liquid“Liquid and Liquid“Solid Interfaces. <i>Langmuir</i> , 2002, 18, 6437-6444.	3.5	55
52	Effects of Aggregates on Mixed Adsorption Layers of Poly(ethylene imine) and Sodium Dodecyl Sulfate at the Air/Liquid Interface. <i>Langmuir</i> , 2009, 25, 4036-4046.	3.5	55
53	Emulsification of caraway essential oil in water by lecithin and Î²-lactoglobulin: emulsion stability and properties of the formed oil“aqueous interface. <i>Colloids and Surfaces B: Biointerfaces</i> , 2001, 20, 327-340.	5.0	54
54	On the Ability of PAMAM Dendrimers and Dendrimer/DNA Aggregates To Penetrate POPC Model Biomembranes. <i>Journal of Physical Chemistry B</i> , 2010, 114, 7229-7244.	2.6	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.	3.5	51
58	The interaction between DNA and cationic lipid films at the air/water interface. Journal of Colloid and Interface Science, 2005, 286, 166-175.	9.4	50
59	Model cell membranes: Discerning lipid and protein contributions in shaping the cell. Advances in Colloid and Interface Science, 2014, 205, 207-220.	14.7	50
60	Sponge Phases and Nanoparticle Dispersions in Aqueous Mixtures of Mono- and Diglycerides. Langmuir, 2016, 32, 8650-8659.	3.5	50
61	Condensing DNA with poly(amido amine) dendrimers of different generations: means of controlling aggregate morphology. Soft Matter, 2009, 5, 2310.	2.7	49
62	DNA Binding to Zwitterionic Model Membranes. Langmuir, 2010, 26, 4965-4976.	3.5	49
63	Forces between Adsorbed Layers of β^2 -Casein. Langmuir, 1997, 13, 6219-6225.	3.5	48
64	Adsorption of insulin on metal surfaces in relation to association behavior. Journal of Colloid and Interface Science, 1988, 122, 557-566.	9.4	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.	9.4	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.	2.7	45
67	Liquid Crystalline Phases and Their Dispersions in Aqueous Mixtures of Glycerol Monooleate and Glyceryl Monooleyl Ether. Langmuir, 2007, 23, 496-503.	3.5	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.	2.8	44
69	Watching DNA Condensation Induced by Poly(amido amine) Dendrimers with Time-Resolved Cryo-TEM. Langmuir, 2009, 25, 12466-12470.	3.5	44
70	Whey protein adsorption onto steel surfaces—effect of temperature, flow rate, residence time and aggregation. Journal of Food Engineering, 2006, 74, 468-483.	5.2	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.	3.5	41
72	Polyelectrolyte Adsorption on Solid Surfaces: Theoretical Predictions and Experimental Measurements. Langmuir, 2013, 29, 12421-12431.	3.5	41

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73	Effect of Lipase on Different Lipid Liquid Crystalline Phases Formed by Oleic Acid Based Acylglycerols in Aqueous Systems. <i>Langmuir</i> , 2002, 18, 8972-8981.	3.5	40
74	Competitive Adsorption between β^2 -Casein or β^2 -Lactoglobulin and Model Milk Membrane Lipids at Oil-Water Interfaces. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 716-724.	5.2	40
75	Multilayers at Interfaces of an Oppositely Charged Polyelectrolyte/Surfactant System Resulting from the Transport of Bulk Aggregates under Gravity. <i>Journal of Physical Chemistry B</i> , 2012, 116, 7981-7990.	2.6	40
76	DNA and Cationic Surfactant Complexes at Hydrophilic Surfaces. An Ellipsometry and Surface Force Study. <i>Langmuir</i> , 2004, 20, 8597-8603.	3.5	39
77	Effect of surface and bulk solution properties on the adsorption of whey protein onto steel surfaces at high temperature. <i>Journal of Food Engineering</i> , 2006, 73, 174-189.	5.2	38
78	DNA Compaction Induced by a Cationic Polymer or Surfactant Impact Gene Expression and DNA Degradation. <i>PLoS ONE</i> , 2014, 9, e92692.	2.5	38
79	Cyclodextrin-Surfactant Complex: A New Route in DNA Decompaction. <i>Biomacromolecules</i> , 2008, 9, 772-775.	5.4	37
80	Surface Deposition and Phase Behavior of Oppositely Charged Polyion-Surfactant Ion Complexes. 2. A Means to Deliver Silicone Oil to Hydrophilic Surfaces. <i>ACS Applied Materials & Interfaces</i> , 2010, 2, 143-156.	8.0	37
81	Adsorption of Lipid Liquid Crystalline Nanoparticles on Cationic, Hydrophilic, and Hydrophobic Surfaces. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 2643-2651.	8.0	36
82	Non-lamellar lipid liquid crystalline structures at interfaces. <i>Advances in Colloid and Interface Science</i> , 2015, 222, 135-147.	14.7	36
83	Calorimetric studies of interactions between β^2 -lactoglobulin and phospholipids in solutions. <i>International Dairy Journal</i> , 1997, 7, 87-92.	3.0	35
84	Some physico-chemical properties of nine commercial or semi-commercial whey protein concentrates, isolates and fractions. <i>International Journal of Food Science and Technology</i> , 1999, 34, 587-601.	2.7	35
85	β^2 -Casein Adsorption at the Hydrophobized Silicon Oxide-Aqueous Solution Interface and the Effect of Added Electrolyte. <i>Biomacromolecules</i> , 2001, 2, 278-287.	5.4	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. <i>Physical Chemistry Chemical Physics</i> , 2004, 6, 1518-1523.	2.8	35
88	Interaction between DNA and Charged Colloids Could Be Hydrophobically Driven. <i>Biomacromolecules</i> , 2005, 6, 832-837.	5.4	35
89	Interactions between DNA and Poly(amido amine) Dendrimers on Silica Surfaces. <i>Langmuir</i> , 2010, 26, 8625-8635.	3.5	35
90	Interfacial Behavior of Cubic Liquid Crystalline Nanoparticles at Hydrophilic and Hydrophobic Surfaces. <i>Langmuir</i> , 2006, 22, 9169-9174.	3.5	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.	3.6	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.	9.4	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.	5.0	33
94	Phase behavior in the biologically important oleic acid/sodium oleate/water system. Chemistry and Physics of Lipids, 2018, 211, 30-36.	3.2	33
95	Analytical Model Study of Dendrimer/DNA Complexes. Biomacromolecules, 2009, 10, 1720-1726.	5.4	32
96	Condensation of DNA using poly(amido amine) dendrimers: effect of salt concentration on aggregate morphology. Soft Matter, 2011, 7, 760-768.	2.7	32
97	Tunable Adsorption of Soft Colloids on Model Biomembranes. ACS Nano, 2013, 7, 10752-10763.	14.6	32
98	Fluid and Highly Curved Model Membranes on Vertical Nanowire Arrays. Nano Letters, 2014, 14, 4286-4292.	9.1	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.	3.2	31
100	Adsorption and Aggregation of Cationic Amphiphilic Polyelectrolytes on Silica. Langmuir, 2005, 21, 2855-2864.	3.5	31
101	Surface Deposition and Phase Behavior of Oppositely Charged Polyion-Surfactant Ion Complexes. Delivery of Silicone Oil Emulsions to Hydrophobic and Hydrophilic Surfaces. ACS Applied Materials & Interfaces, 2011, 3, 2451-2462.	8.0	31
102	Aggregation Behavior of Bovine κ - and λ -Casein Studied with Small Angle Neutron Scattering, Light Scattering, and Cryogenic Transmission Electron Microscopy. Langmuir, 2012, 28, 13577-13589.	3.5	31
103	Nucleolipid bilayers: A quartz crystal microbalance and neutron reflectometry study. Colloids and Surfaces B: Biointerfaces, 2016, 137, 203-213.	5.0	31
104	Lipase action on a monoolein/sodium oleate aqueous cubic liquid crystalline phase—a NMR and X-ray diffraction study. Colloids and Surfaces B: Biointerfaces, 2002, 26, 159-171.	5.0	30
105	Disassembly of Dipeptide Single Crystals Can Transform the Lipid Membrane into a Network. ACS Nano, 2017, 11, 7349-7354.	14.6	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.	9.4	29
107	Milk membrane lipid vesicle structures studied with Cryo-TEM. Colloids and Surfaces B: Biointerfaces, 2003, 31, 257-264.	5.0	29
108	Nanowires for Biosensing: Lightguiding of Fluorescence as a Function of Diameter and Wavelength. Nano Letters, 2018, 18, 4796-4802.	9.1	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 Silica–Aqueous Interface. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 1500-1511.	8.0	28
110	Composition and structure of high temperature dairy fouling. <i>Food Structure</i> , 2016, 7, 13-20.	4.5	28
111	Evaluation of the structure of adsorbed layers of κ -casein from ellipsometry and surface force measurements. <i>International Dairy Journal</i> , 1999, 9, 313-317.	3.0	27
112	Towards redox active liquid crystalline phases of lipids: a monoolein/water system with entrapped derivatives of ferrocene. <i>Chemistry and Physics of Lipids</i> , 2003, 123, 87-97.	3.2	27
113	Surface Adsorption and Phase Separation of Oppositely Charged Polyion–Surfactant Ion Complexes: 3. Effects of Polyion Hydrophobicity. <i>Langmuir</i> , 2010, 26, 9357-9367.	3.5	27
114	Structural Biology of Calcium Phosphate Nanoclusters Sequestered by Phosphoproteins. <i>Crystals</i> , 2020, 10, 755.	2.2	27
115	Interfacial properties of whey proteins at air/water and oil/water interfaces studied by dynamic drop tensiometry, ellipsometry and spreading kinetics. <i>International Journal of Food Science and Technology</i> , 1999, 34, 573-585.	2.7	26
116	An X-ray diffraction study of alterations in bovine lung surfactant bilayer structures induced by albumin. <i>Chemistry and Physics of Lipids</i> , 2006, 144, 137-145.	3.2	26
117	SANS Study of the Interactions among DNA, a Cationic Surfactant, and Polystyrene Latex Particles. <i>Langmuir</i> , 2005, 21, 3578-3583.	3.5	25
118	Enzymatic Activity of Lipase–Nanoparticle Conjugates and the Digestion of Lipid Liquid Crystalline Assemblies. <i>Langmuir</i> , 2010, 26, 13590-13599.	3.5	25
119	Adsorption of Lipid Liquid Crystalline Nanoparticles: Effects of Particle Composition, Internal Structure, and Phase Behavior. <i>Langmuir</i> , 2012, 28, 10688-10696.	3.5	25
120	Effect of Phosphorylation on a Human-like Osteopontin Peptide. <i>Biophysical Journal</i> , 2017, 112, 1586-1596.	0.5	25
121	Thermodynamics of Transfer of Amphiphiles between the Liquid–Air Interface and a Solid Surface. <i>Wetting Tension Study of Langmuir–Blodgett Films</i> . <i>Langmuir</i> , 1997, 13, 1746-1757.	3.5	24
122	Mapping the location of grafted PNIPAAm in mesoporous SBA-15 silica using gas adsorption analysis. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 5651.	2.8	24
123	Interactions of PAMAM Dendrimers with Negatively Charged Model Biomembranes. <i>Journal of Physical Chemistry B</i> , 2014, 118, 12892-12906.	2.6	24
124	Formation of Inverse Topology Lyotropic Phases in Dioleoylphosphatidylcholine/Oleic Acid and Dioleoylphosphatidylethanolamine/Oleic Acid Binary Mixtures. <i>Langmuir</i> , 2014, 30, 3337-3344.	3.5	24
125	The bilayer melting transition in lung surfactant bilayers: the role of cholesterol. <i>European Biophysics Journal</i> , 2003, 31, 633-636.	2.2	23
126	Diffusivity measurements using holographic laser interferometry in a cubic lipid-water phase. <i>Chemistry and Physics of Lipids</i> , 1996, 84, 1-12.	3.2	22

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127	A Surface Force, Light Scattering, and Osmotic Pressure Study of Semidilute Aqueous Solutions of Ethyl(hydroxyethyl)cellulose Long-Range Attractive Force between Two Polymer-Coated Surfaces. <i>Langmuir</i> , 1998, 14, 5877-5889.	3.5	22
128	Neutron reflectometry to investigate the delivery of lipids and DNA to interfaces (Review). <i>Biointerphases</i> , 2008, 3, FB64-FB82.	1.6	22
129	Towards biomimics of cell membranes: Structural effect of phosphatidylinositol triphosphate (PIP3) on a lipid bilayer. <i>Colloids and Surfaces B: Biointerphases</i> , 2019, 173, 202-209.	5.0	22
130	Ellipsometry Studies of Nonionic Surfactant Adsorption at the Oil/Water Interface. <i>Langmuir</i> , 2005, 21, 149-159.	3.5	21
131	Novel evaluation method of neutron reflectivity data applied to stimulus-responsive polymer brushes. <i>Soft Matter</i> , 2008, 4, 500.	2.7	21
132	Association of anionic surfactant and physisorbed branched brush layers probed by neutron and optical reflectometry. <i>Journal of Colloid and Interface Science</i> , 2015, 440, 245-252.	9.4	21
133	Lipid Shell-Enveloped Polymeric Nanoparticles with High Integrity of Lipid Shells Improve Mucus Penetration and Interaction with Cystic Fibrosis-Related Bacterial Biofilms. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 10678-10687.	8.0	21
134	Qualitative and quantitative analysis of the biophysical interaction of inhaled nanoparticles with pulmonary surfactant by using quartz crystal microbalance with dissipation monitoring. <i>Journal of Colloid and Interface Science</i> , 2019, 545, 162-171.	9.4	21
135	Adsorption of Intact Cubic Liquid Crystalline Nanoparticles on Hydrophilic Surfaces: Lateral Organization, Interfacial Stability, Layer Structure, and Interaction Mechanism. <i>Journal of Physical Chemistry C</i> , 2009, 113, 4483-4494.	3.1	20
136	Assembly of RNA nanostructures on supported lipid bilayers. <i>Nanoscale</i> , 2015, 7, 583-596.	5.6	20
137	On the interaction of softwood hemicellulose with cellulose surfaces in relation to molecular structure and physicochemical properties of hemicellulose. <i>Soft Matter</i> , 2020, 16, 7063-7076.	2.7	20
138	Tuning lipid structure by bile salts: Hexosomes for topical administration of catechin. <i>Colloids and Surfaces B: Biointerphases</i> , 2021, 199, 111564.	5.0	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. <i>Vibrational Spectroscopy</i> , 1997, 15, 91-101.	2.2	19
140	Linear α -DNA Partitions Spontaneously into the Inverse Hexagonal Lyotropic Liquid Crystalline Phases of Phospholipids. <i>Journal of the American Chemical Society</i> , 2010, 132, 9728-9732.	13.7	19
141	RNA and DNA Association to Zwitterionic and Charged Monolayers at the Air/Liquid Interface. <i>Langmuir</i> , 2012, 28, 9621-9633.	3.5	19
142	β -Mannanase-catalyzed synthesis of alkyl mannoooligosides. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 5149-5163.	3.6	19
143	Protein/Emulsifier Interactions. , 2008, , 89-171.		18
144	Interactions of PAMAM Dendrimers with SDS at the Solid/Liquid Interface. <i>Langmuir</i> , 2013, 29, 5817-5831.	3.5	18

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