Robert K Thomas

List of Publications by Year
in descending order

323 papers	15,092 citations	15880 67 h-index	35168 102 g-index
323 all docs	323 docs citations	323 times ranked	8163 citing authors

#	Article	IF	Citations
1	The application of the specular reflection of neutrons to the study of surfaces and interfaces. Journal of Physics Condensed Matter, 1990, 2, 1369-1412.	0.7	505
2	Surfactant layers at the air/water interface: structure and composition. Advances in Colloid and Interface Science, 2000, 84, 143-304.	7.0	414
3	Polymer/surfactant interactions at the air/water interface. Advances in Colloid and Interface Science, 2007, 132, 69-110.	7.0	395
4	Recent advances in the study of chemical surfaces and interfaces by specular neutron reflection. Journal of the Chemical Society, Faraday Transactions, 1997, 93, 3899-3917.	1.7	319
5	Boundary lubrication under water. Nature, 2006, 444, 191-194.	13.7	304
6	Adsorption of Dodecyl Sulfate Surfactants with Monovalent Metal Counterions at the Air-Water Interface Studied by Neutron Reflection and Surface Tension. Journal of Colloid and Interface Science, 1993, 158, 303-316.	5.0	239
7	Structure of aqueous decyltrimethylammonium bromide solutions at the air water interface studied by the specular reflection of neutrons. The Journal of Physical Chemistry, 1989, 93, 381-388.	2.9	174
8	Neutron Reflectivity Studies of the Surface Excess of Gemini Surfactants at the Airâˆ'Water Interface. Langmuir, 1999, 15, 4392-4396.	1.6	160
9	The Effect of Solution pH on the Structure of Lysozyme Layers Adsorbed at the Silicaâˆ'Water Interface Studied by Neutron Reflection. Langmuir, 1998, 14, 438-445.	1.6	158
10	Neutron reflection study of bovine beta-casein adsorbed on OTS self-assembled monolayers. Science, 1995, 267, 657-660.	6.0	152
11	The Adsorption of Oppositely Charged Polyelectrolyte/Surfactant Mixtures:Â Neutron Reflection from Dodecyl Trimethylammonium Bromide and Sodium Poly(styrene sulfonate) at the Air/Water Interface. Langmuir, 2002, 18, 4748-4757.	1.6	148
12	Comparison of neutron reflection and surface tension measurements of the surface excess of tetradecyltrimethylammonium bromide layers at the air/water interface. The Journal of Physical Chemistry, 1992, 96, 1383-1388.	2.9	147
13	Organization of Polymerâˆ'Surfactant Mixtures at the Airâˆ'Water Interface: Sodium Dodecyl Sulfate and Poly(dimethyldiallylammonium chloride). Langmuir, 2002, 18, 5147-5153.	1.6	136
14	Structure of a cationic surfactant layer at the silica-water interface. Langmuir, 1990, 6, 1031-1034.	1.6	130
15	Investigation of Mixing in Binary Surfactant Solutions by Surface Tension and Neutron Reflection:Â Anionic/Nonionic and Zwitterionic/Nonionic Mixtures. Journal of Physical Chemistry B, 1997, 101, 9215-9223.	1.2	130
16	Gemini Surfactant/DNA Complex Monolayers at the Airâˆ'Water Interface:Â Effect of Surfactant Structure on the Assembly, Stability, and Topography of Monolayers. Langmuir, 2002, 18, 6222-6228.	1.6	130
17	The Analysis and Interpretation of Neutron and X-ray Specular Reflection. Acta Crystallographica Section A: Foundations and Advances, 1996, 52, 11-41.	0.3	129
18	Thermodynamics of Molecular Self-Assembly of Cationic Gemini and Related Double Chain Surfactants in Aqueous Solution. Journal of Physical Chemistry B, 2001, 105, 3105-3108.	1.2	128

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19	Neutron reflection from wet interfaces. Journal of the Chemical Society, Faraday Transactions, 1998, 94, 995-1018.	1.7	122
20	Adsorption of Oppositely Charged Polyelectrolyte/Surfactant Mixtures. Neutron Reflection from Alkyl Trimethylammonium Bromides and Sodium Poly(styrenesulfonate) at the Air/Water Interface:Â The Effect of Surfactant Chain Length. Langmuir, 2003, 19, 3712-3719.	1.6	122
21	Adsorption of Sodium Dodecyl Sulfate at the Surface of Aqueous Solutions of Poly(vinylpyrrolidone) Studied by Neutron Reflection. Langmuir, 1998, 14, 1637-1645.	1.6	119
22	Determination of the structure of a surfactant layer adsorbed at the silica/water interface by neutron reflection. Chemical Physics Letters, 1989, 162, 196-202.	1.2	118
23	The Composition and Structure of Sodium Dodecyl Sulfate-Dodecanol Mixtures Adsorbed at the Air-Water Interface: A Neutron Reflection Study. Journal of Colloid and Interface Science, 1995, 174, 441-455.	5.0	117
24	Study of the adsorption from aqueous solution of hexaethylene glycol monododecyl ether on silica substrates using the technique of neutron reflection. Langmuir, 1992, 8, 1204-1210.	1.6	115
25	Neutron Reflection from Hexadecyltrimethylammonium Bromide Adsorbed on Smooth and Rough Silicon Surfaces. Langmuir, 1996, 12, 6036-6043.	1.6	115
26	Effect of pH on the Adsorption of Bovine Serum Albumin at the Silica/Water Interface Studied by Neutron Reflection. Journal of Physical Chemistry B, 1999, 103, 3727-3736.	1.2	115
27	Neutron Reflection from Hexadecyltrimethylammonium Bromide Adsorbed at the Air/Liquid Interface: The Variation of the Hydrocarbon Chain Distribution with Surface Concentration. The Journal of Physical Chemistry, 1994, 98, 11519-11526.	2.9	114
28	Structural conformation of lysozyme layers at the air/water interface studied by neutron reflection. Journal of the Chemical Society, Faraday Transactions, 1998, 94, 3279-3287.	1.7	112
29	Structure of a Dodecyltrimethylammonium Bromide Layer at the Air/Water Interface Determined by Neutron Reflection: Comparison of the Monolayer Structure of Cationic Surfactants with Different Chain Lengths. Langmuir, 1995, 11, 1001-1008.	1.6	111
30	Structure of a tetradecyltrimethylammonium bromide layer at the air/water interface determined by neutron reflection. The Journal of Physical Chemistry, 1992, 96, 1373-1382.	2.9	109
31	Limitations in the Application of the Gibbs Equation to Anionic Surfactants at the Air/Water Surface: Sodium Dodecylsulfate and Sodium Dodecylmonooxyethylenesulfate Above and Below the CMC. Langmuir, 2013, 29, 9335-9351.	1.6	109
32	The use of contrast variation in the specular reflection of neutrons from interfaces. Physica B: Condensed Matter, 1991, 173, 143-156.	1.3	108
33	Direct determination by neutron reflection of the structure of triethylene glycol monododecyl ether layers at the air/water interface. Langmuir, 1993, 9, 1352-1360.	1.6	108
34	Adsorption of Polyelectrolyte/Surfactant Mixtures at the Airâ^'Solution Interface:â€‰ Poly(ethyleneimine)/Sodium Dodecyl Sulfate. Langmuir, 2005, 21, 10061-10073.	1.6	108
35	Study of an Adsorbed Layer of Hexadecyltrimethylammonium Bromide Using the Technique of Neutron Reflection. Journal of Colloid and Interface Science, 1994, 162, 304-310.	5.0	104
36	Macroscopic Modeling of the Surface Tension of Polymerâ^'Surfactant Systems. Langmuir, 2007, 23, 6042-6052.	1.6	100

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37	Diffusion of Water in Li-Montmorillonite Studied by Quasielastic Neutron Scattering. Clays and Clay Minerals, 1981, 29, 241-248.	0.6	97
38	Structure of Monolayers of Tetraethylene Glycol Monododecyl Ether Adsorbed on Self-Assembled Monolayers on Silicon:Â A Neutron Reflectivity Study. Langmuir, 1996, 12, 477-486.	1.6	97
39	Binding of Sodium Dodecyl Sulfate with Linear and Branched Polyethyleneimines in Aqueous Solution at Different pH Values. Langmuir, 2006, 22, 1526-1533.	1.6	97
40	Detailed Structure of the Hydrocarbon Chain in a Surfactant Monolayer at the Air/Water Interface: Neutron Reflection from Hexadecyltrimethylammonium Bromide. The Journal of Physical Chemistry, 1995, 99, 8233-8243.	2.9	96
41	Solution Self-Assembly and Adsorption at the Airâ^'Water Interface of the Monorhamnose and Dirhamnose Rhamnolipids and Their Mixtures. Langmuir, 2010, 26, 18281-18292.	1.6	96
42	Polyelectrolyte/surfactant mixtures at the airâ€“solution interface. Current Opinion in Colloid and Interface Science, 2006, 11, 337-344.	3.4	95
43	Neutron reflection from a layer of monododecyl hexaethylene glycol adsorbed at the air-liquid interface: the configuration of the ethylene glycol chain. The Journal of Physical Chemistry, 1993, 97, 8012-8020.	2.9	94
44	Solution and Adsorption Behavior of the Mixed Surfactant System Sodium Dodecyl Sulfate/n-Hexaethylene Glycol Monododecyl Ether. Langmuir, 1995, 11, 2496-2503.	1.6	93
45	Neutron Reflectivity Studies of the Adsorption of Aerosol-OT at the Air/Water Interface:Â The Surface Excess. Langmuir, 1997, 13, 3681-3685.	1.6	90
46	The Adsorption of Oppositely Charged Polyelectrolyte/Surfactant Mixtures at the Air/Water Interface:â€‰ Neutron Reflection from Dodecyl Trimethylammonium Bromide/Sodium Poly(styrene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.6	88
47	Application of the Gibbs Equation to the Adsorption of Nonionic Surfactants and Polymers at the Airâ€“Water Interface: Comparison with Surface Excesses Determined Directly using Neutron Reflectivity. Langmuir, 2013, 29, 9324-9334.	1.6	88
48	Apparent Anomalies in Surface Excesses Determined from Neutron Reflection and the Gibbs Equation in Anionic Surfactants with Particular Reference to Perfluorooctanoates at the Air/Water Interface. Langmuir, 1996, 12, 2446-2453.	1.6	87
49	Structure and Composition of Mixed Surfactant Micelles of Sodium Dodecyl Sulfate and Hexaethylene Glycol Monododecyl Ether and of Hexadecyltrimethylammonium Bromide and Hexaethylene Glycol Monododecyl Ether. Journal of Physical Chemistry B, 1999, 103, 5204-5211.	1.2	85
50	Aggregation of the Naturally Occurring Lipopeptide, Surfactin, at Interfaces and in Solution: An Unusual Type of Surfactant?. Langmuir, 2009, 25, 4211-4218.	1.6	85
51	The crystalline structures of the even alkanes hexane, octane, decane, dodecane and tetradecane monolayers adsorbed on graphite at submonolayer coverages and from the liquidElectronic Supplementary Information available. See http://www.rsc.org/suppdata/cp/b1/b108190j/. Physical Chemistry Chemical Physics, 2002, 4, 345-351.	1.3	84
52	Oxidation of oleic acid at the airâ€“water interface and its potential effects on cloud critical supersaturations. Physical Chemistry Chemical Physics, 2009, 11, 7699.	1.3	83
53	Neutron Diffraction from Clay-Water Systems. Clays and Clay Minerals, 1979, 27, 39-52.	0.6	81
54	Thermodynamics of Interaction between Cationic Gemini Surfactants and Hydrophobically Modified Polymers in Aqueous Solutions. Journal of Physical Chemistry B, 2002, 106, 2153-2159.	1.2	81

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55	Equilibrium Surface Adsorption Behavior in Complex Anionic/Nonionic Surfactant Mixtures. Langmuir, 2007, 23, 10140-10149.	1.6	80
56	Neutron Reflection from a Layer of Monododecyl Octaethylene Glycol Adsorbed at the Air-Liquid Interface: The Structure of the Layer and the Effects of Temperature. The Journal of Physical Chemistry, 1994, 98, 6559-6567.	2.9	77
57	The determination of segment density profiles of polyethylene oxide layers adsorbed at the air-water interface. Polymer, 1996, 37, 109-114.	1.8	77
58	Composition of Supported Model Membranes Determined by Neutron Reflection. Langmuir, 2005, 21, 2827-2837.	1.6	77
59	Structure of Mixed Anionic/Nonionic Surfactant Micelles:Â Experimental Observations Relating to the Role of Headgroup Electrostatic and Steric Effects and the Effects of Added Electrolyte. Journal of Physical Chemistry B, 2005, 109, 10760-10770.	1.2	75
60	Limitations in the Use of Surface Tension and the Gibbs Equation To Determine Surface Excesses of Cationic Surfactants. Langmuir, 2014, 30, 6739-6747.	1.6	75
61	Structure of adsorbed layers of ethylene glycol monododecyl ether surfactants with one, two, and four ethylene oxide groups, as determined by neutron reflection. Langmuir, 1993, 9, 2408-2416.	1.6	74
62	Interaction between Poly(ethylene oxide) and Sodium Dodecyl Sulfate Studied by Neutron Reflection. Journal of Physical Chemistry B, 1998, 102, 4912-4917.	1.2	74
63	Formation of supported phospholipid bilayers via co-adsorption with Î²-d-dodecyl maltoside. Biochimica Et Biophysica Acta - Biomembranes, 2005, 1668, 17-24.	1.4	72
64	Neutron reflection from triethylene glycol monododecyl ether adsorbed at the air-liquid interface: the variation of the hydrocarbon chain distribution with surface concentration. Langmuir, 1993, 9, 2417-2425.	1.6	71
65	Structure of an octadecyltrimethylammonium bromide layer at the air/water interface determined by neutron reflection: systematic errors in reflectivity measurements. The Journal of Physical Chemistry, 1993, 97, 6024-6033.	2.9	70
66	The Structure of Monododecyl Pentaethylene Glycol Monolayers with and without Added Dodecane at the Air/Solution Interface:â€‰ A Neutron Reflection Study. Journal of Physical Chemistry B, 1998, 102, 5785-5793.	1.2	70
67	Adsorption of Sodium Dodecyl Sulfate to a Polystyrene/Water Interface Studied by Neutron Reflection and Attenuated Total Reflection Infrared Spectroscopy. Langmuir, 1999, 15, 1017-1023.	1.6	67
68	NEUTRON REFLECTION FROM LIQUID INTERFACES. Annual Review of Physical Chemistry, 2004, 55, 391-426.	4.8	65
69	Mixing Behavior of the Biosurfactant, Rhamnolipid, with a Conventional Anionic Surfactant, Sodium Dodecyl Benzene Sulfonate. Langmuir, 2010, 26, 17958-17968.	1.6	65
70	The structure of the surface of ethanol/water mixtures. Molecular Physics, 1993, 80, 925-939.	0.8	64
71	Neutron Reflectivity of an Adsorbed Water-Soluble Block Copolymer:Â A Surface Transition to Micelle-like Aggregates at the Air/Water Interface. Journal of Physical Chemistry B, 1998, 102, 387-393.	1.2	64
72	Neutron and X-ray reflectometry of interfacial systems in colloid and polymer chemistry. Current Opinion in Colloid and Interface Science, 1996, 1, 23-33.	3.4	63

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73	Competitive Adsorption of Simple Linear Alkane Mixtures onto Graphite. Journal of Physical Chemistry B, 1998, 102, 10528-10534.	1.2	63
74	Microcalorimetric Study on Micellization of Nonionic Surfactants with a Benzene Ring or Adamantane in Their Hydrophobic Chains. Journal of Physical Chemistry B, 2005, 109, 16070-16074.	1.2	63
75	Adsorption of SDS and PVP at the air/water interface. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 1995, 94, 125-130.	2.3	62
76	Investigation of Mixing in Binary Surfactant Solutions by Surface Tension and Neutron Reflection:Â Strongly Interacting Anionic/Zwitterionic Mixtures. Journal of Physical Chemistry B, 1998, 102, 8834-8846.	1.2	62
77	The crystalline structures of the odd alkanes pentane, heptane, nonane, undecane, tridecane and pentadecane monolayers adsorbed on graphite at submonolayer coverages and from the liquidElectronic supplementary information (ESI) available: Fractional coordinates of single repeat units of some alkanes at sub-monolayer coverage and of the monolayer coexisting with the liquid. See http://www.rsc.org/suppdata/cp/b2/b201986b/. Physical Chemistry Chemical Physics, 2002, 4, 3430-3435.	1.3	62
78	The Adsorption Behavior of Ionic Surfactants and Their Mixtures with Nonionic Polymers and with Polyelectrolytes of Opposite Charge at the Airâ€“Water Interface. Journal of Physical Chemistry B, 2014, 118, 2769-2783.	1.2	62
79	The Interaction between Sodium Alkyl Sulfate Surfactants and the Oppositely Charged Polyelectrolyte, polyDMDAAC, at the Airâ^'Water Interface:Â The Role of Alkyl Chain Length and Electrolyte and Comparison with Theoretical Predictions. Langmuir, 2007, 23, 3128-3136.	1.6	61
80	Structure of Monolayers of Monododecyl Dodecaethylene Glycol at the Airâ^'Water Interface Studied by Neutron Reflection. Journal of Physical Chemistry B, 1997, 101, 10332-10339.	1.2	60
81	Adsorption and self-assembly of biosurfactants studied by neutron reflectivity and small angle neutron scattering: glycolipids, lipopeptides and proteins. Soft Matter, 2012, 8, 578-591.	1.2	58
82	Interaction between Poly(ethylene oxide) and Monovalent Dodecyl Sulfates Studied by Neutron Reflection. Langmuir, 1998, 14, 1990-1995.	1.6	57
83	Multilayers at the surface of solutions of exogenous lung surfactant: Direct observation by neutron reflection. Biochimica Et Biophysica Acta - Biomembranes, 2007, 1768, 228-235.	1.4	57
84	Solution Self-Assembly of the Sophorolipid Biosurfactant and Its Mixture with Anionic Surfactant Sodium Dodecyl Benzene Sulfonate. Langmuir, 2011, 27, 8867-8877.	1.6	57
85	Structure of the surface of a surfactant solution above the critical micelle concentration. The Journal of Physical Chemistry, 1993, 97, 13907-13913.	2.9	56
86	Adsorption of cubic liquid crystalline nanoparticles on model membranes. Soft Matter, 2008, 4, 2267.	1.2	56
87	Structure and Collapse of a Surface-Grown Strong Polyelectrolyte Brush on Sapphire. Langmuir, 2012, 28, 3187-3193.	1.6	56
88	Interaction between Gelatin and Sodium Dodecyl Sulfate at the Air/Water Interface:â€‰ A Neutron Reflection Study. Langmuir, 2000, 16, 6546-6554.	1.6	55
89	Organization of Polymerâ^'Surfactant Mixtures at the Airâ^'Water Interface:Â Poly(dimethyldiallylammonium chloride), Sodium Dodecyl Sulfate, and Hexaethylene Glycol Monododecyl Ether. Langmuir, 2002, 18, 5139-5146.	1.6	55
90	Structure and composition of dodecane layers spread on aqueous solutions of tetradecyltrimethylammonium bromide: neutron reflection and surface tension measurements. The Journal of Physical Chemistry, 1992, 96, 10971-10978.	2.9	54

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91	Structure of Nonionic Surfactant Layers Adsorbed at the Solid/Liquid Interface on Self-Assembled Monolayers with Different Surface Functionality:Â A Neutron Reflection Study. Langmuir, 1997, 13, 5451-5458.	1.6	53
92	Structure of a Diblock Copolymer Adsorbed at the Hydrophobic Solid/Aqueous Interface:Â Effects of Charge Density on a Weak Polyelectrolyte Brush. Macromolecules, 1999, 32, 2731-2738.	2.2	53
93	Interaction of oppositely charged polyelectrolyteâ€“ionic surfactant mixtures: adsorption of sodium poly(acrylic acid)â€“dodecyl trimethyl ammonium bromide mixtures at the airâ€“water interface. Soft Matter, 2005, 1, 310.	1.2	53
94	Neutron reflectivity and small angle neutron scattering: An introduction and perspective on recent progress. Current Opinion in Colloid and Interface Science, 2014, 19, 198-206.	3.4	53
95	Adsorption of Mixed Anionic and Nonionic Surfactants at the Hydrophilic Silicon Surface. Langmuir, 2002, 18, 5755-5760.	1.6	52
96	Swelling of n-Butylammonium Vermiculite in Water. Clays and Clay Minerals, 1990, 38, 90-96.	0.6	50
97	Surfactant Adsorption onto Cellulose Surfaces. Langmuir, 2007, 23, 8357-8364.	1.6	49
98	A Neutron Reflectivity Study of the Adsorption of Aerosol-OT on Self-Assembled Monolayers on Silicon. Journal of Colloid and Interface Science, 1996, 178, 531-537.	5.0	48
99	The Impact of Electrolyte on the Adsorption of Sodium Dodecyl Sulfate/Polyethyleneimine Complexes at the Airâ^'Solution Interface. Langmuir, 2007, 23, 3690-3698.	1.6	48
100	Surfactin Structures at Interfaces and in Solution: The Effect of pH and Cations. Journal of Physical Chemistry B, 2011, 115, 4427-4435.	1.2	48
101	Saponin Adsorption at the Airâ€“Water Interfaceâ€”Neutron Reflectivity and Surface Tension Study. Langmuir, 2018, 34, 9540-9547.	1.6	48
102	Surface composition of mixed surfactant monolayers at concentrations well in excess of the critical micelle concentration. A neutron scattering study. Langmuir, 1993, 9, 1651-1656.	1.6	47
103	Structure and Composition of Dodecane Layers Spread on Aqueous Solutions of Dodecyl- and Hexadecyltrimethylammonium Bromides Studied by Neutron Reflection. The Journal of Physical Chemistry, 1995, 99, 4113-4123.	2.9	47
104	Structure of an Adsorbed Layer ofn-Dodecyl-N,N-dimethylamino Acetate at the Air/Solution Interface As Determined by Neutron Reflection. Journal of Physical Chemistry B, 1997, 101, 7121-7126.	1.2	47
105	Quiescent bilayers at the micaâ€“water interface. Soft Matter, 2013, 9, 7028.	1.2	47
106	Adsorption of Sophorolipid Biosurfactants on Their Own and Mixed with Sodium Dodecyl Benzene Sulfonate, at the Air/Water Interface. Langmuir, 2011, 27, 8854-8866.	1.6	46
107	Interactions of Cationic Gemini Surfactants with Hydrophobically Modified Poly(acrylamides) Studied by Fluorescence and Microcalorimetry. Journal of Physical Chemistry B, 2005, 109, 12850-12855.	1.2	45
108	Adsorption Behavior of Hydrophobin and Hydrophobin/Surfactant Mixtures at the Airâ€“Water Interface. Langmuir, 2011, 27, 11316-11323.	1.6	45

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109	Effect of Hydrostatic Pressure on the Swelling of n-Butylammonium Vermiculite. Clays and Clay Minerals, 1989, 37, 474-478.	0.6	44
110	Adsorption of proteins from aqueous solutions on hydrophobic surfaces studied by neutron reflection. Physical Chemistry Chemical Physics, 2000, 2, 5214-5221.	1.3	44
111	Unusual Surface Structure in Layers of Cationic Gemini Surfactants Adsorbed at the Air/Water Interface:Â A Neutron Reflection Study. Langmuir, 2002, 18, 6614-6622.	1.6	44
112	Rotational tunnelling of methane adsorbed on graphite. Molecular Physics, 1981, 44, 533-555.	0.8	43
113	Neutron Reflectivity Studies of the Adsorption of Aerosol-OT at the Airâ^'Water Interface:â€‰ The Structure of the Sodium Salt. Journal of Physical Chemistry B, 1997, 101, 1615-1620.	1.2	43
114	Adsorption of Polymer/Surfactant Mixtures at the Airâ^'Water Interface:Â Ethoxylated Poly(ethyleneimine) and Sodium Dodecyl Sulfateâ€. Langmuir, 2003, 19, 7740-7745.	1.6	43
115	The interfacial structure and Young's modulus of peptide films having switchable mechanical properties. Journal of the Royal Society Interface, 2008, 5, 47-54.	1.5	43
116	The Surface and Solution Properties of Dihexadecyl Dimethylammonium Bromide. Langmuir, 2008, 24, 6509-6520.	1.6	43
117	The Impact of Multivalent Counterions, Al³⁺, on the Surface Adsorption and Self-Assembly of the Anionic Surfactant Alkyloxyethylene Sulfate and Anionic/Nonionic Surfactant Mixtures. Langmuir, 2010, 26, 16699-16709.	1.6	43
118	Adsorption of the Lamellar Phase of Aerosol-OT at the Solid/Liquid and Air/Liquid Interfaces. Journal of Physical Chemistry B, 1999, 103, 10800-10806.	1.2	42
119	Analysis of the Asymmetric Synergy in the Adsorption of Zwitterionicâ€“Ionic Surfactant Mixtures at the Airâ€“Water Interface below and above the Critical Micelle Concentration. Journal of Physical Chemistry B, 2016, 120, 3677-3691.	1.2	42
120	The application of neutron reflection to the study of layers adsorbed at liquid interfaces. Colloids and Surfaces, 1991, 52, 85-106.	0.9	41
121	Solid Monolayers Adsorbed at the Solidâ^'Liquid Interface Studied by Incoherent Elastic Neutron Scattering. Journal of Physical Chemistry B, 1997, 101, 8878-8882.	1.2	41
122	Adsorption and self-assembly properties of the plant based biosurfactant, Glycyrrhizic acid. Journal of Colloid and Interface Science, 2021, 598, 444-454.	5.0	41
123	Structure of a Monolayer of Hexadecyltrimethylammoniump-Tosylate at the Airâ^'Water Interface. Journal of the American Chemical Society, 1997, 119, 10227-10228.	6.6	40
124	Aggregation Properties of Cationic Gemini Surfactants with Partially Fluorinated Spacers in Aqueous Solution. Langmuir, 2006, 22, 42-45.	1.6	40
125	Influence of Calcium Ions on Rhamnolipid and Rhamnolipid/Anionic Surfactant Adsorption and Self-Assembly. Langmuir, 2013, 29, 3912-3923.	1.6	40
126	Structure of hydrocarbon chains in surfactant monolayers at the air/water interface: neutron reflection from dodecyl trimethylammonium bromide. Journal of the Chemical Society, Faraday Transactions, 1996, 92, 403.	1.7	39

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127	Ordered Structures of Dichain Cationic Surfactants at Interfacesâ€. Langmuir, 2003, 19, 7719-7726.	1.6	39
128	Neutron Reflectometry of Quaternary Gemini Surfactants as a Function of Alkyl Chain Length: Anomalies Arising from Ion Association and Premicellar Aggregation. Langmuir, 2011, 27, 2575-2586.	1.6	39
129	The Formation of Surface Multilayers at the Airâ€“Water Interface from Sodium Polyethylene Glycol Monoalkyl Ether Sulfate/AlCl₃ Solutions: The Role of the Size of the Polyethylene Oxide Group. Langmuir, 2013, 29, 11656-11666.	1.6	39
130	Manipulation of the Adsorption of Ionic Surfactants onto Hydrophilic Silica Using Polyelectrolytes. Langmuir, 2004, 20, 7177-7182.	1.6	38
131	Adsorption of Polymerâ€“Surfactant Mixtures at the Oilâ€“Water Interface. Langmuir, 2012, 28, 14974-14982.	1.6	38
132	Surface Behavior, Aggregation and Phase Separation of Aqueous Mixtures of Dodecyl Trimethylammonium Bromide and Sodium Oligoarene Sulfonates: the Transition to Polyelectrolyte/Surfactant Behavior. Langmuir, 2012, 28, 327-338.	1.6	38
133	Adsorption of mixed cationicâ€“non-ionic surfactants at the air/water interface. Journal of the Chemical Society, Faraday Transactions, 1996, 92, 1773-1779.	1.7	37
134	Multilayering of Surfactant Systems at the Airâ€“Dilute Aqueous Solution Interface. Langmuir, 2015, 31, 7440-7456.	1.6	37
135	The structure and properties of methane adsorbed on graphitized carbon black determined by neutron diffraction. Molecular Physics, 1981, 43, 601-620.	0.8	36
136	Neutron and X-ray Reflectivity Studies of Water-Soluble Block and Statistical Copolymers Adsorbed at the Airâˆ’Water Interface. Macromolecules, 1996, 29, 6892-6900.	2.2	36
137	The Structure of the Mixed Nonionic Surfactant Monolayer of Monododecyl Triethylene Glycol and Monododecyl Octaethylene Glycol at the Airâ€“Water Interface. Journal of Colloid and Interface Science, 1998, 201, 223-232.	5.0	36
138	Conformal Roughness in the Adsorbed Lamellar Phase of Aerosol-OT at the Airâˆ’Water and Liquidâˆ’Solid Interfaces. Langmuir, 2001, 17, 5858-5864.	1.6	36
139	Interaction of a Cationic Gemini Surfactant with DNA and with Sodium Poly(styrene sulphonate) at the Air/Water Interface: A Neutron Reflectometry Study. Langmuir, 2009, 25, 4027-4035.	1.6	36
140	Directed microbial biosynthesis of deuterated biosurfactants and potential future application to other bioactive molecules. Applied Microbiology and Biotechnology, 2010, 87, 1347-1354.	1.7	36
141	Destruction and Solubilization of Supported Phospholipid Bilayers on Silica by the Biosurfactant Surfactin. Langmuir, 2010, 26, 7334-7342.	1.6	36
142	Synchrotron XRR study of soft nanofilms at the micaâ€“water interface. Soft Matter, 2012, 8, 5055.	1.2	36
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