

Robert K Thomas

List of Publications by Year in descending order

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323
papers

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13865

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times ranked

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#	ARTICLE	IF	CITATIONS
1	The application of the specular reflection of neutrons to the study of surfaces and interfaces. <i>Journal of Physics Condensed Matter</i> , 1990, 2, 1369-1412.	1.8	505
2	Surfactant layers at the air/water interface: structure and composition. <i>Advances in Colloid and Interface Science</i> , 2000, 84, 143-304.	14.7	414
3	Polymer/surfactant interactions at the air/water interface. <i>Advances in Colloid and Interface Science</i> , 2007, 132, 69-110.	14.7	395
4	Recent advances in the study of chemical surfaces and interfaces by specular neutron reflection. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1997, 93, 3899-3917.	1.7	319
5	Boundary lubrication under water. <i>Nature</i> , 2006, 444, 191-194.	27.8	304
6	Adsorption of Dodecyl Sulfate Surfactants with Monovalent Metal Counterions at the Air-Water Interface Studied by Neutron Reflection and Surface Tension. <i>Journal of Colloid and Interface Science</i> , 1993, 158, 303-316.	9.4	239
7	Structure of aqueous decyltrimethylammonium bromide solutions at the air water interface studied by the specular reflection of neutrons. <i>The Journal of Physical Chemistry</i> , 1989, 93, 381-388.	2.9	174
8	Neutron Reflectivity Studies of the Surface Excess of Gemini Surfactants at the Air~Water Interface. <i>Langmuir</i> , 1999, 15, 4392-4396.	3.5	160
9	The Effect of Solution pH on the Structure of Lysozyme Layers Adsorbed at the Silica~Water Interface Studied by Neutron Reflection. <i>Langmuir</i> , 1998, 14, 438-445.	3.5	158
10	Neutron reflection study of bovine beta-casein adsorbed on OTS self-assembled monolayers. <i>Science</i> , 1995, 267, 657-660.	12.6	152
11	The Adsorption of Oppositely Charged Polyelectrolyte/Surfactant Mixtures:~ Neutron Reflection from Dodecyl Trimethylammonium Bromide and Sodium Poly(styrene sulfonate) at the Air/Water Interface. <i>Langmuir</i> , 2002, 18, 4748-4757.	3.5	148
12	Comparison of neutron reflection and surface tension measurements of the surface excess of tetradecyltrimethylammonium bromide layers at the air/water interface. <i>The Journal of Physical Chemistry</i> , 1992, 96, 1383-1388.	2.9	147
13	Organization of Polymer~Surfactant Mixtures at the Air~Water Interface: Sodium Dodecyl Sulfate and Poly(dimethyldiallylammonium chloride). <i>Langmuir</i> , 2002, 18, 5147-5153.	3.5	136
14	Structure of a cationic surfactant layer at the silica-water interface. <i>Langmuir</i> , 1990, 6, 1031-1034.	3.5	130
15	Investigation of Mixing in Binary Surfactant Solutions by Surface Tension and Neutron Reflection:~ Anionic/Nonionic and Zwitterionic/Nonionic Mixtures. <i>Journal of Physical Chemistry B</i> , 1997, 101, 9215-9223.	2.6	130
16	Gemini Surfactant/DNA Complex Monolayers at the Air~Water Interface:~ Effect of Surfactant Structure on the Assembly, Stability, and Topography of Monolayers. <i>Langmuir</i> , 2002, 18, 6222-6228.	3.5	130
17	The Analysis and Interpretation of Neutron and X-ray Specular Reflection. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 1996, 52, 11-41.	0.3	129
18	Thermodynamics of Molecular Self-Assembly of Cationic Gemini and Related Double Chain Surfactants in Aqueous Solution. <i>Journal of Physical Chemistry B</i> , 2001, 105, 3105-3108.	2.6	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: The Effect of Surfactant Chain Length. Langmuir, 2003, 19, 3712-3719.	3.5	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.	3.5	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.	2.6	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.	9.4	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.	3.5	115
25	Neutron Reflection from Hexadecyltrimethylammonium Bromide Adsorbed on Smooth and Rough Silicon Surfaces. Langmuir, 1996, 12, 6036-6043.	3.5	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.	2.6	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.	3.5	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.	3.5	109
32	The use of contrast variation in the specular reflection of neutrons from interfaces. Physica B: Condensed Matter, 1991, 173, 143-156.	2.7	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.	3.5	108
34	Adsorption of Polyelectrolyte/Surfactant Mixtures at the Air~Solution Interface: Poly(ethyleneimine)/Sodium Dodecyl Sulfate. Langmuir, 2005, 21, 10061-10073.	3.5	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.	9.4	104
36	Macroscopic Modeling of the Surface Tension of Polymer~Surfactant Systems. Langmuir, 2007, 23, 6042-6052.	3.5	100

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37	Diffusion of Water in Li-Montmorillonite Studied by Quasielastic Neutron Scattering. <i>Clays and Clay Minerals</i> , 1981, 29, 241-248.	1.3	97
38	Structure of Monolayers of Tetraethylene Glycol Monododecyl Ether Adsorbed on Self-Assembled Monolayers on Silicon: A Neutron Reflectivity Study. <i>Langmuir</i> , 1996, 12, 477-486.	3.5	97
39	Binding of Sodium Dodecyl Sulfate with Linear and Branched Polyethyleneimines in Aqueous Solution at Different pH Values. <i>Langmuir</i> , 2006, 22, 1526-1533.	3.5	97
40	Detailed Structure of the Hydrocarbon Chain in a Surfactant Monolayer at the Air/Water Interface: Neutron Reflection from Hexadecyltrimethylammonium Bromide. <i>The Journal of Physical Chemistry</i> , 1995, 99, 8233-8243.	2.9	96
41	Solution Self-Assembly and Adsorption at the Air/Water Interface of the Monorhamnose and Dirhamnose Rhamnolipids and Their Mixtures. <i>Langmuir</i> , 2010, 26, 18281-18292.	3.5	96
42	Polyelectrolyte/surfactant mixtures at the air/water solution interface. <i>Current Opinion in Colloid and Interface Science</i> , 2006, 11, 337-344.	7.4	95
43	Neutron reflection from a layer of monododecyl hexaethylene glycol adsorbed at the air-liquid interface: the configuration of the ethylene glycol chain. <i>The Journal of Physical Chemistry</i> , 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. <i>Langmuir</i> , 1995, 11, 2496-2503.	3.5	93
45	Neutron Reflectivity Studies of the Adsorption of Aerosol-OT at the Air/Water Interface: The Surface Excess. <i>Langmuir</i> , 1997, 13, 3681-3685.	3.5	90
46	The Adsorption of Oppositely Charged Polyelectrolyte/Surfactant Mixtures at the Air/Water Interface: Neutron Reflection from Dodecyl Trimethylammonium Bromide/Sodium Poly(styrene) Sulfate. <i>Langmuir</i> , 2000, 16, 1000-1005.	3.5	88
47	Application of the Gibbs Equation to the Adsorption of Nonionic Surfactants and Polymers at the Air/Water Interface: Comparison with Surface Excesses Determined Directly using Neutron Reflectivity. <i>Langmuir</i> , 2013, 29, 9324-9334.	3.5	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. <i>Langmuir</i> , 1996, 12, 2446-2453.	3.5	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. <i>Journal of Physical Chemistry B</i> , 1999, 103, 5204-5211.	2.6	85
50	Aggregation of the Naturally Occurring Lipopeptide, Surfactin, at Interfaces and in Solution: An Unusual Type of Surfactant?. <i>Langmuir</i> , 2009, 25, 4211-4218.	3.5	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/ . <i>Physical Chemistry Chemical Physics</i> , 2002, 4, 345-351.	2.8	84
52	Oxidation of oleic acid at the air/water interface and its potential effects on cloud critical supersaturations. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 7699.	2.8	83
53	Neutron Diffraction from Clay-Water Systems. <i>Clays and Clay Minerals</i> , 1979, 27, 39-52.	1.3	81
54	Thermodynamics of Interaction between Cationic Gemini Surfactants and Hydrophobically Modified Polymers in Aqueous Solutions. <i>Journal of Physical Chemistry B</i> , 2002, 106, 2153-2159.	2.6	81

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55	Equilibrium Surface Adsorption Behavior in Complex Anionic/Nonionic Surfactant Mixtures. <i>Langmuir</i> , 2007, 23, 10140-10149.	3.5	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. <i>The Journal of Physical Chemistry</i> , 1994, 98, 6559-6567.	2.9	77
57	The determination of segment density profiles of polyethylene oxide layers adsorbed at the air-water interface. <i>Polymer</i> , 1996, 37, 109-114.	3.8	77
58	Composition of Supported Model Membranes Determined by Neutron Reflection. <i>Langmuir</i> , 2005, 21, 2827-2837.	3.5	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. <i>Journal of Physical Chemistry B</i> , 2005, 109, 10760-10770.	2.6	75
60	Limitations in the Use of Surface Tension and the Gibbs Equation To Determine Surface Excesses of Cationic Surfactants. <i>Langmuir</i> , 2014, 30, 6739-6747.	3.5	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. <i>Langmuir</i> , 1993, 9, 2408-2416.	3.5	74
62	Interaction between Poly(ethylene oxide) and Sodium Dodecyl Sulfate Studied by Neutron Reflection. <i>Journal of Physical Chemistry B</i> , 1998, 102, 4912-4917.	2.6	74
63	Formation of supported phospholipid bilayers via co-adsorption with $\hat{1}^2$ -d-dodecyl maltoside. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2005, 1668, 17-24.	2.6	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. <i>Langmuir</i> , 1993, 9, 2417-2425.	3.5	71
65	Structure of an octadecyltrimethylammonium bromide layer at the air/water interface determined by neutron reflection: systematic errors in reflectivity measurements. <i>The Journal of Physical Chemistry</i> , 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. <i>Journal of Physical Chemistry B</i> , 1998, 102, 5785-5793.	2.6	70
67	Adsorption of Sodium Dodecyl Sulfate to a Polystyrene/Water Interface Studied by Neutron Reflection and Attenuated Total Reflection Infrared Spectroscopy. <i>Langmuir</i> , 1999, 15, 1017-1023.	3.5	67
68	NEUTRON REFLECTION FROM LIQUID INTERFACES. <i>Annual Review of Physical Chemistry</i> , 2004, 55, 391-426.	10.8	65
69	Mixing Behavior of the Biosurfactant, Rhamnolipid, with a Conventional Anionic Surfactant, Sodium Dodecyl Benzene Sulfonate. <i>Langmuir</i> , 2010, 26, 17958-17968.	3.5	65
70	The structure of the surface of ethanol/water mixtures. <i>Molecular Physics</i> , 1993, 80, 925-939.	1.7	64
71	Neutron Reflectivity of an Adsorbed Water-Soluble Block Copolymer:Â A Surface Transition to Micelle-like Aggregates at the Air/Water Interface. <i>Journal of Physical Chemistry B</i> , 1998, 102, 387-393.	2.6	64
72	Neutron and X-ray reflectometry of interfacial systems in colloid and polymer chemistry. <i>Current Opinion in Colloid and Interface Science</i> , 1996, 1, 23-33.	7.4	63

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73	Competitive Adsorption of Simple Linear Alkane Mixtures onto Graphite. Journal of Physical Chemistry B, 1998, 102, 10528-10534.	2.6	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.	2.6	63
75	Adsorption of SDS and PVP at the air/water interface. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 1995, 94, 125-130.	4.7	62
76	Investigation of Mixing in Binary Surfactant Solutions by Surface Tension and Neutron Reflection: A Strongly Interacting Anionic/Zwitterionic Mixtures. Journal of Physical Chemistry B, 1998, 102, 8834-8846.	2.6	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 liquid. Electronic 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.suppdata/cp/b2/b201988b/ . Physical Chemistry Chemical Physics, 2002, 4, 3430-3435.	2.8	62
78	The Adsorption Behavior of Ionic Surfactants and Their Mixtures with Nonionic Polymers and with Polyelectrolytes of Opposite Charge at the Air-Water Interface. Journal of Physical Chemistry B, 2014, 118, 2769-2783.	2.6	62
79	The Interaction between Sodium Alkyl Sulfate Surfactants and the Oppositely Charged Polyelectrolyte, polyDMAAC, at the Air-Water Interface: The Role of Alkyl Chain Length and Electrolyte and Comparison with Theoretical Predictions. Langmuir, 2007, 23, 3128-3136.	3.5	61
80	Structure of Monolayers of Monododecyl Dodecaethylene Glycol at the Air-Water Interface Studied by Neutron Reflection. Journal of Physical Chemistry B, 1997, 101, 10332-10339.	2.6	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.	2.7	58
82	Interaction between Poly(ethylene oxide) and Monovalent Dodecyl Sulfates Studied by Neutron Reflection. Langmuir, 1998, 14, 1990-1995.	3.5	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.	2.6	57
84	Solution Self-Assembly of the Sophorolipid Biosurfactant and Its Mixture with Anionic Surfactant Sodium Dodecyl Benzene Sulfonate. Langmuir, 2011, 27, 8867-8877.	3.5	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.	2.7	56
87	Structure and Collapse of a Surface-Grown Strong Polyelectrolyte Brush on Sapphire. Langmuir, 2012, 28, 3187-3193.	3.5	56
88	Interaction between Gelatin and Sodium Dodecyl Sulfate at the Air/Water Interface: A Neutron Reflection Study. Langmuir, 2000, 16, 6546-6554.	3.5	55
89	Organization of Polymer-Surfactant Mixtures at the Air-Water Interface: Poly(dimethyldiallylammonium chloride), Sodium Dodecyl Sulfate, and Hexaethylene Glycol Monododecyl Ether. Langmuir, 2002, 18, 5139-5146.	3.5	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: A Neutron Reflection Study. <i>Langmuir</i> , 1997, 13, 5451-5458.	3.5	53
92	Structure of a Diblock Copolymer Adsorbed at the Hydrophobic Solid/Aqueous Interface: Effects of Charge Density on a Weak Polyelectrolyte Brush. <i>Macromolecules</i> , 1999, 32, 2731-2738.	4.8	53
93	Interaction of oppositely charged polyelectrolyte-ionic surfactant mixtures: adsorption of sodium poly(acrylic acid)-dodecyl trimethyl ammonium bromide mixtures at the air-water interface. <i>Soft Matter</i> , 2005, 1, 310.	2.7	53
94	Neutron reflectivity and small angle neutron scattering: An introduction and perspective on recent progress. <i>Current Opinion in Colloid and Interface Science</i> , 2014, 19, 198-206.	7.4	53
95	Adsorption of Mixed Anionic and Nonionic Surfactants at the Hydrophilic Silicon Surface. <i>Langmuir</i> , 2002, 18, 5755-5760.	3.5	52
96	Swelling of n-Butylammonium Vermiculite in Water. <i>Clays and Clay Minerals</i> , 1990, 38, 90-96.	1.3	50
97	Surfactant Adsorption onto Cellulose Surfaces. <i>Langmuir</i> , 2007, 23, 8357-8364.	3.5	49
98	A Neutron Reflectivity Study of the Adsorption of Aerosol-OT on Self-Assembled Monolayers on Silicon. <i>Journal of Colloid and Interface Science</i> , 1996, 178, 531-537.	9.4	48
99	The Impact of Electrolyte on the Adsorption of Sodium Dodecyl Sulfate/Polyethyleneimine Complexes at the Air-Solution Interface. <i>Langmuir</i> , 2007, 23, 3690-3698.	3.5	48
100	Surfactin Structures at Interfaces and in Solution: The Effect of pH and Cations. <i>Journal of Physical Chemistry B</i> , 2011, 115, 4427-4435.	2.6	48
101	Saponin Adsorption at the Air-Water Interface Neutron Reflectivity and Surface Tension Study. <i>Langmuir</i> , 2018, 34, 9540-9547.	3.5	48
102	Surface composition of mixed surfactant monolayers at concentrations well in excess of the critical micelle concentration. A neutron scattering study. <i>Langmuir</i> , 1993, 9, 1651-1656.	3.5	47
103	Structure and Composition of Dodecane Layers Spread on Aqueous Solutions of Dodecyl- and Hexadecyltrimethylammonium Bromides Studied by Neutron Reflection. <i>The Journal of Physical Chemistry</i> , 1995, 99, 4113-4123.	2.9	47
104	Structure of an Adsorbed Layer of n-Dodecyl-N,N-dimethylamino Acetate at the Air/Solution Interface As Determined by Neutron Reflection. <i>Journal of Physical Chemistry B</i> , 1997, 101, 7121-7126.	2.6	47
105	Quiescent bilayers at the mica-water interface. <i>Soft Matter</i> , 2013, 9, 7028.	2.7	47
106	Adsorption of Sophorolipid Biosurfactants on Their Own and Mixed with Sodium Dodecyl Benzene Sulfonate, at the Air/Water Interface. <i>Langmuir</i> , 2011, 27, 8854-8866.	3.5	46
107	Interactions of Cationic Gemini Surfactants with Hydrophobically Modified Poly(acrylamides) Studied by Fluorescence and Microcalorimetry. <i>Journal of Physical Chemistry B</i> , 2005, 109, 12850-12855.	2.6	45
108	Adsorption Behavior of Hydrophobin and Hydrophobin/Surfactant Mixtures at the Air-Water Interface. <i>Langmuir</i> , 2011, 27, 11316-11323.	3.5	45

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109	Effect of Hydrostatic Pressure on the Swelling of n-Butylammonium Vermiculite. <i>Clays and Clay Minerals</i> , 1989, 37, 474-478.	1.3	44
110	Adsorption of proteins from aqueous solutions on hydrophobic surfaces studied by neutron reflection. <i>Physical Chemistry Chemical Physics</i> , 2000, 2, 5214-5221.	2.8	44
111	Unusual Surface Structure in Layers of Cationic Gemini Surfactants Adsorbed at the Air/Water Interface: A Neutron Reflection Study. <i>Langmuir</i> , 2002, 18, 6614-6622.	3.5	44
112	Rotational tunnelling of methane adsorbed on graphite. <i>Molecular Physics</i> , 1981, 44, 533-555.	1.7	43
113	Neutron Reflectivity Studies of the Adsorption of Aerosol-OT at the Air/Water Interface: The Structure of the Sodium Salt. <i>Journal of Physical Chemistry B</i> , 1997, 101, 1615-1620.	2.6	43
114	Adsorption of Polymer/Surfactant Mixtures at the Air/Water Interface: Ethoxylated Poly(ethyleneimine) and Sodium Dodecyl Sulfate. <i>Langmuir</i> , 2003, 19, 7740-7745.	3.5	43
115	The interfacial structure and Young's modulus of peptide films having switchable mechanical properties. <i>Journal of the Royal Society Interface</i> , 2008, 5, 47-54.	3.4	43
116	The Surface and Solution Properties of Dihexadecyl Dimethylammonium Bromide. <i>Langmuir</i> , 2008, 24, 6509-6520.	3.5	43
117	The Impact of Multivalent Counterions, Al^{3+} , on the Surface Adsorption and Self-Assembly of the Anionic Surfactant Alkylxyethylene Sulfate and Anionic/Nonionic Surfactant Mixtures. <i>Langmuir</i> , 2010, 26, 16699-16709.	3.5	43
118	Adsorption of the Lamellar Phase of Aerosol-OT at the Solid/Liquid and Air/Liquid Interfaces. <i>Journal of Physical Chemistry B</i> , 1999, 103, 10800-10806.	2.6	42
119	Analysis of the Asymmetric Synergy in the Adsorption of Zwitterionic/Ionic Surfactant Mixtures at the Air/Water Interface below and above the Critical Micelle Concentration. <i>Journal of Physical Chemistry B</i> , 2016, 120, 3677-3691.	2.6	42
120	The application of neutron reflection to the study of layers adsorbed at liquid interfaces. <i>Colloids and Surfaces</i> , 1991, 52, 85-106.	0.9	41
121	Solid Monolayers Adsorbed at the Solid/Liquid Interface Studied by Incoherent Elastic Neutron Scattering. <i>Journal of Physical Chemistry B</i> , 1997, 101, 8878-8882.	2.6	41
122	Adsorption and self-assembly properties of the plant based biosurfactant, Glycyrrhizic acid. <i>Journal of Colloid and Interface Science</i> , 2021, 598, 444-454.	9.4	41
123	Structure of a Monolayer of Hexadecyltrimethylammonium-Tosylate at the Air/Water Interface. <i>Journal of the American Chemical Society</i> , 1997, 119, 10227-10228.	13.7	40
124	Aggregation Properties of Cationic Gemini Surfactants with Partially Fluorinated Spacers in Aqueous Solution. <i>Langmuir</i> , 2006, 22, 42-45.	3.5	40
125	Influence of Calcium Ions on Rhamnolipid and Rhamnolipid/Anionic Surfactant Adsorption and Self-Assembly. <i>Langmuir</i> , 2013, 29, 3912-3923.	3.5	40
126	Structure of hydrocarbon chains in surfactant monolayers at the air/water interface: neutron reflection from dodecyl trimethylammonium bromide. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1996, 92, 403.	1.7	39

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127	Ordered Structures of Dichain Cationic Surfactants at Interfaces. Langmuir, 2003, 19, 7719-7726.	3.5	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.	3.5	39
129	The Formation of Surface Multilayers at the Air-Water Interface from Sodium Polyethylene Glycol Monoalkyl Ether Sulfate/ AlCl_3 Solutions: The Role of the Size of the Polyethylene Oxide Group. Langmuir, 2013, 29, 11656-11666.	3.5	39
130	Manipulation of the Adsorption of Ionic Surfactants onto Hydrophilic Silica Using Polyelectrolytes. Langmuir, 2004, 20, 7177-7182.	3.5	38
131	Adsorption of Polymer-Surfactant Mixtures at the Oil-Water Interface. Langmuir, 2012, 28, 14974-14982.	3.5	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.	3.5	38
133	Adsorption of mixed cationic-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 Air-Dilute Aqueous Solution Interface. Langmuir, 2015, 31, 7440-7456.	3.5	37
135	The structure and properties of methane adsorbed on graphitized carbon black determined by neutron diffraction. Molecular Physics, 1981, 43, 601-620.	1.7	36
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