

# J Penfold

## List of Publications by Year in descending order

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261  
papers

13,233  
citations

20036

63  
h-index

36203

101  
g-index

263  
all docs

263  
docs citations

263  
times ranked

6952  
citing authors

#	ARTICLE	IF	CITATIONS
1	Determination of micelle structure and charge by neutron small-angle scattering. <i>Colloid and Polymer Science</i> , 1983, 261, 1022-1030.	1.0	641
2	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.	0.7	505
3	Surfactant layers at the air/water interface: structure and composition. <i>Advances in Colloid and Interface Science</i> , 2000, 84, 143-304.	7.0	414
4	Polymer/surfactant interactions at the air/water interface. <i>Advances in Colloid and Interface Science</i> , 2007, 132, 69-110.	7.0	395
5	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
6	SANS at Pulsed Neutron Sources: Present and Future Prospects. <i>Journal of Applied Crystallography</i> , 1997, 30, 1140-1147.	1.9	282
7	Evidence for Capillary Waves at Immiscible Polymer/Polymer Interfaces. <i>Physical Review Letters</i> , 1997, 78, 3693-3696.	2.9	195
8	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
9	The Conformational Structure of Bovine Serum Albumin Layers Adsorbed at the Silica~Water Interface. <i>Journal of Physical Chemistry B</i> , 1998, 102, 8100-8108.	1.2	170
10	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.	1.6	158
11	Neutron reflection study of bovine beta-casein adsorbed on OTS self-assembled monolayers. <i>Science</i> , 1995, 267, 657-660.	6.0	152
12	The Adsorption of Oppositely Charged Polyelectrolyte/Surfactant Mixtures: A Neutron Reflection from Dodecyl Trimethylammonium Bromide and Sodium Poly(styrene sulfonate) at the Air/Water Interface. <i>Langmuir</i> , 2002, 18, 4748-4757.	1.6	148
13	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
14	A time-of-flight neutron reflectometer for surface and interfacial studies. <i>Journal of Physics E: Scientific Instruments</i> , 1987, 20, 1411-1417.	0.7	137
15	Organization of Polymer~Surfactant Mixtures at the Air~Water Interface: Sodium Dodecyl Sulfate and Poly(dimethyldiallylammonium chloride). <i>Langmuir</i> , 2002, 18, 5147-5153.	1.6	136
16	Investigation of Mixing in Binary Surfactant Solutions by Surface Tension and Neutron Reflection: A Anionic/Nonionic and Zwitterionic/Nonionic Mixtures. <i>Journal of Physical Chemistry B</i> , 1997, 101, 9215-9223.	1.2	130
17	Study of Mixed Micelles and Interaction Parameters for ABA Triblock Copolymers of the Type EO~PO~EO and Ionic Surfactants: Equilibrium and Structure. <i>Langmuir</i> , 2002, 18, 9267-9275.	1.6	122
18	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. <i>Langmuir</i> , 2003, 19, 3712-3719.	1.6	122

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19	Neutron reflection investigation of the interface between an immiscible polymer pair. <i>Polymer</i> , 1988, 29, 1923-1928.	1.8	119
20	Adsorption of Sodium Dodecyl Sulfate at the Surface of Aqueous Solutions of Poly(vinylpyrrolidone) Studied by Neutron Reflection. <i>Langmuir</i> , 1998, 14, 1637-1645.	1.6	119
21	Determination of the structure of a surfactant layer adsorbed at the silica/water interface by neutron reflection. <i>Chemical Physics Letters</i> , 1989, 162, 196-202.	1.2	118
22	The Composition and Structure of Sodium Dodecyl Sulfate-Dodecanol Mixtures Adsorbed at the Air-Water Interface: A Neutron Reflection Study. <i>Journal of Colloid and Interface Science</i> , 1995, 174, 441-455.	5.0	117
23	Neutron Reflection from Hexadecyltrimethylammonium Bromide Adsorbed at the Air/Liquid Interface: The Variation of the Hydrocarbon Chain Distribution with Surface Concentration. <i>The Journal of Physical Chemistry</i> , 1994, 98, 11519-11526.	2.9	114
24	Structural conformation of lysozyme layers at the air/water interface studied by neutron reflection. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1998, 94, 3279-3287.	1.7	112
25	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. <i>Langmuir</i> , 1995, 11, 1001-1008.	1.6	111
26	Structure of a tetradecyltrimethylammonium bromide layer at the air/water interface determined by neutron reflection. <i>The Journal of Physical Chemistry</i> , 1992, 96, 1373-1382.	2.9	109
27	Direct determination by neutron reflection of the structure of triethylene glycol monododecyl ether layers at the air/water interface. <i>Langmuir</i> , 1993, 9, 1352-1360.	1.6	108
28	Adsorption of Polyelectrolyte/Surfactant Mixtures at the Air~Solution Interface:~ Poly(ethyleneimine)/Sodium Dodecyl Sulfate. <i>Langmuir</i> , 2005, 21, 10061-10073.	1.6	108
29	Adsorption of Serum Albumins at the Air/Water Interface. <i>Langmuir</i> , 1999, 15, 6975-6983.	1.6	103
30	The Reduced Adsorption of Proteins at the Phosphoryl Choline Incorporated Polymer~Water Interface. <i>Langmuir</i> , 1999, 15, 1313-1322.	1.6	100
31	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
32	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.	1.6	96
33	Polyelectrolyte/surfactant mixtures at the air~solution interface. <i>Current Opinion in Colloid and Interface Science</i> , 2006, 11, 337-344.	3.4	95
34	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
35	The Structure of Nonionic Micelles in Less Polar Solvents. <i>Journal of Colloid and Interface Science</i> , 1997, 185, 424-431.	5.0	94
36	Solution and Adsorption Behavior of the Mixed Surfactant System Sodium Dodecyl Sulfate/n-Hexaethylene Glycol Monododecyl Ether. <i>Langmuir</i> , 1995, 11, 2496-2503.	1.6	93

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37	The Adsorption of Oppositely Charged Polyelectrolyte/Surfactant Mixtures at the Air/Water Interface: Neutron Reflection from Dodecyl Trimethylammonium Bromide/Sodium Poly(styrene) Tj ETQq1 1 0.784314 rgsB /Over	1.6	87
38	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.	1.6	87
39	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.	1.2	85
40	Study of surfactant adsorption on colloidal particles. <i>The Journal of Physical Chemistry</i> , 1990, 94, 3740-3745.	2.9	83
41	The Structure of Zwitterionic Phosphocholine Surfactant Monolayers. <i>Langmuir</i> , 2006, 22, 5825-5832.	1.6	83
42	Critical reflection of neutrons. A new technique for investigating interfacial phenomena. <i>Journal of the Chemical Society Faraday Transactions I</i> , 1981, 77, 1437.	1.0	82
43	Equilibrium Surface Adsorption Behavior in Complex Anionic/Nonionic Surfactant Mixtures. <i>Langmuir</i> , 2007, 23, 10140-10149.	1.6	80
44	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
45	The determination of segment density profiles of polyethylene oxide layers adsorbed at the air-water interface. <i>Polymer</i> , 1996, 37, 109-114.	1.8	77
46	Neutron reflectivity and soft condensed matter. <i>Current Opinion in Colloid and Interface Science</i> , 2002, 7, 139-147.	3.4	77
47	Magnetic properties of bcc Co films. <i>Journal of Applied Physics</i> , 1991, 69, 4989-4991.	1.1	76
48	Structure of Mixed Anionic/Nonionic Surfactant Micelles: 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.	1.2	75
49	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.	1.6	74
50	Interaction between Poly(ethylene oxide) and Sodium Dodecyl Sulfate Studied by Neutron Reflection. <i>Journal of Physical Chemistry B</i> , 1998, 102, 4912-4917.	1.2	74
51	Instrumentation for neutron reflectivity. <i>Physica B: Condensed Matter</i> , 1991, 173, 1-10.	1.3	71
52	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.	1.6	71
53	Direct determination by neutron reflection of the penetration of water into surfactant layers at the air/water interface. <i>Langmuir</i> , 1992, 8, 1837-1844.	1.6	70
54	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

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55	Shear-Induced Transformations in the Lamellar Phase of Hexaethylene Glycol Monohexadecyl Ether. <i>Journal of Physical Chemistry B</i> , 1997, 101, 66-72.	1.2	70
56	The Structure of Monododecyl Pentaethylene Glycol Monolayers with and without Added Dodecane at the Air/Solution Interface: A Neutron Reflection Study. <i>Journal of Physical Chemistry B</i> , 1998, 102, 5785-5793.	1.2	70
57	Role of Counterion Concentration in Determining Micelle Aggregation: A Evaluation of the Combination of Constraints from Small-Angle Neutron Scattering, Electron Paramagnetic Resonance, and Time-Resolved Fluorescence Quenching. <i>Journal of Physical Chemistry B</i> , 2004, 108, 3810-3816.	1.2	70
58	Adsorption of Mixed Surfactants at the Oil/Water Interface. <i>Journal of Physical Chemistry B</i> , 2000, 104, 606-614.	1.2	69
59	Specular reflection of neutrons at phospholipid monolayers. Changes of monolayer structure and headgroup hydration at the transition from the expanded to the condensed phase state. <i>Biophysical Journal</i> , 1990, 57, 1095-1098.	0.2	67
60	On the Consequences of Surface Treatment on the Adsorption of Nonionic Surfactants at the Hydrophilic Silica/Solution Interface. <i>Langmuir</i> , 2002, 18, 2967-2970.	1.6	67
61	X-ray and neutron reflectivity from spread monolayers. <i>Thin Solid Films</i> , 1988, 159, 43-52.	0.8	66
62	Mixing Behavior of the Biosurfactant, Rhamnolipid, with a Conventional Anionic Surfactant, Sodium Dodecyl Benzene Sulfonate. <i>Langmuir</i> , 2010, 26, 17958-17968.	1.6	65
63	The structure of the surface of ethanol/water mixtures. <i>Molecular Physics</i> , 1993, 80, 925-939.	0.8	64
64	Neutron Reflectivity of an Adsorbed Water-Soluble Block Copolymer: A Surface Transition to Micelle-like Aggregates at the Air/Water Interface. <i>Journal of Physical Chemistry B</i> , 1998, 102, 387-393.	1.2	64
65	Adsorption of SDS and PVP at the air/water interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1995, 94, 125-130.	2.3	62
66	Investigation of Mixing in Binary Surfactant Solutions by Surface Tension and Neutron Reflection: Strongly Interacting Anionic/Zwitterionic Mixtures. <i>Journal of Physical Chemistry B</i> , 1998, 102, 8834-8846.	1.2	62
67	The Interaction between Sodium Alkyl Sulfate Surfactants and the Oppositely Charged Polyelectrolyte, polyDMDAAC, at the Air/Water Interface: The Role of Alkyl Chain Length and Electrolyte and Comparison with Theoretical Predictions. <i>Langmuir</i> , 2007, 23, 3128-3136.	1.6	61
68	Spontaneous Formation of Nanovesicles in Mixtures of Nonionic and Dialkyl Chain Cationic Surfactants Studied by Surface Tension and SANS. <i>Langmuir</i> , 2009, 25, 3932-3943.	1.6	61
69	Structure of Monolayers of Monododecyl Dodecaethylene Glycol at the Air/Water Interface Studied by Neutron Reflection. <i>Journal of Physical Chemistry B</i> , 1997, 101, 10332-10339.	1.2	60
70	Conformational changes of the lecithin headgroup in monolayers at the air/water interface. <i>European Biophysics Journal</i> , 1994, 23, 289-295.	1.2	59
71	Organization of poly(ethylene oxide) monolayers at the air-water interface. <i>Macromolecules</i> , 1993, 26, 4591-4600.	2.2	57
72	Lamellar structure in a thin polymer blend film. <i>Polymer</i> , 1994, 35, 2019-2027.	1.8	57

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73	Interaction between Poly(ethylene oxide) and Monovalent Dodecyl Sulfates Studied by Neutron Reflection. <i>Langmuir</i> , 1998, 14, 1990-1995.	1.6	57
74	Structure of the surface of a surfactant solution above the critical micelle concentration. <i>The Journal of Physical Chemistry</i> , 1993, 97, 13907-13913.	2.9	56
75	Membrane thickness and the mechanism of action of the short peptaibol trichogin GA IV. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2013, 1828, 1013-1024.	1.4	56
76	Interaction between Gelatin and Sodium Dodecyl Sulfate at the Air/Water Interface: A Neutron Reflection Study. <i>Langmuir</i> , 2000, 16, 6546-6554.	1.6	55
77	Organization of Polymer-Surfactant Mixtures at the Air-Water Interface: Poly(dimethyldiallylammonium chloride), Sodium Dodecyl Sulfate, and Hexaethylene Glycol Monododecyl Ether. <i>Langmuir</i> , 2002, 18, 5139-5146.	1.6	55
78	Structure and composition of dodecane layers spread on aqueous solutions of tetradecyltrimethylammonium bromide: neutron reflection and surface tension measurements. <i>The Journal of Physical Chemistry</i> , 1992, 96, 10971-10978.	2.9	54
79	Binding of Sodium Dodecyl Sulfate and Hexaethylene Glycol Mono-n-Dodecyl Ether to the Block Copolymer L64: Electromotive Force, Microcalorimetry, Surface Tension, and Small Angle Neutron Scattering Investigations of Mixed Micelles and Polymer/Micellar Surfactant Complexes. <i>Langmuir</i> , 2005, 21, 10197-10208.	1.6	54
80	Coupling of spectrin and polylysine to phospholipid monolayers studied by specular reflection of neutrons. <i>Biophysical Journal</i> , 1991, 60, 1017-1025.	0.2	53
81	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.	2.2	53
82	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.	1.2	53
83	Adsorption of Mixed Anionic and Nonionic Surfactants at the Hydrophilic Silicon Surface. <i>Langmuir</i> , 2002, 18, 5755-5760.	1.6	52
84	Adsorption of Mixed Cationic and Nonionic Surfactants at the Hydrophilic Silicon Surface from Aqueous Solution: Studied by Specular Neutron Reflection. <i>Langmuir</i> , 1997, 13, 6638-6643.	1.6	51
85	Structure of the Complexes Formed between Sodium Dodecyl Sulfate and a Charged and Uncharged Ethoxylated Polyethyleneimine: A Small-Angle Neutron Scattering, Electromotive Force, and Isothermal Titration Calorimetry Measurements. <i>Langmuir</i> , 2001, 17, 5657-5665.	1.6	50
86	The composition of non-ionic surfactant mixtures at the air/water interface as determined by neutron reflectivity. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1995, 102, 127-132.	2.3	49
87	Surfactant Adsorption onto Cellulose Surfaces. <i>Langmuir</i> , 2007, 23, 8357-8364.	1.6	49
88	Neutron Small Angle Scattering Studies of Micellar Growth in Mixed Anionic-Nonionic Surfactants, Sodium Dodecyl Sulfate, SDS, and Hexaethylene Glycol Monododecyl Ether, C12E6, in the Presence and Absence of Solubilized Alkane, Hexadecane. <i>Journal of Physical Chemistry B</i> , 2002, 106, 8891-8897.	1.2	48
89	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.	1.6	48
90	Saponin Adsorption at the Air-Water Interface: Neutron Reflectivity and Surface Tension Study. <i>Langmuir</i> , 2018, 34, 9540-9547.	1.6	48

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91	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.	1.6	47
92	Structure of Mixed Monolayers of Dipalmitoylglycerophosphocholine and Polyethylene Glycol Monododecyl Ether at the Air/Water Interface Determined by Neutron Reflection and Film Balance Techniques. <i>Langmuir</i> , 1994, 10, 1919-1925.	1.6	47
93	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
94	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.	1.2	47
95	Adsorption of Nonionic Surfactants on Silica Sol Particles: The Effects of Sol Type and Concentration, Surfactant Type, Concentration, and Temperature. <i>The Journal of Physical Chemistry</i> , 1996, 100, 18133-18137.	2.9	46
96	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.	1.6	44
97	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.	1.2	43
98	Moderation of the Interactions between Sodium Dodecyl Sulfate and Poly(vinylpyrrolidone) Using the Nonionic Surfactant Hexaethyleneglycol Mono-n-dodecyl Ether C12EO6: An Electromotive Force, Microcalorimetry, and Small-Angle Neutron Scattering Study. <i>Langmuir</i> , 2000, 16, 8677-8684.	1.6	43
99	Adsorption of Polymer/Surfactant Mixtures at the Air/Water Interface: Ethoxylated Poly(ethyleneimine) and Sodium Dodecyl Sulfate. <i>Langmuir</i> , 2003, 19, 7740-7745.	1.6	43
100	The Surface and Solution Properties of Dihexadecyl Dimethylammonium Bromide. <i>Langmuir</i> , 2008, 24, 6509-6520.	1.6	43
101	Small angle neutron scattering investigation of rodlike micelles aligned by shear flow. <i>Advances in Colloid and Interface Science</i> , 1991, 34, 451-476.	7.0	42
102	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.	1.2	42
103	Variation in magnetic properties of Cu/fcc Fe/Cu (001) sandwich structures. <i>Solid State Communications</i> , 1989, 71, 563-566.	0.9	41
104	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
105	Adsorption and self-assembly properties of the plant based biosurfactant, Glycyrrhizic acid. <i>Journal of Colloid and Interface Science</i> , 2021, 598, 444-454.	5.0	41
106	Evidence for a sharp interface between partially miscible polymers from a study by neutron specular reflection. <i>Polymer</i> , 1990, 31, 2146-2151.	1.8	40
107	Structure of a Monolayer of Hexadecyltrimethylammonium-Tosylate at the Air/Water Interface. <i>Journal of the American Chemical Society</i> , 1997, 119, 10227-10228.	6.6	40
108	Self-Assembly of Mixed Anionic and Nonionic Surfactants in Aqueous Solution. <i>Langmuir</i> , 2011, 27, 7453-7463.	1.6	40



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109	Neutron Reflectometry of Quaternary Gemini Surfactants as a Function of Alkyl Chain Length: Anomalies Arising from Ion Association and Premicellar Aggregation. <i>Langmuir</i> , 2011, 27, 2575-2586.	1.6	39
110	Adsorption at the liquid surface studied by means of specular reflection of neutrons. <i>Langmuir</i> , 1988, 4, 821-826.	1.6	38
111	Effect of Dodecanol on Mixed Nonionic and Nonionic/Anionic Surfactant Adsorption at the Air/Water Interface. <i>Langmuir</i> , 1994, 10, 4136-4141.	1.6	38
112	Neutron Reflectivity of an Adsorbed Water-Soluble Block Copolymer at the Air/Water Interface: The Effects of pH and Ionic Strength. <i>Journal of Physical Chemistry B</i> , 1998, 102, 5120-5126.	1.2	38
113	Manipulation of the Adsorption of Ionic Surfactants onto Hydrophilic Silica Using Polyelectrolytes. <i>Langmuir</i> , 2004, 20, 7177-7182.	1.6	38
114	Determination of the magnetic penetration depth of the high-Tc superconductor YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-x</sub> by polarized neutron reflection. <i>Nature</i> , 1987, 329, 523-525.	13.7	37
115	A polarised neutron reflectometer for studying surface magnetism. <i>Applied Physics A: Solids and Surfaces</i> , 1988, 45, 169-174.	1.4	37
116	Adsorption of mixed cationic/non-ionic surfactants at the air/water interface. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1996, 92, 1773-1779.	1.7	37
117	The Structure of the Mixed Nonionic Surfactant Monolayer of Monododecyl Triethylene Glycol and Monododecyl Octaethylene Glycol at the Air/Water Interface. <i>Journal of Colloid and Interface Science</i> , 1998, 201, 223-232.	5.0	36
118	Conformal Roughness in the Adsorbed Lamellar Phase of Aerosol-OT at the Air/Water and Liquid/Solid Interfaces. <i>Langmuir</i> , 2001, 17, 5858-5864.	1.6	36
119	Interactions of Poly(amidoamine) Dendrimers with the Surfactants SDS, DTAB, and C12EO6: An Equilibrium and Structural Study Using a SDS Selective Electrode, Isothermal Titration Calorimetry, and Small Angle Neutron Scattering. <i>Langmuir</i> , 2004, 20, 9320-9328.	1.6	36
120	Interaction of a Cationic Gemini Surfactant with DNA and with Sodium Poly(styrene sulphonate) at the Air/Water Interface: A Neutron Reflectometry Study. <i>Langmuir</i> , 2009, 25, 4027-4035.	1.6	36
121	Compact polarising Soller guides for cold neutrons. <i>Journal of Physics E: Scientific Instruments</i> , 1978, 11, 454-458.	0.7	35
122	Composition of mixed surfactant/polymer layers adsorbed at the air/water interface as determined by specular neutron reflection. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1996, 92, 589-594.	1.7	35
123	The Interaction between SDS and Lysozyme at the Hydrophilic Solid/Water Interface. <i>Journal of Physical Chemistry B</i> , 2001, 105, 1594-1602.	1.2	35
124	Unusual Micelle and Surface Adsorption Behavior in Mixtures of Surfactants with an Ethylene Oxide/Propylene Oxide Triblock Copolymer. <i>Langmuir</i> , 2005, 21, 4441-4451.	1.6	35
125	Nature of Amine/Surfactant Interactions at the Air/Solution Interface. <i>Langmuir</i> , 2009, 25, 3972-3980.	1.6	35
126	Kinetics of Surface Segregation and the Approach to Wetting in an Isotopic Polymer Blend. <i>Macromolecules</i> , 1997, 30, 4220-4227.	2.2	34



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127	Adsorption of Polyelectrolyte/Surfactant Mixtures at the Air/Water Interface: Modified Poly(ethyleneimine) and Sodium Dodecyl Sulfate. <i>Langmuir</i> , 2011, 27, 2601-2612.	1.6	34
128	A Couette shear flow cell for small-angle neutron scattering studies. <i>Measurement Science and Technology</i> , 1990, 1, 179-183.	1.4	33
129	Competitive adsorption of lysozyme and C12E5 at the air/liquid interface. <i>Physical Chemistry Chemical Physics</i> , 2000, 2, 5222-5229.	1.3	33
130	Surface and Solution Behavior of the Mixed Dialkyl Chain Cationic and Nonionic Surfactants. <i>Langmuir</i> , 2004, 20, 1269-1283.	1.6	33
131	Experimental study of surface segregation and wetting in films of a partially miscible polymer blend. <i>Physical Review E</i> , 1996, 53, 825-837.	0.8	32
132	Adsorption of oil into surfactant monolayers and structure of mixed surfactant+oil films. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1999, 146, 299-313.	2.3	32
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