

Robert K Thomas

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#	Paper	IF	Citations
319	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	462
318	Surfactant layers at the air/water interface: structure and composition. <i>Advances in Colloid and Interface Science</i> , 2000 , 84, 143-304	14.3	388
317	Polymer/surfactant interactions at the air/water interface. <i>Advances in Colloid and Interface Science</i> , 2007 , 132, 69-110	14.3	356
316	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		281
315	Boundary lubrication under water. <i>Nature</i> , 2006 , 444, 191-4	50.4	262
314	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	9.3	227
313	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		163
312	Neutron Reflectivity Studies of the Surface Excess of Gemini Surfactants at the Air/Water Interface. <i>Langmuir</i> , 1999 , 15, 4392-4396	4	151
311	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	4	142
310	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	4	141
309	Neutron reflection study of bovine beta-casein adsorbed on OTS self-assembled monolayers. <i>Science</i> , 1995 , 267, 657-60	33.3	139
308	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		137
307	Organization of Polymer/Surfactant Mixtures at the Air/Water Interface: Sodium Dodecyl Sulfate and Poly(dimethyldiallylammonium chloride). <i>Langmuir</i> , 2002 , 18, 5147-5153	4	131
306	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	3.4	126
305	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	3.4	122
304	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	4	119
303	The Analysis and Interpretation of Neutron and X-ray Specular Reflection. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 1996 , 52, 11-41		118

302	Neutron reflection from wet interfaces. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1998 , 94, 995-1018		117
301	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	4	116
300	Structure of a cationic surfactant layer at the silica-water interface. <i>Langmuir</i> , 1990 , 6, 1031-1034	4	116
299	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	4	115
298	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	9.3	109
297	Adsorption of polyelectrolyte/surfactant mixtures at the air-solution interface: poly(ethyleneimine)/sodium dodecyl sulfate. <i>Langmuir</i> , 2005 , 21, 10061-73	4	107
296	Effect of pH on the Adsorption of Bovine Serum Albumin at the Silica/Water Interface Studied by Neutron Reflection. <i>Journal of Physical Chemistry B</i> , 1999 , 103, 3727-3736	3.4	107
295	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	2.5	107
294	Neutron Reflection from Hexadecyltrimethylammonium Bromide Adsorbed on Smooth and Rough Silicon Surfaces. <i>Langmuir</i> , 1996 , 12, 6036-6043	4	105
293	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		104
292	Study of the adsorption from aqueous solution of hexaethylene glycol monododecyl ether on silica substrates using the technique of neutron reflection. <i>Langmuir</i> , 1992 , 8, 1204-1210	4	104
291	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	4	102
290	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		102
289	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		98
288	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	4	97
287	Study of an Adsorbed Layer of Hexadecyltrimethylammonium Bromide Using the Technique of Neutron Reflection. <i>Journal of Colloid and Interface Science</i> , 1994 , 162, 304-310	9.3	96
286	The use of contrast variation in the specular reflection of neutrons from interfaces. <i>Physica B: Condensed Matter</i> , 1991 , 173, 143-156	2.8	93
285	Macroscopic modeling of the surface tension of polymer-surfactant systems. <i>Langmuir</i> , 2007 , 23, 6042-52		92

284	Binding of sodium dodecyl sulfate with linear and branched polyethyleneimines in aqueous solution at different pH values. <i>Langmuir</i> , 2006 , 22, 1526-33	4	92
283	Solution and Adsorption Behavior of the Mixed Surfactant System Sodium Dodecyl Sulfate/n-Hexaethylene Glycol Monododecyl Ether. <i>Langmuir</i> , 1995 , 11, 2496-2503	4	90
282	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	4	90
281	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		90
280	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. <i>Langmuir</i> , 2013 , 29, 9335-51	4	89
279	Polyelectrolyte/surfactant mixtures at the air/water interface. <i>Current Opinion in Colloid and Interface Science</i> , 2006 , 11, 337-344	7.6	87
278	Diffusion of Water in Li-Montmorillonite Studied by Quasielastic Neutron Scattering. <i>Clays and Clay Minerals</i> , 1981 , 29, 241-248	2.1	87
277	Neutron Reflectivity Studies of the Adsorption of Aerosol-OT at the Air/Water Interface: The Surface Excess. <i>Langmuir</i> , 1997 , 13, 3681-3685	4	83
276	The Adsorption of Oppositely Charged Polyelectrolyte/Surfactant Mixtures at the Air/Water Interface: Neutron Reflection from Dodecyl Trimethylammonium Bromide/Sodium Poly(styrene sulfonate) and Sodium Dodecyl Sulfate/Poly(vinyl pyridinium chloride). <i>Langmuir</i> , 2002 , 18, 9783-9791	4	83
275	The crystalline structures of the even alkanes hexane, octane, decane, dodecane and tetradecane monolayers adsorbed on graphite at submonolayer coverages and from the liquid. <i>Physical Chemistry Chemical Physics</i> , 2002 , 4, 345-351	3.6	81
274	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		81
273	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, 9324-34	4	80
272	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	3.4	80
271	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	4	79
270	Solution self-assembly and adsorption at the air-water interface of the monorhamnose and dirhamnose rhamnolipids and their mixtures. <i>Langmuir</i> , 2010 , 26, 18281-92	4	78
269	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	3.4	78
268	Equilibrium surface adsorption behavior in complex anionic/nonionic surfactant mixtures. <i>Langmuir</i> , 2007 , 23, 10140-9	4	74
267	Neutron Diffraction from Clay-Water Systems. <i>Clays and Clay Minerals</i> , 1979 , 27, 39-52	2.1	74

266	Interaction between Poly(ethylene oxide) and Sodium Dodecyl Sulfate Studied by Neutron Reflection. <i>Journal of Physical Chemistry B</i> , 1998 , 102, 4912-4917	3.4	72
265	Composition of supported model membranes determined by neutron reflection. <i>Langmuir</i> , 2005 , 21, 2827-37	4	71
264	Aggregation of the naturally occurring lipopeptide, surfactin, at interfaces and in solution: an unusual type of surfactant?. <i>Langmuir</i> , 2009 , 25, 4211-8	4	70
263	The determination of segment density profiles of polyethylene oxide layers adsorbed at the air-water interface. <i>Polymer</i> , 1996 , 37, 109-114	3.9	70
262	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		70
261	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, 10760-70	3.4	69
260	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	4	67
259	Formation of supported phospholipid bilayers via co-adsorption with beta-D-dodecyl maltoside. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2005 , 1668, 17-24	3.8	66
258	Limitations in the use of surface tension and the Gibbs equation to determine surface excesses of cationic surfactants. <i>Langmuir</i> , 2014 , 30, 6739-47	4	65
257	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	4	65
256	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, 7699-707	3.6	64
255	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	3.4	63
254	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	4	63
253	Neutron reflection from liquid interfaces. <i>Annual Review of Physical Chemistry</i> , 2004 , 55, 391-426	15.7	62
252	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. <i>Physical Chemistry Chemical Physics</i> , 2002 , 4, 3430-3435	3.6	62
251	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		62
250	Adsorption of SDS and PVP at the air/water interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1995 , 94, 125-130	5.1	61
249	The structure of the surface of ethanol/water mixtures. <i>Molecular Physics</i> , 1993 , 80, 925-939	1.7	60

248	Microcalorimetric study on micellization of nonionic surfactants with a benzene ring or adamantane in their hydrophobic chains. <i>Journal of Physical Chemistry B</i> , 2005 , 109, 16070-4	3-4	59
247	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, 3128-36	4	58
246	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	3-4	58
245	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	3-4	57
244	The adsorption behavior of ionic surfactants and their mixtures with nonionic polymers and with polyelectrolytes of opposite charge at the air-water interface. <i>Journal of Physical Chemistry B</i> , 2014 , 118, 2769-83	3-4	56
243	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	3-4	55
242	Mixing behavior of the biosurfactant, rhamnolipid, with a conventional anionic surfactant, sodium dodecyl benzene sulfonate. <i>Langmuir</i> , 2010 , 26, 17958-68	4	54
241	Interaction between Poly(ethylene oxide) and Monovalent Dodecyl Sulfates Studied by Neutron Reflection. <i>Langmuir</i> , 1998 , 14, 1990-1995	4	53
240	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	7.6	53
239	Adsorption and self-assembly of biosurfactants studied by neutron reflectivity and small angle neutron scattering: glycolipids, lipopeptides and proteins. <i>Soft Matter</i> , 2012 , 8, 578-591	3.6	52
238	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	4	52
237	Interaction between Gelatin and Sodium Dodecyl Sulfate at the Air/Water Interface: A Neutron Reflection Study. <i>Langmuir</i> , 2000 , 16, 6546-6554	4	52
236	Competitive Adsorption of Simple Linear Alkane Mixtures onto Graphite. <i>Journal of Physical Chemistry B</i> , 1998 , 102, 10528-10534	3-4	52
235	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	5-5	52
234	Adsorption of cubic liquid crystalline nanoparticles on model membranes. <i>Soft Matter</i> , 2008 , 4, 2267	3.6	51
233	Structure and collapse of a surface-grown strong polyelectrolyte brush on sapphire. <i>Langmuir</i> , 2012 , 28, 3187-93	4	50
232	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	4	50
231	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, 310-318	3.6	50

230	Structure of the surface of a surfactant solution above the critical micelle concentration. <i>The Journal of Physical Chemistry</i> , 1993 , 97, 13907-13913		49
229	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		49
228	The impact of electrolyte on the adsorption of sodium dodecyl sulfate/polyethyleneimine complexes at the air-solution interface. <i>Langmuir</i> , 2007 , 23, 3690-8	4	46
227	Multilayers at the surface of solutions of exogenous lung surfactant: direct observation by neutron reflection. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2007 , 1768, 228-35	3.8	46
226	Adsorption of Mixed Anionic and Nonionic Surfactants at the Hydrophilic Silicon Surface. <i>Langmuir</i> , 2002 , 18, 5755-5760	4	46
225	Swelling of n-Butylammonium Vermiculite in Water. <i>Clays and Clay Minerals</i> , 1990 , 38, 90-96	2.1	45
224	Adsorption behavior of hydrophobin and hydrophobin/surfactant mixtures at the air-water interface. <i>Langmuir</i> , 2011 , 27, 11316-23	4	44
223	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	3.4	44
222	Surfactant adsorption onto cellulose surfaces. <i>Langmuir</i> , 2007 , 23, 8357-64	4	44
221	Interactions of cationic gemini surfactants with hydrophobically modified poly(acrylamides) studied by fluorescence and microcalorimetry. <i>Journal of Physical Chemistry B</i> , 2005 , 109, 12850-5	3.4	44
220	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	4	44
219	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	9.3	44
218	The impact of multivalent counterions, Al ³⁺ , on the surface adsorption and self-assembly of the anionic surfactant alkyloxyethylene sulfate and anionic/nonionic surfactant mixtures. <i>Langmuir</i> , 2010 , 26, 16699-709	4	43
217	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		43
216	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	4.1	42
215	Adsorption of proteins from aqueous solutions on hydrophobic surfaces studied by neutron reflection. <i>Physical Chemistry Chemical Physics</i> , 2000 , 2, 5214-5221	3.6	42
214	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	4	42
213	Quiescent bilayers at the mica/water interface. <i>Soft Matter</i> , 2013 , 9, 7028	3.6	41

212	Solution self-assembly of the sophorolipid biosurfactant and its mixture with anionic surfactant sodium dodecyl benzene sulfonate. <i>Langmuir</i> , 2011 , 27, 8867-77	4	41
211	Adsorption of Polymer/Surfactant Mixtures at the Air/Water Interface: Ethoxylated Poly(ethyleneimine) and Sodium Dodecyl Sulfate <i>Langmuir</i> , 2003 , 19, 7740-7745	4	41
210	Rotational tunnelling of methane adsorbed on graphite. <i>Molecular Physics</i> , 1981 , 44, 533-555	1.7	41
209	Adsorption of sophorolipid biosurfactants on their own and mixed with sodium dodecyl benzene sulfonate, at the air/water interface. <i>Langmuir</i> , 2011 , 27, 8854-66	4	40
208	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	3.4	40
207	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	3.4	40
206	The application of neutron reflection to the study of layers adsorbed at liquid interfaces. <i>Colloids and Surfaces</i> , 1991 , 52, 85-106		40
205	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	7.6	39
204	Aggregation properties of cationic gemini surfactants with partially fluorinated spacers in aqueous solution. <i>Langmuir</i> , 2006 , 22, 42-5	4	39
203	Effect of Hydrostatic Pressure on the Swelling of n-Butylammonium Vermiculite. <i>Clays and Clay Minerals</i> , 1989 , 37, 474-478	2.1	39
202	Manipulation of the adsorption of ionic surfactants onto hydrophilic silica using polyelectrolytes. <i>Langmuir</i> , 2004 , 20, 7177-82	4	38
201	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. <i>Langmuir</i> , 2013 , 29, 11656-66	4	37
200	Surfactin structures at interfaces and in solution: the effect of pH and cations. <i>Journal of Physical Chemistry B</i> , 2011 , 115, 4427-35	3.4	37
199	Structure of a Monolayer of Hexadecyltrimethylammonium p-Tosylate at the Air/Water Interface. <i>Journal of the American Chemical Society</i> , 1997 , 119, 10227-10228	16.4	37
198	Ordered Structures of Dichain Cationic Surfactants at Interfaces <i>Langmuir</i> , 2003 , 19, 7719-7726	4	37
197	Adsorption of polymer-surfactant mixtures at the oil-water interface. <i>Langmuir</i> , 2012 , 28, 14974-82	4	36
196	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, 2575-86	4	36
195	The surface and solution properties of dihexadecyl dimethylammonium bromide. <i>Langmuir</i> , 2008 , 24, 6509-20	4	36

194	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	4	36
193	Multilayering of Surfactant Systems at the Air-Dilute Aqueous Solution Interface. <i>Langmuir</i> , 2015 , 31, 7440-56	4	35
192	Surface behavior, aggregation and phase separation of aqueous mixtures of dodecyl trimethylammonium bromide and sodium oligoarene sulfonates: the transition to polyelectrolyte/surfactant behavior. <i>Langmuir</i> , 2012 , 28, 327-38	4	35
191	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, 4027-35	4	35
190	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	3-4	35
189	Beta-casein adsorption at the hydrophobized silicon oxide-aqueous solution interface and the effect of added electrolyte. <i>Biomacromolecules</i> , 2001 , 2, 278-87	6.9	35
188	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		35
187	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	9.3	34
186	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		34
185	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, 3677-91	3.4	34
184	Synchrotron XRR study of soft nanofilms at the mica/water interface. <i>Soft Matter</i> , 2012 , 8, 5055	3.6	32
183	Adsorption of polyelectrolyte/surfactant mixtures at the air-water interface: modified poly(ethyleneimine) and sodium dodecyl sulfate. <i>Langmuir</i> , 2011 , 27, 2601-12	4	32
182	Directed microbial biosynthesis of deuterated biosurfactants and potential future application to other bioactive molecules. <i>Applied Microbiology and Biotechnology</i> , 2010 , 87, 1347-54	5.7	32
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1	Multivalent counterion induced multilayer adsorption at the air-water interface in dilute Aerosol-OT solutions. <i>Journal of Colloid and Interface Science</i> , 2021 , 597, 223-232	9.3	0