

# Robert K Thomas

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

319  
papers

13,591  
citations

64  
h-index

97  
g-index

323  
ext. papers

14,186  
ext. citations

4.9  
avg, IF

6.17  
L-index

#	Paper	IF	Citations
319	Strong synergistic interactions in zwitterionic-anionic surfactant mixtures at the air-water interface and in micelles: The role of steric and electrostatic interactions.. <i>Journal of Colloid and Interface Science</i> , <b>2022</b> , 613, 297-310	9.3	1
318	Self-assembly of Quillaja saponin mixtures with different conventional synthetic surfactants. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2022</b> , 633, 127854	5.1	1
317	How do chain lengths of acyl-l-carnitines affect their surface adsorption and solution aggregation?. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 609, 491-491	9.3	0
316	Surfactant self-assembly structures and multilayer formation at the solid-solution interface induces by electrolyte, polymers and proteins. <i>Current Opinion in Colloid and Interface Science</i> , <b>2021</b> , 57, 101541	7.6	1
315	Unusual Maximum in the Adsorption of Aqueous Surfactant Mixtures: Neutron Reflectometry of Mixtures of Zwitterionic and Ionic Surfactants at the Silica-Aqueous Interface. <i>Langmuir</i> , <b>2021</b> , 37, 3939-3949	4.9	2
314	Surface adsorption and solution aggregation of a novel lauroyl-l-carnitine surfactant. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 591, 106-114	9.3	6
313	Sulfo alkyl ester surfactants: Impact of changing the alkyl chain length on the adsorption, mixing properties and response to electrolytes of the tetradecanoate. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 586, 876-890	9.3	2
312	Surface Activity of Ethoxylate Surfactants with Different Hydrophobic Architectures: The Effect of Layer Substructure on Surface Tension and Adsorption. <i>Langmuir</i> , <b>2021</b> , 37, 9269-9280	4	3
311	Adsorption and self-assembly properties of the plant based biosurfactant, Glycyrrhizic acid. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 598, 444-454	9.3	9
310	Multivalent counterion induced multilayer adsorption at the air-water interface in dilute Aerosol-OT solutions. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 597, 223-232	9.3	0
309	Self-assembly in saponin/surfactant mixtures: Escin and sodium dodecylsulfate. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2021</b> , 626, 127019	5.1	3
308	Self-assembly in saponin mixtures: Escin/tea, tea/glycyrrhizic acid, and escin/glycyrrhizic acid mixtures. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2021</b> , 629, 127420	5.1	3
307	Mixing Natural and Synthetic Surfactants: Co-Adsorption of Triterpenoid Saponins and Sodium Dodecyl Sulfate at the Air-Water Interface. <i>Langmuir</i> , <b>2020</b> , 36, 5997-6006	4	9
306	Counterion Condensation, the Gibbs Equation, and Surfactant Binding: An Integrated Description of the Behavior of Polyelectrolytes and Their Mixtures with Surfactants at the Air-Water Interface. <i>Journal of Physical Chemistry B</i> , <b>2020</b> , 124, 6074-6094	3.4	6
305	Multivalent electrolyte induced surface ordering and solution self-assembly in anionic surfactant mixtures: Sodium dodecyl sulfate and sodium diethylene glycol monododecyl sulfate. <i>Journal of Colloid and Interface Science</i> , <b>2020</b> , 565, 567-581	9.3	6
304	Surfactant/biosurfactant mixing: Adsorption of saponin/nonionic surfactant mixtures at the air-water interface. <i>Journal of Colloid and Interface Science</i> , <b>2020</b> , 574, 385-392	9.3	12
303	Collapsed Structure of Hydrophobically Modified Polyacrylamide Adsorbed at the Air-Water Interface: The Polymer Surface Excess and the Gibbs Equation. <i>Langmuir</i> , <b>2020</b> , 36, 11661-11675	4	1

302	The structure of alkyl ester sulfonate surfactant micelles: The impact of different valence electrolytes and surfactant structure on micelle growth. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 557, 124-134	9.3	14
301	Recent developments and applications of the thermodynamics of surfactant mixing. <i>Molecular Physics</i> , <b>2019</b> , 117, 3376-3388	1.7	8
300	Multilayers formed by polyelectrolyte-surfactant and related mixtures at the air-water interface. <i>Advances in Colloid and Interface Science</i> , <b>2019</b> , 269, 43-86	14.3	20
299	Impact of molecular structure, headgroup and alkyl chain geometry, on the adsorption of the anionic ester sulfonate surfactants at the air-solution interface, in the presence and absence of electrolyte. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 544, 293-302	9.3	10
298	The role of competitive counterion adsorption on the electrolyte induced surface ordering in methyl ester sulfonate surfactants at the air-water interface. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 533, 154-160	9.3	10
297	Adsorption properties of plant based bio-surfactants: Insights from neutron scattering techniques. <i>Advances in Colloid and Interface Science</i> , <b>2019</b> , 274, 102041	14.3	7
296	The performance of surfactant mixtures at low temperatures. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 534, 64-71	9.3	5
295	Markov Chain Modeling of Surfactant Critical Micelle Concentration and Surface Composition. <i>Langmuir</i> , <b>2019</b> , 35, 561-569	4	4
294	Adsorption and self-assembly in methyl ester sulfonate surfactants, their eutectic mixtures and the role of electrolyte. <i>Journal of Colloid and Interface Science</i> , <b>2018</b> , 516, 456-465	9.3	17
293	The impact of electrolyte on the adsorption of the anionic surfactant methyl ester sulfonate at the air-solution interface: Surface multilayer formation. <i>Journal of Colloid and Interface Science</i> , <b>2018</b> , 512, 231-238	9.3	17
292	Saponin Adsorption at the Air-Water Interface-Neutron Reflectivity and Surface Tension Study. <i>Langmuir</i> , <b>2018</b> , 34, 9540-9547	4	29
291	Temperature Resistant Binary SLES/Nonionic Surfactant Mixtures at the Air/Water Interface. <i>Langmuir</i> , <b>2018</b> , 34, 9442-9452	4	1
290	Thermodynamics of the Air-Water Interface of Mixtures of Surfactants with Polyelectrolytes, Oligoelectrolytes, and Multivalent Metal Electrolytes. <i>Journal of Physical Chemistry B</i> , <b>2018</b> , 122, 12411-12427	3.4	15
289	Probing the surface of aqueous surfactant-perfume mixed solutions during perfume evaporation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2017</b> , 520, 178-183	5.1	12
288	Impact of Electrolyte on Adsorption at the Air-Water Interface for Ternary Surfactant Mixtures above the Critical Micelle Concentration. <i>Langmuir</i> , <b>2017</b> , 33, 4301-4312	4	14
287	Surface Adsorption in Ternary Surfactant Mixtures above the Critical Micelle Concentration: Effects of Asymmetry on the Composition Dependence of the Excess Free Energy. <i>Journal of Physical Chemistry B</i> , <b>2017</b> , 121, 2825-2838	3.4	20
286	Adsorption at the Air-Water Interface in Biosurfactant-Surfactant Mixtures: Quantitative Analysis of Adsorption in a Five-Component Mixture. <i>Langmuir</i> , <b>2017</b> , 33, 13027-13039	4	11
285	Adsorption of Methyl Ester Sulfonate at the Air-Water Interface: Can Limitations in the Application of the Gibbs Equation be Overcome by Computer Purification?. <i>Langmuir</i> , <b>2017</b> , 33, 9944-9953	4	17

284	Self-assembly in dilute mixtures of non-ionic and anionic surfactants and rhamnolipid biosurfactants. <i>Journal of Colloid and Interface Science</i> , <b>2017</b> , 487, 493-503	9.3	7
283	Enhanced perfume surface delivery to interfaces using surfactant surface multilayer structures. <i>Journal of Colloid and Interface Science</i> , <b>2016</b> , 461, 352-358	9.3	10
282	Adsorption of hydrophobin/casein mixtures at the solid-liquid interface. <i>Journal of Colloid and Interface Science</i> , <b>2016</b> , 478, 81-7	9.3	6
281	Anionic surfactant - Biogenic amine interactions: The role of surfactant headgroup geometry. <i>Journal of Colloid and Interface Science</i> , <b>2016</b> , 466, 213-9	9.3	3
280	Manipulating perfume delivery to the interface using polymer-surfactant interactions. <i>Journal of Colloid and Interface Science</i> , <b>2016</b> , 466, 220-6	9.3	17
279	Nature of the Intermicellar Interactions in Ethoxylated Polysorbate Surfactants with High Degrees of Ethoxylation. <i>Langmuir</i> , <b>2016</b> , 32, 1319-26	4	6
278	Tuning Polyelectrolyte-Surfactant Interactions: Modification of Poly(ethylenimine) with Propylene Oxide and Blocks of Ethylene Oxide. <i>Langmuir</i> , <b>2016</b> , 32, 1073-81	4	10
277	Impact of biogenic amine molecular weight and structure on surfactant adsorption at the air-water interface. <i>Journal of Colloid and Interface Science</i> , <b>2016</b> , 463, 199-206	9.3	5
276	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> , <b>2016</b> , 120, 3677-91	3.4	34
275	Neutron reflectometry of anionic surfactants on sapphire: A strong maximum in the adsorption near the critical micelle concentration. <i>Journal of Colloid and Interface Science</i> , <b>2016</b> , 471, 81-88	9.3	9
274	Unusual Adsorption at the Air-Water Interface of a Zwitterionic Carboxybetaine with a Large Charge Separation. <i>Langmuir</i> , <b>2016</b> , 32, 3340-7	4	7
273	Adsorption at air-water and oil-water interfaces and self-assembly in aqueous solution of ethoxylated polysorbate nonionic surfactants. <i>Langmuir</i> , <b>2015</b> , 31, 3003-11	4	24
272	Multivalent-Counterion-Induced Surfactant Multilayer Formation at Hydrophobic and Hydrophilic Solid-Solution Interfaces. <i>Langmuir</i> , <b>2015</b> , 31, 6773-81	4	10
271	Biogenic amine surfactant interactions at the air-water interface. <i>Journal of Colloid and Interface Science</i> , <b>2015</b> , 449, 167-74	9.3	8
270	Surfactin at the Water/Air Interface and in Solution. <i>Langmuir</i> , <b>2015</b> , 31, 11097-104	4	14
269	Adsorption of Hydrophobin-Protein Mixtures at the Air-Water Interface: The Impact of pH and Electrolyte. <i>Langmuir</i> , <b>2015</b> , 31, 10008-16	4	24
268	Structural effects of the dispersing agent polysorbate 80 on liquid crystalline nanoparticles of soy phosphatidylcholine and glycerol dioleate. <i>Soft Matter</i> , <b>2015</b> , 11, 1140-50	3.6	15
267	Unusual excess free energies of mixing in mixtures of partially fluorinated and hydrocarbon surfactants at the air-water interface: correlation with the structure of the layer. <i>Langmuir</i> , <b>2015</b> , 31, 272-82	4	6

266	Multilayering of Surfactant Systems at the Air-Dilute Aqueous Solution Interface. <i>Langmuir</i> , <b>2015</b> , 31, 7440-56	4	35
265	Neutron reflectivity and small angle neutron scattering: An introduction and perspective on recent progress. <i>Current Opinion in Colloid and Interface Science</i> , <b>2014</b> , 19, 198-206	7.6	39
264	Spontaneous surface self-assembly in protein-surfactant mixtures: interactions between hydrophobin and ethoxylated polysorbate surfactants. <i>Journal of Physical Chemistry B</i> , <b>2014</b> , 118, 4867-75	2.4	27
263	Impact of the degree of ethoxylation of the ethoxylated polysorbate nonionic surfactant on the surface self-assembly of hydrophobin-ethoxylated polysorbate surfactant mixtures. <i>Langmuir</i> , <b>2014</b> , 30, 9741-51	4	15
262	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> , <b>2014</b> , 118, 2769-83	3.4	56
261	Ion specific effects in trivalent counterion induced surface and solution self-assembly of the anionic surfactant sodium polyethylene glycol monododecyl ether sulfate. <i>Langmuir</i> , <b>2014</b> , 30, 4694-702	4	17
260	Limitations in the use of surface tension and the Gibbs equation to determine surface excesses of cationic surfactants. <i>Langmuir</i> , <b>2014</b> , 30, 6739-47	4	65
259	Sodium dodecyl sulfate-ethoxylated polyethylenimine adsorption at the air-water interface: how the nature of ethoxylation affects the pattern of adsorption. <i>Langmuir</i> , <b>2014</b> , 30, 9761-9	4	7
258	Self-assembled structures of anionic hydrophobically modified polyacrylamide with star-shaped trimeric and hexameric quaternary ammonium surfactants. <i>Langmuir</i> , <b>2014</b> , 30, 6660-8	4	18
257	Influence of calcium ions on rhamnolipid and rhamnolipid/anionic surfactant adsorption and self-assembly. <i>Langmuir</i> , <b>2013</b> , 29, 3912-23	4	24
256	Quiescent bilayers at the mica-water interface. <i>Soft Matter</i> , <b>2013</b> , 9, 7028	3.6	41
255	Solution pH and oligoamine molecular weight dependence of the transition from monolayer to multilayer adsorption at the air-water interface from sodium dodecyl sulfate/oligoamine mixtures. <i>Langmuir</i> , <b>2013</b> , 29, 5832-40	4	11
254	The limitations of models of surfactant mixing at interfaces as revealed by neutron scattering. <i>Physical Chemistry Chemical Physics</i> , <b>2013</b> , 15, 7017-27	3.6	7
253	The impact of alkyl sulfate surfactant geometry and electrolyte on the co-adsorption of anionic surfactants with model perfumes at the air-solution interface. <i>Journal of Colloid and Interface Science</i> , <b>2013</b> , 403, 84-90	9.3	12
252	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> , <b>2013</b> , 29, 9324-34	4	80
251	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> , <b>2013</b> , 29, 9335-51	4	89
250	Impact of model perfume molecules on the self-assembly of anionic surfactant sodium dodecyl 6-benzene sulfonate. <i>Langmuir</i> , <b>2013</b> , 29, 3234-45	4	12
249	Adsorption of model perfumes at the air-solution interface by coadsorption with an anionic surfactant. <i>Langmuir</i> , <b>2013</b> , 29, 3361-9	4	13

248	Impact of AlCl <sub>3</sub> on the self-assembly of the anionic surfactant sodium polyethylene glycol monoalkyl ether sulfate in aqueous solution. <i>Langmuir</i> , <b>2013</b> , 29, 13359-66	4	17
247	The formation of surface multilayers at the air-water interface from sodium diethylene glycol monoalkyl ether sulfate/AlCl <sub>3</sub> solutions: the role of the alkyl chain length. <i>Langmuir</i> , <b>2013</b> , 29, 12744-53 <sup>4</sup>		23
246	The formation of surface multilayers at the air-water interface from sodium polyethylene glycol monoalkyl ether sulfate/AlCl <sub>3</sub> solutions: the role of the size of the polyethylene oxide group. <i>Langmuir</i> , <b>2013</b> , 29, 11656-66	4	37
245	Adsorption of non-ionic surfactants to the sapphire/solution interface--effects of temperature and pH. <i>Journal of Colloid and Interface Science</i> , <b>2012</b> , 369, 287-93	9.3	16
244	Effect of pH, surface charge and counter-ions on the adsorption of sodium dodecyl sulfate to the sapphire/solution interface. <i>Journal of Colloid and Interface Science</i> , <b>2012</b> , 378, 152-8	9.3	26
243	Adsorption and self-assembly of biosurfactants studied by neutron reflectivity and small angle neutron scattering: glycolipids, lipopeptides and proteins. <i>Soft Matter</i> , <b>2012</b> , 8, 578-591	3.6	52
242	Synchrotron XRR study of soft nanofilms at the mica/water interface. <i>Soft Matter</i> , <b>2012</b> , 8, 5055	3.6	32
241	Adsorption of polymer-surfactant mixtures at the oil-water interface. <i>Langmuir</i> , <b>2012</b> , 28, 14974-82	4	36
240	Effect of polymer molecular weight and solution pH on the surface properties of sodium dodecylsulfate-poly(ethyleneimine) mixtures. <i>Langmuir</i> , <b>2012</b> , 28, 14909-16	4	19
239	Effect of architecture on the formation of surface multilayer structures at the air-solution interface from mixtures of surfactant with small poly(ethyleneimine)s. <i>Langmuir</i> , <b>2012</b> , 28, 6336-47	4	16
238	Interaction of the anionic surfactant SDS with a cellulose thin film and the role of electrolyte and polyelectrolyte. 2 Hydrophilic cellulose. <i>Langmuir</i> , <b>2012</b> , 28, 10223-9	4	16
237	Kinetics of surfactant desorption at an air-solution interface. <i>Langmuir</i> , <b>2012</b> , 28, 17339-48	4	23
236	Structure and collapse of a surface-grown strong polyelectrolyte brush on sapphire. <i>Langmuir</i> , <b>2012</b> , 28, 3187-93	4	50
235	How electrolyte and polyelectrolyte affect the adsorption of the anionic surfactant SDS onto the surface of a cellulose thin film and the structure of the cellulose film. 1. Hydrophobic cellulose. <i>Langmuir</i> , <b>2012</b> , 28, 10773-80	4	6
234	Adsorption of the linear poly(ethyleneimine) precursor poly(2-ethyl-2-oxazoline) and sodium dodecyl sulfate mixtures at the air-water interface: the impact of modification of the poly(ethyleneimine) functionality. <i>Langmuir</i> , <b>2012</b> , 28, 17331-8	4	4
233	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> , <b>2012</b> , 28, 327-38	4	35
232	Adsorption behavior of hydrophobin and hydrophobin/surfactant mixtures at the air-water interface. <i>Langmuir</i> , <b>2011</b> , 27, 11316-23	4	44
231	Co-adsorption of casein and calcium phosphate nanoclusters (CPN) at hydrophilic and hydrophobic solid/solution interfaces studied by neutron reflectometry. <i>Food Hydrocolloids</i> , <b>2011</b> , 25, 724-733	10.6	9

230	Solution self-assembly of the sophorolipid biosurfactant and its mixture with anionic surfactant sodium dodecyl benzene sulfonate. <i>Langmuir</i> , <b>2011</b> , 27, 8867-77	4	41
229	Adsorption of gemini surfactants with partially fluorinated chains at three different surfaces: neutron reflectometry results. <i>Langmuir</i> , <b>2011</b> , 27, 656-64	4	5
228	The adsorption and self-assembly of mixtures of alkylbenzene sulfonate isomers and the role of divalent electrolyte. <i>Langmuir</i> , <b>2011</b> , 27, 6674-82	4	23
227	Surfactin structures at interfaces and in solution: the effect of pH and cations. <i>Journal of Physical Chemistry B</i> , <b>2011</b> , 115, 4427-35	3-4	37
226	Self-assembly of hydrophobin and hydrophobin/surfactant mixtures in aqueous solution. <i>Langmuir</i> , <b>2011</b> , 27, 10514-22	4	26
225	Neutron reflectometry of quaternary gemini surfactants as a function of alkyl chain length: anomalies arising from ion association and premicellar aggregation. <i>Langmuir</i> , <b>2011</b> , 27, 2575-86	4	36
224	Adsorption of polyelectrolyte/surfactant mixtures at the air-water interface: modified poly(ethyleneimine) and sodium dodecyl sulfate. <i>Langmuir</i> , <b>2011</b> , 27, 2601-12	4	32
223	Adsorption of sophorolipid biosurfactants on their own and mixed with sodium dodecyl benzene sulfonate, at the air/water interface. <i>Langmuir</i> , <b>2011</b> , 27, 8854-66	4	40
222	Adsorption of gemini surfactants with dodecyl side chains and different spacers, including partially fluorinated spacers, on different surfaces: neutron reflectometry results. <i>Langmuir</i> , <b>2011</b> , 27, 1844-52	4	9
221	Adsorption behavior of hydrophobin and hydrophobin/surfactant mixtures at the solid-solution interface. <i>Langmuir</i> , <b>2011</b> , 27, 10464-74	4	24
220	Modifying the adsorption properties of anionic surfactants onto hydrophilic silica using the pH dependence of the polyelectrolytes PEI, ethoxylated PEI, and polyamines. <i>Langmuir</i> , <b>2011</b> , 27, 3569-77	4	17
219	The role of electrolyte and polyelectrolyte on the adsorption of the anionic surfactant, sodium dodecylbenzenesulfonate, at the air-water interface. <i>Journal of Colloid and Interface Science</i> , <b>2011</b> , 356, 656-64	9-3	21
218	The effects of the addition of the polyelectrolyte, poly(ethyleneimine), on the adsorption of mixed surfactants of sodium dodecylsulfate and dodecyltrimethylaminoacetate at the air-water interface. <i>Journal of Colloid and Interface Science</i> , <b>2011</b> , 356, 647-55	9-3	6
217	Comparison of positional surfactant isomers for displacement of rubisco protein from the air-water interface. <i>Journal of Colloid and Interface Science</i> , <b>2011</b> , 360, 617-22	9-3	13
216	Light-emitting dendrimer film morphology: A neutron reflectivity study. <i>Applied Physics Letters</i> , <b>2010</b> , 96, 263302	3-4	14
215	Adsorption of nonionic and mixed nonionic/cationic surfactants onto hydrophilic and hydrophobic cellulose thin films. <i>Langmuir</i> , <b>2010</b> , 26, 8036-48	4	15
214	Mixing behavior of the biosurfactant, rhamnolipid, with a conventional anionic surfactant, sodium dodecyl benzene sulfonate. <i>Langmuir</i> , <b>2010</b> , 26, 17958-68	4	54
213	The location of the biosurfactant surfactin in phospholipid bilayers supported on silica using neutron reflectometry. <i>Langmuir</i> , <b>2010</b> , 26, 320-7	4	18

212	The impact of multivalent counterions, Al <sup>3+</sup> , on the surface adsorption and self-assembly of the anionic surfactant alkyloxyethylene sulfate and anionic/nonionic surfactant mixtures. <i>Langmuir</i> , <b>2010</b> , 26, 16699-709	4	43
211	Destruction and solubilization of supported phospholipid bilayers on silica by the biosurfactant surfactin. <i>Langmuir</i> , <b>2010</b> , 26, 7334-42	4	27
210	Solution self-assembly and adsorption at the air-water interface of the monorhamnose and dirhamnose rhamnolipids and their mixtures. <i>Langmuir</i> , <b>2010</b> , 26, 18281-92	4	78
209	Surface and solution properties of anionic/nonionic surfactant mixtures of alkylbenzene sulfonate and triethyleneglycol decyl ether. <i>Langmuir</i> , <b>2010</b> , 26, 10614-26	4	16
208	Mixed surfactants at the air-water interface. <i>Annual Reports on the Progress of Chemistry Section C</i> , <b>2010</b> , 106, 14		25
207	Directed microbial biosynthesis of deuterated biosurfactants and potential future application to other bioactive molecules. <i>Applied Microbiology and Biotechnology</i> , <b>2010</b> , 87, 1347-54	5-7	32
206	A theoretical analysis of the surface tension profiles of strongly interacting polymer-surfactant systems. <i>Journal of Colloid and Interface Science</i> , <b>2010</b> , 350, 486-93	9-3	23
205	Interplay between the surface adsorption and solution-phase behavior in dialkyl chain cationic-nonionic surfactant mixtures. <i>Langmuir</i> , <b>2009</b> , 25, 3924-31	4	24
204	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> , <b>2009</b> , 25, 4027-35	4	35
203	Transition from vesicles to small nanometer scaled vesicles, arising from the manipulation of curvature in dialkyl chain cationic/nonionic surfactant mixed aggregates by the addition of straight chain alkanols. <i>Langmuir</i> , <b>2009</b> , 25, 4934-44	4	10
202	Structure of partially fluorinated surfactant monolayers at the air-water interface. <i>Langmuir</i> , <b>2009</b> , 25, 3957-65	4	17
201	Aggregation of the naturally occurring lipopeptide, surfactin, at interfaces and in solution: an unusual type of surfactant?. <i>Langmuir</i> , <b>2009</b> , 25, 4211-8	4	70
200	Cooperative tuneable interactions between a designed peptide biosurfactant and positional isomers of SDOBS at the air-water interface. <i>Langmuir</i> , <b>2009</b> , 25, 4021-6	4	21
199	Monomer-aggregate exchange rates in dialkyl chain cationic-nonionic surfactant mixtures. <i>Langmuir</i> , <b>2009</b> , 25, 2661-6	4	8
198	Nature of amine-surfactant interactions at the air-solution interface. <i>Langmuir</i> , <b>2009</b> , 25, 3972-80	4	28
197	Oxidation of oleic acid at the air-water interface and its potential effects on cloud critical supersaturations. <i>Physical Chemistry Chemical Physics</i> , <b>2009</b> , 11, 7699-707	3.6	64
196	Interaction of polymer and surfactant at the air-water interface: poly(2-(dimethylamino)ethyl methacrylate) and sodium dodecyl sulfate. <i>Langmuir</i> , <b>2008</b> , 24, 12892-8	4	18
195	The interfacial structure and Young's modulus of peptide films having switchable mechanical properties. <i>Journal of the Royal Society Interface</i> , <b>2008</b> , 5, 47-54	4.1	42



194	Adsorption of DNA and dodecyl trimethylammonium bromide mixtures at the air/water interface: a neutron reflectometry study. <i>Langmuir</i> , <b>2008</b> , 24, 1863-72	4	21
193	Adsorption of cubic liquid crystalline nanoparticles on model membranes. <i>Soft Matter</i> , <b>2008</b> , 4, 2267	3.6	51
192	The surface and solution properties of dihexadecyl dimethylammonium bromide. <i>Langmuir</i> , <b>2008</b> , 24, 6509-20	4	36
191	pH-responsive nanoaggregation of diblock phosphorylcholine copolymers. <i>Journal of Physical Chemistry B</i> , <b>2008</b> , 112, 9652-9	3.4	5
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42	Direct determination by neutron reflection of the structure of triethylene glycol monododecyl ether layers at the air/water interface. <i>Langmuir</i> , <b>1993</b> , 9, 1352-1360	4	97
41	Surface composition of mixed surfactant monolayers at concentrations well in excess of the critical micelle concentration. A neutron scattering study. <i>Langmuir</i> , <b>1993</b> , 9, 1651-1656	4	42
40	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> , <b>1993</b> , 9, 2408-2416	4	67
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33	Structure of a tetradecyltrimethylammonium bromide layer at the air/water interface determined by neutron reflection. <i>The Journal of Physical Chemistry</i> , <b>1992</b> , 96, 1373-1382		98

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1	Methyl group tunnelling and torsion in 2,4-hexadiyne. <i>Molecular Physics</i> , <b>1977</b> , 34, 1771-1778	1.7	12