

Reinhard Miller

List of Publications by Year in descending order

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667
papers

21,738
citations

12303

69
h-index

30010

103
g-index

707
all docs

707
docs citations

707
times ranked

8893
citing authors

#	ARTICLE	IF	CITATIONS
1	Lipases at interfaces: A review. <i>Advances in Colloid and Interface Science</i> , 2009, 147-148, 237-250.	7.0	607
2	Dynamics of protein and mixed protein/surfactant adsorption layers at the water/fluid interface. <i>Advances in Colloid and Interface Science</i> , 2000, 86, 39-82.	7.0	401
3	The analysis of dynamic surface tension of sodium alkyl sulphate solutions, based on asymptotic equations of adsorption kinetic theory. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1994, 87, 61-75.	2.3	276
4	Dynamic surface and interfacial tensions of surfactant and polymer solutions. <i>Advances in Colloid and Interface Science</i> , 1994, 49, 249-302.	7.0	236
5	Rheology of interfacial layers. <i>Colloid and Polymer Science</i> , 2010, 288, 937-950.	1.0	216
6	Adsorption of surfactants and proteins at fluid interfaces. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1998, 143, 141-165.	2.3	208
7	Cathepsin L in secretory vesicles functions as a prohormone-processing enzyme for production of the enkephalin peptide neurotransmitter. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 9590-9595.	3.3	199
8	Dilational and shear rheology of adsorption layers at liquid interfaces. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1996, 111, 75-118.	2.3	191
9	Stability of Foam Films and Surface Rheology: An Oscillating Bubble Study at Low Frequencies. <i>Journal of Physical Chemistry B</i> , 2004, 108, 6412-6421.	1.2	191
10	Description of the adsorption behaviour of proteins at water/fluid interfaces in the framework of a two-dimensional solution model. <i>Advances in Colloid and Interface Science</i> , 2003, 106, 237-259.	7.0	190
11	Thermodynamics, adsorption kinetics and rheology of mixed protein-surfactant interfacial layers. <i>Advances in Colloid and Interface Science</i> , 2009, 150, 41-54.	7.0	186
12	Polymer-surfactant systems in bulk and at fluid interfaces. <i>Advances in Colloid and Interface Science</i> , 2016, 233, 38-64.	7.0	175
13	Particle laden fluid interfaces: Dynamics and interfacial rheology. <i>Advances in Colloid and Interface Science</i> , 2014, 206, 303-319.	7.0	164
14	Dilational surface viscoelasticity of polymer solutions. <i>Advances in Colloid and Interface Science</i> , 2003, 104, 245-271.	7.0	158
15	The measurement of dynamic surface tension by the maximum bubble pressure method. <i>Colloid and Polymer Science</i> , 1994, 272, 731-739.	1.0	140
16	pH Effects on the Molecular Structure of β^2 -Lactoglobulin Modified Water Interfaces and Its Impact on Foam Rheology. <i>Langmuir</i> , 2013, 29, 11646-11655.	1.6	136
17	Adsorption kinetics of surfactants at fluid interfaces. <i>Advances in Colloid and Interface Science</i> , 1991, 37, 97-121.	7.0	133
18	Measuring dynamic surface and interfacial tensions. <i>Advanced Materials</i> , 1992, 4, 370-374.	11.1	132

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19	Interfacial shear rheology of protein-surfactant layers. <i>Advances in Colloid and Interface Science</i> , 2008, 144, 38-53.	7.0	131
20	Mono- and multilayer covered drops as carriers. <i>Current Opinion in Colloid and Interface Science</i> , 2009, 14, 48-59.	3.4	123
21	Adsorption Behavior and Dilational Rheology of the Cationic Alkyl Trimethylammonium Bromides at the Water/Air Interface. <i>Journal of Physical Chemistry B</i> , 2005, 109, 1505-1509.	1.2	115
22	A criterion for judging the purity of adsorbed surfactant layers. <i>Journal of Colloid and Interface Science</i> , 1987, 120, 176-183.	5.0	114
23	Simple model for prediction of surface tension of mixed surfactant solutions. <i>Advances in Colloid and Interface Science</i> , 2002, 96, 339-359.	7.0	114
24	Adsorption Isotherm and Surface Tension Equation for a Surfactant with Changing Partial Molar Area. 1. Ideal Surface Layer. <i>The Journal of Physical Chemistry</i> , 1996, 100, 7669-7675.	2.9	113
25	Dynamic surface tension and adsorption properties of β -casein and β -lactoglobulin. <i>Food Hydrocolloids</i> , 1996, 10, 395-405.	5.6	109
26	Drop and Bubble Shape Analysis as a Tool For Dilational Rheological Studies of Interfacial Layers. <i>Studies in Interface Science</i> , 2001, 11, 439-483.	0.0	107
27	Adsorption of Proteins at the Liquid/Air Interface. <i>Journal of Physical Chemistry B</i> , 1998, 102, 417-425.	1.2	106
28	Influence of Surfactants on Lipase Fat Digestion in a Model Gastro-intestinal System. <i>Food Biophysics</i> , 2008, 3, 370-381.	1.4	102
29	On the solution of diffusion controlled adsorption kinetics for any adsorption isotherms. <i>Colloid and Polymer Science</i> , 1981, 259, 375-381.	1.0	101
30	Bovine Serum Albumin Unfolding at the Air/Water Interface as Studied by Dilational Surface Rheology. <i>Langmuir</i> , 2010, 26, 17225-17231.	1.6	101
31	Dilational surface visco-elasticity of polyelectrolyte/surfactant solutions: Formation of heterogeneous adsorption layers. <i>Advances in Colloid and Interface Science</i> , 2011, 168, 179-197.	7.0	101
32	Dynamic Surface Tension and Adsorption Kinetics of β -Casein at the Solution/Air Interface. <i>Langmuir</i> , 2004, 20, 771-777.	1.6	99
33	Dynamic properties of mixed nanoparticle/surfactant adsorption layers. <i>Soft Matter</i> , 2013, 9, 3305.	1.2	99
34	Adsorption of hydroxypropyl methylcellulose at the liquid/liquid interface and the effect on emulsion stability. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2000, 172, 91-101.	2.3	96
35	Limits of oscillation frequencies in drop and bubble shape tensiometry. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2005, 261, 25-28.	2.3	95
36	Axisymmetric drop shape analysis as a film balance. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1994, 88, 51-58.	2.3	94

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37	Surface relaxations as a tool for studying dynamic interfacial behaviour. <i>Advances in Colloid and Interface Science</i> , 1991, 37, 73-96.	7.0	92
38	Competition between Lipases and Monoglycerides at Interfaces. <i>Langmuir</i> , 2008, 24, 7400-7407.	1.6	91
39	Dilational Viscoelasticity of Polyelectrolyte/Surfactant Adsorption Films at the Air/Water Interface: Dodecyltrimethylammonium Bromide and Sodium Poly(styrenesulfonate). <i>Journal of Physical Chemistry B</i> , 2004, 108, 18615-18622.	1.2	90
40	Surface Tension Isotherms for Surfactant Adsorption Layers Including Surface Aggregation. <i>Langmuir</i> , 1996, 12, 6011-6014.	1.6	89
41	Methods of measuring rheological properties of interfacial layers (Experimental methods of 2D) <i>Tj ETQq1 1 0.784314 rgBT / Overlock 10</i>	0.5	89
42	Dynamic interfacial tension of surfactant solutions. <i>Advances in Colloid and Interface Science</i> , 2017, 247, 115-129.	7.0	89
43	The Role of Electrostatic Repulsion on Increasing Surface Activity of Anionic Surfactants in the Presence of Hydrophilic Silica Nanoparticles. <i>Scientific Reports</i> , 2018, 8, 7251.	1.6	89
44	Dynamic Surface Properties of Solutions of Poly(ethylene oxide) and Polyethylene Glycols. <i>Journal of Physical Chemistry B</i> , 2000, 104, 7923-7931.	1.2	88
45	Interfacial Properties of Mixed \hat{I}^2 -Lactoglobulin~SDS Layers at the Water/Air and Water/Oil Interface. <i>Journal of Physical Chemistry B</i> , 2009, 113, 745-751.	1.2	88
46	Adsorption Kinetics of Alkylphosphine Oxides at Water/Hexane Interface. <i>Journal of Colloid and Interface Science</i> , 1997, 186, 40-45.	5.0	86
47	Adsorption layer characteristics of Triton surfactants. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2009, 334, 1-7.	2.3	86
48	Models of Two-Dimensional Solution Assuming the Internal Compressibility of Adsorbed Molecules: A Comparative Analysis. <i>Journal of Physical Chemistry B</i> , 2004, 108, 13700-13705.	1.2	84
49	The adsorption of surface-active complexes between \hat{I}^2 -casein, \hat{I}^2 -lactoglobulin and ionic surfactants and their shear rheological behaviour. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1996, 114, 255-265.	2.3	82
50	General Relationships of the Adsorption Behavior of Surfactants at the Water/Air Interface. <i>Journal of Physical Chemistry B</i> , 2002, 106, 809-819.	1.2	81
51	Surface dilational rheology of mixed adsorption layers at liquid interfaces. <i>Advances in Colloid and Interface Science</i> , 2006, 122, 57-66.	7.0	80
52	Adsorption Kinetics of Alkylphosphine Oxides at Water/Hexane Interface. <i>Journal of Colloid and Interface Science</i> , 1997, 186, 46-52.	5.0	79
53	Adsorption from Mixed Ionic Surfactant/Protein Solutions: A Analysis of Ion Binding. <i>Journal of Physical Chemistry B</i> , 2004, 108, 16780-16785.	1.2	78
54	Surface tension isotherms, adsorption dynamics and dilational visco-elasticity of sodium dodecyl sulphate solutions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2010, 354, 8-15.	2.3	78

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55	Interfacial rheology of mixed layers of food proteins and surfactants. <i>Current Opinion in Colloid and Interface Science</i> , 2013, 18, 302-310.	3.4	78
56	Relationship between foam stability and surface elasticity forces: Fatty acid solutions. <i>Colloids and Surfaces</i> , 1991, 53, 47-62.	0.9	76
57	Effect of repeated frying on the viscosity, density and dynamic interfacial tension of palm and olive oil. <i>Journal of Food Engineering</i> , 2011, 105, 169-179.	2.7	76
58	Adsorption kinetics of surfactants from micellar solutions. <i>Colloid and Polymer Science</i> , 1981, 259, 1124-1128.	1.0	74
59	Dynamic Surface Properties of Polyelectrolyte/Surfactant Adsorption Films at the Air/Water Interface: Poly(diallyldimethylammonium chloride) and Sodium Dodecylsulfate. <i>Langmuir</i> , 2007, 23, 9641-9651.	1.6	74
60	Competitive Adsorption from Mixed Hen Egg-White Lysozyme/Surfactant Solutions at the Air/Water Interface Studied by Tensiometry, Ellipsometry, and Surface Dilational Rheology. <i>Journal of Physical Chemistry B</i> , 2008, 112, 2136-2143.	1.2	74
61	Dynamic surface tension and surface shear rheology studies of mixed β -lactoglobulin/Tween 20 systems. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1995, 98, 127-135.	2.3	72
62	Measurement of the Partition Coefficient of Surfactants in Water/Oil Systems. <i>Langmuir</i> , 1997, 13, 4817-4820.	1.6	72
63	Maximum bubble pressure tensiometry—an analysis of experimental constraints. <i>Advances in Colloid and Interface Science</i> , 2004, 108-109, 287-301.	7.0	72
64	Relaxation of adsorption layers at solution/air interfaces using axisymmetric drop-shape analysis. <i>Colloids and Surfaces</i> , 1993, 69, 209-216.	0.9	71
65	Simple Method to Estimate Surface Tension of Mixed Surfactant Solutions. <i>Journal of Physical Chemistry B</i> , 2001, 105, 11432-11438.	1.2	71
66	Dilatational Rheology of β -Casein Adsorbed Layers at Liquid/Fluid Interfaces. <i>Journal of Physical Chemistry B</i> , 2005, 109, 17608-17616.	1.2	71
67	Surface-Pressure Isotherms of Monolayers Formed by Microsize and Nanosize Particles. <i>Langmuir</i> , 2006, 22, 1701-1705.	1.6	71
68	Foams and emulsions of β -casein examined by interfacial rheology. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2008, 323, 116-122.	2.3	71
69	Study of the monolayer structure and wettability properties of silica nanoparticles and CTAB using the Langmuir trough technique. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2011, 382, 186-191.	2.3	71
70	Surface Dilational Modulus or Gibbs' Elasticity of Protein Adsorption Layers. <i>Journal of Physical Chemistry B</i> , 2004, 108, 9173-9176.	1.2	70
71	Adsorption Isotherm and Surface Tension Equation for a Surfactant with Changing Partial Molar Area. 2. Nonideal Surface Layer. <i>Journal of Physical Chemistry B</i> , 1997, 101, 6479-6483.	1.2	69
72	Dynamics of mixed protein/surfactant layers adsorbed at the water/air and water/oil interface. <i>Colloids and Surfaces B: Biointerfaces</i> , 2003, 31, 107-114.	2.5	69

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73	Competitive adsorption from mixed nonionic surfactant/protein solutions. <i>Journal of Colloid and Interface Science</i> , 2004, 274, 496-501.	5.0	69
74	Effect of Gastric Conditions on $\hat{\Gamma}^2$ -Lactoglobulin Interfacial Networks: Influence of the Oil Phase on Protein Structure. <i>Langmuir</i> , 2010, 26, 15901-15908.	1.6	69
75	Relaxation behaviour of human albumin adsorbed at the solution/air interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1993, 76, 179-185.	2.3	68
76	Lipases at Interfaces: Unique Interfacial Properties as Globular Proteins. <i>Langmuir</i> , 2008, 24, 6812-6819.	1.6	67
77	Relaxation of surfactants adsorption layers at liquid interfaces. <i>Current Opinion in Colloid and Interface Science</i> , 2010, 15, 256-263.	3.4	67
78	Adsorption of Proteins at Liquid/Fluid Interfaces. <i>Journal of Colloid and Interface Science</i> , 1996, 183, 26-34.	5.0	66
79	Adsorption of Protein Layers at the Water/Air Interface As Studied by Axisymmetric Drop and Bubble Shape Analysis. <i>Journal of Physical Chemistry B</i> , 1999, 103, 9557-9561.	1.2	65
80	Dynamics of protein adsorption at the oil/water interface: comparison with a theoretical model. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2005, 261, 85-92.	2.3	65
81	Adsorption behaviour of hen egg-white lysozyme at the air/water interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2008, 323, 167-174.	2.3	65
82	Dynamics of interfacial layers—Experimental feasibilities of adsorption kinetics and dilational rheology. <i>Advances in Colloid and Interface Science</i> , 2011, 168, 167-178.	7.0	65
83	Rheology of interfacial layers. <i>Current Opinion in Colloid and Interface Science</i> , 2014, 19, 514-519.	3.4	64
84	Equilibrium of Adsorption of Mixed Milk Protein/Surfactant Solutions at the Water/Air Interface. <i>Langmuir</i> , 2008, 24, 13977-13984.	1.6	63
85	On the adsorption properties of surface-chemically pure aqueous solutions of n-alkyl-dimethyl and n-alkyl-diethyl phosphine oxides. <i>Colloids and Surfaces</i> , 1987, 22, 207-214.	0.9	62
86	Dynamic adsorption and characterization of phospholipid and mixed phospholipid/protein layers at liquid/liquid interfaces. <i>Advances in Colloid and Interface Science</i> , 2008, 140, 67-76.	7.0	62
87	Dynamic surface tensions of surfactant mixtures at the water-air interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1995, 97, 65-82.	2.3	61
88	Effect of protein penetration into phospholipid monolayers: morphology and structure. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2000, 171, 175-184.	2.3	61
89	Kinetics of adsorption of proteins and surfactants. <i>Current Opinion in Colloid and Interface Science</i> , 2004, 9, 350-356.	3.4	61
90	Dynamic Surface Elasticity of $\hat{\Gamma}^2$ -Casein Solutions during Adsorption. <i>Journal of Physical Chemistry C</i> , 2007, 111, 16895-16901.	1.5	61

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91	Determination of equilibrium surface tension values by extrapolation via long time approximations. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1997, 122, 269-273.	2.3	60
92	Influence of the Two-Dimensional Compressibility on the Surface Pressure Isotherm and Dilational Elasticity of Dodecyldimethylphosphine Oxide. <i>Journal of Physical Chemistry B</i> , 2003, 107, 6119-6121.	1.2	60
93	Thermodynamics and rheology of mixed protein-surfactant adsorption layers. <i>Soft Matter</i> , 2008, 4, 1141.	1.2	59
94	Optimisation of calculation methods for determination of surface tensions by drop profile analysis tensiometry. <i>Advances in Colloid and Interface Science</i> , 2007, 134-135, 322-329.	7.0	58
95	Adsorption layer characteristics of Tritons surfactants. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2009, 334, 16-21.	2.3	58
96	Interfacial mechanism of lipolysis as self-regulated process. <i>Biophysical Chemistry</i> , 2010, 147, 93-103.	1.5	58
97	Effect of Monovalent Ions on the Monolayers Phase Behavior of the Charged Lipid DPPG. <i>Journal of Physical Chemistry B</i> , 1999, 103, 1013-1018.	1.2	57
98	Relationship between structure and rheological properties of mixed BSA/Tween 80 adsorption layers at the air/water interface. <i>Food Hydrocolloids</i> , 2007, 21, 823-830.	5.6	57
99	Polyelectrolyte/surfactant mixtures in the bulk and at water/oil interfaces. <i>Advances in Colloid and Interface Science</i> , 2014, 205, 87-93.	7.0	57
100	On the theory of adsorption kinetics of ionic surfactants at fluid interfaces. <i>Colloid and Polymer Science</i> , 1983, 261, 335-339.	1.0	56
101	Kinetics of adsorption of globular proteins at liquid/fluid interfaces. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2001, 183-185, 381-390.	2.3	56
102	Perturbation-response relationship in liquid interfacial systems: non-linearity assessment by frequency-domain analysis. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2005, 261, 57-63.	2.3	56
103	Dilational Viscoelasticity of PEO-PPO-PEO Triblock Copolymer Films at the Air-Water Interface in the Range of High Surface Pressures. <i>Langmuir</i> , 2006, 22, 2647-2652.	1.6	56
104	Measurement of interfacial shear rheological properties: An apparatus. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1994, 91, 169-180.	2.3	55
105	Influence of the Compressibility of Adsorbed Layers on the Surface Dilational Elasticity. <i>Langmuir</i> , 2002, 18, 7748-7752.	1.6	55
106	Comparison of various models describing the adsorption of surfactant molecules capable of interfacial reorientation. <i>Journal of Colloid and Interface Science</i> , 2003, 261, 180-183.	5.0	55
107	Axisymmetric Drop Shape Analysis as a Film Balance: Rate Dependence of the Collapse Pressure and Molecular Area at Close Packing of 1-Octadecanol Monolayers. <i>Langmuir</i> , 1996, 12, 1851-1859.	1.6	54
108	Dynamic surface tension of aqueous alkyl dimethyl phosphine oxide solutions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1998, 143, 311-321.	2.3	54

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109	Effect of the Reorientation of Oxyethylated Alcohol Molecules within the Surface Layer on Equilibrium and Dynamic Surface Pressure. <i>Langmuir</i> , 1999, 15, 1328-1336.	1.6	54
110	On the purity of aqueous surfactant solutions and the dynamic surface tension behaviour. <i>Tenside, Surfactants, Detergents</i> , 1979, 16, 312-316.	0.5	54
111	Dynamic properties of adsorption layers of amphiphilic substances at fluid interfaces. <i>Advances in Colloid and Interface Science</i> , 1991, 36, 65-124.	7.0	53
112	Evidence of extraneous surfactant adsorption altering adsorbed layer properties of \hat{I}^2 -lactoglobulin. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1995, 91, 1991-1996.	1.7	53
113	An investigation of the compression rate dependence on the surface pressure-surface area isotherm for a dipalmitoyl phosphatidylcholine monolayer at the air/water interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1996, 116, 173-180.	2.3	53
114	Dynamic Surface Properties of Sodium Poly(styrenesulfonate) Solutions. <i>Macromolecules</i> , 2004, 37, 2519-2526.	2.2	53
115	Kinetics of the Desorption of Surfactants and Proteins from Adsorption Layers at the Solution/Air Interface. <i>Journal of Physical Chemistry B</i> , 2005, 109, 9672-9677.	1.2	53
116	Composite interfacial layers containing micro-size and nano-size particles. <i>Advances in Colloid and Interface Science</i> , 2006, 128-130, 17-26.	7.0	53
117	Dynamics of Rear Stagnant Cap formation at the surface of spherical bubbles rising in surfactant solutions at large Reynolds numbers under conditions of small Marangoni number and slow sorption kinetics. <i>Advances in Colloid and Interface Science</i> , 2015, 222, 260-274.	7.0	53
118	The measurement of dynamic surface tensions of highly viscous liquids by the maximum bubble pressure method. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1993, 75, 229-235.	2.3	52
119	Adsorption Kinetics of Short-Chain Alcohols at the Water/Air Interface: Diffusion-Controlled Adsorption under the Conditions of a Nonequilibrium Surface Layer. <i>Journal of Colloid and Interface Science</i> , 1996, 178, 168-175.	5.0	52
120	Dynamic Surface Properties of Poly(N-isopropylacrylamide) Solutions. <i>Langmuir</i> , 2004, 20, 9669-9676.	1.6	52
121	Dynamic Surface Properties of Poly(vinylpyrrolidone) Solutions. <i>Journal of Colloid and Interface Science</i> , 2002, 255, 417-424.	5.0	51
122	Reversibility and irreversibility of adsorption of surfactants and proteins at liquid interfaces. <i>Advances in Colloid and Interface Science</i> , 2006, 123-126, 163-171.	7.0	51
123	Adsorption of Polar Lipids at the Water \hat{O} il Interface. <i>Langmuir</i> , 2008, 24, 5781-5786.	1.6	51
124	Adsorption of alkyl trimethylammonium bromides at the water/air and water/hexane interfaces. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2010, 371, 22-28.	2.3	51
125	Fast dynamic interfacial tension measurements and dilational rheology of interfacial layers by using the capillary pressure technique. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2012, 407, 159-168.	2.3	51
126	Surface Adsorption of Oppositely Charged SDS:C12TAB Mixtures and the Relation to Foam Film Formation and Stability. <i>Journal of Physical Chemistry B</i> , 2015, 119, 12877-12886.	1.2	51

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127	Surface rheology of monolayers. <i>Thin Solid Films</i> , 1996, 284-285, 361-364.	0.8	50
128	Effect of surfactant interfacial orientation/aggregation on adsorption dynamics. <i>Advances in Colloid and Interface Science</i> , 2000, 86, 83-101.	7.0	50
129	Adsorption layer characteristics of Triton surfactants. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2009, 334, 8-15.	2.3	50
130	Surface Dilational Rheology of Mixed Surfactants Layers at Liquid Interfaces. <i>Journal of Physical Chemistry C</i> , 2007, 111, 14713-14719.	1.5	49
131	Surface elasticity and frothability of n-octanol and n-octanoic acid solutions. <i>Colloids and Surfaces</i> , 1981, 3, 329-338.	0.9	48
132	Characterisation of phospholipid layers at liquid interfaces. 1. Dynamics of adsorption of phospholipids at the chloroform/water interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1996, 114, 113-121.	2.3	48
133	Behaviour of BSA and of BSA-derivatives at the air/water interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2007, 301, 16-22.	2.3	48
134	Impact of Globule Unfolding on Dilational Viscoelasticity of $\hat{\Gamma}^2$ -Lactoglobulin Adsorption Layers. <i>Journal of Physical Chemistry B</i> , 2009, 113, 13398-13404.	1.2	48
135	Surface Tension and Adsorption Studies by Drop Profile Analysis Tensiometry. <i>Journal of Surfactants and Detergents</i> , 2017, 20, 1225-1241.	1.0	48
136	Dilational viscoelasticity of fluid interfaces: The diffusion model for transient processes. <i>Colloids and Surfaces</i> , 1991, 61, 219-226.	0.9	47
137	Dynamic Surface Tension Measurements in the Sub-millisecond Range. <i>Journal of Colloid and Interface Science</i> , 1995, 175, 118-121.	5.0	47
138	Contact angle determination of micro- and nanoparticles at fluid/fluid interfaces: the excluded area concept. <i>Physical Chemistry Chemical Physics</i> , 2007, 9, 6447.	1.3	47
139	Lipase reaction at interfaces as self-limiting processes. <i>Comptes Rendus Chimie</i> , 2009, 12, 163-170.	0.2	47
140	Dilational surface elasticity of spread monolayers of polystyrene microparticles. <i>Soft Matter</i> , 2014, 10, 6499.	1.2	47
141	Frequency Characteristics of Amplitude and Phase of Oscillating Bubble Systems in a Closed Measuring Cell. <i>Journal of Colloid and Interface Science</i> , 2002, 252, 433-442.	5.0	45
142	Dilational rheology of adsorbed surfactant layers – role of the intrinsic two-dimensional compressibility. <i>Advances in Colloid and Interface Science</i> , 2005, 114-115, 303-312.	7.0	45
143	Drop profile analysis tensiometry with drop bulk exchange to study the sequential and simultaneous adsorption of a mixed $\hat{\Gamma}^2$ -casein /C12DMPO system. <i>Colloid and Polymer Science</i> , 2008, 286, 1071-1077.	1.0	45
144	Impact of Surfactant Additions on Dynamic Properties of $\hat{\Gamma}^2$ -Casein Adsorption Layers. <i>Journal of Physical Chemistry C</i> , 2008, 112, 6126-6131.	1.5	45

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145	Dilation and Shear Rheology of Mixed $\hat{\Gamma}^2$ -Casein/Surfactant Adsorption Layers. <i>Journal of Physical Chemistry B</i> , 2009, 113, 103-113.	1.2	45
146	Adsorption of Protein-Surfactant Complexes at the Water/Oil Interface. <i>Langmuir</i> , 2011, 27, 965-971.	1.6	45
147	Dynamic interfacial tensions of dietary oils. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2011, 382, 261-265.	2.3	45
148	Characterization methods for liquid interfacial layers. <i>European Physical Journal: Special Topics</i> , 2013, 222, 7-29.	1.2	45
149	Interfacial behaviour and mechanical properties of spread lung surfactant protein/lipid layers. <i>Colloids and Surfaces B: Biointerfaces</i> , 2001, 21, 191-205.	2.5	44
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