

Reinhard Miller

List of Publications by Year in descending order

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667
papers

21,738
citations

14124

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707
all docs

707
docs citations

707
times ranked

9900
citing authors

#	ARTICLE	IF	CITATIONS
1	Salt effects on the dilational viscoelasticity of surfactant adsorption layers. <i>Current Opinion in Colloid and Interface Science</i> , 2022, 57, 101538.	3.4	26
2	Pickering foams and parameters influencing their characteristics. <i>Advances in Colloid and Interface Science</i> , 2022, 301, 102606.	7.0	34
3	Experimental techniques to study protein-surfactant interactions: New insights into competitive adsorptions via drop subphase and interface exchange. <i>Advances in Colloid and Interface Science</i> , 2022, 301, 102601.	7.0	18
4	Impact of Amphiphilic Nanostructures on Formation and Rheology of Interfacial Layers and on Foam Film Drainage. <i>Ukrainian Journal of Physics</i> , 2022, 56, 801.	0.1	2
5	Influence of surfactant charge and concentration on the surface and foaming properties of biocompatible silk fibroin. <i>Materials Chemistry and Physics</i> , 2022, 281, 125920.	2.0	7
6	A Multistate Adsorption Model for the Characterization of C ₁₃ DMPO Adsorption Layers at the Aqueous Solution/Air Interface. <i>Langmuir</i> , 2022, 38, 4913-4920.	1.6	0
7	Impact of Polymer Nanoparticles on DPPC Monolayer Properties. <i>Colloids and Interfaces</i> , 2022, 6, 28.	0.9	2
8	Interfacial protein-protein displacement at fluid interfaces. <i>Advances in Colloid and Interface Science</i> , 2022, 305, 102691.	7.0	7
9	An empirical model to represent the CMC behavior of aqueous solutions of homologous series of nonionic surfactants, related to its chemical constitution. <i>Journal of Molecular Liquids</i> , 2022, 359, 119229.	2.3	4
10	Dynamic properties of adsorption layers of pulmonary surfactants. Influence of matter exchange with bulk phase. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 611, 125851.	2.3	15
11	Influence of salt addition on the surface and foaming properties of silk fibroin. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 609, 125621.	2.3	7
12	Characterization of reactive interfaces via coupled interfacial tension measurements and interphase mass transfer analysis. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 609, 125711.	2.3	3
13	Ionic Surfactants at Air/Water and Oil/Water Interfaces: A Comparison Based on Molecular Dynamics Simulations. <i>Journal of Physical Chemistry B</i> , 2021, 125, 406-415.	1.2	36
14	Thermodynamics, Kinetics and Dilational Visco-Elasticity of Adsorbed CnEOm Layers at the Aqueous Solution/Air Interface. <i>Colloids and Interfaces</i> , 2021, 5, 16.	0.9	3
15	β ² -Lactoglobulin Adsorption Layers at the Water/Air Surface: 5. Adsorption Isotherm and Equation of State Revisited, Impact of pH. <i>Colloids and Interfaces</i> , 2021, 5, 14.	0.9	5
16	Impact of denaturing agents on surface properties of myoglobin solutions. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 202, 111657.	2.5	8
17	A Multistate Adsorption Model for the Adsorption of C14EO4 and C14EO8 at the Solution/Air Interface. <i>Colloids and Interfaces</i> , 2021, 5, 39.	0.9	7
18	Effect of selected monovalent salts on surfactant stabilized foams. <i>Advances in Colloid and Interface Science</i> , 2021, 295, 102490.	7.0	35

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19	Methods and models to investigate the physicochemical functionality of pulmonary surfactant. <i>Current Opinion in Colloid and Interface Science</i> , 2021, 55, 101467.	3.4	23
20	Dynamics of adsorption of CTAB-Silica nanoparticle complexes: New experiments and modeling approach. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 629, 127448.	2.3	5
21	A natural source of saponin: Comprehensive study on interfacial properties of Chubak (<i>Acanthophyllum Glandulosum</i>) root extract and related saponins. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 630, 127594.	2.3	9
22	Surface Activity of Natural Surfactants Extracted from <i>Sapindus mukorossi</i> and <i>Sapindus trifoliatus</i> Soapnuts. <i>Colloids and Interfaces</i> , 2021, 5, 7.	0.9	15
23	Influence of Surface-Modified Nanoparticles on the Hydrodynamics of Rising Bubbles. <i>Chemical Engineering and Technology</i> , 2021, 44, 513-520.	0.9	7
24	Can small air bubbles probe very low frother concentration faster?. <i>Soft Matter</i> , 2021, 17, 9916-9925.	1.2	3
25	Enzymatic Hydrolysis of Triglycerides at the Water-Oil Interface Studied via Interfacial Rheology Analysis of Lipase Adsorption Layers. <i>Langmuir</i> , 2021, 37, 12919-12928.	1.6	9
26	Colloid and Interface Aspects of COVID-19. <i>Current Opinion in Colloid and Interface Science</i> , 2021, 56, 101525.	3.4	1
27	Interaction of fullerene C60 with bovine serum albumin at the water-air interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 631, 127702.	2.3	5
28	Adsorption of Equimolar Mixtures of Cationic and Anionic Surfactants at the Water/Hexane Interface. <i>Colloids and Interfaces</i> , 2021, 5, 1.	0.9	3
29	Bacteria Cell Hydrophobicity and Interfacial Properties Relationships: A New MEOR Approach. <i>Colloids and Interfaces</i> , 2021, 5, 49.	0.9	1
30	Adsorption layer formation in dispersions of protein aggregates. <i>Advances in Colloid and Interface Science</i> , 2020, 276, 102086.	7.0	21
31	Dynamics of interfacial layers for sodium dodecylbenzene sulfonate solutions at different salinities. <i>Journal of Industrial and Engineering Chemistry</i> , 2020, 92, 174-183.	2.9	19
32	Effect of Temperature on the Dynamic Properties of Mixed Surfactant Adsorbed Layers at the Water/Hexane Interface under Low-Gravity Conditions. <i>Colloids and Interfaces</i> , 2020, 4, 27.	0.9	6
33	β -Lactoglobulin Adsorption Layers at the Water/Air Surface: 4. Impact on the Stability of Foam Films and Foams. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 636.	0.8	7
34	Drop Size Dependence of the Apparent Surface Tension of Aqueous Solutions in Hexane Vapor as Studied by Drop Profile Analysis Tensiometry. <i>Colloids and Interfaces</i> , 2020, 4, 29.	0.9	1
35	Dynamics of Competitive Adsorption of Lipase and Ionic Surfactants at the Water-Air Interface. <i>Langmuir</i> , 2020, 36, 12010-12022.	1.6	16
36	Analysis of NMR Spectra of Submicro-Containers with Biocide DCOIT. <i>Colloids and Interfaces</i> , 2020, 4, 56.	0.9	1

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37	Foaming properties and the dynamics of adsorption and surface rheology of silk fibroin at the air/water interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 591, 124553.	2.3	14
38	Influence of pH on the surface and foaming properties of aqueous silk fibroin solutions. <i>Soft Matter</i> , 2020, 16, 3695-3704.	1.2	17
39	The dynamic properties of PDA-laccase films at the air-water interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 599, 124930.	2.3	7
40	Surface tension at the interface between aqueous solution of surfactant and alkane. A comprehensive quantum chemical and thermodynamic approach. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 591, 124557.	2.3	16
41	Interfacial Properties of Tridecyl Dimethyl Phosphine Oxide Adsorbed at the Surface of a Solution Drop in Hexane Saturated Air. <i>Colloids and Interfaces</i> , 2020, 4, 19.	0.9	5
42	New view of the adsorption of surfactants at water/alkane interfaces – Competitive and cooperative effects of surfactant and alkane molecules. <i>Advances in Colloid and Interface Science</i> , 2020, 279, 102143.	7.0	37
43	Influence of new superhydrophobic micro-structures on delaying ice formation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 595, 124675.	2.3	4
44	Surface tension and dilational rheology of mixed β^2 -casein – β^2 -lactoglobulin aqueous solutions at the water/air interface. <i>Food Hydrocolloids</i> , 2020, 106, 105883.	5.6	15
45	Salt Effects on Formation and Stability of Colloidal Gas Aphrons Produced by Anionic and Zwitterionic Surfactants in Xanthan Gum Solution. <i>Colloids and Interfaces</i> , 2020, 4, 9.	0.9	9
46	Polydopamine layer formation at the liquid – gas interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 579, 123637.	2.3	18
47	Particular Behavior of Surface Tension at the Interface between Aqueous Solution of Surfactant and Alkane. <i>Langmuir</i> , 2019, 35, 15214-15220.	1.6	19
48	β^2 -Lactoglobulin Adsorption Layers at the Water/Air Surface: 3. Neutron Reflectometry Study on the Effect of pH. <i>Journal of Physical Chemistry B</i> , 2019, 123, 10877-10889.	1.2	19
49	Dynamic Surface Properties of Mixed Dispersions of Silica Nanoparticles and Lysozyme. <i>Journal of Physical Chemistry B</i> , 2019, 123, 4803-4812.	1.2	4
50	Dynamic properties and relaxation processes in surface layer of pulmonary surfactant solutions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 573, 14-21.	2.3	19
51	Influence of hydrophilic silica nanoparticles on the adsorption layer properties of non-ionic surfactants at water/heptane interface. <i>Journal of Colloid and Interface Science</i> , 2019, 545, 242-250.	5.0	20
52	Dynamic Surface Properties of Fullerenol Solutions. <i>Langmuir</i> , 2019, 35, 3773-3779.	1.6	16
53	Characterisation of egg white adsorption layers under equilibrium and dynamic conditions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 568, 29-35.	2.3	9
54	Interfacial Dilational Viscoelasticity of Adsorption Layers at the Hydrocarbon/Water Interface: The Fractional Maxwell Model. <i>Colloids and Interfaces</i> , 2019, 3, 66.	0.9	1

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55	Cooperative Effects in Surfactant Adsorption Layers at Water/Alkane Interfaces. <i>Colloids and Interfaces</i> , 2019, 3, 67.	0.9	1
56	Dilational interfacial rheology of tridecyl dimethyl phosphine oxide adsorption layers at the water/hexane interface. <i>Journal of Colloid and Interface Science</i> , 2019, 539, 30-37.	5.0	16
57	Formation and stability of colloidal gas aphron based drilling fluid considering dynamic surface properties. <i>Journal of Petroleum Science and Engineering</i> , 2019, 174, 468-475.	2.1	17
58	Selection and study of alkoxysilanes as loading in submicrocapsules for self-lubricating coatings. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 563, 359-369.	2.3	12
59	Effect of soluble surfactants on pinch-off of moderately viscous drops and satellite size. <i>Journal of Colloid and Interface Science</i> , 2018, 516, 182-191.	5.0	27
60	Dilational surface visco-elasticity of C _n EO _m solutions under dynamic conditions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 557, 131-136.	2.3	4
61	The Influence of Enzymatic Hydrolysis on Adsorption and Interfacial Dilatational Properties of Pumpkin (<i>Cucurbita pepo</i>) Seed Protein Isolate. <i>Food Biophysics</i> , 2018, 13, 217-225.	1.4	5
62	Measuring Interfacial Tension of Emulsions <i>in Situ</i> by Microfluidics. <i>Langmuir</i> , 2018, 34, 4991-4997.	1.6	33
63	Thixotropic bulk elasticity versus interfacial elasticity in Xanthan Gum surfactant mixed solutions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 557, 123-130.	2.3	3
64	Dilational surface elasticity of spread monolayers of pulmonary lipids in a broad range of surface pressure. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 541, 137-144.	2.3	19
65	Study of the Liquid/Vapor Interfacial Properties of Concentrated Polyelectrolyte-Surfactant Mixtures Using Surface Tensiometry and Neutron Reflectometry: Equilibrium, Adsorption Kinetics, and Dilational Rheology. <i>Journal of Physical Chemistry C</i> , 2018, 122, 4419-4427.	1.5	42
66	Adsorption and surface dilational visco-elasticity of C _n EO _m solutions as studied by drop profile analysis tensiometry. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 547, 95-101.	2.3	5
67	Quantum-chemical analysis of condensed monolayer phases of N-alkanoyl-substituted alanine at the air/water interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 546, 346-359.	2.3	6
68	Interfacial tensiometry and dilational surface visco-elasticity of biological liquids in medicine. <i>Advances in Colloid and Interface Science</i> , 2018, 255, 34-46.	7.0	9
69	Synthesis of Submicrocontainers with "Green" Biocide and Study of Their Antimicrobial Activity. <i>Colloids and Interfaces</i> , 2018, 2, 67.	0.9	6
70	Effect of Amplitude on the Surface Dilational Visco-Elasticity of Protein Solutions. <i>Colloids and Interfaces</i> , 2018, 2, 57.	0.9	8
71	Dynamic Properties of Mixed Cationic/Nonionic Adsorbed Layers at the N-Hexane/Water Interface: Capillary Pressure Experiments Under Low Gravity Conditions. <i>Colloids and Interfaces</i> , 2018, 2, 53.	0.9	4
72	A critical review of the model fitting quality and parameter stability of equilibrium adsorption models. <i>Advances in Colloid and Interface Science</i> , 2018, 262, 50-68.	7.0	30

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73	An investigation on the influence of pH and ionic strength on the adsorption and interfacial dilatational properties at the oil-water interface of pumpkin (<i>Cucurbita pepo</i>) seed protein hydrolysate. <i>Journal of the Serbian Chemical Society</i> , 2018, 83, 847-861.	0.4	3
74	Direct Determination of the Distribution Coefficient of Tridecyl Dimethyl Phosphine Oxide between Water and Hexane. <i>Colloids and Interfaces</i> , 2018, 2, 28.	0.9	11
75	Dilatational Viscoelasticity of Proteins Solutions in Dynamic Conditions. <i>Langmuir</i> , 2018, 34, 6678-6686.	1.6	19
76	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
77	Influence of alkane and perfluorocarbon vapors on adsorbed surface layers and spread insoluble monolayers of surfactants, proteins and lipids. <i>Advances in Colloid and Interface Science</i> , 2017, 244, 100-112.	7.0	17
78	Effect of solution pH on the adsorption of BLG at the solution/tetradecane interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 519, 161-167.	2.3	6
79	β -Lactoglobulin adsorption layers at the water/air surface: 1. Adsorption kinetics and surface pressure isotherm: Effect of pH and ionic strength. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 519, 153-160.	2.3	40
80	Triclosan adsorption from model system by mineral sorbent diatomite. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 532, 97-101.	2.3	34
81	Dynamic properties of Span-80 adsorbed layers at paraffin-oil/water interface: Capillary pressure experiments under low gravity conditions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 532, 228-243.	2.3	6
82	Dynamic surface properties of C60-arginine and C60-lysine aqueous solutions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 529, 1-6.	2.3	17
83	Adsorption of alkane vapor at water drop surfaces. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 532, 541-547.	2.3	12
84	Adsorption characteristics of the alkyl phospholipid Inositol-C2-PAF at the solution/air interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 532, 578-582.	2.3	2
85	Adsorption of $C_{14}EO_8$ at the interface between its aqueous solution drop and air saturated by different alkanes vapor. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 2193-2200.	1.3	8
86	Flow physics exploration of surface tension driven flows. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 518, 30-45.	2.3	5
87	Dynamic interfacial tension of surfactant solutions. <i>Advances in Colloid and Interface Science</i> , 2017, 247, 115-129.	7.0	89
88	Surface Tension and Adsorption Studies by Drop Profile Analysis Tensiometry. <i>Journal of Surfactants and Detergents</i> , 2017, 20, 1225-1241.	1.0	48
89	Experimental and Computational Analysis of Fluid Interfaces Influenced by Soluble Surfactant. <i>Advances in Mathematical Fluid Mechanics</i> , 2017, , 395-444.	0.1	0
90	Microencapsulation of insulin and its release using w/o/w double emulsion method. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 521, 147-152.	2.3	36

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91	Dynamic surface properties of mixed monolayers of polystyrene micro- and nanoparticles with DPPC. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2017, 521, 239-246.	2.3	17
92	Mixed Protein/Hexane Adsorption Layers Formed at the Surface of Protein Solution Drops Surrounded by Hexane Vapor. Advanced Materials Interfaces, 2017, 4, 160031.	1.9	5
93	Mixed adsorption mechanism for the kinetics of BLG interfacial layer formation at the solution/tetradecane interface. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2017, 519, 146-152.	2.3	7
94	Adsorption of surfactants and proteins at the interface between their aqueous solution drop and air saturated by hexane vapour. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2017, 521, 211-220.	2.3	10
95	Interfacial adsorption, viscoelasticity and recovery of silk fibroin layers at different oil/water interface. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2017, 519, 179-186.	2.3	14
96	Dilational visco-elasticity of BLG adsorption layers at the solution/tetradecane interface – Effect of pH and ionic strength. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2017, 521, 204-210.	2.3	8
97	β -Lactoglobulin adsorption layers at the water/air surface: 2. Dilational rheology: Effect of pH and ionic strength. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2017, 521, 167-176.	2.3	35
98	Surface Tension Measurements with the Drop Profile Analysis Tensiometry – Consideration of the Surfactant Mass Balance in a Single Drop. Colloids and Interfaces, 2017, 1, 1.	0.9	20
99	The Use of Polymer and Surfactants for the Microencapsulation and Emulsion Stabilization. Colloids and Interfaces, 2017, 1, 3.	0.9	41
100	Multilayer Adsorption of Heptane Vapor at Water Drop Surfaces. Colloids and Interfaces, 2017, 1, 8.	0.9	2
101	Colloids and Interfaces. Colloids and Interfaces, 2017, 1, 9.	0.9	1
102	Influence of polyelectrolytes on dynamic surface properties of fibrinogen solutions. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2017, 532, 108-115.	2.3	11
103	Effect of ionic strength on the interfacial viscoelasticity and stability of silk fibroin at the oil/water interface. Journal of the Science of Food and Agriculture, 2016, 96, 4918-4928.	1.7	10
104	Experimental study on interfacial characteristics during bubble dissolution. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2016, 505, 179-185.	2.3	5
105	Surface tension and dilation rheology of DNA solutions in mixtures with azobenzene-containing cationic surfactant. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2016, 505, 186-192.	2.3	6
106	Droplet dynamics in rotating flows. Advances in Colloid and Interface Science, 2016, 236, 63-82.	7.0	6
107	Surface adsorption of sulfonated poly(phenylene sulfone)/C14TAB mixtures and its correlation with foam film stability. Physical Chemistry Chemical Physics, 2016, 18, 18414-18423.	1.3	14
108	Effect of pH and electrolyte concentration on rising air bubbles in β -lactoglobulin solutions. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2016, 505, 165-170.	2.3	15

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109	Balancing soft elasticity and low surface polarity in films of charged BSA capsules at air/fluid interface. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 146, 161-170.	2.5	6
110	Dilational Viscoelasticity of Adsorption Layers Measured by Drop and Bubble Profile Analysis: Reason for Different Results. <i>Langmuir</i> , 2016, 32, 5500-5509.	1.6	16
111	Specific effects of Ca ²⁺ ions and molecular structure of β -lactoglobulin interfacial layers that drive macroscopic foam stability. <i>Soft Matter</i> , 2016, 12, 5995-6004.	1.2	30
112	Triclosan as model system for the adsorption on recycled adsorbent materials. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 505, 193-196.	2.3	26
113	Polymer-surfactant systems in bulk and at fluid interfaces. <i>Advances in Colloid and Interface Science</i> , 2016, 233, 38-64.	7.0	175
114	Honorary note: Clayton J. Radke. <i>Advances in Colloid and Interface Science</i> , 2016, 233, 1-3.	7.0	0
115	Quantum chemical clarification of the alkyl chain length threshold of nonionic surfactants for monolayer formation at the air/water interface. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 7932-7937.	1.3	1
116	Surface tension of water and C 10 EO 8 solutions at the interface to hexane vapor saturated air. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 505, 118-123.	2.3	11
117	Dynamics of rear stagnant cap formation at the surface of rising bubbles in surfactant solutions at large Reynolds and Marangoni numbers and for slow sorption kinetics. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 492, 127-137.	2.3	25
118	Chronicles of foam films. <i>Advances in Colloid and Interface Science</i> , 2016, 233, 115-125.	7.0	26
119	The effect of adsorption kinetics on the rate of surfactant-enhanced spreading. <i>Soft Matter</i> , 2016, 12, 1009-1013.	1.2	29
120	Thermodynamics, interfacial pressure isotherms and dilational rheology of mixed protein-surfactant adsorption layers. <i>Advances in Colloid and Interface Science</i> , 2016, 233, 200-222.	7.0	36
121	Polymer-surfactant complexes for microencapsulation of vitamin E and its release. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 137, 152-157.	2.5	42
122	Experimental Approaches and Related Theories. <i>Progress in Colloid and Interface Science</i> , 2015, , 59-82.	0.0	0
123	Macroscale Computational Techniques in Interfacial Science. <i>Progress in Colloid and Interface Science</i> , 2015, , 183-195.	0.0	0
124	Solutal Marangoni Convection: Challenges in Fluid Dynamics with Mass Transfer. <i>Progress in Colloid and Interface Science</i> , 2015, , 467-480.	0.0	0
125	Thermodynamics of Adsorption at Liquid Interfaces. <i>Progress in Colloid and Interface Science</i> , 2015, , 3-40.	0.0	0
126	Dynamics of Interfacial Layer Formation. <i>Progress in Colloid and Interface Science</i> , 2015, , 83-104.	0.0	1

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127	Modeling of the effect of fluorocarbon gases on the properties of phospholipid monolayers and the adsorption dynamics of their aqueous solutions or dispersions. <i>Colloid and Polymer Science</i> , 2015, 293, 3091-3097.	1.0	23
128	Synergetic effect of sodium polystyrene sulfonate and guanidine hydrochloride on the surface properties of lysozyme solutions. <i>RSC Advances</i> , 2015, 5, 7413-7422.	1.7	14
129	Jones-Ray effect on the organization of lysozyme in the presence of NaNO ₃ at an air/water interface: is it a cause or consequence?. <i>RSC Advances</i> , 2015, 5, 100638-100645.	1.7	3
130	Dilational surface elasticity of monolayers of charged polystyrene nano- and microparticles at liquid/fluid interfaces. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015, 485, 42-48.	2.3	22
131	Stability and rheological behaviors of different oil/water emulsions stabilized by natural silk fibroin. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015, 475, 84-93.	2.3	44
132	Adsorption of proteins at the aqueous solution/alkane interface: Co-adsorption of protein and alkane. <i>Advances in Colloid and Interface Science</i> , 2015, 222, 509-516.	7.0	11
133	Tensiometry and dilational rheology of mixed β -lactoglobulin/ionic surfactant adsorption layers at water/air and water/hexane interfaces. <i>Journal of Colloid and Interface Science</i> , 2015, 449, 383-391.	5.0	21
134	Adsorption of Proteins at the Solution/Air Interface Influenced by Added Nonionic Surfactants at Very Low Concentrations for Both Components. 3. Dilational Surface Rheology. <i>Journal of Physical Chemistry B</i> , 2015, 119, 3768-3775.	1.2	12
135	Adsorption of proteins at the solution/air interface influenced by added non-ionic surfactants at very low concentrations for both components. 1. Dodecyl dimethyl phosphine oxide. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015, 475, 62-68.	2.3	13
136	Quantization of the Molecular Tilt Angle of Amphiphile Monolayers at the Air/Water Interface. <i>Journal of Physical Chemistry C</i> , 2015, 119, 5523-5533.	1.5	8
137	Effect of partial vapor pressure on the co-adsorption of surfactants and hexane at the water/hexane vapor interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015, 480, 79-84.	2.3	19
138	Quantum chemical analysis of thermodynamics of 2D cluster formation of alkanes at the water/vapor interface in the presence of aliphatic alcohols. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 28901-28920.	1.3	6
139	Applicability of lattice Boltzmann method in simulation of drops and bubbles formation and transport. <i>AIP Conference Proceedings</i> , 2015, , .	0.3	0
140	Dynamic surface tension of β -lactoglobulin at the aqueous solution/hexane vapor interface as measured by bubble pressure tensiometry. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015, 483, 137-141.	2.3	7
141	Analysis of Temperature and Alkyl Chain Length Impacts on the Morphological Peculiarities of Nonionic Surfactant Clusterization. A Quantum Chemical Approach. <i>Journal of Physical Chemistry C</i> , 2015, 119, 18404-18413.	1.5	5
142	Adsorption of equimolar aqueous sodium dodecyl sulphate/dodecyl trimethylammonium bromide mixtures at solution/air and solution/oil interfaces. <i>Colloid and Polymer Science</i> , 2015, 293, 3099-3106.	1.0	8
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