

# Reinhard Miller

## List of Publications by Citations

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657  
papers

18,821  
citations

64  
h-index

95  
g-index

707  
ext. papers

20,229  
ext. citations

5.5  
avg, IF

6.71  
L-index

#	Paper	IF	Citations
657	Lipases at interfaces: a review. <i>Advances in Colloid and Interface Science</i> , <b>2009</b> , 147-148, 237-50	14.3	513
656	Dynamics of protein and mixed protein/surfactant adsorption layers at the water/fluid interface. <i>Advances in Colloid and Interface Science</i> , <b>2000</b> , 86, 39-82	14.3	373
655	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> , <b>1994</b> , 87, 61-75	5.1	256
654	Dynamic surface and interfacial tensions of surfactant and polymer solutions. <i>Advances in Colloid and Interface Science</i> , <b>1994</b> , 49, 249-302	14.3	220
653	Adsorption of surfactants and proteins at fluid interfaces. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>1998</b> , 143, 141-165	5.1	186
652	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> , <b>2003</b> , 100, 9590-5	11.5	186
651	Dilational and shear rheology of adsorption layers at liquid interfaces. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>1996</b> , 111, 75-118	5.1	177
650	Stability of foam films and surface rheology: an oscillating bubble study at low frequencies. <i>Journal of Physical Chemistry B</i> , <b>2004</b> , 108, 6412-21	3.4	172
649	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> , <b>2003</b> , 106, 237-59	14.3	167
648	Thermodynamics, adsorption kinetics and rheology of mixed protein-surfactant interfacial layers. <i>Advances in Colloid and Interface Science</i> , <b>2009</b> , 150, 41-54	14.3	162
647	Dilational surface viscoelasticity of polymer solutions. <i>Advances in Colloid and Interface Science</i> , <b>2003</b> , 104, 245-71	14.3	141
646	Polymer-surfactant systems in bulk and at fluid interfaces. <i>Advances in Colloid and Interface Science</i> , <b>2016</b> , 233, 38-64	14.3	135
645	Rheology of interfacial layers. <i>Colloid and Polymer Science</i> , <b>2010</b> , 288, 937-950	2.4	134
644	Particle laden fluid interfaces: dynamics and interfacial rheology. <i>Advances in Colloid and Interface Science</i> , <b>2014</b> , 206, 303-19	14.3	126
643	The measurement of dynamic surface tension by the maximum bubble pressure method. <i>Colloid and Polymer Science</i> , <b>1994</b> , 272, 731-739	2.4	126
642	Interfacial shear rheology of protein-surfactant layers. <i>Advances in Colloid and Interface Science</i> , <b>2008</b> , 144, 38-53	14.3	117
641	Adsorption kinetics of surfactants at fluid interfaces. <i>Advances in Colloid and Interface Science</i> , <b>1991</b> , 37, 97-121	14.3	116

640	Mono- and multilayer covered drops as carriers. <i>Current Opinion in Colloid and Interface Science</i> , <b>2009</b> , 14, 48-59	7.6	109
639	pH effects on the molecular structure of $\beta$ -lactoglobulin modified air-water interfaces and its impact on foam rheology. <i>Langmuir</i> , <b>2013</b> , 29, 11646-55	4	106
638	A criterion for judging the purity of adsorbed surfactant layers. <i>Journal of Colloid and Interface Science</i> , <b>1987</b> , 120, 176-183	9.3	106
637	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> , <b>1996</b> , 100, 7669-7675		105
636	Dynamic surface tension and adsorption properties of $\beta$ -casein and $\beta$ -lactoglobulin. <i>Food Hydrocolloids</i> , <b>1996</b> , 10, 395-405	10.6	102
635	Adsorption behavior and dilational rheology of the cationic alkyl trimethylammonium bromides at the water/air interface. <i>Journal of Physical Chemistry B</i> , <b>2005</b> , 109, 1505-9	3.4	101
634	Adsorption of Proteins at the Liquid/Air Interface. <i>Journal of Physical Chemistry B</i> , <b>1998</b> , 102, 417-425	3.4	100
633	Simple model for prediction of surface tension of mixed surfactant solutions. <i>Advances in Colloid and Interface Science</i> , <b>2002</b> , 96, 339-59	14.3	99
632	Dilational surface visco-elasticity of polyelectrolyte/surfactant solutions: formation of heterogeneous adsorption layers. <i>Advances in Colloid and Interface Science</i> , <b>2011</b> , 168, 179-97	14.3	93
631	Dynamic surface tension and adsorption kinetics of beta-casein at the solution/air interface. <i>Langmuir</i> , <b>2004</b> , 20, 771-7	4	92
630	On the solution of diffusion controlled adsorption kinetics for any adsorption isotherms. <i>Colloid and Polymer Science</i> , <b>1981</b> , 259, 375-381	2.4	91
629	Influence of Surfactants on Lipase Fat Digestion in a Model Gastro-intestinal System. <i>Food Biophysics</i> , <b>2008</b> , 3, 370-381	3.2	88
628	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> , <b>2004</b> , 108, 18615-18622	3.4	88
627	Bovine serum albumin unfolding at the air/water interface as studied by dilational surface rheology. <i>Langmuir</i> , <b>2010</b> , 26, 17225-31	4	86
626	Limits of oscillation frequencies in drop and bubble shape tensiometry. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2005</b> , 261, 25-28	5.1	86
625	Drop and Bubble Shape Analysis as a Tool For Dilational Rheological Studies of Interfacial Layers. <i>Studies in Interface Science</i> , <b>2001</b> , 11, 439-483		85
624	Surface relaxations as a tool for studying dynamic interfacial behaviour. <i>Advances in Colloid and Interface Science</i> , <b>1991</b> , 37, 73-96	14.3	85
623	Adsorption Kinetics of Alkylphosphine Oxides at Water/Hexane Interface. <i>Journal of Colloid and Interface Science</i> , <b>1997</b> , 186, 40-5	9.3	84

622	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> , <b>2000</b> , 172, 91-101	5.1	84
621	Axisymmetric drop shape analysis as a film balance. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>1994</b> , 88, 51-58	5.1	83
620	Dynamic properties of mixed nanoparticle/surfactant adsorption layers. <i>Soft Matter</i> , <b>2013</b> , 9, 3305	3.6	82
619	Surface Tension Isotherms for Surfactant Adsorption Layers Including Surface Aggregation. <i>Langmuir</i> , <b>1996</b> , 12, 6011-6014	4	82
618	Interfacial properties of mixed beta-lactoglobulin-SDS layers at the water/air and water/oil interface. <i>Journal of Physical Chemistry B</i> , <b>2009</b> , 113, 745-51	3.4	80
617	Competition between lipases and monoglycerides at interfaces. <i>Langmuir</i> , <b>2008</b> , 24, 7400-7	4	79
616	The adsorption of surface-active complexes between $\beta$ -casein, $\beta$ -lactoglobulin and ionic surfactants and their shear rheological behaviour. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>1996</b> , 114, 255-265	5.1	79
615	Models of Two-Dimensional Solution Assuming the Internal Compressibility of Adsorbed Molecules: A Comparative Analysis. <i>Journal of Physical Chemistry B</i> , <b>2004</b> , 108, 13700-13705	3.4	78
614	General Relationships of the Adsorption Behavior of Surfactants at the Water/Air Interface. <i>Journal of Physical Chemistry B</i> , <b>2002</b> , 106, 809-819	3.4	76
613	Adsorption layer characteristics of Triton surfactants. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2009</b> , 334, 1-7	5.1	73
612	Adsorption Kinetics of Alkylphosphine Oxides at Water/Hexane Interface. <i>Journal of Colloid and Interface Science</i> , <b>1997</b> , 186, 46-52	9.3	73
611	Dynamic Surface Properties of Solutions of Poly(ethylene oxide) and Polyethylene Glycols. <i>Journal of Physical Chemistry B</i> , <b>2000</b> , 104, 7923-7931	3.4	73
610	Methods of measuring rheological properties of interfacial layers (Experimental methods of 2D rheology). <i>Colloid Journal</i> , <b>2009</b> , 71, 1-17	1.1	72
609	Surface dilational rheology of mixed adsorption layers at liquid interfaces. <i>Advances in Colloid and Interface Science</i> , <b>2006</b> , 122, 57-66	14.3	72
608	Adsorption from Mixed Ionic Surfactant/Protein Solutions: Analysis of Ion Binding. <i>Journal of Physical Chemistry B</i> , <b>2004</b> , 108, 16780-16785	3.4	71
607	Adsorption kinetics of surfactants from micellar solutions. <i>Colloid and Polymer Science</i> , <b>1981</b> , 259, 1124-1128	11.28	71
606	Surface tension isotherms, adsorption dynamics and dilational visco-elasticity of sodium dodecyl sulphate solutions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2010</b> , 354, 8-15	5.1	70
605	Dynamic surface properties of polyelectrolyte/surfactant adsorption films at the air/water interface: poly(diallyldimethylammonium chloride) and sodium dodecylsulfate. <i>Langmuir</i> , <b>2007</b> , 23, 9641-51	14.51	70

604	Dilatational rheology of beta-casein adsorbed layers at liquid-fluid interfaces. <i>Journal of Physical Chemistry B</i> , <b>2005</b> , 109, 17608-16	3.4	69
603	Dynamic surface tension and surface shear rheology studies of mixed $\beta$ -lactoglobulin/Tween 20 systems. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>1995</b> , 98, 127-135	5.1	68
602	Relationship between foam stability and surface elasticity forces: Fatty acid solutions. <i>Colloids and Surfaces</i> , <b>1991</b> , 53, 47-62		68
601	Dynamic interfacial tension of surfactant solutions. <i>Advances in Colloid and Interface Science</i> , <b>2017</b> , 247, 115-129	14.3	67
600	Relaxation of adsorption layers at solution/air interfaces using axisymmetric drop-shape analysis. <i>Colloids and Surfaces</i> , <b>1993</b> , 69, 209-216		67
599	Measurement of the Partition Coefficient of Surfactants in Water/Oil Systems. <i>Langmuir</i> , <b>1997</b> , 13, 4817-4820	4.820	66
598	Competitive adsorption from mixed hen egg-white lysozyme/surfactant solutions at the air-water interface studied by tensiometry, ellipsometry, and surface dilatational rheology. <i>Journal of Physical Chemistry B</i> , <b>2008</b> , 112, 2136-43	3.4	66
597	Surface Dilational Modulus or Gibbs' Elasticity of Protein Adsorption Layers. <i>Journal of Physical Chemistry B</i> , <b>2004</b> , 108, 9173-9176	3.4	65
596	Effect of gastric conditions on $\beta$ -lactoglobulin interfacial networks: influence of the oil phase on protein structure. <i>Langmuir</i> , <b>2010</b> , 26, 15901-8	4	64
595	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> , <b>1997</b> , 101, 6479-6483	3.4	64
594	Competitive adsorption from mixed nonionic surfactant/protein solutions. <i>Journal of Colloid and Interface Science</i> , <b>2004</b> , 274, 496-501	9.3	64
593	Adsorption of Proteins at Liquid/Fluid Interfaces. <i>Journal of Colloid and Interface Science</i> , <b>1996</b> , 183, 26-34	3.4	64
592	Numerische Lösung fñein gemischtes Modell der diffusions-kinetik-kontrollierten Adsorption. <i>Colloid and Polymer Science</i> , <b>1980</b> , 258, 85-87	2.4	64
591	Dynamics of mixed protein/surfactant layers adsorbed at the water/air and water/oil interface. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2003</b> , 31, 107-114	6	63
590	Simple Method to Estimate Surface Tension of Mixed Surfactant Solutions. <i>Journal of Physical Chemistry B</i> , <b>2001</b> , 105, 11432-11438	3.4	63
589	Foams and emulsions of $\beta$ -casein examined by interfacial rheology. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2008</b> , 323, 116-122	5.1	62
588	Interfacial rheology of mixed layers of food proteins and surfactants. <i>Current Opinion in Colloid and Interface Science</i> , <b>2013</b> , 18, 302-310	7.6	61
587	Effect of repeated frying on the viscosity, density and dynamic interfacial tension of palm and olive oil. <i>Journal of Food Engineering</i> , <b>2011</b> , 105, 169-179	6	61

586	Equilibrium of adsorption of mixed milk protein/surfactant solutions at the water/air interface. <i>Langmuir</i> , <b>2008</b> , 24, 13977-84	4	61
585	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> , <b>2011</b> , 382, 186-191	5.1	60
584	Relaxation behaviour of human albumin adsorbed at the solution/air interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>1993</b> , 76, 179-185	5.1	60
583	Maximum bubble pressure tensiometry--an analysis of experimental constraints. <i>Advances in Colloid and Interface Science</i> , <b>2004</b> , 108-109, 287-301	14.3	59
582	Effect of protein penetration into phospholipid monolayers: morphology and structure. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2000</b> , 171, 175-184	5.1	59
581	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> , <b>1999</b> , 103, 9557-9561	3.4	59
580	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> , <b>1987</b> , 22, 207-214		59
579	Relaxation of surfactants adsorption layers at liquid interfaces. <i>Current Opinion in Colloid and Interface Science</i> , <b>2010</b> , 15, 256-263	7.6	58
578	Lipases at interfaces: unique interfacial properties as globular proteins. <i>Langmuir</i> , <b>2008</b> , 24, 6812-9	4	58
577	Surface-pressure isotherms of monolayers formed by microsize and nanosize particles. <i>Langmuir</i> , <b>2006</b> , 22, 1701-5	4	58
576	Kinetics of adsorption of proteins and surfactants. <i>Current Opinion in Colloid and Interface Science</i> , <b>2004</b> , 9, 350-356	7.6	58
575	Dynamic Surface Elasticity of $\beta$ -Casein Solutions during Adsorption. <i>Journal of Physical Chemistry C</i> , <b>2007</b> , 111, 16895-16901	3.8	57
574	Adsorption behaviour of hen egg-white lysozyme at the air/water interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2008</b> , 323, 167-174	5.1	57
573	Influence of the Two-Dimensional Compressibility on the Surface Pressure Isotherm and Dilational Elasticity of Dodecyldimethylphosphine Oxide. <i>Journal of Physical Chemistry B</i> , <b>2003</b> , 107, 6119-6121	3.4	57
572	Dynamics of protein adsorption at the oil/water interface: comparison with a theoretical model. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2005</b> , 261, 85-92	5.1	57
571	Effect of Monovalent Ions on the Monolayers Phase Behavior of the Charged Lipid DPPG. <i>Journal of Physical Chemistry B</i> , <b>1999</b> , 103, 1013-1018	3.4	57
570	Dynamic surface tensions of surfactant mixtures at the water-air interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>1995</b> , 97, 65-82	5.1	56
569	Measurement of interfacial shear rheological properties: An apparatus. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>1994</b> , 91, 169-180	5.1	54

- 568 Dynamics of interfacial layers-experimental feasibilities of adsorption kinetics and dilational rheology. *Advances in Colloid and Interface Science*, **2011**, 168, 167-78 14.3 53
- 567 Determination of equilibrium surface tension values by extrapolation via long time approximations. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **1997**, 122, 269-273 5.1 53
- 566 Thermodynamics and rheology of mixed protein-surfactant adsorption layers. *Soft Matter*, **2008**, 4, 1141-1146 53
- 565 Optimisation of calculation methods for determination of surface tensions by drop profile analysis tensiometry. *Advances in Colloid and Interface Science*, **2007**, 134-135, 322-9 14.3 53
- 564 Composite interfacial layers containing micro-size and nano-size particles. *Advances in Colloid and Interface Science*, **2006**, 128-130, 17-26 14.3 53
- 563 Effect of the Reorientation of Oxyethylated Alcohol Molecules within the Surface Layer on Equilibrium and Dynamic Surface Pressure. *Langmuir*, **1999**, 15, 1328-1336 4 53
- 562 Rheology of interfacial layers. *Current Opinion in Colloid and Interface Science*, **2014**, 19, 514-519 7.6 52
- 561 Adsorption layer characteristics of Tritons surfactants: 3. Dilational visco-elasticity. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2009**, 334, 16-21 5.1 52
- 560 Dynamic surface tension of aqueous alkyl dimethyl phosphine oxide solutions. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **1998**, 143, 311-321 5.1 52
- 559 Dynamic adsorption and characterization of phospholipid and mixed phospholipid/protein layers at liquid/liquid interfaces. *Advances in Colloid and Interface Science*, **2008**, 140, 67-76 14.3 52
- 558 Dilational viscoelasticity of PEO-PPO-PEO triblock copolymer films at the air-water interface in the range of high surface pressures. *Langmuir*, **2006**, 22, 2647-52 4 52
- 557 Comparison of various models describing the adsorption of surfactant molecules capable of interfacial reorientation. *Journal of Colloid and Interface Science*, **2003**, 261, 180-3 9.3 51
- 556 An investigation of the compression rate dependence on the surface pressure-surface area isotherm for a dipalmitoyl phosphatidylcholine monolayer at the air/water interface. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **1996**, 116, 173-180 5.1 51
- 555 Zur Adsorptionskinetik an der Oberfläche wachsender Tropfen. *Colloid and Polymer Science*, **1980**, 258, 179-185 2.4 51
- 554 On the theory of adsorption kinetics of ionic surfactants at fluid interfaces. *Colloid and Polymer Science*, **1983**, 261, 335-339 2.4 51
- 553 The Role of Electrostatic Repulsion on Increasing Surface Activity of Anionic Surfactants in the Presence of Hydrophilic Silica Nanoparticles. *Scientific Reports*, **2018**, 8, 7251 4.9 50
- 552 Kinetics of the desorption of surfactants and proteins from adsorption layers at the solution/air interface. *Journal of Physical Chemistry B*, **2005**, 109, 9672-7 3.4 50
- 551 Dynamic Surface Properties of Sodium Poly(styrenesulfonate) Solutions. *Macromolecules*, **2004**, 37, 2519-2526 50

550	Perturbation response relationship in liquid interfacial systems: non-linearity assessment by frequency domain analysis. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2005</b> , 261, 57-63	5.1	50
549	Kinetics of adsorption of globular proteins at liquid/fluid interfaces. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2001</b> , 183-185, 381-390	5.1	50
548	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> , <b>1996</b> , 12, 1851-1859	4	50
547	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> , <b>1993</b> , 75, 229-235	5.1	49
546	Relationship between structure and rheological properties of mixed BSA/Tween 80 adsorption layers at the air/water interface. <i>Food Hydrocolloids</i> , <b>2007</b> , 21, 823-830	10.6	48
545	Influence of the Compressibility of Adsorbed Layers on the Surface Dilational Elasticity. <i>Langmuir</i> , <b>2002</b> , 18, 7748-7752	4	48
544	Evidence of extraneous surfactant adsorption altering adsorbed layer properties of $\beta$ -lactoglobulin. <i>Journal of the Chemical Society, Faraday Transactions</i> , <b>1995</b> , 91, 1991-1996		48
543	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> , <b>1996</b> , 178, 168-175	9.3	48
542	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> , <b>1996</b> , 114, 113-121	5.1	48
541	Effect of surfactant interfacial orientation/aggregation on adsorption dynamics. <i>Advances in Colloid and Interface Science</i> , <b>2000</b> , 86, 83-101	14.3	47
540	Adsorption layer characteristics of Triton surfactants. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2009</b> , 334, 8-15	5.1	46
539	Adsorption of alkyl trimethylammonium bromides at the water/air and water/hexane interfaces. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2010</b> , 371, 22-28	5.1	46
538	Dynamic surface properties of poly(N-isopropylacrylamide) solutions. <i>Langmuir</i> , <b>2004</b> , 20, 9669-76	4	46
537	Dynamic Surface Properties of Poly(vinylpyrrolidone) Solutions. <i>Journal of Colloid and Interface Science</i> , <b>2002</b> , 255, 417-24	9.3	46
536	Polyelectrolyte/surfactant mixtures in the bulk and at water/oil interfaces. <i>Advances in Colloid and Interface Science</i> , <b>2014</b> , 205, 87-93	14.3	45
535	Interfacial mechanism of lipolysis as self-regulated process. <i>Biophysical Chemistry</i> , <b>2010</b> , 147, 93-103	3.5	45
534	Reversibility and irreversibility of adsorption of surfactants and proteins at liquid interfaces. <i>Advances in Colloid and Interface Science</i> , <b>2006</b> , 123-126, 163-71	14.3	45
533	Contact angle determination of micro- and nanoparticles at fluid/fluid interfaces: the excluded area concept. <i>Physical Chemistry Chemical Physics</i> , <b>2007</b> , 9, 6447-54	3.6	44



532	Dynamic properties of adsorption layers of amphiphilic substances at fluid interfaces. <i>Advances in Colloid and Interface Science</i> , <b>1991</b> , 36, 65-124	14.3	44
531	On the purity of aqueous surfactant solutions and the dynamic surface tension behaviour. <i>Tenside, Surfactants, Detergents</i> , <b>1979</b> , 16, 312-316	1	44
530	Impact of globule unfolding on dilational viscoelasticity of beta-lactoglobulin adsorption layers. <i>Journal of Physical Chemistry B</i> , <b>2009</b> , 113, 13398-404	3.4	43
529	Surface Dilational Rheology of Mixed Surfactants Layers at Liquid Interfaces. <i>Journal of Physical Chemistry C</i> , <b>2007</b> , 111, 14713-14719	3.8	43
528	Dynamic Surface Tension Measurements in the Sub-millisecond Range. <i>Journal of Colloid and Interface Science</i> , <b>1995</b> , 175, 118-121	9.3	43
527	Dilational viscoelasticity of fluid interfaces: The diffusion model for transient processes. <i>Colloids and Surfaces</i> , <b>1991</b> , 61, 219-226		43
526	Surface elasticity and frothability of n-octanol and n-octanoic acid solutions. <i>Colloids and Surfaces</i> , <b>1981</b> , 3, 329-338		43
525	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> , <b>2012</b> , 407, 159-168	5.1	42
524	Behaviour of BSA and of BSA-derivatives at the air/water interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2007</b> , 301, 16-22	5.1	42
523	Drop profile analysis tensiometry with drop bulk exchange to study the sequential and simultaneous adsorption of a mixed $\beta$ -casein /C12DMPO system. <i>Colloid and Polymer Science</i> , <b>2008</b> , 286, 1071-1077	2.4	42
522	Desorption kinetics of surfactants at fluid interfaces by novel coaxial capillary pendant drop experiments. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2008</b> , 319, 13-20	5.1	42
521	Frequency characteristics of amplitude and phase of oscillating bubble systems in a closed measuring cell. <i>Journal of Colloid and Interface Science</i> , <b>2002</b> , 252, 433-42	9.3	42
520	Interfacial behaviour and mechanical properties of spread lung surfactant protein/lipid layers. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2001</b> , 21, 191-205	6	42
519	Reorientation of Polyethylene Glycol Oxyethylene Ether in Nonequilibrium Adsorption Layers at the Water/Air Interface. Role of Molecular Weight and Temperature. <i>Langmuir</i> , <b>1995</b> , 11, 3054-3060	4	42
518	Surface dilatational behavior of $\beta$ -casein at the solution/air interface at different pH values. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2012</b> , 404, 17-24	5.1	41
517	Lipase reaction at interfaces as self-limiting processes. <i>Comptes Rendus Chimie</i> , <b>2009</b> , 12, 163-170	2.7	41
516	Adsorption characteristics of mixed monolayers of a globular protein and a non-ionic surfactant. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2000</b> , 161, 151-157	5.1	41
515	Surface rheology of monolayers. <i>Thin Solid Films</i> , <b>1996</b> , 284-285, 361-364	2.2	41

514	Surface Adsorption of Oppositely Charged SDS:C(12)TAB Mixtures and the Relation to Foam Film Formation and Stability. <i>Journal of Physical Chemistry B</i> , <b>2015</b> , 119, 12877-86	3.4	40
513	Adsorption of protein-surfactant complexes at the water/oil interface. <i>Langmuir</i> , <b>2011</b> , 27, 965-71	4	40
512	Adsorption of polar lipids at the water-oil interface. <i>Langmuir</i> , <b>2008</b> , 24, 5781-6	4	40
511	Impact of Surfactant Additions on Dynamic Properties of $\beta$ Casein Adsorption Layers. <i>Journal of Physical Chemistry C</i> , <b>2008</b> , 112, 6126-6131	3.8	40
510	Equation of State for Concentrated Protein Surface Layers at the Water/Air Interface. <i>Langmuir</i> , <b>1999</b> , 15, 1812-1816	4	40
509	A criterion for judging the purity of surfactant solutions based on diffusion controlled adsorption kinetics. <i>Colloid and Polymer Science</i> , <b>1986</b> , 264, 273-276	2.4	40
508	Dilation and shear rheology of mixed beta-casein/surfactant adsorption layers. <i>Journal of Physical Chemistry B</i> , <b>2009</b> , 113, 103-113	3.4	39
507	From surfactant adsorption kinetics to asymmetric nanomembrane mechanics: pendant drop experiments with subphase exchange. <i>Advances in Colloid and Interface Science</i> , <b>2010</b> , 161, 29-47	14.3	39
506	Dilational rheology of adsorbed surfactant layers--role of the intrinsic two-dimensional compressibility. <i>Advances in Colloid and Interface Science</i> , <b>2005</b> , 114-115, 303-12	14.3	39
505	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> , <b>2015</b> , 222, 260-74	14.3	38
504	Characterization methods for liquid interfacial layers. <i>European Physical Journal: Special Topics</i> , <b>2013</b> , 222, 7-29	2.3	38
503	Dynamic surface tension of micellar solutions in the millisecond and submillisecond time range. <i>Journal of Colloid and Interface Science</i> , <b>2006</b> , 302, 40-6	9.3	38
502	Beta-casein bilayer adsorption at the solution/air interface: experimental evidences and theoretical description. <i>Journal of Colloid and Interface Science</i> , <b>2002</b> , 253, 257-64	9.3	38
501	Use of pendant drop technique as a film balance at liquid/liquid interfaces. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>1995</b> , 96, 295-299	5.1	38
500	Surface Tension and Adsorption Studies by Drop Profile Analysis Tensiometry. <i>Journal of Surfactants and Detergents</i> , <b>2017</b> , 20, 1225-1241	1.9	37
499	Dynamic interfacial tensions of dietary oils. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2011</b> , 382, 261-265	5.1	37
498	Characterisation of the initial period of protein adsorption by dynamic surface tension measurements using different drop techniques. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>1998</b> , 131, 225-230	5.1	37
497	Adsorption behavior of oxyethylated surfactants at the air/water interface. <i>Journal of Colloid and Interface Science</i> , <b>2002</b> , 247, 193-9	9.3	37

496	Stress relaxation behaviour of dipalmitoyl phosphatidylcholine monolayers spread on the surface of a pendant drop. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>1999</b> , 15, 275-288	6	37
495	Dynamic Surface Elasticity of Micellar and Nonmicellar Solutions of Dodecyldimethyl Phosphine Oxide. Longitudinal Wave Study. <i>Journal of Colloid and Interface Science</i> , <b>1999</b> , 219, 250-259	9.3	37
494	Adsorption Kinetics of Phospholipids at the Chloroform/Water Interface Studied by Drop Volume and Pendant Drop Techniques. <i>Langmuir</i> , <b>1996</b> , 12, 5138-5142	4	37
493	Adsorption isotherm and equation of state for $\beta$ -lactoglobulin layers at the air/water surface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2013</b> , 422, 33-38	5.1	36
492	C14EO8 adsorption characteristics studied by drop and bubble profile tensiometry. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2008</b> , 323, 56-62	5.1	36
491	Interpretation of surface dilational elasticity data based on an intrinsic two-dimensional interfacial compressibility model. <i>Journal of Colloid and Interface Science</i> , <b>2004</b> , 270, 475-82	9.3	36
490	Experimental studies on the desorption of adsorbed proteins from liquid interfaces. <i>Food Hydrocolloids</i> , <b>2005</b> , 19, 479-483	10.6	36
489	Molecular orientation as a controlling process in adsorption dynamics. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2000</b> , 175, 51-60	5.1	36
488	Dilational surface elasticity of spread monolayers of polystyrene microparticles. <i>Soft Matter</i> , <b>2014</b> , 10, 6499-505	3.6	35
487	Interfacial rheology and conformations of triblock copolymers adsorbed onto the water-oil interface. <i>Journal of Colloid and Interface Science</i> , <b>2012</b> , 378, 135-43	9.3	35
486	Effects of dodecanol on the adsorption kinetics of SDS at the water-hexane interface. <i>Journal of Colloid and Interface Science</i> , <b>2010</b> , 351, 537-41	9.3	35
485	Impact of surfactant chain length on dynamic surface properties of alkyltrimethylammonium bromide/polyacrylic acid solutions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2010</b> , 354, 382-389	5.1	35
484	Surface dilational rheology of mixed beta-lactoglobulin/surfactant layers at the air/water interface. <i>Journal of Physical Chemistry B</i> , <b>2005</b> , 109, 13327-31	3.4	35
483	Quantum chemical analysis of the thermodynamics of 2D cluster formation of n-carboxylic acids at the air/water interface. <i>Journal of Physical Chemistry B</i> , <b>2006</b> , 110, 4717-30	3.4	35
482	Elastic Moduli of Asymmetric Ultrathin Free-Standing Polyelectrolyte Nanocomposites. <i>Macromolecules</i> , <b>2006</b> , 39, 1532-1537	5.5	35
481	Dynamic surface elasticity of polyelectrolyte/surfactant adsorption films at the air/water interface: dodecyltrimethylammonium bromide and copolymer of sodium 2-acrylamido-2-methyl-1-propansulfonate with N-isopropylacrylamide. <i>Journal of Colloid and Interface Science</i> , <b>2001</b> , 234, 221-231	9.3	35
480	Rheological surface properties of C12DMPO solution as obtained from amplitude- and phase-frequency characteristics of an oscillating bubble system. <i>Journal of Colloid and Interface Science</i> , <b>2004</b> , 280, 498-505	9.3	35
479	Surface elasticity and dynamic stability of wet foams. <i>Colloids and Surfaces</i> , <b>1985</b> , 16, 9-20		35

478	Foam films from oppositely charged polyelectrolyte/surfactant mixtures: effect of polyelectrolyte and surfactant hydrophobicity on film stability. <i>Langmuir</i> , <b>2010</b> , 26, 9321-7	4	34
477	No charge reversal at foam film surfaces after addition of oppositely charged polyelectrolytes?. <i>Journal of Physical Chemistry B</i> , <b>2009</b> , 113, 7986-90	3-4	34
476	Kinetics of Adsorption Layer Formation in Solutions of Polyacid/Surfactant Complexes. <i>Journal of Physical Chemistry C</i> , <b>2009</b> , 113, 5664-5671	3.8	34
475	Correlation between adsorption isotherms, thin liquid films and foam properties of protein/surfactant mixtures: Lysozyme/C10DMPO and lysozyme/SDS. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2008</b> , 323, 132-138	5.1	34
474	Ultrathin free-standing polyelectrolyte nanocomposites: a novel method for preparation and characterization of assembly dynamics. <i>Journal of Physical Chemistry B</i> , <b>2005</b> , 109, 14764-8	3-4	34
473	Quantum Chemical Analysis of Thermodynamics of the Two-Dimensional Cluster Formation at the Air/Water Interface. <i>Journal of Physical Chemistry B</i> , <b>2002</b> , 106, 121-131	3-4	34
472	A Novel Method To Evaluate the Phase Transition Thermodynamics of Langmuir Monolayers. Application to DPPG Monolayers Affected by Subphase Composition. <i>Journal of Physical Chemistry B</i> , <b>2003</b> , 107, 14283-14288	3-4	34
471	Ein Modell für die diffusionskontrollierte Adsorption von Tensidgemischen an fluiden Phasengrenzen. <i>Colloid and Polymer Science</i> , <b>1979</b> , 257, 1118-1120	2.4	34
470	Polymer-surfactant complexes for microencapsulation of vitamin E and its release. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2016</b> , 137, 152-7	6	33
469	Electrostatic stabilization of foam films from $\beta$ -lactoglobulin solutions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2014</b> , 460, 272-279	5.1	33
468	Formation of protein/surfactant adsorption layer at the air/water interface as studied by dilational surface rheology. <i>Journal of Physical Chemistry B</i> , <b>2011</b> , 115, 9971-9	3-4	33
467	Molecular weight dependence of the shear rheology of poly(methyl methacrylate) Langmuir films: a comparison between two different rheometry techniques. <i>Langmuir</i> , <b>2009</b> , 25, 7393-400	4	33
466	A study of mixed phospholipid/Casein monolayers at the water/air surface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>1998</b> , 142, 355-360	5.1	33
465	Effect of Surfactant Aggregation in the Adsorption Layer at the Liquid/Fluid Interface on the Shape of the Surface Pressure Isotherm. <i>Journal of Physical Chemistry B</i> , <b>2000</b> , 104, 5744-5749	3-4	33
464	Adsorption kinetics measurements of some nonionic surfactants. <i>Colloid and Polymer Science</i> , <b>1986</b> , 264, 357-361	2.4	33
463	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> , <b>2018</b> , 122, 4419-4427	3.8	32
462	Thermodynamics of adsorption of ionic surfactants at water/alkane interfaces. <i>Soft Matter</i> , <b>2014</b> , 10, 6873-87	3.6	32
461	Stability and rheological behaviors of different oil/water emulsions stabilized by natural silk fibroin. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2015</b> , 475, 84-93	5.1	32

460	Adsorption of water-soluble polymers with surfactant character. Adsorption kinetics and equilibrium properties. <i>Journal of Colloid and Interface Science</i> , <b>2007</b> , 307, 398-404	9.3	32
459	Adsorption of hen egg-white lysozyme at the air-water interface in presence of sodium dodecyl sulphate. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2008</b> , 317, 610-617	5.1	32
458	Adsorption kinetics of surfactant mixtures from micellar solutions as studied by maximum bubble pressure technique. <i>Journal of Colloid and Interface Science</i> , <b>2003</b> , 267, 475-82	9.3	32
457	Coalescence coupling with flocculation in dilute emulsions within the primary and/or secondary minimum. <i>Advances in Colloid and Interface Science</i> , <b>2003</b> , 100-102, 47-81	14.3	32
456	Alkane vapor and surfactants co-adsorption on aqueous solution interfaces. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2011</b> , 391, 19-24	5.1	31
455	Interfacial instability of growing drop: Experimental study and conceptual analysis. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2009</b> , 347, 167-174	5.1	31
454	Axiallysymmetric stress relaxation and surface dilation rheology of docosanic acid monolayers spread at the interface of pendant drops in the short time region. <i>Thin Solid Films</i> , <b>1997</b> , 298, 39-46	2.2	31
453	Surface dilational viscoelasticity of C14EO8 micellar solution studied by bubble profile analysis tensiometry. <i>Langmuir</i> , <b>2008</b> , 24, 6447-52	4	31
452	Equilibrium and dynamics of PEO/PPO/PEO penetration into DPPC monolayers. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2005</b> , 261, 39-48	5.1	31
451	Physico-chemical hydrodynamics of rising bubble. <i>Studies in Interface Science</i> , <b>1998</b> , 367-432		31
450	Characterisation of phospholipid layers at liquid interfaces 2. Comparison of isotherms of insoluble and soluble films of phospholipids at different fluid/water interfaces. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>1996</b> , 114, 123-130	5.1	31
449	Non-equilibrium properties of fluid interfaces: Aperiodic diffusion-controlled regime 1. Theory. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>1994</b> , 90, 251-259	5.1	31
448	Mixed protein-surfactant adsorption layers formed in a sequential and simultaneous way at water-air and water-oil interfaces. <i>Soft Matter</i> , <b>2012</b> , 8, 6057	3.6	30
447	Degree of crosslinking of collagen at interfaces: adhesion and shear rheological indicators. <i>International Journal of Biological Macromolecules</i> , <b>2011</b> , 48, 67-73	7.9	30
446	Equilibrium and dynamics of adsorption of mixed $\beta$ -casein/surfactant solutions at the water/hexane interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2010</b> , 354, 210-217	5.1	30
445	Adsorption of water-soluble polymers with surfactant character. Dilational viscoelasticity. <i>Langmuir</i> , <b>2007</b> , 23, 3802-8	4	30
444	Contact angle kinetics of human albumin solutions at solid surfaces. <i>Colloids and Surfaces</i> , <b>1993</b> , 69, 203-208		30
443	On the theory of adsorption kinetics of ionic surfactants at fluid interfaces. <i>Colloid and Polymer Science</i> , <b>1985</b> , 263, 420-423	2.4	30

442	Determination of the Ideal Surfactant Concentration in Miniemulsion Polymerization. <i>Macromolecular Chemistry and Physics</i> , <b>2013</b> , 214, 812-823	2.6	29
441	Adsorption layer characteristics of mixed sodium dodecyl sulfate/C(n)EO(m) solutions 1. Dynamic and equilibrium surface tension. <i>Langmuir</i> , <b>2010</b> , 26, 284-92	4	29
440	Surface tension of mixed non-ionic surfactant/protein solutions: comparison of a simple theoretical model with experiments. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2004</b> , 233, 39-42	5.1	29
439	Dynamic surface tension measurements of surfactant solutions using the maximum bubble pressure method Limits of applicability. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2004</b> , 250, 97-102	5.1	29
438	Characterisation of phospholipid layers at liquid interfaces. 3. Relaxation of spreading phospholipid monolayers under harmonic area changes. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>1996</b> , 114, 277-285	5.1	29
437	Surface viscoelasticity of phospholipid monolayers at the air/water interface. <i>Colloid and Polymer Science</i> , <b>1996</b> , 274, 1183-1187	2.4	29
436	On the solution of diffusion controlled adsorption kinetics by means of orthogonal collocation. <i>Colloid and Polymer Science</i> , <b>1986</b> , 264, 611-615	2.4	29
435	Adsorption kinetics of nonionic surfactants using the drop volume method. <i>Colloid and Polymer Science</i> , <b>1986</b> , 264, 277-281	2.4	29
434	Thermodynamics, interfacial pressure isotherms and dilational rheology of mixed protein-surfactant adsorption layers. <i>Advances in Colloid and Interface Science</i> , <b>2016</b> , 233, 200-222	14.3	28
433	Gamma-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> , <b>2017</b> , 519, 153-160	5.1	28
432	Rheology and structure formation in diluted mixed particle-surfactant systems. <i>Langmuir</i> , <b>2010</b> , 26, 16754-61	5.4	28
431	Adsorption of alkanes from the vapour phase on water drops measured by drop profile analysis tensiometry. <i>Soft Matter</i> , <b>2010</b> , 6, 4710	3.6	28
430	Stability of foam films of oppositely charged polyelectrolyte/surfactant mixtures: effect of isoelectric point. <i>Journal of Physical Chemistry B</i> , <b>2011</b> , 115, 14475-83	3.4	28
429	From spherical to polymorphous dispersed phase transition in water/oil emulsions. <i>Langmuir</i> , <b>2009</b> , 25, 4266-70	4	28
428	Accurate analysis of the bubble formation process in maximum bubble pressure tensiometry. <i>Review of Scientific Instruments</i> , <b>2004</b> , 75, 213-221	1.7	28
427	Dynamic Elasticity of Adsorption Layers in the Presence of Internal Reorientation Processes. <i>Journal of Physical Chemistry B</i> , <b>2001</b> , 105, 195-203	3.4	28
426	Equilibrium and Dynamics of Soluble Surfactant Penetration into a Langmuir Monolayer of a 2D Aggregating Homologue. <i>Journal of Physical Chemistry B</i> , <b>1999</b> , 103, 330-337	3.4	28
425	Hydrodynamic effects in measurements with the drop volume technique at small drop times 1. Surface tensions of pure liquids and mixtures. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>1994</b> , 92, 189-196	5.1	28

424	On the theory of adsorption kinetics of ionic surfactants at fluid interfaces 3. Generalization of the model. <i>Colloid and Polymer Science</i> , <b>1991</b> , 269, 923-928	2.4	28
423	The adsorption behavior of solutions containing sodium dodecyl sulfate and different n-alkanols. <i>Colloids and Surfaces</i> , <b>1990</b> , 47, 15-21		28
422	Investigation on the method of the radially oscillating bubble. <i>Colloids and Surfaces</i> , <b>1984</b> , 8, 271-288		28
421	On the importance of the purity of surfactant solutions in determining their adsorption kinetics. <i>Colloid and Polymer Science</i> , <b>1982</b> , 260, 1148-1150	2.4	28
420	Marangoni instabilities for convective mobile interfaces during drop exchange: Experimental study and CFD simulation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2014</b> , 441, 846-854	5.1	27
419	Microencapsulation of insulin and its release using w/o/w double emulsion method. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2017</b> , 521, 147-152	5.1	27
418	Dynamic surface tension of saliva: general relationships and application in medical diagnostics. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2009</b> , 74, 457-61	6	27
417	Dynamic surface elasticity of polyelectrolyte solutions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2007</b> , 298, 115-122	5.1	27
416	Dilational visco-elasticity of polyelectrolyte/surfactant adsorption layers at the air/water interface: Poly(vinyl pyridinium chloride) and sodium dodecylsulfate. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2008</b> , 322, 71-78	5.1	27
415	Quantum chemical semi-empirical approach to the thermodynamic characteristics of oligomers and large aggregates of alcohols at the water/air interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2002</b> , 209, 1-14	5.1	27
414	Isotherms of phospholipid monolayers measured by a pendant drop technique. <i>Colloid and Polymer Science</i> , <b>1996</b> , 274, 995-999	2.4	27
413	Mixed adsorption layers at the aqueous CnTAB solution/hexane vapour interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2014</b> , 442, 50-55	5.1	26
412	Adsorption of alkyltrimethylammonium bromides at water/alkane interfaces: competitive adsorption of alkanes and surfactants. <i>Langmuir</i> , <b>2013</b> , 29, 13783-9	4	26
411	The role of polysorbate 80 and HP $\beta$ CD at the air-water interface of IgG solutions. <i>Pharmaceutical Research</i> , <b>2013</b> , 30, 117-30	4.5	26
410	The Use of Polymer and Surfactants for the Microencapsulation and Emulsion Stabilization. <i>Colloids and Interfaces</i> , <b>2017</b> , 1, 3	3	26
409	Dilational rheology of polymer/surfactant mixtures at water/hexane interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2011</b> , 391, 130-134	5.1	26
408	Adsorption layer characteristics of Triton surfactants: 4. Dynamic surface tension and dilational visco-elasticity of micellar solutions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2009</b> , 334, 22-27	5.1	26
407	Dynamic Surface Properties of Solutions of Phosphine Oxides: A Capillary Wave Study. <i>Journal of Colloid and Interface Science</i> , <b>1997</b> , 188, 9-15	9.3	26

406	Quantum Chemical Analysis of the Thermodynamics of 2-Dimensional Cluster Formation of Alkylamines at the Air/Water Interface. <i>Journal of Physical Chemistry C</i> , <b>2007</b> , 111, 15342-15349	3.8	26
405	Quantification of Synergistic Interaction between Different Surfactants Using a Generalized Frumkin-Damaskin Adsorption Isotherm. <i>Langmuir</i> , <b>1994</b> , 10, 3738-3742	4	26
404	Non-equilibrium surface thermodynamics. Measurement of transient dynamic surface tension for fluid-fluid interfaces by the trapezoidal pulse technique. <i>Colloids and Surfaces</i> , <b>1991</b> , 57, 335-342		26
403	β-Lactoglobulin adsorption layers at the water/air surface: 2. Dilational rheology: Effect of pH and ionic strength. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2017</b> , 521, 167-176	5.1	25
402	Short time dynamic interfacial tension as studied by the growing drop capillary pressure technique. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2010</b> , 365, 62-69	5.1	25
401	Bubble Oscillations in a Closed Cell. <i>Journal of Colloid and Interface Science</i> , <b>2000</b> , 224, 245-254	9.3	25
400	Adsorption Behavior of Oxyethylated Alcohols at the Solution/Air Interface. <i>Langmuir</i> , <b>2000</b> , 16, 4196-4201		25
399	Triclosan adsorption from model system by mineral sorbent diatomite. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2017</b> , 532, 97-101	5.1	24
398	Study of the co-adsorption of hexane from the gas phase at the surface of aqueous C10EO8 drops. <i>Soft Matter</i> , <b>2011</b> , 7, 7860	3.6	24
397	Rheology of poly(methyl methacrylate) Langmuir monolayers: percolation transition to a soft glasslike system. <i>Journal of Chemical Physics</i> , <b>2011</b> , 134, 104704	3.9	24
396	Interaction of cationic surfactant and anionic polyelectrolytes in mixed aqueous solutions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2008</b> , 319, 43-50	5.1	24
395	Oscillation of interfacial properties in liquid systems: assessment of harmonic distortion. <i>Physical Chemistry Chemical Physics</i> , <b>2004</b> , 6, 1375-1379	3.6	24
394	Dynamics of Surfactant Adsorption from Solution Considering Aggregation within the Adsorption Layer. <i>Journal of Physical Chemistry B</i> , <b>1998</b> , 102, 6025-6028	3.4	24
393	Viscoelasticity of phospholipid layers at different fluid interfaces. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>1999</b> , 149, 491-497	5.1	24
392	Hydrodynamic processes in dynamic bubble pressure experiments 1. A general analysis. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>1996</b> , 114, 61-73	5.1	24
391	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> , <b>2020</b> , 279, 102143	14.3	23
390	Specific effects of Ca(2+) ions and molecular structure of β-lactoglobulin interfacial layers that drive macroscopic foam stability. <i>Soft Matter</i> , <b>2016</b> , 12, 5995-6004	3.6	23
389	Interfacial viscoelasticity of myoglobin at air/water and air/solution interfaces: role of folding and clustering. <i>Journal of Physical Chemistry B</i> , <b>2012</b> , 116, 895-902	3.4	23



388	Drop profile analysis tensiometry under highly dynamic conditions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2012</b> , 413, 292-297	5.1	23
387	Anomalous Dynamic Surface Tension of Mixtures of Nonionic Surfactants with Different Partial Molar Areas at the Water/Air Interface. <i>Langmuir</i> , <b>1997</b> , 13, 409-413	4	23
386	Surface rheology of adsorbed surfactants and proteins. <i>Current Opinion in Colloid and Interface Science</i> , <b>1997</b> , 2, 578-583	7.6	23
385	Mixed micelles as delivery systems for enhanced emulsifier adsorption at the air/water interface: Sodium stearyl lactylate (SSL)/Tween80 solutions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2007</b> , 301, 158-165	5.1	23
384	Dynamic properties of poly(styrene)-poly(ethylene oxide) diblock copolymer films at the air-water interface. <i>Journal of Colloid and Interface Science</i> , <b>2002</b> , 247, 117-24	9.3	23
383	3. Equilibrium adsorption properties of single and mixed surfactant solutions. <i>Studies in Interface Science</i> , <b>2001</b> , 13, 189-285		23
382	On the theory of adsorption kinetics of ionic surfactants at fluid interfaces 4. Deceleration of the adsorption rate due to non-equilibrium distribution of adsorbed ions in the diffuse layer. <i>Colloid and Polymer Science</i> , <b>1994</b> , 272, 548-553	2.4	23
381	The effect of adsorption kinetics on the rate of surfactant-enhanced spreading. <i>Soft Matter</i> , <b>2016</b> , 12, 1009-13	3.6	22
380	Effect of surfactant hydrophobicity on the interfacial properties of polyallylamine hydrochloride/sodium alkylsulphate at water/hexane interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2013</b> , 438, 141-147	5.1	22
379	Dilational surface viscoelasticity of protein solutions. Impact of urea. <i>Food Hydrocolloids</i> , <b>2014</b> , 34, 98-103	3.6	22
378	Adsorption of $\beta$ -casein-surfactant mixed layers at the air-water interface evaluated by interfacial rheology. <i>Journal of Physical Chemistry B</i> , <b>2012</b> , 116, 4898-907	3.4	22
377	Quantum-chemical analysis of thermodynamics of two-dimensional cluster formation of alpha-amino acids at the air/water interface. <i>Journal of Physical Chemistry B</i> , <b>2009</b> , 113, 16557-67	3.4	22
376	Quantum Chemical Analysis of Thermodynamics of 2D Cluster Formation of n-Thioalcohols at the Air/Water Interface. <i>Journal of Physical Chemistry C</i> , <b>2007</b> , 111, 5374-5381	3.8	22
375	Synergy between Hofmeister effect and coupled water in proteins: Unusual dilational moduli of BSA at air/solution interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2008</b> , 324, 194-201	5.1	22
374	On the determination of equilibrium surface tension values of surfactant solutions. <i>Colloid and Polymer Science</i> , <b>1983</b> , 261, 585-590	2.4	22
373	Bestimmung der dynamischen Oberflächenspannung mit Hilfe eines automatischen Blasendrucktensimeters / Dynamic surface tension determination using an automated bubble pressure tensiometer. <i>Tenside, Surfactants, Detergents</i> , <b>1997</b> , 34, 357-363	1	22
372	Drop and bubble micro manipulator (DBMM) a unique tool for mimicking processes in foams and emulsions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2014</b> , 441, 807-814	5.1	21
371	Effect of water hardness on surface tension and dilational visco-elasticity of sodium dodecyl sulphate solutions. <i>Journal of Colloid and Interface Science</i> , <b>2012</b> , 377, 1-6	9.3	21

370	Influence of $\beta$ -lactoglobulin and its surfactant mixtures on velocity of the rising bubbles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2014</b> , 460, 361-368	5.1	21
369	Dynamic interfacial tension of triblock copolymers solutions at the water/hexane interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2011</b> , 391, 119-124	5.1	21
368	Fluid to soft-glass transition in a quasi-2D system: thermodynamic and rheological evidences for a Langmuir monolayer. <i>Physical Chemistry Chemical Physics</i> , <b>2011</b> , 13, 9534-9	3.6	21
367	Equilibrium and surface rheology of two polyoxyethylene surfactants (CiEOj) differing in the number of oxyethylene groups. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2011</b> , 375, 130-135	5.1	21
366	Adsorption Kinetics of Oxyethylated Polyglycol Ethers at the Water/Nonane Interface. <i>Langmuir</i> , <b>1997</b> , 13, 283-289	4	21
365	Determination of protein adsorption by comparative drop and bubble profile analysis tensiometry. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2004</b> , 36, 123-6	6	21
364	Equilibrium and Dynamic Characteristics of Protein Adsorption Layers at Gas-Liquid Interfaces: Theoretical and Experimental Data. <i>Colloid Journal</i> , <b>2005</b> , 67, 393-404	1.1	21
363	Nonequilibrium properties of fluid interfaces: aperiodic diffusion-controlled regime 2. Experiments. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>1995</b> , 95, 63-68	5.1	21
362	Triclosan as model system for the adsorption on recycled adsorbent materials. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2016</b> , 505, 193-196	5.1	20
361	Smart and green interfaces: from single bubbles/drops to industrial environmental and biomedical applications. <i>Advances in Colloid and Interface Science</i> , <b>2014</b> , 209, 109-26	14.3	20
360	Interfacial adsorption and rheological behavior of $\beta$ -casein at the water/hexane interface at different pH. <i>Food Hydrocolloids</i> , <b>2014</b> , 34, 193-201	10.6	20
359	Dynamic surface properties of polyethylenimine and sodium dodecylsulfate complex solutions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2010</b> , 367, 129-132	5.1	20
358	Dilational rheology of serum albumin and blood serum solutions as studied by oscillating drop tensiometry. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2008</b> , 62, 77-82	6	20
357	Analysis of dynamic surface tension data for SDS/TAB mixed solutions. <i>Physical Chemistry Chemical Physics</i> , <b>2004</b> , 6, 1592-1596	3.6	20
356	Dynamics of Rear Stagnant Cap Formation at Low Reynolds Numbers. <i>Journal of Colloid and Interface Science</i> , <b>2000</b> , 226, 51-59	9.3	20
355	The structure and dynamic properties of mixed adsorption and penetration layers of $\beta$ -dipalmitoylphosphatidylcholine/ $\beta$ -lactoglobulin at water/fluid interfaces. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>1999</b> , 15, 289-295	6	20
354	Adsorption kinetics of surfactants at fluid interfaces: Experimental conditions and practice of application of theoretical models. <i>Colloids and Surfaces</i> , <b>1990</b> , 46, 75-83		20
353	Effect of soluble surfactants on pinch-off of moderately viscous drops and satellite size. <i>Journal of Colloid and Interface Science</i> , <b>2018</b> , 516, 182-191	9.3	19

352	Chronicles of foam films. <i>Advances in Colloid and Interface Science</i> , <b>2016</b> , 233, 115-125	14.3	19
351	Adsorption layer properties of alkyltrimethylammonium bromides at interfaces between water and different alkanes. <i>Journal of Colloid and Interface Science</i> , <b>2013</b> , 410, 181-7	9.3	19
350	Surface Tension Measurements with the Drop Profile Analysis Tensiometry—Consideration of the Surfactant Mass Balance in a Single Drop. <i>Colloids and Interfaces</i> , <b>2017</b> , 1, 1	3	19
349	Tensiometry and dilational rheology of mixed $\beta$ -lactoglobulin/ionic surfactant adsorption layers at water/air and water/hexane interfaces. <i>Journal of Colloid and Interface Science</i> , <b>2015</b> , 449, 383-91	9.3	19
348	Quantum Chemical Analysis of the Thermodynamics of 2D Cluster Formation of Aliphatic Amides at the Air/Water Interface. <i>Journal of Physical Chemistry C</i> , <b>2012</b> , 116, 26358-26376	3.8	19
347	Adsorption layer characteristics of mixed oxyethylated surfactant solutions. <i>Journal of Physical Chemistry B</i> , <b>2010</b> , 114, 4503-8	3.4	19
346	Quantum-chemical analysis of thermodynamics of two-dimensional cluster formation of racemic $\beta$ -amino acids at the air/water interface. <i>Journal of Physical Chemistry B</i> , <b>2011</b> , 115, 2264-81	3.4	19
345	Thermodynamics of the clusterization process of cis isomers of unsaturated fatty acids at the air/water interface. <i>Journal of Physical Chemistry B</i> , <b>2009</b> , 113, 4347-59	3.4	19
344	The effect of capillary characteristics on the results of dynamic surface tension measurements using the maximum bubble pressure method. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>1998</b> , 135, 27-40	5.1	19
343	The Elasticity of Adsorption Layers of Reorientable Surfactants. <i>Journal of Colloid and Interface Science</i> , <b>2001</b> , 236, 35-40	9.3	19
342	Resonance Behavior of Oscillating Bubbles. <i>Journal of Colloid and Interface Science</i> , <b>2000</b> , 224, 47-55	9.3	19
341	Investigation of over-compressed spread l-dipalmitoyl phosphatidylcholine films and the influence of solvent vapour in the gas phase on $\Gamma$ /A isotherms measured by using the captive bubble technique. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2000</b> , 164, 267-278	5.1	19
340	Adsorption kinetics and rheological properties of food proteins at air/water and oil/water interfaces. <i>Molecular Nutrition and Food Research</i> , <b>1998</b> , 42, 225-228		19
339	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> , <b>2015</b> , 480, 79-84	5.1	18
338	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> , <b>2016</b> , 492, 127-137	5.1	18
337	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> , <b>2015</b> , 293, 3091-3097	2.4	18
336	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> , <b>2015</b> , 485, 42-48 <sup>5.1</sup>		18
335	Studies of the rate of water evaporation through adsorption layers using drop shape analysis tensiometry. <i>Journal of Colloid and Interface Science</i> , <b>2007</b> , 308, 249-53	9.3	18

334	The influence of spreading solvent traces in the atmosphere on surface tension measurements by using a micro-film balance and the captive bubble method. <i>Materials Science and Engineering C</i> , <b>1999</b> , 8-9, 57-64	8.3	18
333	UV/vis spectroscopic investigations of micellisation of homologous N-alkyl betaines using the dye indicator ET(30). <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>1995</b> , 105, 233-242	5.1	18
332	Untersuchungen über das Desorptionsverhalten einiger flüchtigen-Alkansäuren an der Wasser-Luft-Grenzfläche. <i>Colloid and Polymer Science</i> , <b>1982</b> , 260, 599-612	2.4	18
331	Zur Adsorptionskinetik an fluiden Phasengrenzen. <i>Zeitschrift Fur Physikalische Chemie</i> , <b>1978</b> , 2590, 863-868		18
330	A critical review of the model fitting quality and parameter stability of equilibrium adsorption models. <i>Advances in Colloid and Interface Science</i> , <b>2018</b> , 262, 50-68	14.3	18
329	Measuring Interfacial Tension of Emulsions in Situ by Microfluidics. <i>Langmuir</i> , <b>2018</b> , 34, 4991-4997	4	17
328	Dynamics of adsorption of polyallylamine hydrochloride/sodium dodecyl sulphate at water/air and water/hexane interfaces. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2011</b> , 391, 112-118	5.1	17
327	Adsorption of octanoic acid at the water/oil interface. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2009</b> , 74, 492-7	6	17
326	Interfacial assembly of partially hydrophobic silica nanoparticles induced by ultrasonic treatment. <i>Small</i> , <b>2007</b> , 3, 665-71	11	17
325	Project proposal for the investigation of particle-stabilised emulsions and foams by microgravity experiments. <i>Microgravity Science and Technology</i> , <b>2006</b> , 18, 104-107	1.6	17
324	Adsorption and surface rheology of n-dodecanol at the water/air interface. <i>Journal of Colloid and Interface Science</i> , <b>2004</b> , 272, 277-80	9.3	17
323	Correction for the Aerodynamic Resistance and Viscosity in Maximum Bubble Pressure Tensiometry. <i>Langmuir</i> , <b>2004</b> , 20, 1721-1723	4	17
322	INFLUENCE OF MOLECULAR PROCESSES AT LIQUID INTERFACES ON DYNAMIC SURFACE TENSIONS AND WETTING KINETICS <b>2004</b> , 80, 549-561		17
321	Surface viscoelastic properties of floating polyelectrolyte multilayers films: a capillary wave study. <i>Journal of Colloid and Interface Science</i> , <b>2005</b> , 292, 86-92	9.3	17
320	Phase Transitions in Adsorption Layers at the Water/Hexane Interface. <i>Journal of Physical Chemistry B</i> , <b>2000</b> , 104, 8471-8476	3.4	17
319	Hydrodynamic effects in measurements with the drop volume technique at small drop times. 2. Drop time and drop volume bifurcations. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>1995</b> , 97, 255-262	5.1	17
318	Investigations on the possibility of purifying surfactant solutions by adsorption on solids. <i>Colloid and Polymer Science</i> , <b>1984</b> , 262, 662-666	2.4	17
317	Dynamic surface properties of mixed monolayers of polystyrene micro- and nanoparticles with DPPC. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2017</b> , 521, 239-246	5.1	16

316	Polyester textile functionalisation through incorporation of pH/thermo-responsive microgels. Part I: Microgel preparation and characterisation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2012</b> , 413, 334-341	5.1	16
315	Adsorption and dilational rheology of mixed $\beta$ -casein/DoTAB layers formed by sequential and simultaneous adsorption at the water/hexane interface. <i>Langmuir</i> , <b>2013</b> , 29, 2233-41	4	16
314	Adsorption layer and foam film properties of mixed solutions containing $\beta$ -casein and C12DMPO. <i>Food Hydrocolloids</i> , <b>2009</b> , 23, 1169-1176	10.6	16
313	Quantum-chemical description of the thermodynamic characteristics of clusterization of melamine-type amphiphiles at the air/water interface. <i>Journal of Physical Chemistry B</i> , <b>2009</b> , 113, 13235-44	3.4	16
312	Dynamic adsorption layer formation and time of bubble attachment to a mica surface in solutions of cationic surfactants (CnTABr). <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2010</b> , 365, 14-20	5.1	16
311	Hydrodynamic processes in dynamic bubble pressure experiments: 2. Slow meniscus oscillations. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>1998</b> , 138, 51-63	5.1	16
310	Hydrodynamic processes in dynamic bubble pressure experiments. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>1998</b> , 141, 253-267	5.1	16
309	The maximum bubble pressure tensiometry. <i>Studies in Interface Science</i> , <b>1998</b> , 6, 279-326		16
308	Adsorption dynamics of micellar solutions of a mixed anionic/cationic surfactant system. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2004</b> , 239, 33-40	5.1	16
307	Interfacial tensiometry as a novel methodology for the determination of surfactant adsorption at a liquid surface. <i>Journal of Colloid and Interface Science</i> , <b>2004</b> , 275, 305-8	9.3	16
306	Calibration parameters of the pendant drop tensiometer: assessment of accuracy. <i>Journal of Colloid and Interface Science</i> , <b>2003</b> , 265, 161-5	9.3	16
305	Relation between rheological properties and structural changes in monolayers of model lung surfactant under compression. <i>Biophysical Chemistry</i> , <b>2003</b> , 104, 633-42	3.5	16
304	Hydrodynamic processes in dynamic bubble pressure experiments. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2001</b> , 192, 157-175	5.1	16
303	Studies of concentrated surfactant solutions using the maximum bubble pressure method. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2000</b> , 175, 207-216	5.1	16
302	Consistency of surface mechanical properties of spread protein layers at the liquid-air interface at different spreading conditions. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>1999</b> , 12, 391-397	6	16
301	Exchange of matter at the interface between two liquid phases. <i>Colloid and Polymer Science</i> , <b>1992</b> , 270, 598-601	2.4	16
300	On the solution of the diffusion problems in adsorption kinetics. <i>Colloid and Polymer Science</i> , <b>1977</b> , 255, 669-674	2.4	16
299	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> , <b>2017</b> , 244, 100-142	11.3	15

298	Dilational rheology of spread and adsorbed layers of silica nanoparticles at the liquid-gas interface. <i>Colloid Journal</i> , <b>2014</b> , 76, 127-138	1.1	15
297	On the applicability of Drop Profile Analysis Tensiometry at high flow rates using an interface tracking method. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2014</b> , 441, 837-845	5.1	15
296	Physicochemical properties of biopolymer-based polyelectrolyte complexes with controlled pH/thermo-responsiveness. <i>Reactive and Functional Polymers</i> , <b>2012</b> , 72, 458-468	4.6	15
295	Assembling fibrinogen at air/water and solid/liquid interfaces using Langmuir and Langmuir-Blodgett films. <i>Journal of Physical Chemistry B</i> , <b>2010</b> , 114, 8067-75	3.4	15
294	SURFACTANT ADSORPTION ISOTHERMS CONSIDERING MOLECULAR REORIENTATION OR AGGREGATION AT LIQUID/FLUID INTERFACES. <i>Reviews in Chemical Engineering</i> , <b>1998</b> , 14,	5	15
293	Non-diffusional adsorption dynamics of surfactants at the air/water interface: adsorption barrier or non-equilibrium surface layer. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>1998</b> , 143, 243-249	5.1	15
292	Adsorption and interfacial tension isotherms for proteins. <i>Studies in Interface Science</i> , <b>1998</b> , 7, 51-102		15
291	Application of the maximum bubble pressure technique for dynamic surface tension studies of surfactant solutions using the Sugden two-capillary method. <i>Journal of Colloid and Interface Science</i> , <b>2006</b> , 304, 222-5	9.3	15
290	Dynamic characterization of phospholipid/protein competitive adsorption at the aqueous solution/chloroform interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2000</b> , 175, 113-120	5.1	15
289	Quantification of synergistic interaction of surfactants using a generalised Frumkin-Damaskin isotherm. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>1993</b> , 81, 1-12	5.1	15
288	Dynamic surface properties of C60-arginine and C60-l-lysine aqueous solutions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2017</b> , 529, 1-6	5.1	14
287	Dynamic properties and relaxation processes in surface layer of pulmonary surfactant solutions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2019</b> , 573, 14-21	5.1	14
286	Self-assembled peptide amphiphiles function as multivalent binder with increased hemagglutinin affinity. <i>BMC Biotechnology</i> , <b>2013</b> , 13, 51	3.5	14
285	Bubble in flow field: A new experimental protocol for investigating dynamic adsorption layers by using capillary pressure tensiometry. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2014</b> , 460, 369-376	5.1	14
284	Viscoelasticity moduli of aqueous C14EO8 solutions as studied by drop and bubble profile methods. <i>Langmuir</i> , <b>2013</b> , 29, 6964-8	4	14
283	Adsorption layer properties and foam film drainage of aqueous solutions of tetraethyleneglycol monododecyl ether. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2011</b> , 392, 233-241	5.1	14
282	Anomalous Damping of Capillary Waves in Systems with Insoluble Monolayers of Alkyldimethylphosphine Oxides. <i>Langmuir</i> , <b>1997</b> , 13, 295-298	4	14
281	Hydrodynamic effects in measurements with the drop volume technique at small drop times. Surface tensions of viscous liquids. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>1998</b> , 142, 237-242	5.1	14

280	Comparison of two methods to estimate the standard free energy of adsorption. <i>Journal of Surfactants and Detergents</i> , <b>2002</b> , 5, 281-286	1.9	14
279	Ellipsometric study of nonionic polymer solutions. <i>Journal of Colloid and Interface Science</i> , <b>2005</b> , 282, 38-45	9.3	14
278	Surface Chemical Characterization of Maleic Acid Mono[2-(4-alkylpiperazinyl)-ethyl esters]. 1. The Complex Adsorption Behavior of an Ampholytic Surfactant. <i>Langmuir</i> , <b>1994</b> , 10, 3959-3965	4	14
277	Steric stabilization of polyvinyl alcohol adsorbed on silica/water and water/oil interfaces. <i>Advances in Colloid and Interface Science</i> , <b>1982</b> , 16, 381-390	14.3	14
276	Automated Drop Volume Method. <i>Tenside, Surfactants, Detergents</i> , <b>1990</b> , 27, 238-242	1	14
275	Dilational Viscoelasticity of Adsorption Layers Measured by Drop and Bubble Profile Analysis: Reason for Different Results. <i>Langmuir</i> , <b>2016</b> , 32, 5500-9	4	13
274	On Hexagonal Orientation of Fatty Alcohols in Monolayers at the Air/Water Interface: Quantum-Chemical Approach. <i>Journal of Physical Chemistry C</i> , <b>2014</b> , 118, 4122-4130	3.8	13
273	The quantum-chemical approach to calculations of thermodynamic and structural parameters of formation of fatty acid monolayers with hexagonal packing at the air/water interface. <i>Physical Chemistry Chemical Physics</i> , <b>2014</b> , 16, 3187-99	3.6	13
272	Dynamic properties of casein/surfactant adsorption layers. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2012</b> , 413, 84-91	5.1	13
271	Adsorption layer characteristics of multi-component surfactants solutions. <i>Soft Matter</i> , <b>2010</b> , 6, 4694	3.6	13
270	Interface and bulk exchange: Single drops experiments and CFD simulations. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2010</b> , 365, 145-153	5.1	13
269	Dynamic Adsorption Behavior of Polyethylene Glycol Octylphenyl Ethers at the Water/Oil Interface Studied by a Dynamic Drop Volume Technique. <i>Journal of Colloid and Interface Science</i> , <b>1997</b> , 186, 149-59	9.3	13
268	Adsorption kinetics of proteins at the solution/air interfaces with controlled bulk convection. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2006</b> , 282-283, 217-221	5.1	13
267	The synergistic adsorption of fatty acid and azacrown ether at the toluene/water interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2005</b> , 261, 49-55	5.1	13
266	Adsorption Kinetics of Nonanol at the Air/Water Interface: Considering Molecular Interaction or Aggregation within Surface Layer. <i>Langmuir</i> , <b>2002</b> , 18, 2686-2692	4	13
265	Characterisation of adsorbed polymer film structure by dynamic surface tension and dilational elasticity. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>1999</b> , 156, 307-313	5.1	13
264	Phospholipid monolayers and their dynamic interfacial behaviour studied by axisymmetric drop shape analysis. <i>Thin Solid Films</i> , <b>1996</b> , 284-285, 357-360	2.2	13
263	Adsorption kinetics of alkyl phosphine oxides in water/alkane systems with transfer across the interface. <i>Progress in Colloid and Polymer Science</i> , <b>1997</b> , 105, 346-350		13

262	Ionic Surfactants at Air/Water and Oil/Water Interfaces: A Comparison Based on Molecular Dynamics Simulations. <i>Journal of Physical Chemistry B</i> , <b>2021</b> , 125, 406-415	3.4	13
261	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> , <b>2019</b> , 545, 242-250	9.3	12
260	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> , <b>2020</b> , 591, 124557	5.1	12
259	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> , <b>2018</b> , 541, 137-144	5.1	12
258	Effect of pH and electrolyte concentration on rising air bubbles in $\beta$ -lactoglobulin solutions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2016</b> , 505, 165-170	5.1	12
257	Polydopamine layer formation at the liquid-liquid interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2019</b> , 579, 123637	5.1	12
256	Dynamic properties of CnTAB adsorption layers at the water/oil interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2014</b> , 441, 825-830	5.1	12
255	Adsorption and shear rheology of $\beta$ -lactoglobulin/SDS mixtures at water/hexane and water/MCT interfaces. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2012</b> , 413, 136-141	5.1	12
254	Adsorption layer characteristics of mixed SDS/C(n)EO(m) solutions. II. Dilational viscoelasticity. <i>Langmuir</i> , <b>2010</b> , 26, 1796-801	4	12
253	Capillary pressure studies under low gravity conditions. <i>Advances in Colloid and Interface Science</i> , <b>2010</b> , 161, 102-14	14.3	12
252	Adsorption behavior of oxyethylated anionic surfactants Part 1. Adsorption equilibrium. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>1997</b> , 122, 189-198	5.1	12
251	Spreading concentration effect on the morphology of phospholipid monolayers. <i>Thin Solid Films</i> , <b>1998</b> , 327-329, 84-86	2.2	12
250	Interfacial relaxation of phospholipid layers at a liquid-liquid interface. <i>Thin Solid Films</i> , <b>1998</b> , 327-329, 224-227	2.2	12
249	Simultaneous Calculation of Lifetime and Dendtime in Maximum Bubble Pressure Measurements. <i>Journal of Colloid and Interface Science</i> , <b>1998</b> , 198, 191-200	9.3	12
248	Interaction of human serum albumin with dipalmitoylphosphatidylcholine in spread monolayers at the air/water interface (short communication). <i>Molecular Nutrition and Food Research</i> , <b>1998</b> , 42, 232-3		12
247	Simplified method of the quantum chemical analysis for determination of thermodynamic parameters of 2D cluster formation of amphiphilic compounds at the air/water interface. <i>Journal of Colloid and Interface Science</i> , <b>2008</b> , 326, 339-46	9.3	12
246	How does urea really denature myoglobin?. <i>Chemical Physics Letters</i> , <b>2008</b> , 465, 126-130	2.5	12
245	Chemical potentials and equation of state of surface layers for a model assuming two-dimensional compressibility of adsorbed molecules. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2008</b> , 319, 8-12	5.1	12



244	Foam analyzer: An instrument based on the foam pressure drop technique. <i>Review of Scientific Instruments</i> , <b>2004</b> , 75, 4797-4803	1.7	12
243	Conditions of Coagulation and Flocculation in Dilute Mini-emulsions. <i>Journal of Colloid and Interface Science</i> , <b>2002</b> , 256, 435-450	9.3	12
242	4. Dynamics of adsorption from solutions. <i>Studies in Interface Science</i> , <b>2001</b> , 13, 287-399		12
241	Effect of the Nonstationary Viscous Flow in the Capillary on Oscillating Bubble and Oscillating Drop Measurements. <i>Journal of Colloid and Interface Science</i> , <b>2000</b> , 232, 25-32	9.3	12
240	Phase Transition Processes in Surfactant Adsorption Layers. <i>Journal of Colloid and Interface Science</i> , <b>2000</b> , 232, 254-259	9.3	12
239	Hydrodynamic processes in dynamic bubble pressure experiments. 4. Calculation of magnitude and time of liquid penetration into capillaries. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>1999</b> , 151, 525-536	5.1	12
238	Surface adsorption of sulfonated poly(phenylene sulfone)/C14TAB mixtures and its correlation with foam film stability. <i>Physical Chemistry Chemical Physics</i> , <b>2016</b> , 18, 18414-23	3.6	11
237	Lactoglobulin Adsorption Layers at the Water/Air Surface: 3. Neutron Reflectometry Study on the Effect of pH. <i>Journal of Physical Chemistry B</i> , <b>2019</b> , 123, 10877-10889	3.4	11
236	Dynamic surface elasticity of mixed poly(diallyldimethylammonium chloride)/sodium dodecyl sulfate/NaCl solutions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2014</b> , 460, 3-10	5.1	11
235	Adsorption of proteins at the solution/air interface influenced by added nonionic surfactants at very low concentrations for both components. 2. Effect of different surfactants and theoretical model. <i>Langmuir</i> , <b>2014</b> , 30, 12812-8	4	11
234	High frequency oscillatory flow in micro channels. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2014</b> , 460, 355-360	5.1	11
233	Quantum chemical analysis of the thermodynamics of 2D cluster formation of 2-hydroxycarboxylic acids at the air/water interface. <i>Soft Matter</i> , <b>2013</b> , 9, 7601	3.6	11
232	Ionic strength and pH as control parameters for spontaneous surface oscillations. <i>Langmuir</i> , <b>2012</b> , 28, 6893-901	4	11
231	Lipase-catalyzed reactions at interfaces of two-phase systems and microemulsions. <i>Applied Biochemistry and Biotechnology</i> , <b>2009</b> , 158, 706-21	3.2	11
230	Dynamic interfacial properties of drops relevant to W/O-emulsion-forming systems: A refined measurement apparatus. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2008</b> , 323, 3-11	5.1	11
229	Film tension and dilational film rheology of a single foam bubble. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2005</b> , 261, 115-121	5.1	11
228	Dilational interfacial rheology of tridecyl dimethyl phosphine oxide adsorption layers at the water/hexane interface. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 539, 30-37	9.3	11
227	Direct Determination of the Distribution Coefficient of Tridecyl Dimethyl Phosphine Oxide between Water and Hexane. <i>Colloids and Interfaces</i> , <b>2018</b> , 2, 28	3	11

226	Surface tension of water and C10EO8 solutions at the interface to hexane vapor saturated air. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2016</b> , 505, 118-123	5.1	10
225	Interfacial adsorption, viscoelasticity and recovery of silk fibroin layers at different oil/water interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2017</b> , 519, 179-186	5.1	10
224	Adsorption of proteins at the aqueous solution/alkane interface: Co-adsorption of protein and alkane. <i>Advances in Colloid and Interface Science</i> , <b>2015</b> , 222, 509-16	14.3	10
223	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> , <b>2015</b> , 119, 3768-75	3.4	10
222	Dilation rheology as medical diagnostics of human biological liquids. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2011</b> , 391, 190-194	5.1	10
221	Adsorption layer characteristics of mixed SDS/C(n)EO(m) solutions. 3. Dynamics of adsorption and surface dilational rheology of micellar solutions. <i>Langmuir</i> , <b>2010</b> , 26, 2424-9	4	10
220	Study of dynamic interfacial tension of alkyl sulphates with different alkyl chain lengths at the water/hexane interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2011</b> , 382, 181-185	5.1	10
219	Bubble formation in maximum bubble pressure measuring systems employing a gas reservoir of limited volume. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>1998</b> , 143, 381-393	5.1	10
218	Kinetics of adsorption of azacrown ether and fatty acid at the toluene/water interface in the presence of metal ions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2007</b> , 298, 63-71	5.1	10
217	Binary emulsion investigation by optical tomographic microscopy for FASES experiments. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2007</b> , 309, 280-285	5.1	10
216	Non-equilibrium exchange kinetics in sequential non-ionic surfactant adsorption: Theory and experiment. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2008</b> , 323, 12-18	5.1	10
215	Studies of adsorption and surface shear rheology of mixed $\beta$ -lactoglobulin/surfactant systems <b>1995</b> , 239-242		10
214	On the application of quantitative models of diffusion-controlled adsorption kinetics at fluid interfaces. <i>Colloid and Polymer Science</i> , <b>1988</b> , 266, 532-538	2.4	10
213	On the determination of dynamic surface tensions by means of a modified bubble pressure method. <i>Colloid and Polymer Science</i> , <b>1982</b> , 260, 1145-1147	2.4	10
212	Modellierung des dynamischen Oberflächenspannungsverhaltens wiger Tensidlungen im Zusammenhang mit ihrer Reinheit. <i>Tenside, Surfactants, Detergents</i> , <b>1980</b> , 17, 288-292	1	10
211	Formation and stability of colloidal gas aphron based drilling fluid considering dynamic surface properties. <i>Journal of Petroleum Science and Engineering</i> , <b>2019</b> , 174, 468-475	4.4	10
210	Adsorption of alkane vapor at water drop surfaces. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2017</b> , 532, 541-547	5.1	9
209	Dynamic Surface Properties of Fullerenol Solutions. <i>Langmuir</i> , <b>2019</b> , 35, 3773-3779	4	9

208	Dynamics of drops [Formation, growth, oscillation, detachment, and coalescence. <i>Advances in Colloid and Interface Science</i> , <b>2015</b> , 222, 413-24	14.3	9
207	Influence of pH on the surface and foaming properties of aqueous silk fibroin solutions. <i>Soft Matter</i> , <b>2020</b> , 16, 3695-3704	3.6	9
206	Synergetic effect of sodium polystyrene sulfonate and guanidine hydrochloride on the surface properties of lysozyme solutions. <i>RSC Advances</i> , <b>2015</b> , 5, 7413-7422	3.7	9
205	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> , <b>2015</b> , 475, 62-68	5.1	9
204	Thermodynamics of the clusterization process of trans-isomers of unsaturated fatty acids at the air/water interface. <i>Journal of Physical Chemistry B</i> , <b>2012</b> , 116, 2173-82	3.4	9
203	Temperature effect on the monolayer formation of substituted alkanes at the air/water interface: a quantum chemical approach. <i>Journal of Physical Chemistry B</i> , <b>2012</b> , 116, 8996-9006	3.4	9
202	Equilibrium adsorption layer characteristics of mixed sodium dodecyl sulphate/Triton solutions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2011</b> , 385, 139-143	5.1	9
201	Scanning probe microscopy of adsorption layers of sodium polystyrenesulfonate/dodecyltrimethylammonium bromide complexes. <i>Colloid Journal</i> , <b>2011</b> , 73, 437-444 <sup>1</sup>	1.1	9
200	Langmuir monolayers of a hydrogenated/fluorinated cationic surfactant: from the macroscopic to the nanoscopic size scale. <i>Langmuir</i> , <b>2009</b> , 25, 8075-82	4	9
199	X-ray reflectivity studies of liquid films stabilized by mixed $\beta$ -lactoglobulin/acacia gum systems. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2006</b> , 282-283, 109-117	5.1	9
198	Component separation in spread sodium stearyl lactylate (SSL) monolayers induced by high surface pressure. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2006</b> , 286, 57-61	5.1	9
197	A simple method to estimate the dynamic surface pressure of surfactant mixtures. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2004</b> , 242, 123-128	5.1	9
196	Transition State for Aggregation and Reorganization of Normal Fatty Alcohols at the Air/Water Interface. <i>Journal of Physical Chemistry B</i> , <b>2004</b> , 108, 8330-8337	3.4	9
195	Beschreibung der Ad- und Desorptionsvorgänge bei der Kompression von flüssigen Tensidadsorptionsschichten. <i>Colloid and Polymer Science</i> , <b>1983</b> , 261, 441-444	2.4	9
194	Adsorption layer formation in dispersions of protein aggregates. <i>Advances in Colloid and Interface Science</i> , <b>2020</b> , 276, 102086	14.3	9
193	Thermodynamics of two-dimensional cluster formation at the water/air interface. A quantum chemical approach <b>2002</b> , 72-75		9
192	Particular Behavior of Surface Tension at the Interface between Aqueous Solution of Surfactant and Alkane. <i>Langmuir</i> , <b>2019</b> , 35, 15214-15220	4	8
191	Dynamics of liquid interfaces under various types of external perturbations. <i>Current Opinion in Colloid and Interface Science</i> , <b>2014</b> , 19, 309-319	7.6	8

190	Preparation of Water-in-Jet Fuel Nano-emulsions Using a High-Energy Method. <i>International Journal of Green Nanotechnology: Physics and Chemistry</i> , <b>2010</b> , 2, P20-P29		8
189	Dynamic surface tension of mixed oxyethylated surfactant solutions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2010</b> , 365, 210-214	5.1	8
188	Remarks on the Interpretation of Data from the Dynamic Drop Volume Method. <i>Langmuir</i> , <b>1997</b> , 13, 5663-5668	4	8
187	Dynamic surface elasticity of aqueous solutions of polyethylene glycol. <i>Mendeleev Communications</i> , <b>1998</b> , 8, 190-191	1.9	8
186	Lifetime Calculations Relative to Maximum Bubble Pressure Measurements. <i>Journal of Colloid and Interface Science</i> , <b>1998</b> , 197, 383-90	9.3	8
185	Surface Behavior of Spread Sodium Eicosanyl Sulfate Monolayers. <i>Journal of Colloid and Interface Science</i> , <b>1998</b> , 206, 33-43	9.3	8
184	Surface shear rheological studies of marine phytoplankton cultures-Nitzschia closterium, Thalassiosira rotula, Thalassiosira punctigera and Phaeocystis sp. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2006</b> , 47, 29-35	6	8
183	2. Thermodynamics of adsorption of surfactants at the fluid interfaces. <i>Studies in Interface Science</i> , <b>2001</b> , 99-188		8
182	Effect of the secondary structure of poly-L-lysine on the adsorption at the water/dodecane interface. <i>Colloid and Polymer Science</i> , <b>1995</b> , 273, 387-391	2.4	8
181	Dynamic interfacial properties of marine microlayers. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>1995</b> , 101, 129-135	5.1	8
180	Surface tension and dilational rheology of mixed $\beta$ -casein $\beta$ -lactoglobulin aqueous solutions at the water/air interface. <i>Food Hydrocolloids</i> , <b>2020</b> , 106, 105883	10.6	8
179	Dilational Viscoelasticity of Proteins Solutions in Dynamic Conditions. <i>Langmuir</i> , <b>2018</b> , 34, 6678-6686	4	8
178	Effect of selected monovalent salts on surfactant stabilized foams. <i>Advances in Colloid and Interface Science</i> , <b>2021</b> , 295, 102490	14.3	8
177	Dynamics and thermodynamics of spread and adsorbed food protein layers at the water/air interface. <i>Molecular Nutrition and Food Research</i> , <b>1998</b> , 42, 229-231		8
176	Morphology and thermodynamics of dipalmitoylphosphatidylcholine monolayers penetrated by $\beta$ -casein and $\beta$ -lactoglobulin at the air/water interface. <i>Molecular Nutrition and Food Research</i> , <b>1998</b> , 42, 234-235		8
175	Dynamic surface tension of $\beta$ -casein at the aqueous solution/hexane vapor interface as measured by bubble pressure tensiometry. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2015</b> , 483, 137-141	5.1	7
174	Adsorption of equimolar aqueous sodium dodecyl sulphate/dodecyl trimethylammonium bromide mixtures at solution/air and solution/oil interfaces. <i>Colloid and Polymer Science</i> , <b>2015</b> , 293, 3099-3106	2.4	7
173	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> , <b>2020</b> , 591, 124553	5.1	7

172	Transition from spherical to irregular dispersed phase in water/oil emulsions. <i>Langmuir</i> , <b>2014</b> , 30, 4599-604	7
171	Adsorption of surfactants and proteins at the interface between their aqueous solution drop and air saturated by hexane vapour. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2017</b> , 521, 211-220	5.1 7
170	Influence of polyelectrolyte on dynamic surface properties of BSA solutions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2014</b> , 442, 63-68	5.1 7
169	Influence of solubilised dodecane on the dynamic surface tension and dilational rheology of micellar Triton X-45 and SDS solutions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2012</b> , 413, 125-129	5.1 7
168	A quantum chemical model for assessment of the temperature dependence in monolayer formation of amphiphiles at the air/water interface. <i>Physical Chemistry Chemical Physics</i> , <b>2013</b> , 15, 11623-11638	3.6 7
167	Surface Behavior of Spread Sodium Eicosanyl Sulfate Monolayers.. <i>Journal of Colloid and Interface Science</i> , <b>1998</b> , 203, 83-89	9.3 7
166	Adsorption behaviour of oxyethylated anionic surfactants 2. Adsorption kinetics. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>1998</b> , 133, 313-326	5.1 7
165	Influence of polymeric non-ionic surfactants on the surface tension of styrene and on the styrene polymerization process. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2004</b> , 239, 145-149	5.1 7
164	Interaction between sodium poly(styrene sulfonate) and dodecyltrimethylammonium bromide at the air/water interface. <i>Mendeleev Communications</i> , <b>2005</b> , 15, 63-65	1.9 7
163	Effect of dodecyl dimethyl phosphine oxide penetration into phospholipid monolayers: morphology and dynamics. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2000</b> , 166, 235-242	5.1 7
162	Surface shear rheological studies of protein adsorption layers <b>1994</b> , 183-187	7
161	Dynamic studies of soluble adsorption layers <b>1994</b> , 188-193	7
160	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> , <b>2020</b> , 4, 9	3 7
159	Dynamics of Competitive Adsorption of Lipase and Ionic Surfactants at the Water-Air Interface. <i>Langmuir</i> , <b>2020</b> , 36, 12010-12022	4 7
158	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> , <b>2021</b> , 611, 125851	5.1 7
157	Interfacial tensiometry and dilational surface visco-elasticity of biological liquids in medicine. <i>Advances in Colloid and Interface Science</i> , <b>2018</b> , 255, 34-46	14.3 7
156	Methods and models to investigate the physicochemical functionality of pulmonary surfactant. <i>Current Opinion in Colloid and Interface Science</i> , <b>2021</b> , 55, 101467	7.6 7
155	Adsorption of CEO at the interface between its aqueous solution drop and air saturated by different alkanes vapor. <i>Physical Chemistry Chemical Physics</i> , <b>2017</b> , 19, 2193-2200	3.6 6

154	Quantization of the Molecular Tilt Angle of Amphiphile Monolayers at the Air/Water Interface. <i>Journal of Physical Chemistry C</i> , <b>2015</b> , 119, 5523-5533	3.8	6
153	Bubble-Bubble interaction in aqueous $\beta$ -Lactoglobulin solutions. <i>Food Hydrocolloids</i> , <b>2014</b> , 34, 15-21	10.6	6
152	Chain length effects on complex formation in solutions of sodium alkanoates and tetradecyl trimethyl ammonium bromide. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2012</b> , 413, 115-118	5.1	6
151	Advantages of interfacial tensiometry for studying the interactions of biologically active compounds. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2007</b> , 298, 88-93	5.1	6
150	Surfactant accumulation within the top foam layer due to rupture of external foam films. <i>Advances in Colloid and Interface Science</i> , <b>2008</b> , 137, 45-56	14.3	6
149	The drop volume technique. <i>Studies in Interface Science</i> , <b>1998</b> , 6, 139-186		6
148	Surface dilational behaviour of spread dipalmitoyl phosphatidyl glycerol monolayers. <i>PhysChemComm</i> , <b>1999</b> , 2, 50-61		6
147	Characterization of the Adsorption Behaviour of Sodium-n-Alkylsulphates at the Interface Air/Aqueous Solution by Different Adsorption Isotherms. <i>Tenside, Surfactants, Detergents</i> , <b>1992</b> , 29, 265-270		6
146	Selection and study of alkoxy silanes as loading in submicrocapsules for self-lubricating coatings. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2019</b> , 563, 359-369	5.1	6
145	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> , <b>2015</b> , 17, 28901-20	3.6	5
144	Balancing soft elasticity and low surface polarity in films of charged BSA capsules at air/fluid interface. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2016</b> , 146, 161-70	6	5
143	Effect of electrolyte on adsorption of polyallyl amine hydrochloride/sodium dodecyl sulphate at water/tetradecane interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2014</b> , 460, 11-17	5.1	5
142	Mass transport characteristics of alkyl amines in a water/n-decane system. <i>Journal of Colloid and Interface Science</i> , <b>2012</b> , 372, 164-9	9.3	5
141	Spherical cap-shaped emulsion films: thickness evaluation at the nanoscale level by the optical evanescent wave effect. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2012</b> , 413, 101-107	5.1	5
140	Superposition-additive approach: thermodynamic parameters of clusterization of monosubstituted alkanes at the air/water interface. <i>Physical Chemistry Chemical Physics</i> , <b>2011</b> , 13, 20927-32	3.6	5
139	Optical observation of high-frequency drop oscillations by a spectrum compression technique applied to the capillary pressure tensiometry. <i>Langmuir</i> , <b>2009</b> , 25, 12780-6	4	5
138	Relaxation studies of surfactant adsorption layers at the liquid/air interface by a funnel method. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>1998</b> , 143, 517-528	5.1	5
137	Results of microgravity investigation on adsorption and interfacial rheology of soluble surfactants from the experiment FAST onboard STS-107. <i>Microgravity Science and Technology</i> , <b>2006</b> , 18, 112-116	1.6	5

136	Aggregation and re-organization of normal fatty alcohols at the air/water interface: PM3 molecular orbital approximation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2004</b> , 239, 135-140	5.1	5
135	Surface Dynamic Elasticity of Amphiphilic Block Copolymer Monolayers on a Water Surface. <i>Colloid Journal</i> , <b>2002</b> , 64, 653-660	1.1	5
134	Results of the Facility for Adsorption and Surface Tension (FAST) experiments onboard STS-107, in the framework of the project FASES. <i>Microgravity Science and Technology</i> , <b>2005</b> , 16, 196-200	1.6	5
133	Salt effects on the dilational viscoelasticity of surfactant adsorption layers. <i>Current Opinion in Colloid and Interface Science</i> , <b>2021</b> , 101538	7.6	5
132	Influence of polyelectrolytes on dynamic surface properties of fibrinogen solutions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2017</b> , 532, 108-115	5.1	5
131	Dynamics of interfacial layers for sodium dodecylbenzene sulfonate solutions at different salinities. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2020</b> , 92, 174-183	6.3	5
130	β-Lactoglobulin Adsorption Layers at the Water/Air Surface: 4. Impact on the Stability of Foam Films and Foams. <i>Minerals (Basel, Switzerland)</i> , <b>2020</b> , 10, 636	2.4	5
129	Effect of ionic strength on the interfacial viscoelasticity and stability of silk fibroin at the oil/water interface. <i>Journal of the Science of Food and Agriculture</i> , <b>2016</b> , 96, 4918-4928	4.3	5
128	Surface tension and dilation rheology of DNA solutions in mixtures with azobenzene-containing cationic surfactant. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2016</b> , 505, 186-192	5.1	5
127	Influence of salt addition on the surface and foaming properties of silk fibroin. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2021</b> , 609, 125621	5.1	5
126	Synthesis of Submicrocontainers with Green Biocide and Study of Their Antimicrobial Activity. <i>Colloids and Interfaces</i> , <b>2018</b> , 2, 67	3	5
125	Effect of solution pH on the adsorption of BLG at the solution/tetradecane interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2017</b> , 519, 161-167	5.1	4
124	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> , <b>2017</b> , 532, 228-243	5.1	4
123	Flow physics exploration of surface tension driven flows. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2017</b> , 518, 30-45	5.1	4
122	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> , <b>2015</b> , 119, 18404-18413	3.8	4
121	The dynamic properties of PDA-laccase films at the air-water interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2020</b> , 599, 124930	5.1	4
120	A novel technique to semi-quantitatively study the stability of emulsions and the kinetics of the coalescence under different dynamic conditions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2014</b> , 460, 327-332	5.1	4
119	Characterisation of alkyl amines at the water/air surface with the drop and bubble profile analysis tensiometry. <i>Journal of Colloid and Interface Science</i> , <b>2012</b> , 372, 202-6	9.3	4

118	Dilational visco-elasticity of BLG adsorption layers at the solution/tetradecane interface [Effect of pH and ionic strength. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2017</b> , 521, 204-210]	5.1	4
117	Effect of oppositely charged hydrophobic additives (alkanoates) on the stability of C14TAB foam films. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2014</b> , 460, 158-167	5.1	4
116	Sequential and simultaneous adsorption of mucin4-[(dodecylimino)methyl]-N,N,N-trimethyl anilinium iodide mixed system using drop profile analysis tensiometry. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2011</b> , 391, 145-149	5.1	4
115	Foams and emulsions in space. <i>Europhysics News</i> , <b>2008</b> , 39, 26-28	0.2	4
114	Analysis of amplitude- and phase-frequency characteristics of oscillating bubble system with closed measuring cell. <i>Microgravity Science and Technology</i> , <b>2005</b> , 16, 186-190	1.6	4
113	STS-107 OV-102 mission FAST experiment: Slow surface relaxation at the solution-air interface. <i>Microgravity Science and Technology</i> , <b>2005</b> , 16, 205-209	1.6	4
112	Relationship between monolayer structure and dynamic surface properties of alkyl dimethyl phosphine oxides. BAM studies. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>1999</b> , 149, 81-88	5.1	4
111	Automated surface shear rheometer <b>1993</b> , 283-283		4
110	Surface Chemical Characterization of Maleic Acid Mono[2-(4-alkylpiperazinyl)ethyl esters]. 2. pH-Dependent Adsorption Behavior of an Ampholytic Surfactant. <i>Langmuir</i> , <b>1994</b> , 10, 3966-3971	4	4
109	Maximum Bubble Pressure Tensiometry: Theory, Analysis Of Experimental Constrains And Applications75-118		4
108	Revision of the Adsorption Behavior of the Non-ionic Surfactant Tetraoxyethylene Decylether C10 E4 at the Water/Air Interface. <i>Tenside, Surfactants, Detergents</i> , <b>2005</b> , 42, 307-312	1	4
107	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> , <b>2020</b> , 4, 27	3	4
106	A Multistate Adsorption Model for the Adsorption of C14EO4 and C14EO8 at the Solution/Air Interface. <i>Colloids and Interfaces</i> , <b>2021</b> , 5, 39	3	4
105	Characterisation of egg white adsorption layers under equilibrium and dynamic conditions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2019</b> , 568, 29-35	5.1	4
104	Effect of Amplitude on the Surface Dilational Visco-Elasticity of Protein Solutions. <i>Colloids and Interfaces</i> , <b>2018</b> , 2, 57	3	4
103	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> , <b>2018</b> , 2, 53	3	4
102	Surface Activity of Natural Surfactants Extracted from <i>Sapindus mukorossi</i> and <i>Sapindus trifoliatus</i> Soapnuts. <i>Colloids and Interfaces</i> , <b>2021</b> , 5, 7	3	4
101	Dynamic Surface Properties of Mixed Dispersions of Silica Nanoparticles and Lysozyme. <i>Journal of Physical Chemistry B</i> , <b>2019</b> , 123, 4803-4812	3.4	3



100	Flexible thermoresponsive nanomembranes at the aqueous-air interface. <i>Chemical Communications</i> , <b>2015</b> , 51, 877-80	5.8	3
99	Interfacial Properties of Tridecyl Dimethyl Phosphine Oxide Adsorbed at the Surface of a Solution Drop in Hexane Saturated Air. <i>Colloids and Interfaces</i> , <b>2020</b> , 4, 19	3	3
98	Influence of new superhydrophobic micro-structures on delaying ice formation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2020</b> , 595, 124675	5.1	3
97	Dilational surface visco-elasticity of CnEOm solutions under dynamic conditions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2018</b> , 557, 131-136	5.1	3
96	The Influence of Enzymatic Hydrolysis on Adsorption and Interfacial Dilatational Properties of Pumpkin (Cucurbita pepo) Seed Protein Isolate. <i>Food Biophysics</i> , <b>2018</b> , 13, 217-225	3.2	3
95	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> , <b>2018</b> , 547, 95-101	5.1	3
94	Mixed Protein/Hexane Adsorption Layers Formed at the Surface of Protein Solution Drops Surrounded by Hexane Vapor. <i>Advanced Materials Interfaces</i> , <b>2017</b> , 4, 1600031	4.6	3
93	Mixed adsorption mechanism for the kinetics of BLG interfacial layer formation at the solution/tetradecane interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2017</b> , 519, 146-152	5.1	3
92	A simple method for estimation of the 2D cluster formation temperature of substituted alkanes at the air/water interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2012</b> , 413, 288-291	5.1	3
91	Messung der dynamischen Grenzflächen-spannung im System werge Tensidlung/organisches Lungsmittel. <i>Chemie-Ingenieur-Technik</i> , <b>1998</b> , 70, 89-99	0.8	3
90	Influence of dielectric relaxation times of fluid mixtures on solid/liquid interfacial tension. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2007</b> , 302, 616-622	5.1	3
89	Viscoelasticity of poly(vinylpyridinium chloride)/sodium dodecylsulfate adsorption films at the air/water interface. <i>Mendeleev Communications</i> , <b>2008</b> , 18, 342-344	1.9	3
88	Dynamic capillary pressure measurements in the short time range by applying a fast growing drop technique. <i>Microgravity Science and Technology</i> , <b>2006</b> , 18, 95-99	1.6	3
87	Compression and expansion of surfactant adsorption layers at the liquid/air interface studied by a glass funnel method. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2001</b> , 178, 49-56	5.1	3
86	Food Colloids 2000 - Fundamentals of Formulation. 3-5 April 2000, Potsdam, Germany. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2001</b> , 21, 1	6	3
85	Interpretation of Gibbs Equation for the Case of Phase Transition in Adsorption Layers. <i>Journal of Physical Chemistry B</i> , <b>2002</b> , 106, 4562-4564	3.4	3
84	Module packaging for high-speed serial and parallel transmission		3
83	SURFACTANT ADSORPTION LAYERS AT LIQUID-FLUID INTERFACES <b>2001</b> , 383-421		3

82	Methods To Determine The Rheology Parameters From Interfacial Response Functions77-102		3
81	Thermodynamics, Kinetics and Dilational Visco-Elasticity of Adsorbed CnEOm Layers at the Aqueous Solution/Air Interface. <i>Colloids and Interfaces</i> , <b>2021</b> , 5, 16	3	3
80	Experimental study on interfacial characteristics during bubble dissolution. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2016</b> , 505, 179-185	5.1	3
79	Droplet dynamics in rotating flows. <i>Advances in Colloid and Interface Science</i> , <b>2016</b> , 236, 63-82	14.3	3
78	Adsorption characteristics of the alkyl phospholipid Inositol-C2-PAF at the solution/air interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2017</b> , 532, 578-582	5.1	2
77	Thixotropic bulk elasticity versus interfacial elasticity in Xanthan Gum surfactant mixed solutions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2018</b> , 557, 123-130	5.1	2
76	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> , <b>2018</b> , 546, 346-359	5.1	2
75	Quantum-chemical analysis of hexagonal crystalline monolayers of ethoxylated nonionic surfactants at the air/water interface. <i>Physical Chemistry Chemical Physics</i> , <b>2014</b> , 16, 25129-42	3.6	2
74	Jones-Ray effect on the organization of lysozyme in the presence of NaNO3 at an air/water interface: is it a cause or consequence?. <i>RSC Advances</i> , <b>2015</b> , 5, 100638-100645	3.7	2
73	Effect of fluorescence labelling on the properties of protein adsorption layers at the air/water interface. <i>Food Hydrocolloids</i> , <b>2009</b> , 23, 221-224	10.6	2
72	Dynamic properties of the adsorption films of the copolymer of N-isopropylacrylamide and sodium 2-acrylamide-2-methyl-1-propane sulfonate. <i>Colloid Journal</i> , <b>2007</b> , 69, 530-536	1.1	2
71	New tensiographic studies on protein cleaning of polymer surfaces. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2008</b> , 323, 109-115	5.1	2
70	Adsorption kinetics of non-ionic polymers: an ellipsometric study. <i>Mendeleev Communications</i> , <b>2005</b> , 15, 198-200	1.9	2
69	Rheological studies with spherically shaped thin liquid films. <i>Microgravity Science and Technology</i> , <b>2005</b> , 16, 215-218	1.6	2
68	Adsorption of n-alkyl polyoxyethylene glycol ethers at liquid-vapour and liquid-liquid interfaces <b>2000</b> , 222-226		2
67	On the error propagation of experimental surface tension values to parameters of adsorption isotherms. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>1995</b> , 100, 207-215	5.1	2
66	Pickering foams and parameters influencing their characteristics.. <i>Advances in Colloid and Interface Science</i> , <b>2022</b> , 301, 102606	14.3	2
65	Advances In Calculation Methods For The Determination Of Surface Tensions In Drop Profile Analysis Tensiometry39-60		2

64	Enzymatic Hydrolysis of Triglycerides at the Water-Oil Interface Studied via Interfacial Rheology Analysis of Lipase Adsorption Layers. <i>Langmuir</i> , <b>2021</b> , 37, 12919-12928	4	2
63	Adsorption of Equimolar Mixtures of Cationic and Anionic Surfactants at the Water/Hexane Interface. <i>Colloids and Interfaces</i> , <b>2021</b> , 5, 1	3	2
62	β-Lactoglobulin Adsorption Layers at the Water/Air Surface: 5. Adsorption Isotherm and Equation of State Revisited, Impact of pH. <i>Colloids and Interfaces</i> , <b>2021</b> , 5, 14	3	2
61	Impact of denaturing agents on surface properties of myoglobin solutions. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2021</b> , 202, 111657	6	2
60	Influence of Surface-Modified Nanoparticles on the Hydrodynamics of Rising Bubbles. <i>Chemical Engineering and Technology</i> , <b>2021</b> , 44, 513-520	2	2
59	Analysis of NMR Spectra of Submicro-Containers with Biocide DCOIT. <i>Colloids and Interfaces</i> , <b>2020</b> , 4, 56	3	1
58	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> , <b>2016</b> , 18, 7932-7	3.6	1
57	Evidence of negative surface pressure induced by β-lactoglobulin and β-casein at water/air interface. <i>Food Hydrocolloids</i> , <b>2014</b> , 34, 10-14	10.6	1
56	Thermodynamics and Kinetics of Mixed Protein/Surfactant Adsorption Layers at Liquid Interfaces <b>2013</b> , 389-427		1
55	Superposition-Additive Approach: Clusterization Thermodynamic Parameters of Bifunctional Nonionic Amphiphiles at the Air/Water Interface. <i>Journal of Physical Chemistry C</i> , <b>2013</b> , 117, 16065-16075	3.8	1
54	Multilayer Adsorption of Heptane Vapor at Water Drop Surfaces. <i>Colloids and Interfaces</i> , <b>2017</b> , 1, 8	3	1
53	Dynamics of Interfacial Layer Formation <b>2015</b> , 83-104		1
52	Superposition-additive approach in the description of thermodynamic parameters of formation and clusterization of substituted alkanes at the air/water interface. <i>Journal of Colloid and Interface Science</i> , <b>2012</b> , 387, 162-74	9.3	1
51	Superposition-additive approach: Thermodynamic parameters of monosubstituted alkanes. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2012</b> , 413, 303-306	5.1	1
50	Effect of a cationic surfactant on protein unfolding at the air/water interface. <i>Mendeleev Communications</i> , <b>2011</b> , 21, 341-343	1.9	1
49	In honour of the 65th birthday of Valentin B. Fainerman. <i>Advances in Colloid and Interface Science</i> , <b>2011</b> , 163, 85-9	14.3	1
48	Surface Behavior of Spread Sodium Eicosanyl Sulfate Monolayers.. <i>Journal of Colloid and Interface Science</i> , <b>1998</b> , 203, 90-96	9.3	1
47	Facility for adsorption and surface tension studies (FAST) on board of shuttle STS-107 mission: Determination of the surface dilational modulus as a function of concentration and temperature for aqueous solutions of dodecyl-dimethyl-phosphine-oxide, in the 0.01-100 Hz frequency range. <i>Microgravity Science and Technology</i> , <b>2006</b> , 18, 100-103	1.6	1

46	Static and dynamic surface tension of marine water: onshore or platform-based measurements by the oscillating bubble tensiometer <b>2006</b> , 93-103		1
45	Interfacial rheology of adsorbed layers. <i>Interface Science and Technology</i> , <b>2004</b> , 4, 61-90	2.3	1
44	Dynamic surface elasticity of sodium poly(styrenesulfonate) solutions. <i>Mendeleev Communications</i> , <b>2003</b> , 13, 256-258	1.9	1
43	Impact of Amphiphilic Nanostructures on Formation and Rheology of Interfacial Layers and on Foam Film Drainage. <i>Ukrainian Journal of Physics</i> , <b>2022</b> , 56, 801	0.4	1
42	Interaction of fullerene C60 with bovine serum albumin at the water-air interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2021</b> , 631, 127702	5.1	1
41	Characterisation of Adsorption Layers at Liquid Interfaces Studies with drop and bubble methods <b>2004</b> , 57-116		1
40	An apparatus for investigating dynamic surface properties of adsorption layers and spread monolayers. <i>Progress in Colloid and Polymer Science</i> , <b>1997</b> , 105, 126-129		1
39	Foams <b>2016</b> , 1-31		1
38	Interfacial Dilational Viscoelasticity of Adsorption Layers at the Hydrocarbon/Water Interface: The Fractional Maxwell Model. <i>Colloids and Interfaces</i> , <b>2019</b> , 3, 66	3	1
37	Cooperative Effects in Surfactant Adsorption Layers at Water/Alkane Interfaces. <i>Colloids and Interfaces</i> , <b>2019</b> , 3, 67	3	1
36	Characterization of reactive interfaces via coupled interfacial tension measurements and interphase mass transfer analysis. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2021</b> , 609, 125711	5.1	1
35	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> , <b>2021</b> , 630, 127594	5.1	1
34	Influence of surfactant charge and concentration on the surface and foaming properties of biocompatible silk fibroin. <i>Materials Chemistry and Physics</i> , <b>2022</b> , 281, 125920	4.4	1
33	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> , <b>2022</b> , 301, 102601	14.3	0
32	Bacteria Cell Hydrophobicity and Interfacial Properties Relationships: A New MEOR Approach. <i>Colloids and Interfaces</i> , <b>2021</b> , 5, 49	3	0
31	Can small air bubbles probe very low frother concentration faster?. <i>Soft Matter</i> , <b>2021</b> , 17, 9916-9925	3.6	0
30	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> , <b>2020</b> , 4, 29	3	0
29	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> , <b>2018</b> , 83, 847-861	0.9	0

28	Dynamics of adsorption of CTAB-Silica nanoparticle complexes: New experiments and modeling approach. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2021</b> , 629, 127448	5.1	○
27	Impact of Polymer Nanoparticles on DPPC Monolayer Properties. <i>Colloids and Interfaces</i> , <b>2022</b> , 6, 28	3	○
26	Interfacial protein-protein displacement at fluid interfaces.. <i>Advances in Colloid and Interface Science</i> , <b>2022</b> , 305, 102691	14.3	○
25	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> , <b>2022</b> , 359, 119229 <sup>6</sup>		○
24	Honorary note: Clayton J. Radke. <i>Advances in Colloid and Interface Science</i> , <b>2016</b> , 233, 1-3	14.3	
23	Effect of the Intrinsic Compressibility on the Dilational Rheology of Adsorption Layers of Surfactants, Proteins and Their Mixtures <b>2014</b> , 307-333		
22	Experimental and Computational Analysis of Fluid Interfaces Influenced by Soluble Surfactant. <i>Advances in Mathematical Fluid Mechanics</i> , <b>2017</b> , 395-444	0.3	
21	Experimental Approaches and Related Theories <b>2015</b> , 59-82		
20	Macroscale Computational Techniques in Interfacial Science <b>2015</b> , 183-195		
19	Solutal Marangoni Convection: Challenges in Fluid Dynamics with Mass Transfer <b>2015</b> , 467-480		
18	Thermodynamics of Adsorption at Liquid Interfaces <b>2015</b> , 3-40		
17	Simultaneous versus Sequential Adsorption of $\beta$ Casein/SDS Mixtures. Comparison of Water/Air and Water/Hexane Interfaces. <i>ACS Symposium Series</i> , <b>2012</b> , 153-178	0.4	
16	Adsorption Characteristics of Ionic Surfactants at Water/Hexane Interface Obtained by PAT and ODBA <b>2013</b> , 99-108		
15	Effect of the Intrinsic Compressibility on the Dilational Rheology of Adsorption Layers of Surfactants, Proteins and Their Mixtures <b>2011</b> , 307-333		
14	Food colloids 2010 - on the road from interfaces to consumers. <i>Advances in Colloid and Interface Science</i> , <b>2011</b> , 165, 1	14.3	
13	An apparatus for investigating dynamic surface properties of adsorption layers and spread monolayers <b>1997</b> , 126-129		
12	Adsorption kinetics of alkyl phosphine oxides in water/alkane systems with transfer across the interface <b>1997</b> , 346-350		
11	Impact of Micellar Kinetics on Dynamic Interfacial Properties of Surfactant Solutions 247-259		

- 10 User Seminar of 2D and 3D Rheology of Fluids and Liquid Interfaces. *Applied Rheology*, **2008**, 18, 318-320.2
- 9 User Seminar of 2-D and 3-D Rheology of Fluid Systems. *Applied Rheology*, **2007**, 17, 164-165 1.2
- 8 Oscillatory Transient Flow Experiments and Analysis in Circular Microchannels **2006**, 3
- 7 Thermodynamics and kinetics of protein/surfactant mixtures adsorbed at liquid interfaces **2005**, 3-47
- 6 Untersuchungen zur Relaxation von Tensiden an flüssigen Grenzflächen. *Chemie-Ingenieur-Technik*, **1999**, 71, 104-108 0.8
- 5 Dynamic of soluble adsorption layer studied by a maximum bubble pressure method in the  $\mu$ s and ms range of time **1996**, 316-320
- 4 Adsorption kinetics and exchange of matter at liquid interfaces and microgravity **1996**, 41-50
- 3 97. Dynamische Grenzflächenspannung tensidhaltiger Flüssig/Fluid-Systeme. *Chemie-Ingenieur-Technik*, **1996**, 68, 1127-1128 0.8
- 2 Thermodynamic Models for the Adsorption of Alkyl Trimethyl Ammonium Bromides at the Water/Hexane Interface **2015**, 309-321
- 1 Liquid Interfaces: Spontaneous Non-Linear Oscillations by Surfactant Transfer 3868-3882