

Reinhard Miller

List of Publications by Year in Descending Order

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

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	Pickering foams and parameters influencing their characteristics.. <i>Advances in Colloid and Interface Science</i> , 2022 , 301, 102606	14.3	2
656	Experimental techniques to study protein-surfactant interactions: New insights into competitive adsorptions via drop subphase and interface exchange.. <i>Advances in Colloid and Interface Science</i> , 2022 , 301, 102601	14.3	0
655	Impact of Amphiphilic Nanostructures on Formation and Rheology of Interfacial Layers and on Foam Film Drainage. <i>Ukrainian Journal of Physics</i> , 2022 , 56, 801	0.4	1
654	Influence of surfactant charge and concentration on the surface and foaming properties of biocompatible silk fibroin. <i>Materials Chemistry and Physics</i> , 2022 , 281, 125920	4.4	1
653	Impact of Polymer Nanoparticles on DPPC Monolayer Properties. <i>Colloids and Interfaces</i> , 2022 , 6, 28	3	0
652	Interfacial protein-protein displacement at fluid interfaces.. <i>Advances in Colloid and Interface Science</i> , 2022 , 305, 102691	14.3	0
651	An empirical model to represent the CMC behavior of aqueous solutions of homologous series of nonionic surfactants, related to its chemical constitution. <i>Journal of Molecular Liquids</i> , 2022 , 359, 119229 ⁶		0
650	Bacteria Cell Hydrophobicity and Interfacial Properties Relationships: A New MEOR Approach. <i>Colloids and Interfaces</i> , 2021 , 5, 49	3	0
649	Salt effects on the dilational viscoelasticity of surfactant adsorption layers. <i>Current Opinion in Colloid and Interface Science</i> , 2021 , 101538	7.6	5
648	Can small air bubbles probe very low frother concentration faster?. <i>Soft Matter</i> , 2021 , 17, 9916-9925	3.6	0
647	Enzymatic Hydrolysis of Triglycerides at the Water-Oil Interface Studied via Interfacial Rheology Analysis of Lipase Adsorption Layers. <i>Langmuir</i> , 2021 , 37, 12919-12928	4	2
646	Interaction of fullerene C60 with bovine serum albumin at the water/air interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021 , 631, 127702	5.1	1
645	Adsorption of Equimolar Mixtures of Cationic and Anionic Surfactants at the Water/Hexane Interface. <i>Colloids and Interfaces</i> , 2021 , 5, 1	3	2
644	Thermodynamics, Kinetics and Dilational Visco-Elasticity of Adsorbed CnEOm Layers at the Aqueous Solution/Air Interface. <i>Colloids and Interfaces</i> , 2021 , 5, 16	3	3
643	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> , 2021 , 5, 14	3	2
642	Impact of denaturing agents on surface properties of myoglobin solutions. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021 , 202, 111657	6	2
641	A Multistate Adsorption Model for the Adsorption of C14EO4 and C14EO8 at the Solution/Air Interface. <i>Colloids and Interfaces</i> , 2021 , 5, 39	3	4

640	Dynamic properties of adsorption layers of pulmonary surfactants. Influence of matter exchange with bulk phase. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021 , 611, 125851	5.1	7
639	Influence of salt addition on the surface and foaming properties of silk fibroin. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021 , 609, 125621	5.1	5
638	Characterization of reactive interfaces via coupled interfacial tension measurements and interphase mass transfer analysis. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021 , 609, 125711	5.1	1
637	Ionic Surfactants at Air/Water and Oil/Water Interfaces: A Comparison Based on Molecular Dynamics Simulations. <i>Journal of Physical Chemistry B</i> , 2021 , 125, 406-415	3.4	13
636	Effect of selected monovalent salts on surfactant stabilized foams. <i>Advances in Colloid and Interface Science</i> , 2021 , 295, 102490	14.3	8
635	Methods and models to investigate the physicochemical functionality of pulmonary surfactant. <i>Current Opinion in Colloid and Interface Science</i> , 2021 , 55, 101467	7.6	7
634	Dynamics of adsorption of CTAB-Silica nanoparticle complexes: New experiments and modeling approach. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021 , 629, 127448	5.1	0
633	A natural source of saponin: Comprehensive study on interfacial properties of Chubak (<i>Acanthophyllum Glandulosum</i>) root extract and related saponins. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021 , 630, 127594	5.1	1
632	Surface Activity of Natural Surfactants Extracted from <i>Sapindus mukorossi</i> and <i>Sapindus trifoliatus</i> Soapnuts. <i>Colloids and Interfaces</i> , 2021 , 5, 7	3	4
631	Influence of Surface-Modified Nanoparticles on the Hydrodynamics of Rising Bubbles. <i>Chemical Engineering and Technology</i> , 2021 , 44, 513-520	2	2
630	Analysis of NMR Spectra of Submicro-Containers with Biocide DCOIT. <i>Colloids and Interfaces</i> , 2020 , 4, 56	3	1
629	Foaming properties and the dynamics of adsorption and surface rheology of silk fibroin at the air/water interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020 , 591, 124553	5.1	7
628	Influence of pH on the surface and foaming properties of aqueous silk fibroin solutions. <i>Soft Matter</i> , 2020 , 16, 3695-3704	3.6	9
627	The dynamic properties of PDA-laccase films at the air-water interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020 , 599, 124930	5.1	4
626	Surface tension at the interface between aqueous solution of surfactant and alkane. A comprehensive quantum chemical and thermodynamic approach. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020 , 591, 124557	5.1	12
625	Interfacial Properties of Tridecyl Dimethyl Phosphine Oxide Adsorbed at the Surface of a Solution Drop in Hexane Saturated Air. <i>Colloids and Interfaces</i> , 2020 , 4, 19	3	3
624	New view of the adsorption of surfactants at water/alkane interfaces - Competitive and cooperative effects of surfactant and alkane molecules. <i>Advances in Colloid and Interface Science</i> , 2020 , 279, 102143	14.3	23
623	Influence of new superhydrophobic micro-structures on delaying ice formation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020 , 595, 124675	5.1	3

622	Salt Effects on Formation and Stability of Colloidal Gas Aphrons Produced by Anionic and Zwitterionic Surfactants in Xanthan Gum Solution. <i>Colloids and Interfaces</i> , 2020 , 4, 9	3	7
621	Adsorption layer formation in dispersions of protein aggregates. <i>Advances in Colloid and Interface Science</i> , 2020 , 276, 102086	14.3	9
620	Dynamics of interfacial layers for sodium dodecylbenzene sulfonate solutions at different salinities. <i>Journal of Industrial and Engineering Chemistry</i> , 2020 , 92, 174-183	6.3	5
619	Effect of Temperature on the Dynamic Properties of Mixed Surfactant Adsorbed Layers at the Water/Hexane Interface under Low-Gravity Conditions. <i>Colloids and Interfaces</i> , 2020 , 4, 27	3	4
618	β-Lactoglobulin Adsorption Layers at the Water/Air Surface: 4. Impact on the Stability of Foam Films and Foams. <i>Minerals (Basel, Switzerland)</i> , 2020 , 10, 636	2.4	5
617	Drop Size Dependence of the Apparent Surface Tension of Aqueous Solutions in Hexane Vapor as Studied by Drop Profile Analysis Tensiometry. <i>Colloids and Interfaces</i> , 2020 , 4, 29	3	0
616	Dynamics of Competitive Adsorption of Lipase and Ionic Surfactants at the Water-Air Interface. <i>Langmuir</i> , 2020 , 36, 12010-12022	4	7
615	Surface tension and dilational rheology of mixed β-casein/β-lactoglobulin aqueous solutions at the water/air interface. <i>Food Hydrocolloids</i> , 2020 , 106, 105883	10.6	8
614	Dynamic Surface Properties of Mixed Dispersions of Silica Nanoparticles and Lysozyme. <i>Journal of Physical Chemistry B</i> , 2019 , 123, 4803-4812	3.4	3
613	Dynamic properties and relaxation processes in surface layer of pulmonary surfactant solutions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019 , 573, 14-21	5.1	14
612	Influence of hydrophilic silica nanoparticles on the adsorption layer properties of non-ionic surfactants at water/heptane interface. <i>Journal of Colloid and Interface Science</i> , 2019 , 545, 242-250	9.3	12
611	Dynamic Surface Properties of Fullerenol Solutions. <i>Langmuir</i> , 2019 , 35, 3773-3779	4	9
610	Polydopamine layer formation at the liquid/gas interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019 , 579, 123637	5.1	12
609	Particular Behavior of Surface Tension at the Interface between Aqueous Solution of Surfactant and Alkane. <i>Langmuir</i> , 2019 , 35, 15214-15220	4	8
608	β-Lactoglobulin Adsorption Layers at the Water/Air Surface: 3. Neutron Reflectometry Study on the Effect of pH. <i>Journal of Physical Chemistry B</i> , 2019 , 123, 10877-10889	3.4	11
607	Characterisation of egg white adsorption layers under equilibrium and dynamic conditions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019 , 568, 29-35	5.1	4
606	Interfacial Dilational Viscoelasticity of Adsorption Layers at the Hydrocarbon/Water Interface: The Fractional Maxwell Model. <i>Colloids and Interfaces</i> , 2019 , 3, 66	3	1
605	Cooperative Effects in Surfactant Adsorption Layers at Water/Alkane Interfaces. <i>Colloids and Interfaces</i> , 2019 , 3, 67	3	1

604	Dilational interfacial rheology of tridecyl dimethyl phosphine oxide adsorption layers at the water/hexane interface. <i>Journal of Colloid and Interface Science</i> , 2019 , 539, 30-37	9.3	11
603	Formation and stability of colloidal gas aphron based drilling fluid considering dynamic surface properties. <i>Journal of Petroleum Science and Engineering</i> , 2019 , 174, 468-475	4.4	10
602	Selection and study of alkoxysilanes as loading in submicrocapsules for self-lubricating coatings. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019 , 563, 359-369	5.1	6
601	Effect of soluble surfactants on pinch-off of moderately viscous drops and satellite size. <i>Journal of Colloid and Interface Science</i> , 2018 , 516, 182-191	9.3	19
600	Dilational surface visco-elasticity of CnEOm solutions under dynamic conditions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018 , 557, 131-136	5.1	3
599	The Influence of Enzymatic Hydrolysis on Adsorption and Interfacial Dilatational Properties of Pumpkin (<i>Cucurbita pepo</i>) Seed Protein Isolate. <i>Food Biophysics</i> , 2018 , 13, 217-225	3.2	3
598	Measuring Interfacial Tension of Emulsions in Situ by Microfluidics. <i>Langmuir</i> , 2018 , 34, 4991-4997	4	17
597	Thixotropic bulk elasticity versus interfacial elasticity in Xanthan Gum surfactant mixed solutions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018 , 557, 123-130	5.1	2
596	Dilational surface elasticity of spread monolayers of pulmonary lipids in a broad range of surface pressure. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018 , 541, 137-144	5.1	12
595	Study of the Liquid/Vapor Interfacial Properties of Concentrated Polyelectrolyte Surfactant Mixtures Using Surface Tensiometry and Neutron Reflectometry: Equilibrium, Adsorption Kinetics, and Dilational Rheology. <i>Journal of Physical Chemistry C</i> , 2018 , 122, 4419-4427	3.8	32
594	Adsorption and surface dilational visco-elasticity of C n EO m solutions as studied by drop profile analysis tensiometry. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018 , 547, 95-101	5.1	3
593	Quantum-chemical analysis of condensed monolayer phases of N-alkanoyl-substituted alanine at the air/water interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018 , 546, 346-359	5.1	2
592	The Role of Electrostatic Repulsion on Increasing Surface Activity of Anionic Surfactants in the Presence of Hydrophilic Silica Nanoparticles. <i>Scientific Reports</i> , 2018 , 8, 7251	4.9	50
591	Interfacial tensiometry and dilational surface visco-elasticity of biological liquids in medicine. <i>Advances in Colloid and Interface Science</i> , 2018 , 255, 34-46	14.3	7
590	Synthesis of Submicrocontainers with Green Biocide and Study of Their Antimicrobial Activity. <i>Colloids and Interfaces</i> , 2018 , 2, 67	3	5
589	Effect of Amplitude on the Surface Dilational Visco-Elasticity of Protein Solutions. <i>Colloids and Interfaces</i> , 2018 , 2, 57	3	4
588	Dynamic Properties of Mixed Cationic/Nonionic Adsorbed Layers at the N-Hexane/Water Interface: Capillary Pressure Experiments Under Low Gravity Conditions. <i>Colloids and Interfaces</i> , 2018 , 2, 53	3	4
587	A critical review of the model fitting quality and parameter stability of equilibrium adsorption models. <i>Advances in Colloid and Interface Science</i> , 2018 , 262, 50-68	14.3	18

586	An investigation on the influence of pH and ionic strength on the adsorption and interfacial dilatational properties at the oil-water interface of pumpkin (<i>Cucurbita pepo</i>) seed protein hydrolysate. <i>Journal of the Serbian Chemical Society</i> , 2018 , 83, 847-861	0.9	0
585	Direct Determination of the Distribution Coefficient of Tridecyl Dimethyl Phosphine Oxide between Water and Hexane. <i>Colloids and Interfaces</i> , 2018 , 2, 28	3	11
584	Dilational Viscoelasticity of Proteins Solutions in Dynamic Conditions. <i>Langmuir</i> , 2018 , 34, 6678-6686	4	8
583	Influence of alkane and perfluorocarbon vapors on adsorbed surface layers and spread insoluble monolayers of surfactants, proteins and lipids. <i>Advances in Colloid and Interface Science</i> , 2017 , 244, 100-142 ³	14.3	15
582	Effect of solution pH on the adsorption of BLG at the solution/tetradecane interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017 , 519, 161-167	5.1	4
581	Lactoglobulin adsorption layers at the water/air surface: 1. Adsorption kinetics and surface pressure isotherm: Effect of pH and ionic strength. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017 , 519, 153-160	5.1	28
580	Triclosan adsorption from model system by mineral sorbent diatomite. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017 , 532, 97-101	5.1	24
579	Dynamic properties of Span-80 adsorbed layers at paraffin-oil/water interface: Capillary pressure experiments under low gravity conditions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017 , 532, 228-243	5.1	4
578	Dynamic surface properties of C60-arginine and C60-l-lysine aqueous solutions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017 , 529, 1-6	5.1	14
577	Adsorption of alkane vapor at water drop surfaces. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017 , 532, 541-547	5.1	9
576	Adsorption characteristics of the alkyl phospholipid Inositol-C2-PAF at the solution/air interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017 , 532, 578-582	5.1	2
575	Adsorption of CEO at the interface between its aqueous solution drop and air saturated by different alkanes vapor. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 2193-2200	3.6	6
574	Flow physics exploration of surface tension driven flows. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017 , 518, 30-45	5.1	4
573	Dynamic interfacial tension of surfactant solutions. <i>Advances in Colloid and Interface Science</i> , 2017 , 247, 115-129	14.3	67
572	Surface Tension and Adsorption Studies by Drop Profile Analysis Tensiometry. <i>Journal of Surfactants and Detergents</i> , 2017 , 20, 1225-1241	1.9	37
571	Experimental and Computational Analysis of Fluid Interfaces Influenced by Soluble Surfactant. <i>Advances in Mathematical Fluid Mechanics</i> , 2017 , 395-444	0.3	
570	Microencapsulation of insulin and its release using w/o/w double emulsion method. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017 , 521, 147-152	5.1	27
569	Dynamic surface properties of mixed monolayers of polystyrene micro- and nanoparticles with DPPC. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017 , 521, 239-246	5.1	16

568	Mixed Protein/Hexane Adsorption Layers Formed at the Surface of Protein Solution Drops Surrounded by Hexane Vapor. <i>Advanced Materials Interfaces</i> , 2017 , 4, 1600031	4.6	3
567	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> , 2017 , 519, 146-152	5.1	3
566	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> , 2017 , 521, 211-220	5.1	7
565	Interfacial adsorption, viscoelasticity and recovery of silk fibroin layers at different oil/water interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017 , 519, 179-186	5.1	10
564	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> , 2017 , 521, 204-210	5.1	4
563	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> , 2017 , 521, 167-176	5.1	25
562	Surface Tension Measurements with the Drop Profile Analysis Tensiometry Consideration of the Surfactant Mass Balance in a Single Drop. <i>Colloids and Interfaces</i> , 2017 , 1, 1	3	19
561	The Use of Polymer and Surfactants for the Microencapsulation and Emulsion Stabilization. <i>Colloids and Interfaces</i> , 2017 , 1, 3	3	26
560	Multilayer Adsorption of Heptane Vapor at Water Drop Surfaces. <i>Colloids and Interfaces</i> , 2017 , 1, 8	3	1
559	Influence of polyelectrolytes on dynamic surface properties of fibrinogen solutions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017 , 532, 108-115	5.1	5
558	Thermodynamics, interfacial pressure isotherms and dilational rheology of mixed protein-surfactant adsorption layers. <i>Advances in Colloid and Interface Science</i> , 2016 , 233, 200-222	14.3	28
557	Polymer-surfactant complexes for microencapsulation of vitamin E and its release. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016 , 137, 152-7	6	33
556	Surface adsorption of sulfonated poly(phenylene sulfone)/C14TAB mixtures and its correlation with foam film stability. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 18414-23	3.6	11
555	Effect of pH and electrolyte concentration on rising air bubbles in Lactoglobulin solutions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016 , 505, 165-170	5.1	12
554	Balancing soft elasticity and low surface polarity in films of charged BSA capsules at air/fluid interface. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016 , 146, 161-70	6	5
553	Dilational Viscoelasticity of Adsorption Layers Measured by Drop and Bubble Profile Analysis: Reason for Different Results. <i>Langmuir</i> , 2016 , 32, 5500-9	4	13
552	Specific effects of Ca(2+) ions and molecular structure of Lactoglobulin interfacial layers that drive macroscopic foam stability. <i>Soft Matter</i> , 2016 , 12, 5995-6004	3.6	23
551	Triclosan as model system for the adsorption on recycled adsorbent materials. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016 , 505, 193-196	5.1	20

550	Polymer-surfactant systems in bulk and at fluid interfaces. <i>Advances in Colloid and Interface Science</i> , 2016 , 233, 38-64	14.3	135
549	Honorary note: Clayton J. Radke. <i>Advances in Colloid and Interface Science</i> , 2016 , 233, 1-3	14.3	
548	Quantum chemical clarification of the alkyl chain length threshold of nonionic surfactants for monolayer formation at the air/water interface. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 7932-7	3.6	1
547	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> , 2016 , 505, 118-123	5.1	10
546	Dynamics of rear stagnant cap formation at the surface of rising bubbles in surfactant solutions at large Reynolds and Marangoni numbers and for slow sorption kinetics. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016 , 492, 127-137	5.1	18
545	Chronicles of foam films. <i>Advances in Colloid and Interface Science</i> , 2016 , 233, 115-125	14.3	19
544	The effect of adsorption kinetics on the rate of surfactant-enhanced spreading. <i>Soft Matter</i> , 2016 , 12, 1009-13	3.6	22
543	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> , 2016 , 96, 4918-4928	4.3	5
542	Experimental study on interfacial characteristics during bubble dissolution. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016 , 505, 179-185	5.1	3
541	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> , 2016 , 505, 186-192	5.1	5
540	Foams 2016 , 1-31		1
539	Droplet dynamics in rotating flows. <i>Advances in Colloid and Interface Science</i> , 2016 , 236, 63-82	14.3	3
538	Quantization of the Molecular Tilt Angle of Amphiphile Monolayers at the Air/Water Interface. <i>Journal of Physical Chemistry C</i> , 2015 , 119, 5523-5533	3.8	6
537	Effect of partial vapor pressure on the co-adsorption of surfactants and hexane at the water/hexane vapor interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015 , 480, 79-84	5.1	18
536	Quantum chemical analysis of thermodynamics of 2D cluster formation of alkanes at the water/vapor interface in the presence of aliphatic alcohols. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 28901-20	3.6	5
535	Dynamic surface tension of H_2O at the aqueous solution/hexane vapor interface as measured by bubble pressure tensiometry. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015 , 483, 137-141	5.1	7
534	Analysis of Temperature and Alkyl Chain Length Impacts on the Morphological Peculiarities of Nonionic Surfactant Clusterization. A Quantum Chemical Approach. <i>Journal of Physical Chemistry C</i> , 2015 , 119, 18404-18413	3.8	4
533	Adsorption of equimolar aqueous sodium dodecyl sulphate/dodecyl trimethylammonium bromide mixtures at solution/air and solution/oil interfaces. <i>Colloid and Polymer Science</i> , 2015 , 293, 3099-3106	2.4	7

532	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> , 2015 , 119, 12877-86	3.4	40
531	Dynamics of drops [Formation, growth, oscillation, detachment, and coalescence. <i>Advances in Colloid and Interface Science</i> , 2015 , 222, 413-24	14.3	9
530	Dynamics of Rear Stagnant Cap Formation at the surface of spherical bubbles rising in surfactant solutions at large Reynolds numbers under conditions of small Marangoni number and slow sorption kinetics. <i>Advances in Colloid and Interface Science</i> , 2015 , 222, 260-74	14.3	38
529	Flexible thermoresponsive nanomembranes at the aqueous-air interface. <i>Chemical Communications</i> , 2015 , 51, 877-80	5.8	3
528	Experimental Approaches and Related Theories 2015 , 59-82		
527	Macroscale Computational Techniques in Interfacial Science 2015 , 183-195		
526	Solutal Marangoni Convection: Challenges in Fluid Dynamics with Mass Transfer 2015 , 467-480		
525	Thermodynamics of Adsorption at Liquid Interfaces 2015 , 3-40		
524	Dynamics of Interfacial Layer Formation 2015 , 83-104		1
523	Modeling of the effect of fluorocarbon gases on the properties of phospholipid monolayers and the adsorption dynamics of their aqueous solutions or dispersions. <i>Colloid and Polymer Science</i> , 2015 , 293, 3091-3097	2.4	18
522	Synergetic effect of sodium polystyrene sulfonate and guanidine hydrochloride on the surface properties of lysozyme solutions. <i>RSC Advances</i> , 2015 , 5, 7413-7422	3.7	9
521	Jones-Ray effect on the organization of lysozyme in the presence of NaNO ₃ at an air/water interface: is it a cause or consequence?. <i>RSC Advances</i> , 2015 , 5, 100638-100645	3.7	2
520	Dilational surface elasticity of monolayers of charged polystyrene nano- and microparticles at liquid/fluid interfaces. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015 , 485, 42-48	5.1	18
519	Stability and rheological behaviors of different oil/water emulsions stabilized by natural silk fibroin. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015 , 475, 84-93	5.1	32
518	Adsorption of proteins at the aqueous solution/alkane interface: Co-adsorption of protein and alkane. <i>Advances in Colloid and Interface Science</i> , 2015 , 222, 509-16	14.3	10
517	Tensiometry and dilational rheology of mixed β -lactoglobulin/ionic surfactant adsorption layers at water/air and water/hexane interfaces. <i>Journal of Colloid and Interface Science</i> , 2015 , 449, 383-91	9.3	19
516	Adsorption of proteins at the solution/air interface influenced by added nonionic surfactants at very low concentrations for both components. 3. Dilational surface rheology. <i>Journal of Physical Chemistry B</i> , 2015 , 119, 3768-75	3.4	10
515	Adsorption of proteins at the solution/air interface influenced by added non-ionic surfactants at very low concentrations for both components. 1. Dodecyl dimethyl phosphine oxide. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015 , 475, 62-68	5.1	9

514	Thermodynamic Models for the Adsorption of Alkyl Trimethyl Ammonium Bromides at the Water/Hexane Interface 2015 , 309-321		
513	Smart and green interfaces: from single bubbles/drops to industrial environmental and biomedical applications. <i>Advances in Colloid and Interface Science</i> , 2014 , 209, 109-26	14.3	20
512	On Hexagonal Orientation of Fatty Alcohols in Monolayers at the Air/Water Interface: Quantum-Chemical Approach. <i>Journal of Physical Chemistry C</i> , 2014 , 118, 4122-4130	3.8	13
511	Dynamic surface elasticity of mixed poly(diallyldimethylammonium chloride)/sodium dodecyl sulfate/NaCl solutions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014 , 460, 3-10	5.1	11
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