

Krasimir Danov

List of Publications by Year in descending order

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157
papers

6,827
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44069

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#	ARTICLE	IF	CITATIONS
1	Analytical modeling of micelle growth. 5. Molecular thermodynamics of micelles from zwitterionic surfactants. <i>Journal of Colloid and Interface Science</i> , 2022, 627, 469-482.	9.4	1
2	Analytical modeling of micelle growth. 3. Electrostatic free energy of ionic wormlike micelles – Effects of activity coefficients and spatially confined electric double layers. <i>Journal of Colloid and Interface Science</i> , 2021, 581, 262-275.	9.4	15
3	Analytical modeling of micelle growth. 4. Molecular thermodynamics of wormlike micelles from ionic surfactants: Theory vs. experiment. <i>Journal of Colloid and Interface Science</i> , 2021, 584, 561-581.	9.4	21
4	Kinetics of transfer of volatile amphiphiles (fragrances) from vapors to aqueous drops and vice versa: Interplay of diffusion and barrier mechanisms. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 625, 126931.	4.7	6
5	Solubility of ionic surfactants below their Krafft point in mixed micellar solutions: Phase diagrams for methyl ester sulfonates and nonionic cosurfactants. <i>Journal of Colloid and Interface Science</i> , 2021, 601, 474-485.	9.4	5
6	Motion of long bubbles in gravity- and pressure-driven flow through cylindrical capillaries up to moderate capillary numbers. <i>Physics of Fluids</i> , 2021, 33, .	4.0	4
7	Rheology of mixed solutions of sulfonated methyl esters and betaine in relation to the growth of giant micelles and shampoo applications. <i>Advances in Colloid and Interface Science</i> , 2020, 275, 102062.	14.7	24
8	Role of interfacial elasticity for the rheological properties of saponin-stabilized emulsions. <i>Journal of Colloid and Interface Science</i> , 2020, 564, 264-275.	9.4	36
9	Encapsulation of fragrances and oils by core-shell structures from silica nanoparticles, surfactant and polymer: Effect of particle size. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 606, 125558.	4.7	9
10	Phase separation of saturated micellar network and its potential applications for nanoemulsification. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 607, 125487.	4.7	5
11	Vortex in liquid films from concentrated surfactant solutions containing micelles and colloidal particles. <i>Journal of Colloid and Interface Science</i> , 2020, 576, 345-355.	9.4	6
12	Origin of the extremely high elasticity of bulk emulsions, stabilized by <i>Yucca Schidigera</i> saponins. <i>Food Chemistry</i> , 2020, 316, 126365.	8.2	10
13	Oil drop deposition on solid surfaces in mixed polymer-surfactant solutions in relation to hair- and skin-care applications. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 577, 53-61.	4.7	11
14	Analytical modeling of micelle growth. 2. Molecular thermodynamics of mixed aggregates and scission energy in wormlike micelles. <i>Journal of Colloid and Interface Science</i> , 2019, 551, 227-241.	9.4	23
15	Analytical modeling of micelle growth. 1. Chain-conformation free energy of binary mixed spherical, wormlike and lamellar micelles. <i>Journal of Colloid and Interface Science</i> , 2019, 547, 245-255.	9.4	30
16	Properties of the micelles of sulfonated methyl esters determined from the stepwise thinning of foam films and by rheological measurements. <i>Journal of Colloid and Interface Science</i> , 2019, 538, 660-670.	9.4	11
17	Hardening of particle/oil/water suspensions due to capillary bridges: Experimental yield stress and theoretical interpretation. <i>Advances in Colloid and Interface Science</i> , 2018, 251, 80-96.	14.7	27
18	Encapsulation of oils and fragrances by core-in-shell structures from silica particles, polymers and surfactants: The brick-and-mortar concept. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 559, 351-364.	4.7	16

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19	Growth of wormlike micelles in nonionic surfactant solutions: Quantitative theory vs. experiment. <i>Advances in Colloid and Interface Science</i> , 2018, 256, 1-22.	14.7	72
20	Rheology of particle/water/oil three-phase dispersions: Electrostatic vs. capillary bridge forces. <i>Journal of Colloid and Interface Science</i> , 2018, 513, 515-526.	9.4	11
21	Sulfonated methyl esters, linear alkylbenzene sulfonates and their mixed solutions: Micellization and effect of Ca ²⁺ ions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 519, 87-97.	4.7	24
22	Production and characterization of stable foams with fine bubbles from solutions of hydrophobin HFBII and its mixtures with other proteins. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 521, 92-104.	4.7	13
23	Effect of Ionic Correlations on the Surface Forces in Thin Liquid Films: Influence of Multivalent Ions and Extended Theory. <i>Materials</i> , 2016, 9, 145.	2.9	12
24	Soft electrostatic repulsion in particle monolayers at liquid interfaces: surface pressure and effect of aggregation. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2016, 374, 20150130.	3.4	32
25	Limited coalescence and Ostwald ripening in emulsions stabilized by hydrophobin HFBII and milk proteins. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 509, 521-538.	4.7	19
26	Surface properties of adsorption layers formed from triterpenoid and steroid saponins. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 491, 18-28.	4.7	65
27	Monolayers of charged particles in a Langmuir trough: Could particle aggregation increase the surface pressure?. <i>Journal of Colloid and Interface Science</i> , 2016, 462, 223-234.	9.4	39
28	Shape analysis of a rotating axisymmetric drop in gravitational field: Comparison of numerical schemes for real-time data processing. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 489, 75-85.	4.7	5
29	Adhesion of bubbles and drops to solid surfaces, and anisotropic surface tensions studied by capillary meniscus dynamometry. <i>Advances in Colloid and Interface Science</i> , 2016, 233, 223-239.	14.7	18
30	Asymptotic formulae for the interaction force and torque between two charged parallel cylinders. <i>Applied Mathematics and Computation</i> , 2015, 256, 642-655.	2.2	1
31	Depletion forces in thin liquid films due to nonionic and ionic surfactant micelles. <i>Current Opinion in Colloid and Interface Science</i> , 2015, 20, 11-18.	7.4	29
32	Sulfonated methyl esters of fatty acids in aqueous solutions: Interfacial and micellar properties. <i>Journal of Colloid and Interface Science</i> , 2015, 457, 307-318.	9.4	35
33	Shear rheology of mixed protein adsorption layers vs their structure studied by surface force measurements. <i>Advances in Colloid and Interface Science</i> , 2015, 222, 148-161.	14.7	20
34	Capillary meniscus dynamometry – Method for determining the surface tension of drops and bubbles with isotropic and anisotropic surface stress distributions. <i>Journal of Colloid and Interface Science</i> , 2015, 440, 168-178.	9.4	37
35	Solubility limits and phase diagrams for fatty alcohols in anionic (SLES) and zwitterionic (CAPB) micellar surfactant solutions. <i>Journal of Colloid and Interface Science</i> , 2015, 449, 46-61.	9.4	18
36	Dislike vs. cylindrical micelles: Generalized model of micelle growth and data interpretation. <i>Journal of Colloid and Interface Science</i> , 2014, 416, 258-273.	9.4	25

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37	The role of the hydrophobic phase in the unique rheological properties of saponin adsorption layers. <i>Soft Matter</i> , 2014, 10, 7034-7044.	2.7	57
38	Micelle monomer equilibria in solutions of ionic surfactants and in ionic nonionic mixtures: A generalized phase separation model. <i>Advances in Colloid and Interface Science</i> , 2014, 206, 17-45.	14.7	79
39	Shear rheology of hydrophobin adsorption layers at oil/water interfaces and data interpretation in terms of a viscoelastic thixotropic model. <i>Soft Matter</i> , 2014, 10, 5777.	2.7	11
40	Surface Pressure Isotherm for a Monolayer of Charged Colloidal Particles at a Water/Nonpolar-Fluid Interface: Experiment and Theoretical Model. <i>Langmuir</i> , 2014, 30, 2768-2778.	3.5	30
41	Micellar solutions of ionic surfactants and their mixtures with nonionic surfactants: Theoretical modeling vs. Experiment. <i>Colloid Journal</i> , 2014, 76, 255-270.	1.3	8
42	Competitive adsorption of the protein hydrophobin and an ionic surfactant: Parallel vs sequential adsorption and dilatational rheology. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014, 457, 307-317.	4.7	16
43	Forces acting on dielectric colloidal spheres at a water/nonpolar-fluid interface in an external electric field. 1. Uncharged particles. <i>Journal of Colloid and Interface Science</i> , 2013, 405, 278-290.	9.4	9
44	Extension of the ladder model of self-assembly from cylindrical to disclike surfactant micelles. <i>Current Opinion in Colloid and Interface Science</i> , 2013, 18, 524-531.	7.4	14
45	Remarkably high surface visco-elasticity of adsorption layers of triterpenoid saponins. <i>Soft Matter</i> , 2013, 9, 5738.	2.7	94
46	Forces acting on dielectric colloidal spheres at a water/nonpolar fluid interface in an external electric field. 2. Charged particles. <i>Journal of Colloid and Interface Science</i> , 2013, 405, 269-277.	9.4	16
47	Surface Pressure and Elasticity of Hydrophobin HFBII Layers on the Air-Water Interface: Rheology Versus Structure Detected by AFM Imaging. <i>Langmuir</i> , 2013, 29, 6053-6067.	3.5	32
48	Determination of the aggregation number and charge of ionic surfactant micelles from the stepwise thinning of foam films. <i>Advances in Colloid and Interface Science</i> , 2012, 183-184, 55-67.	14.7	105
49	In vitro study of triglyceride lipolysis and phase distribution of the reaction products and cholesterol: effects of calcium and bicarbonate. <i>Food and Function</i> , 2012, 3, 1206.	4.6	15
50	Super stable foams stabilized by colloidal ethyl cellulose particles. <i>Soft Matter</i> , 2012, 8, 2194-2205.	2.7	112
51	Surface Shear Rheology of Adsorption Layers from the Protein HFBII Hydrophobin: Effect of Added β -Casein. <i>Langmuir</i> , 2012, 28, 4168-4177.	3.5	27
52	Surface shear rheology of hydrophobin adsorption layers: laws of viscoelastic behaviour with applications to long-term foam stability. <i>Faraday Discussions</i> , 2012, 158, 195.	3.2	28
53	Hydrodynamic cavitation: a bottom-up approach to liquid aeration. <i>Soft Matter</i> , 2012, 8, 4562.	2.7	15
54	Role of surfactants on the approaching velocity of two small emulsion drops. <i>Journal of Colloid and Interface Science</i> , 2012, 368, 342-355.	9.4	14

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55	Solubility limits and phase diagrams for fatty acids in anionic (SLES) and zwitterionic (CAPB) micellar surfactant solutions. <i>Journal of Colloid and Interface Science</i> , 2012, 369, 274-286.	9.4	57
56	Interfacial layers from the protein HFBII hydrophobin: Dynamic surface tension, dilatational elasticity and relaxation times. <i>Journal of Colloid and Interface Science</i> , 2012, 376, 296-306.	9.4	72
57	The standard free energy of surfactant adsorption at air/water and oil/water interfaces: Theoretical vs. empirical approaches. <i>Colloid Journal</i> , 2012, 74, 172-185.	1.3	57
58	Unique Properties of Bubbles and Foam Films Stabilized by HFBII Hydrophobin. <i>Langmuir</i> , 2011, 27, 2382-2392.	3.5	78
59	Self-Assembled Bilayers from the Protein HFBII Hydrophobin: Nature of the Adhesion Energy. <i>Langmuir</i> , 2011, 27, 4481-4488.	3.5	47
60	Hydration force due to the reduced screening of the electrostatic repulsion in few-nanometer-thick films. <i>Current Opinion in Colloid and Interface Science</i> , 2011, 16, 517-524.	7.4	29
61	The metastable states of foam films containing electrically charged micelles or particles: Experiment and quantitative interpretation. <i>Advances in Colloid and Interface Science</i> , 2011, 168, 50-70.	14.7	49
62	Interaction between like-charged particles at a liquid interface: Electrostatic repulsion vs. electrocapillary attraction. <i>Journal of Colloid and Interface Science</i> , 2010, 345, 505-514.	9.4	31
63	Capillary forces between particles at a liquid interface: General theoretical approach and interactions between capillary multipoles. <i>Advances in Colloid and Interface Science</i> , 2010, 154, 91-103.	14.7	128
64	Coexistence of micelles and crystallites in solutions of potassium myristate: Soft matter vs. solid matter. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2010, 354, 172-187.	4.7	13
65	Equations of state and adsorption isotherms of low molecular non-ionic surfactants. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2010, 354, 118-133.	4.7	30
66	Oscillatory Structural Forces Due to Nonionic Surfactant Micelles: Data by Colloidal Probe AFM vs Theory. <i>Langmuir</i> , 2010, 26, 915-923.	3.5	54
67	Elastic Langmuir Layers and Membranes Subjected to Unidirectional Compression: Wrinkling and Collapse. <i>Langmuir</i> , 2010, 26, 143-155.	3.5	34
68	Effect of disjoining pressure on the drainage and relaxation dynamics of liquid films with mobile interfaces. <i>Journal of Colloid and Interface Science</i> , 2009, 336, 273-284.	9.4	22
69	Surface dilatational rheology measurements for oil/water systems with viscous oils. <i>Journal of Colloid and Interface Science</i> , 2009, 339, 545-550.	9.4	41
70	Attraction between Particles at a Liquid Interface Due to the Interplay of Gravity- and Electric-Field-Induced Interfacial Deformations. <i>Langmuir</i> , 2009, 25, 9129-9139.	3.5	42
71	Method for analysis of the composition of acid soaps by electrolytic conductivity measurements. <i>Journal of Colloid and Interface Science</i> , 2008, 327, 169-179.	9.4	14
72	Instrument and methods for surface dilatational rheology measurements. <i>Review of Scientific Instruments</i> , 2008, 79, 104102.	1.3	67

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73	Reply to Comment on "Hydrophobic Forces in the Foam Films Stabilized by Sodium Dodecyl Sulfate: Effect of Electrolyte" and Subsequent Criticism. <i>Langmuir</i> , 2008, 24, 2953-2953.	3.5	5
74	The Drop Size in Membrane Emulsification Determined from the Balance of Capillary and Hydrodynamic Forces. <i>Langmuir</i> , 2008, 24, 1397-1410.	3.5	33
75	Effect of electric-field-induced capillary attraction on the motion of particles at an oil-water interface. <i>Physical Chemistry Chemical Physics</i> , 2007, 9, 6371.	2.8	46
76	The colloid structural forces as a tool for particle characterization and control of dispersion stability. <i>Physical Chemistry Chemical Physics</i> , 2007, 9, 5183.	2.8	71
77	Effect of the Precipitation of Neutral-Soap, Acid-Soap, and Alkanoic Acid Crystallites on the Bulk pH and Surface Tension of Soap Solutions. <i>Langmuir</i> , 2007, 23, 3538-3553.	3.5	54
78	Role of the counterions on the adsorption of ionic surfactants. <i>Advances in Colloid and Interface Science</i> , 2007, 134-135, 105-124.	14.7	47
79	Experimental and theoretical investigations on interfacial temperature jumps during evaporation. <i>Experimental Thermal and Fluid Science</i> , 2007, 32, 276-292.	2.7	128
80	Hydrodynamic forces acting on a microscopic emulsion drop growing at a capillary tip in relation to the process of membrane emulsification. <i>Journal of Colloid and Interface Science</i> , 2007, 316, 844-857.	9.4	12
81	Particle-Interface Interaction across a Nonpolar Medium in Relation to the Production of Particle-Stabilized Emulsions. <i>Langmuir</i> , 2006, 22, 106-115.	3.5	52
82	Maximum Bubble Pressure Method: A Universal Surface Age and Transport Mechanisms in Surfactant Solutions. <i>Langmuir</i> , 2006, 22, 7528-7542.	3.5	69
83	Shape of the Capillary Meniscus around an Electrically Charged Particle at a Fluid Interface: A Comparison of Theory and Experiment. <i>Langmuir</i> , 2006, 22, 2653-2667.	3.5	36
84	Reply to Comment on Electrodipping Force Acting on Solid Particles at a Fluid Interface. <i>Langmuir</i> , 2006, 22, 848-849.	3.5	13
85	Micellar surfactant solutions: Dynamics of adsorption at fluid interfaces subjected to stationary expansion. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2006, 282-283, 143-161.	4.7	8
86	Mass transport in micellar surfactant solutions: 1. Relaxation of micelle concentration, aggregation number and polydispersity. <i>Advances in Colloid and Interface Science</i> , 2006, 119, 1-16.	14.7	40
87	Mass transport in micellar surfactant solutions: 2. Theoretical modeling of adsorption at a quiescent interface. <i>Advances in Colloid and Interface Science</i> , 2006, 119, 17-33.	14.7	32
88	Electric forces induced by a charged colloid particle attached to the water-nonpolar fluid interface. <i>Journal of Colloid and Interface Science</i> , 2006, 298, 213-231.	9.4	49
89	Interpretation of surface-tension isotherms of n-alkanoic (fatty) acids by means of the van der Waals model. <i>Journal of Colloid and Interface Science</i> , 2006, 300, 809-813.	9.4	42
90	Influence of electrolytes on the dynamic surface tension of ionic surfactant solutions: Expanding and immobile interfaces. <i>Journal of Colloid and Interface Science</i> , 2006, 303, 56-68.	9.4	11

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91	Disjoining pressure of thin films stabilized by nonionic surfactants. <i>Advances in Colloid and Interface Science</i> , 2006, 128-130, 185-215.	14.7	15
92	Interactions between particles with an undulated contact line at a fluid interface: Capillary multipoles of arbitrary order. <i>Journal of Colloid and Interface Science</i> , 2005, 287, 121-134.	9.4	173
93	Interfacial rheology of adsorbed layers with surface reaction: On the origin of the dilatational surface viscosity. <i>Advances in Colloid and Interface Science</i> , 2005, 114-115, 61-92.	14.7	89
94	Detachment of Oil Drops from Solid Surfaces in Surfactant Solutions: Molecular Mechanisms at a Moving Contact Line. <i>Industrial & Engineering Chemistry Research</i> , 2005, 44, 1309-1321.	3.7	50
95	On the mechanism of stomatocyte-echinocyte transformations of red blood cells: experiment and theoretical model. <i>Colloids and Surfaces B: Biointerfaces</i> , 2004, 34, 123-140.	5.0	47
96	Mixed Solutions of Anionic and Zwitterionic Surfactant (Betaine): Surface-Tension Isotherms, Adsorption, and Relaxation Kinetics. <i>Langmuir</i> , 2004, 20, 5445-5453.	3.5	148
97	Detection of the Hydrophobic Surface Force in Foam Films by Measurements of the Critical Thickness of the Film Rupture. <i>Langmuir</i> , 2004, 20, 1799-1806.	3.5	68
98	Electrodipping Force Acting on Solid Particles at a Fluid Interface. <i>Langmuir</i> , 2004, 20, 6139-6151.	3.5	98
99	Evaluation of the Precision of Drop-Size Determination in Oil/Water Emulsions by Low-Resolution NMR Spectroscopy. <i>Langmuir</i> , 2004, 20, 11402-11413.	3.5	74
100	Effect of Surfactants on Drop Stability and Thin Film Drainage. , 2004, , 1-38.		7
101	Application of the model-free approach to low molecular weight systems with hindered internal rotation: cinnamoylmesitylene. <i>Magnetic Resonance in Chemistry</i> , 2003, 41, 989-995.	1.9	0
102	Spontaneous detachment of oil drops from solid substrates: governing factors. <i>Journal of Colloid and Interface Science</i> , 2003, 257, 357-363.	9.4	70
103	Hydrodynamic instability and coalescence in trains of emulsion drops or gas bubbles moving through a narrow capillary. <i>Journal of Colloid and Interface Science</i> , 2003, 267, 243-258.	9.4	20
104	Effect of Nonionic Admixtures on the Adsorption of Ionic Surfactants at Fluid Interfaces. 1. Sodium Dodecyl Sulfate and Dodecanol. <i>Langmuir</i> , 2003, 19, 5004-5018.	3.5	83
105	Monolayers of Globular Proteins on the Air/Water Interface: Applicability of the Volmer Equation of State. <i>Langmuir</i> , 2003, 19, 7362-7369.	3.5	29
106	Effect of Nonionic Admixtures on the Adsorption of Ionic Surfactants at Fluid Interfaces. 2. Sodium Dodecylbenzene Sulfonate and Dodecylbenzene. <i>Langmuir</i> , 2003, 19, 5019-5030.	3.5	22
107	Comparison of the van der Waals and Frumkin Adsorption Isotherms for Sodium Dodecyl Sulfate at Various Salt Concentrations. <i>Langmuir</i> , 2002, 18, 9106-9109.	3.5	89
108	Adsorption Relaxation for Nonionic Surfactants under Mixed Barrier-Diffusion and Micellization-Diffusion Control. <i>Journal of Colloid and Interface Science</i> , 2002, 251, 18-25.	9.4	38

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109	Capillary mechanisms in membrane emulsification: oil-in-water emulsions stabilized by Tween 20 and milk proteins. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2002, 209, 83-104.	4.7	94
110	Reconstruction of the electric charge density in thin films from the contrast transfer function measurements. <i>Ultramicroscopy</i> , 2002, 90, 85-95.	1.9	19
111	Stability of draining plane-parallel films containing surfactants. <i>Advances in Colloid and Interface Science</i> , 2002, 96, 101-129.	14.7	78
112	The formation of satellite droplets by unstable binary drop collisions. <i>Physics of Fluids</i> , 2001, 13, 2463-2477.	4.0	93
113	Capillary Forces between Colloidal Particles Confined in a Liquid Film: The Finite-Meniscus Problem. <i>Langmuir</i> , 2001, 17, 6599-6609.	3.5	51
114	Role of Surface Diffusion for the Drainage and Hydrodynamic Stability of Thin Liquid Films. <i>Langmuir</i> , 2001, 17, 1150-1156.	3.5	32
115	Particles with an Undulated Contact Line at a Fluid Interface: Interaction between Capillary Quadrupoles and Rheology of Particulate Monolayers. <i>Langmuir</i> , 2001, 17, 7694-7705.	3.5	126
116	Electric charging of thin films measured using the contrast transfer function. <i>Ultramicroscopy</i> , 2001, 87, 45-54.	1.9	24
117	On the Viscosity of Dilute Emulsions. <i>Journal of Colloid and Interface Science</i> , 2001, 235, 144-149.	9.4	47
118	Influence of Ionic Surfactants on the Drainage Velocity of Thin Liquid Films. <i>Journal of Colloid and Interface Science</i> , 2001, 241, 400-412.	9.4	35
119	Viscous drag of a solid sphere straddling a spherical or flat surface. <i>Physics of Fluids</i> , 2000, 12, 2711.	4.0	80
120	Determination of Bulk and Surface Diffusion Coefficients from Experimental Data for Thin Liquid Film Drainage. <i>Journal of Colloid and Interface Science</i> , 2000, 223, 314-316.	9.4	44
121	Drag of a Solid Particle Trapped in a Thin Film or at an Interface: Influence of Surface Viscosity and Elasticity. <i>Journal of Colloid and Interface Science</i> , 2000, 226, 35-43.	9.4	48
122	Effect of surfactants on the stability of films between two colliding small bubbles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2000, 175, 179-192.	4.7	47
123	Erythrocyte attachment to substrates: determination of membrane tension and adhesion energy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2000, 19, 61-80.	5.0	29
124	The Effect of Oil Solubility on the Oil Drop Entry at Water-Air Interface. <i>Langmuir</i> , 2000, 16, 8892-8902.	3.5	16
125	Adsorption Kinetics of Ionic Surfactants after a Large Initial Perturbation. Effect of Surface Elasticity. <i>Langmuir</i> , 2000, 16, 2942-2956.	3.5	23
126	Motion of a massive particle attached to a spherical interface: statistical properties of the particle path. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1999, 149, 245-251.	4.7	9

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127	Flocculation and coalescence of micron-size emulsion droplets. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1999, 152, 161-182.	4.7	133
128	Adsorption kinetics of ionic surfactants with detailed account for the electrostatic interactions: effect of the added electrolyte. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1999, 156, 389-411.	4.7	36
129	Surfactants role on the deformation of colliding small bubbles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1999, 156, 547-566.	4.7	42
130	Falling ball viscosimetry of giant vesicle membranes: Finite-size effects. <i>European Physical Journal B</i> , 1999, 12, 589-598.	1.5	87
131	Effect of Surfactants on the Film Drainage. <i>Journal of Colloid and Interface Science</i> , 1999, 211, 291-303.	9.4	93
132	Thermodynamics of Ionic Surfactant Adsorption with Account for the Counterion Binding: Effect of Salts of Various Valency. <i>Langmuir</i> , 1999, 15, 2351-2365.	3.5	222
133	Stability of evaporating two-layered liquid film in the presence of surfactant I. The equations of lubrication approximation. <i>Chemical Engineering Science</i> , 1998, 53, 2809-2822.	3.8	71
134	Stability of evaporating two-layered liquid film in the presence of surfactant II. Linear analysis. <i>Chemical Engineering Science</i> , 1998, 53, 2823-2837.	3.8	48
135	Stability of evaporating two-layered liquid film in the presence of surfactant III. Non-linear stability analysis. <i>Chemical Engineering Science</i> , 1998, 53, 2839-2857.	3.8	46
136	Stokes flow caused by the motion of a rigid sphere close to a viscous interface. <i>Chemical Engineering Science</i> , 1998, 53, 3413-3434.	3.8	24
137	Role of Surface Forces in the Stability of Evaporating Thin Liquid Films That Contain Surfactant Micelles. <i>Journal of Colloid and Interface Science</i> , 1998, 198, 224-240.	9.4	4
138	Growth of Giant Rodlike Micelles of Ionic Surfactant in the Presence of Al ³⁺ Counterions. <i>Langmuir</i> , 1998, 14, 4036-4049.	3.5	67
139	The stability of evaporating thin liquid films in the presence of surfactant. I. Lubrication approximation and linear analysis. <i>Physics of Fluids</i> , 1998, 10, 131-143.	4.0	43
140	Sphere-to-Rod Transition in the Shape of Anionic Surfactant Micelles Determined by Surface Tension Measurements. <i>Langmuir</i> , 1997, 13, 5544-5551.	3.5	60
141	Experimental Study of Particle Structuring in Vertical Stratifying Films from Latex Suspensions. <i>Langmuir</i> , 1997, 13, 4342-4348.	3.5	43
142	Motion of a massive microsphere bound to a spherical vesicle. <i>Europhysics Letters</i> , 1997, 40, 405-410.	2.0	21
143	Hydrodynamic Theory for Spontaneously Growing Dimple in Emulsion Films with Surfactant Mass Transfer. <i>Journal of Colloid and Interface Science</i> , 1997, 188, 313-324.	9.4	35
144	Adsorption Kinetics of Ionic Surfactants with Detailed Account for the Electrostatic Interactions. <i>Journal of Colloid and Interface Science</i> , 1997, 192, 194-206.	9.4	43

#	ARTICLE	IF	CITATIONS
145	Precise Method for Measuring the Shear Surface Viscosity of Surfactant Monolayers. <i>Langmuir</i> , 1996, 12, 2650-2653.	3.5	71
146	Adsorption from Micellar Surfactant Solutions: Nonlinear Theory and Experiment. <i>Journal of Colloid and Interface Science</i> , 1996, 183, 223-235.	9.4	35
147	Effect of the surface expansion and wettability of the capillary on the dynamic surface tension measured by the maximum bubble pressure method. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1996, 113, 117-126.	4.7	24
148	Flocculation of Deformable Emulsion Droplets. <i>Journal of Colloid and Interface Science</i> , 1995, 176, 189-200.	9.4	60
149	Measurement of the Drag Coefficient of Spherical Particles Attached to Fluid Interfaces. <i>Journal of Colloid and Interface Science</i> , 1995, 172, 147-154.	9.4	83
150	Influence of the Surface Viscosity on the Hydrodynamic Resistance and Surface Diffusivity of a Large Brownian Particle. <i>Journal of Colloid and Interface Science</i> , 1995, 175, 36-45.	9.4	114
151	Influence of the surface viscosity on the drag and torque coefficients of a solid particle in a thin liquid layer. <i>Chemical Engineering Science</i> , 1995, 50, 263-277.	3.8	18
152	On the slow motion of an interfacial viscous droplet in a thin liquid layer. <i>Chemical Engineering Science</i> , 1995, 50, 2943-2956.	3.8	9
153	Slow motions of a solid spherical particle close to a viscous interface. <i>International Journal of Multiphase Flow</i> , 1995, 21, 1169-1189.	3.4	14
154	Kinetic Model for the Simultaneous Processes of Flocculation and Coalescence in Emulsion Systems. <i>Journal of Colloid and Interface Science</i> , 1994, 167, 8-17.	9.4	46
155	Coalescence dynamics of deformable Brownian emulsion droplets. <i>Langmuir</i> , 1993, 9, 1731-1740.	3.5	76
156	Pair interaction energy between deformable drops and bubbles. <i>Journal of Chemical Physics</i> , 1993, 99, 7179-7189.	3.0	75
157	Interaction between deformable Brownian droplets. <i>Physical Review Letters</i> , 1993, 71, 3226-3229.	7.8	39