Libero Liggieri

List of Publications by Year in Descending Order

149 papers	4,376 citations	39 h-index	60 g-index
165 ext. papers	4,765 ext. citations	5.2 avg, IF	5.36 L-index

#	Paper	IF	Citations
149	Evaluating the Impact of Hydrophobic Silicon Dioxide in the Interfacial Properties of Lung Surfactant Films.. *Environmental Science & Technology*, **2022**,	10.3	2
148	Evaluation of the impact of carbonaceous particles in the mechanical performance of lipid Langmuir monolayers. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2022**, 634, 127974	5.1	2
147	Effects of Oil Phase on the Inversion of Pickering Emulsions Stabilized by Palmitic Acid Decorated Silica Nanoparticles. *Colloids and Interfaces*, **2022**, 6, 27	3	0
146	Thermodynamics, Kinetics and Dilational Visco-Elasticity of Adsorbed CnEOm Layers at the Aqueous Solution/Air Interface. *Colloids and Interfaces*, **2021**, 5, 16	3	3
145	Biocompatibility of intraocular liquid tamponade agents: an update. *Eye*, **2021**, 35, 2699-2713	4.4	3
144	Monolayers of Cholesterol and Cholesteryl Stearate at the Water/Vapor Interface: A Physico-Chemical Study of Components of the Meibum Layer. *Colloids and Interfaces*, **2021**, 5, 30	3	3
143	A Multistate Adsorption Model for the Adsorption of C14EO4 and C14EO8 at the Solution/Air Interface. *Colloids and Interfaces*, **2021**, 5, 39	3	4
142	Recent developments in emulsion characterization: Diffusing Wave Spectroscopy beyond average values. *Advances in Colloid and Interface Science*, **2021**, 288, 102341	14.3	5
141	Emulsification and emulsion stability: The role of the interfacial properties. *Advances in Colloid and Interface Science*, **2021**, 288, 102344	14.3	35
140	Methods and models to investigate the physicochemical functionality of pulmonary surfactant. *Current Opinion in Colloid and Interface Science*, **2021**, 55, 101467	7.6	7
139	Soft matter dynamics: A versatile microgravity platform to study dynamics in soft matter.. *Review of Scientific Instruments*, **2021**, 92, 124503	1.7	1
138	Interfacial Properties and Emulsification of Biocompatible Liquid-Liquid Systems. *Coatings*, **2020**, 10, 397	2.9	7
137	Interaction of Particles with Langmuir Monolayers of 1,2-Dipalmitoyl-Sn-Glycero-3-Phosphocholine: A Matter of Chemistry?. *Coatings*, **2020**, 10, 469	2.9	9
136	Interfacial Properties of Tridecyl Dimethyl Phosphine Oxide Adsorbed at the Surface of a Solution Drop in Hexane Saturated Air. *Colloids and Interfaces*, **2020**, 4, 19	3	3
135	New view of the adsorption of surfactants at water/alkane interfaces - Competitive and cooperative effects of surfactant and alkane molecules. *Advances in Colloid and Interface Science*, **2020**, 279, 102143	14.3	23
134	Effect of Temperature on the Dynamic Properties of Mixed Surfactant Adsorbed Layers at the Water/Hexane Interface under Low-Gravity Conditions. *Colloids and Interfaces*, **2020**, 4, 27	3	4
133	Drop Size Dependence of the Apparent Surface Tension of Aqueous Solutions in Hexane Vapor as Studied by Drop Profile Analysis Tensiometry. *Colloids and Interfaces*, **2020**, 4, 29	3	0

132	The Role of Endogenous Proteins on the Emulsification of Silicone Oils Used in Vitreoretinal Surgery. *BioMed Research International*, **2020**, 2020, 2915010	3	2
131	Diffusing wave spectroscopy for investigating emulsions: II. Characterization of a paradigmatic oil-in-water emulsion. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2019**, 580, 123724	5.1	4
130	Surface properties and foamability of saponin and saponin-chitosan systems. *Colloids and Surfaces B: Biointerfaces*, **2019**, 181, 198-206	6	18
129	Surface properties of binary TiO2 - SiO2 nanoparticle dispersions relevant for foams stabilization. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2019**, 575, 299-309	5.1	11
128	Diffusing wave spectroscopy for investigating emulsions: I. Instrumental aspects. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2019**, 580, 123574	5.1	7
127	Interfacial Dilational Viscoelasticity of Adsorption Layers at the Hydrocarbon/Water Interface: The Fractional Maxwell Model. *Colloids and Interfaces*, **2019**, 3, 66	3	1
126	Dilational surface elasticity of spread monolayers of pulmonary lipids in a broad range of surface pressure. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2018**, 541, 137-144	5.1	12
125	Adsorption kinetics of the partially dissociated ionic surfactants: The effect of degree of dissociation. *Journal of the Taiwan Institute of Chemical Engineers*, **2018**, 92, 2-7	5.3	3
124	Adsorption of Sodium Dodecyl Sulfate at Water-Dodecane Interface in Relation to the Oil in Water Emulsion Properties. *Langmuir*, **2018**, 34, 5978-5989	4	29
123	The Surface Layer as the Basis for Foam Formation and Stability **2018**, 3-55		
122	Dynamic Properties of Mixed Cationic/Nonionic Adsorbed Layers at the N-Hexane/Water Interface: Capillary Pressure Experiments Under Low Gravity Conditions. *Colloids and Interfaces*, **2018**, 2, 53	3	4
121	DSC (Differential Scanning Calorimetry) used to follow the evolution of W/O emulsions versus time on ground and in space in the ISS. *Oil and Gas Science and Technology*, **2018**, 73, 16	1.9	4
120	Dynamic properties of Span-80 adsorbed layers at paraffin-oil/water interface: Capillary pressure experiments under low gravity conditions. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2017**, 532, 228-243	5.1	4
119	Effect of the Incorporation of Nanosized Titanium Dioxide on the Interfacial Properties of 1,2-Dipalmitoyl-sn-glycerol-3-phosphocholine Langmuir Monolayers. *Langmuir*, **2017**, 33, 10715-10725	4	24
118	Activated carbon monoliths from particle stabilized foams. *Microporous and Mesoporous Materials*, **2017**, 239, 45-53	5.3	5
117	Amphiphobic coatings for antifouling in marine environment. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2016**, 505, 158-164	5.1	22
116	Hydrophobic Silica Nanoparticles Induce Gel Phases in Phospholipid Monolayers. *Langmuir*, **2016**, 32, 4868-76	4	19
115	Adsorption kinetics of the ionic surfactant decanoic acid. *International Journal of Heat and Mass Transfer*, **2016**, 102, 36-44	4.9	11

114	Carbon based porous materials from particle stabilized wet foams. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2015**, 473, 24-31	5.1	10
113	Interaction of Carbon Black Particles and Dipalmitoylphosphatidylcholine at the Water/Air Interface: Thermodynamics and Rheology. *Journal of Physical Chemistry C*, **2015**, 119, 26937-26947	3.8	35
112	Biofouling control by superhydrophobic surfaces in shallow euphotic seawater. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2015**, 480, 369-375	5.1	47
111	Surface properties of Vancomycin after interaction with laser beams. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2015**, 480, 328-335	5.1	7
110	Surface dilational rheological properties in the nonlinear domain. *Advances in Colloid and Interface Science*, **2015**, 222, 110-8	14.3	26
109	Dynamics of Interfacial Layer Formation **2015**, 83-104		1
108	2D dynamical arrest transition in a mixed nanoparticle-phospholipid layer studied in real and momentum spaces. *Scientific Reports*, **2015**, 5, 17930	4.9	39
107	Effect of silica nanoparticles on the interfacial properties of a canonical lipid mixture. *Colloids and Surfaces B: Biointerfaces*, **2015**, 136, 971-80	6	30
106	Particle and Particle-Surfactant Mixtures at Fluid Interfaces: Assembly, Morphology, and Rheological Description. *Advances in Condensed Matter Physics*, **2015**, 2015, 1-17	1	44
105	A study on the method of short-time approximation Criteria for applicability. *International Journal of Heat and Mass Transfer*, **2015**, 90, 752-760	4.9	9
104	Carbon Soot-Ionic Surfactant Mixed Layers at Water/Air Interfaces. *Journal of Nanoscience and Nanotechnology*, **2015**, 15, 3618-25	1.3	13
103	Interfacial Properties of Mixed DPPC Hydrophobic Fumed Silica Nanoparticle Layers. *Journal of Physical Chemistry C*, **2015**, 119, 21024-21034	3.8	35
102	Smart and green interfaces: from single bubbles/drops to industrial environmental and biomedical applications. *Advances in Colloid and Interface Science*, **2014**, 209, 109-26	14.3	20
101	Emulsions stabilized by the interaction of silica nanoparticles and palmitic acid at the water hexane interface. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2014**, 460, 333-341	5.1	49
100	Two-dimensional DPPC based emulsion-like structures stabilized by silica nanoparticles. *Langmuir*, **2014**, 30, 11504-12	4	35
99	Dilational rheology of spread and adsorbed layers of silica nanoparticles at the liquid-gas interface. *Colloid Journal*, **2014**, 76, 127-138	1.1	15
98	Surfactant induced complex formation and their effects on the interfacial properties of seawater. *Colloids and Surfaces B: Biointerfaces*, **2014**, 123, 701-9	6	16
97	Recent Developments in Dilational Viscoelasticity of Surfactant Layers **2014**, 313-344		

96	Effect of tea polyphenols on the dilational rheology of human whole saliva (HWS): Part 1, HWS characterization. *Colloids and Surfaces B: Biointerfaces*, **2013**, 110, 466-73	6	9
95	Dynamic properties of mixed nanoparticle/surfactant adsorption layers. *Soft Matter*, **2013**, 9, 3305	3.6	82
94	Effect of tea polyphenols on the dilational rheology of human whole saliva (HWS): part 2, polyphenols-HWS interaction. *Colloids and Surfaces B: Biointerfaces*, **2013**, 110, 474-9	6	12
93	Mixed DPPC-cholesterol Langmuir monolayers in presence of hydrophilic silica nanoparticles. *Colloids and Surfaces B: Biointerfaces*, **2013**, 105, 284-93	6	63
92	Nanoparticle laden interfacial layers and application to foams and solid foams. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2013**, 438, 132-140	5.1	23
91	Properties of Fatty Amine–Silica Nanoparticle Interfacial Layers at the Hexane–Water Interface. *Journal of Physical Chemistry C*, **2012**, 116, 3050-3058	3.8	49
90	Wettability of silica nanoparticle–surfactant nanocomposite interfacial layers. *Soft Matter*, **2012**, 8, 837-843	3.6	123
89	Properties and structure of interfacial layers formed by hydrophilic silica dispersions and palmitic acid. *Physical Chemistry Chemical Physics*, **2012**, 14, 607-15	3.6	43
88	Influence of silica nanoparticles on phase behavior and structural properties of DPPC–Palmitic acid Langmuir monolayers. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2012**, 413, 280-287	5.1	62
87	DPPC–DOPC Langmuir monolayers modified by hydrophilic silica nanoparticles: Phase behaviour, structure and rheology. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2012**, 413, 174-183	5.1	70
86	The role of emulsifier in stabilization of emulsions containing colloidal alumina particles. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2012**, 413, 239-247	5.1	10
85	Soot particles at the aqueous interface and effects on foams stability. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2012**, 413, 216-223	5.1	20
84	Spherical cap-shaped emulsion films: thickness evaluation at the nanoscale level by the optical evanescent wave effect. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2012**, 413, 101-107	5.1	5
83	Influence of silica nanoparticles on dilational rheology of DPPC–palmitic acid Langmuir monolayers. *Soft Matter*, **2012**, 8, 3938	3.6	57
82	Recent Developments in Dilational Viscoelasticity of Surfactant Layers **2011**, 313-344		
81	Effect of Hydrophilic and Hydrophobic Nanoparticles on the Surface Pressure Response of DPPC Monolayers. *Journal of Physical Chemistry C*, **2011**, 115, 21715-21722	3.8	91
80	Adsorption layer properties and foam film drainage of aqueous solutions of tetraethyleneglycol monododecyl ether. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2011**, 392, 233-241	5.1	14
79	Wide-frequency dilational rheology investigation of mixed silica nanoparticle–CTAB interfacial layers. *Soft Matter*, **2011**, 7, 7699	3.6	84

78	Study of the monolayer structure and wettability properties of silica nanoparticles and CTAB using the Langmuir trough technique. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2011**, 382, 186-191	5.1	60
77	Influence of n-hexanol and n-octanol on wetting properties and air entrapment at superhydrophobic surfaces. *Physical Chemistry Chemical Physics*, **2011**, 13, 9452-7	3.6	8
76	Capillary pressure studies under low gravity conditions. *Advances in Colloid and Interface Science*, **2010**, 161, 102-14	14.3	12
75	Relaxation of surfactants adsorption layers at liquid interfaces. *Current Opinion in Colloid and Interface Science*, **2010**, 15, 256-263	7.6	58
74	A multi-probe non-intrusive electrical technique for monitoring emulsification of hexane-in-water with the emulsifier C10E5 soluble in both phases. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2010**, 354, 353-363	5.1	13
73	Short time dynamic interfacial tension as studied by the growing drop capillary pressure technique. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2010**, 365, 62-69	5.1	25
72	Determination of the dilational viscoelasticity by the oscillating drop/bubble method in a capillary pressure tensiometer. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2010**, 365, 2-13	5.1	20
71	Interfacial properties of carbon particulate-laden liquid interfaces and stability of related foams and emulsions. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2010**, 365, 189-198	5.1	49
70	Laser beams resonant interaction with micro-droplets which have a controlled content. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2010**, 365, 83-88	5.1	8
69	Adsorption layer characteristics of Triton surfactants. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2009**, 334, 8-15	5.1	46
68	Wetting of Single and Mixed Surfactant Solutions on Superhydrophobic Surfaces. *Journal of Adhesion Science and Technology*, **2009**, 23, 483-492	2	5
67	From spherical to polymorphous dispersed phase transition in water/oil emulsions. *Langmuir*, **2009**, 25, 4266-70	4	28
66	Foams and emulsions in space. *Europhysics News*, **2008**, 39, 26-28	0.2	4
65	Structural properties and dynamics of C12E5 molecules adsorbed at water/air interfaces: A molecular dynamic study. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2008**, 323, 180-191	5.1	10
64	Dynamic interfacial properties of drops relevant to W/O-emulsion-forming systems: A refined measurement apparatus. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2008**, 323, 3-11	5.1	11
63	Liquid–liquid interfacial properties of mixed nanoparticle–surfactant systems. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2008**, 323, 99-108	5.1	155
62	Interfacial rheology of Span 80 adsorbed layers at paraffin oil–water interface and correlation with the corresponding emulsion properties. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2007**, 309, 270-279	5.1	84
61	Binary emulsion investigation by optical tomographic microscopy for FASES experiments. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2007**, 309, 280-285	5.1	10

60	Interfacial properties of coffee-based beverages. *Food Hydrocolloids*, **2007**, 21, 1374-1378	10.6	15
59	Dynamic capillary pressure measurements in the short time range by applying a fast growing drop technique. *Microgravity Science and Technology*, **2006**, 18, 95-99	1.6	3
58	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 0.01–0.32 Hz frequency range. *Microgravity Science and Technology*, **2006**, 18, 100-103	1.6	1
57	Project proposal for the investigation of particle-stabilised emulsions and foams by microgravity experiments. *Microgravity Science and Technology*, **2006**, 18, 104-107	1.6	17
56	Results of microgravity investigation on adsorption and interfacial rheology of soluble surfactants from the experiment FAST onboard STS-107. *Microgravity Science and Technology*, **2006**, 18, 112-116	1.6	5
55	Surfactant adsorption at superhydrophobic surfaces. *Applied Physics Letters*, **2006**, 89, 053104	3.4	31
54	Preparation of a superhydrophobic surface by mixed inorganic-organic coating. *Applied Physics Letters*, **2006**, 88, 203125	3.4	28
53	Effect of nanoparticles on the interfacial properties of liquid/liquid and liquid/air surface layers. *Journal of Physical Chemistry B*, **2006**, 110, 19543-51	3.4	262
52	Modelling of dilational visco-elasticity of adsorbed layers with multiple kinetic processes. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2006**, 282-283, 210-216	5.1	35
51	Surface rheology as a tool for the investigation of processes internal to surfactant adsorption layers. *Faraday Discussions*, **2005**, 129, 125-40; discussion 179-92	3.6	50
50	Influence of surface processes on the dilational visco-elasticity of surfactant solutions. *Advances in Colloid and Interface Science*, **2005**, 117, 75-100	14.3	161
49	Film tension and dilational film rheology of a single foam bubble. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2005**, 261, 115-121	5.1	11
48	Analysis of amplitude- and phase-frequency characteristics of oscillating bubble system with closed measuring cell. *Microgravity Science and Technology*, **2005**, 16, 186-190	1.6	4
47	Results of the Facility for Adsorption and Surface Tension (FAST) experiments onboard STS-107, in the framework of the project FASES. *Microgravity Science and Technology*, **2005**, 16, 196-200	1.6	5
46	Adsorption properties of C10E8 at water/ hexane interface investigated onboard STS-107, by the FAST facility. *Microgravity Science and Technology*, **2005**, 16, 201-204	1.6	5
45	STS-107 OV-102 mission FAST experiment: Slow surface relaxation at the solution-air interface. *Microgravity Science and Technology*, **2005**, 16, 205-209	1.6	4
44	Rheological studies with spherically shaped thin liquid films. *Microgravity Science and Technology*, **2005**, 16, 215-218	1.6	2
43	Dynamic tensiometric characterization of espresso coffee beverage. *Food Hydrocolloids*, **2004**, 18, 387-393	10.6	31

42	Adsorption and surface rheology of n-dodecanol at the water/air interface. *Journal of Colloid and Interface Science*, **2004**, 272, 277-80	9.3	17
41	Rheological surface properties of C12DMPO solution as obtained from amplitude- and phase-frequency characteristics of an oscillating bubble system. *Journal of Colloid and Interface Science*, **2004**, 280, 498-505	9.3	35
40	Characterization of surfactant aggregates at solid–liquid surfaces by atomic force microscopy. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2004**, 249, 63-67	5.1	17
39	Numerical Analysis of Nonionic Surfactant Monolayers at Water/Air Interfaces. *Journal of Physical Chemistry B*, **2004**, 108, 13353-13363	3.4	10
38	Coalescence coupling with flocculation in dilute emulsions within the primary and/or secondary minimum. *Advances in Colloid and Interface Science*, **2003**, 100-102, 47-81	14.3	32
37	Surface Rheology Investigation of the 2-D Phase Transition in n-Dodecanol Monolayers at the Water–Air Interface. *Langmuir*, **2003**, 19, 10233-10240	4	23
36	Frequency characteristics of amplitude and phase of oscillating bubble systems in a closed measuring cell. *Journal of Colloid and Interface Science*, **2002**, 252, 433-42	9.3	42
35	Measurement of the surface dilational viscoelasticity of adsorbed layers with a capillary pressure tensiometer. *Journal of Colloid and Interface Science*, **2002**, 255, 225-35	9.3	58
34	Dynamic Surface Elasticity of Adsorption Layers in the Presence of a Surface Phase Transition from Monomers to Large Aggregates. *Langmuir*, **2002**, 18, 3592-3599	4	15
33	Oscillating Bubble and Drop Techniques. *Studies in Interface Science*, **2001**, 485-516		21
32	Drop and Bubble Shape Analysis as a Tool For Dilational Rheological Studies of Interfacial Layers. *Studies in Interface Science*, **2001**, 11, 439-483		85
31	Dynamic Elasticity of Adsorption Layers in the Presence of Internal Reorientation Processes. *Journal of Physical Chemistry B*, **2001**, 105, 195-203	3.4	28
30	Effect of surfactant interfacial orientation/aggregation on adsorption dynamics. *Advances in Colloid and Interface Science*, **2000**, 86, 83-101	14.3	47
29	Adsorption and partitioning of surfactants in liquid-liquid systems. *Advances in Colloid and Interface Science*, **2000**, 88, 129-77	14.3	111
28	Molecular orientation as a controlling process in adsorption dynamics. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2000**, 175, 51-60	5.1	36
27	Adsorption of n-alkyl polyoxyethylene glycol ethers at liquid-vapour and liquid-liquid interfaces **2000**, 222-226		2
26	Molecular reorientation in the adsorption of some CiEj at the water-air interface. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **1999**, 156, 455-463	5.1	37
25	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

24	Messung der dynamischen Grenzfl□chen-spannung im System w□ige Tensidl□sung/organisches L□sungsmittel. *Chemie-Ingenieur-Technik*, **1998**, 70, 89-99	0.8	3
23	Adsorption Properties of C10E8 at the Water□Hexane Interface. *Journal of Physical Chemistry B*, **1998**, 102, 10521-10527	3.4	47
22	Capillary pressure tensiometry and applications in microgravity. *Studies in Interface Science*, **1998**, 6, 239-278		13
21	Measurement of the Partition Coefficient of Surfactants in Water/Oil Systems. *Langmuir*, **1997**, 13, 4817-4820	4	66
20	Adsorption kinetics of alkyl phosphine oxides in water/alkane systems with transfer across the interface **1997**, 346-350		
19	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
18	Adsorption Kinetics of Alkylphosphine Oxides at Water/Hexane Interface. *Journal of Colloid and Interface Science*, **1997**, 186, 40-5	9.3	84
17	Adsorption Kinetics of Alkylphosphine Oxides at Water/Hexane Interface. *Journal of Colloid and Interface Science*, **1997**, 186, 46-52	9.3	73
16	Adsorption kinetics of alkyl phosphine oxides in water/alkane systems with transfer across the interface. *Progress in Colloid and Polymer Science*, **1997**, 105, 346-350		13
15	The capillary pressure method: A new tool for interfacial tension measurements **1996**, 175-185		5
14	A diffusion-based approach to mixed adsorption kinetics. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **1996**, 114, 351-359	5.1	103
13	Dynamic Interfacial Tension Measurements by a Capillary Pressure Method. *Journal of Colloid and Interface Science*, **1995**, 169, 226-237	9.3	60
12	Equilibrium Interfacial Tension of Hexane/Water plus Triton X-100. *Journal of Colloid and Interface Science*, **1995**, 169, 238-240	9.3	32
11	Sorption Kinetics at Liquid-Liquid Interfaces with the Surface-Active Component Soluble in Both Phases. *Journal of Colloid and Interface Science*, **1994**, 163, 309-314	9.3	32
10	Effects of magnetic and electric fields on surface tension of liquids. *Physica A: Statistical Mechanics and Its Applications*, **1994**, 206, 299-331	3.3	29
9	Sorption Kinetics Considered as a Renormalized Diffusion Process. *Journal of Colloid and Interface Science*, **1993**, 156, 109-116	9.3	77
8	M.I.T.E. maser-4 results: Interfacial tension measurement in microgravity and drop growth instabilities. *Advances in Space Research*, **1991**, 11, 59-68	2.4	4
7	A new experimental method for the measurement of the interfacial tension between immiscible fluids at zero bond number. *Journal of Colloid and Interface Science*, **1991**, 146, 152-162	9.3	59

6	Drop formation instabilities induced by entrapped gas bubbles. *Journal of Colloid and Interface Science*, **1990**, 140, 436-443	9.3	23
5	An automatic technique for measuring the surface tension of liquid metals. *High Temperature Technology*, **1989**, 7, 82-86		93
4	RANDOM RAIN SIMULATIONS OF DENDRITIC GROWTH **1986**, 279-282		3
3	Topics in surface structure and crystal growth. *Surface Science*, **1984**, 148, 212-224	1.8	3
2	Determination Of Interfacial Properties By The Pendant Drop Tensiometry: Optimisation Of Experimental And Calculation Procedures7-38		3
1	Rheology Of Surfactant Adsorption Layers137-177		4