

**Surfaces and Interfaces**

T. Pettersson, Z. Feldtö, P. M. Claesson, A. Dedinaite:	The Effect of Salt Concentration and Cation Valency on Interactions Between Mucin-Coated Hydrophobic Surfaces . . . . .	1
M. Maas, H. Rehage, H. Nebel, M. Epple:	Formation and Structure of Coherent, Ultra-thin Calcium Carbonate Films below Monolayers of Stearic Acid at the Oil/Water Interface . . . . .	11
H. Durchschlag, P. Zipper:	Volume, Surface and Hydration Properties of Proteins . . . . .	19
M. Kolasińska, R. Krastev, T. Gutberlet, P. Warszyński:	Swelling and Water Uptake of PAH/PSS Polyelectrolyte Multilayers . . . . .	30
L. Zhang, M. Kappl, G. K. Auernhammer, B. Ullrich, H.-J. Butt, D. Vollmer:	Surface-Induced Ordering of Liquid Crystal on Modified Surfaces . . . . .	39
J. Marqués-Hueso, H. J. Schöpe:	Regular Horizontal Patterning on Colloidal Crystals Produced by Vertical Deposition . . . . .	48

**New Experimental Methods**

E. Bonaccorso:	Microdrops Evaporating on AFM Cantilevers . . . . .	57
G. G. Badolato, F. Aguilar, H. P. Schuchmann, T. Sobisch, D. Lerche:	Evaluation of Long Term Stability of Model Emulsions by Multisample Analytical Centrifugation . . . . .	66
C. Oelschlaeger, N. Willenbacher, S. Naser:	Multiple-Particle Tracking (MPT) Measurements of Heterogeneities in Acrylic Thickener Solutions . . . . .	74

**Amphiphiles in Solution**

M. Vranceanu, K. Winkler, H. Nirschl, G. Leneweit:	Influence of the monolayers composition on bilayer formation during oblique drop impact on liquids . . . . .	80
E. Kettler, C. B. Müller, R. Klemp, M. Hloucha, T. Döring, W. von Rybinski, W. Richtering:	Polymer-Stabilized Emulsions: Influence of Emulsion Components on Rheological Properties and Droplet Size . . . . .	90

O. A. El Seoud, P. A. R. Pires:	FTIR and $^1\text{H}$ NMR Studies on the Structure of Water Solubilized by Reverse Aggregates of Dodecyltrimethylammonium Bromide; Didodecyldimethylammonium Bromide, and Their Mixtures in Organic Solvents .....	101
A. Song, K. Reizlein, H. Hoffmann:	Swelling of Aqueous $L_\alpha$ -Phases by Matching the Refractive Index of the Bilayers with that of the Mixed Solvent .....	111
<b>Nano-colloids</b>		
A. Musyanovych, K. Landfester:	Synthesis of Poly(butylcyanoacrylate) Nanocapsules by Interfacial Polymerization in Miniemulsions for the Delivery of DNA Molecules .....	120
C. Diehl, S. Fluegel, K. Fischer, M. Maskos:	Oligo-DNA Functionalized Polyorganosiloxane Nanoparticles .....	128
R. Messing, A. M. Schmidt:	Heat Transfer from Nanoparticles to the Continuum Matrix .....	134
S. Schachschal, A. Pich, H.-J. Adler:	Growth of Hydroxyapatite Nanocrystals in Aqueous Microgels .....	141
S. Lutter, J. Koetz, B. Tiersch, S. Kosmella:	Formation of Cadmium Sulfide Nanoparticles in Poly(ethylene Glycol)-Modified Microemulsions .....	149
	Author/Title Index .....	156
	Keyword Index .....	157