JÃ¼rgen KrÃ¤gel

List of Publications by Year
in descending order

21 papers	922 citations	623734 14 h-index	752698 20 g-index
21 all docs	21 docs citations	21 times ranked	949 citing authors

#	Article	IF	Citations
1	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.	2.1	6
2	Interfacial Dilational Viscoelasticity of Adsorption Layers at the Hydrocarbon/Water Interface: The Fractional Maxwell Model. Colloids and Interfaces, 2019, 3, 66.	2.1	1
3	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.	2.1	4
4	Experimental Approaches and Related Theories. Progress in Colloid and Interface Science, 2015, , 59-82.	0.0	0
5	Dynamics of Interfacial Layer Formation. Progress in Colloid and Interface Science, 2015, , 83-104.	0.0	1
6	Interfacial rheology of mixed layers of food proteins and surfactants. Current Opinion in Colloid and Interface Science, 2013, 18, 302-310.	7.4	78
7	Adsorption and Dilational Rheology of Mixed Î²-Casein/DoTAB Layers Formed by Sequential and Simultaneous Adsorption at the Water/Hexane Interface. Langmuir, 2013, 29, 2233-2241.	3.5	18
8	Interfacial Viscoelasticity of Myoglobin at Air/Water and Air/Solution Interfaces: Role of Folding and Clustering. Journal of Physical Chemistry B, 2012, 116, 895-902.	2.6	29
9	Mixed proteinâ€“surfactant adsorption layers formed in a sequential and simultaneous way at waterâ€“air and waterâ€“oil interfaces. Soft Matter, 2012, 8, 6057.	2.7	34
10	Adsorption of Proteinâˆ’Surfactant Complexes at the Water/Oil Interface. Langmuir, 2011, 27, 965-971.	3.5	45
11	Rheology of interfacial layers. Colloid and Polymer Science, 2010, 288, 937-950.	2.1	216
12	Interfacial shear rheology. Current Opinion in Colloid and Interface Science, 2010, 15, 246-255.	7.4	122
13	Adsorption of alkyl trimethylammonium bromides at the water/air and water/hexane interfaces. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2010, 371, 22-28.	4.7	51
14	Interfacial Properties of Mixed Î²-Lactoglobulinâˆ’SDS Layers at the Water/Air and Water/Oil Interface. Journal of Physical Chemistry B, 2009, 113, 745-751.	2.6	88
15	Competition between Lipases and Monoglycerides at Interfaces. Langmuir, 2008, 24, 7400-7407.	3.5	91
16	Surface shear rheological studies of marine phytoplankton culturesâ€”Nitzschia closterium, Thalassiosira rotula, Thalassiosira punctigera and Phaeocystis sp.. Colloids and Surfaces B: Biointerfaces, 2006, 47, 29-35.	5.0	10
17	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 0.01â€“0.32 Hz frequency range. Microgravity Science and Technology, 2006, 18, 100-103.	1.4	1
18	Perturbationâ€“response relationship in liquid interfacial systems: non-linearity assessment by frequencyâ€“domain analysis. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2005, 261, 57-63.	4.7	56

#	Article	IF	Citations
19	Oscillation of interfacial properties in liquid systems: assessment of harmonic distortion. Physical Chemistry Chemical Physics, 2004, 6, 1375-1379.	2.8	29
20	Consistency of surface mechanical properties of spread protein layers at the liquidâ€“air interface at different spreading conditions. Colloids and Surfaces B: Biointerfaces, 1999, 12, 391-397.	5.0	17
21	Surface rheology of adsorbed surfactants and proteins. Current Opinion in Colloid and Interface Science, 1997, 2, 578-583.	7.4	25