Olle SÃ¶derman

List of Publications by Year
in descending order

Version: 2024-02-01

46 papers	2,089 citations	257450 24 h-index	233421 45 g-index
47 all docs	47 docs citations	47 times ranked	2048 citing authors

#	Article	IF	Citations
1	Molecular Assembly in Block Copolymer-Surfactant Nanoparticle Dispersions: Information on Molecular Exchange and Apparent Solubility from High-Resolution and PFG NMR. Polymers, 2021, 13, 3265.	4.5	4
2	NMR Studies of Bicontinuous Liquid Crystalline Phases of Cubic Symmetry: Interpretation of Frequency-Dependent Relaxation Rates. Langmuir, 2020, 36, 5927-5934.	3.5	11
3	Intermolecular interactions play a role in the distribution and transport of charged contrast agents in a cartilage model. PLoS ONE, 2019, 14, e0215047.	2.5	0
4	Phase behavior in the biologically important oleic acid/sodium oleate/water system. Chemistry and Physics of Lipids, 2018, 211, 30-36.	3.2	33
5	NMR quantification of diffusional exchange in cell suspensions with relaxation rate differences between intra and extracellular compartments. PLoS ONE, 2017, 12, e0177273.	2.5	37
6	Effect of Oligomerization of Counterions on Water Activity in Aqueous Cationic Surfactant Systems. Journal of Physical Chemistry B, 2016, 120, 6961-6968.	2.6	4
7	Electrostatic interactions are important for the distribution of Gd(DTPA)^{2â^'} in articular cartilage. Magnetic Resonance in Medicine, 2016, 76, 500-509.	3.0	4
8	Do Cyclodextrins Aggregate in Water? Insights from NMR Experiments. Langmuir, 2015, 31, 6314-6320.	3.5	24
9	The formation of hostâ€“guest complexes between surfactants and cyclodextrins. Advances in Colloid and Interface Science, 2014, 205, 156-176.	14.7	163
10	Hyaluronic acidâ€“collagen network interactions during the dynamic compression and recovery of cartilage. Soft Matter, 2012, 8, 9906.	2.7	14
11	Investigations of vesicle gels by pulsed and modulated gradient NMR diffusion techniques. Soft Matter, 2011, 7, 3947.	2.7	5
12	Self-diffusion in polymer systems studied by magnetic field-gradient spin-echo NMR methods. Progress in Nuclear Magnetic Resonance Spectroscopy, 2010, 56, 406-425.	7.5	76
13	Some â€œReflectionsâ€•on the Effects of Finite Gradient Pulse Lengths in PGSE NMR Experiments in Restricted Systems. Israel Journal of Chemistry, 2010, 43, 25-32.	2.3	7
14	Multicomponent Interdiffusion and Self-Diffusion of the Cationic Poly{[9,9-bis(6â€²-N,N,N-trimethylammonium)hexyl]fluorene-phenylene} Dibromide in a Dimethyl Sulfoxide + Water Solution. Journal of Chemical & Engineering Data, 2010, 55, 1860-1866.	1.9	18
15	Titration of Fatty Acids Solubilized in Cationic and Anionic Micelles. Calorimetry and Thermodynamic Modeling. Journal of Physical Chemistry B, 2006, 110, 3288-3293.	2.6	23
16	Aggregate morphology and flow behaviour of micellar alkylglycoside solutions. Colloid and Polymer Science, 2005, 283, 1313-1320.	2.1	12
17	NMR studies of surfactants. Concepts in Magnetic Resonance Part A: Bridging Education and Research, 2004, 23A, 121-135.	0.5	144
18	Short range forces in surfactant systems. Specific ion-effects and ion competition. Current Opinion in Colloid and Interface Science, 2004, 9, 154-157.	7.4	11

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19	Surfactant/Nonionic Polymer Interaction. A NMR Diffusometry and NMR Electrophoretic Investigation. Langmuir, 2004, 20, 1138-1143.	3.5	70
20	Titration of Fatty Acids in Sugar-Derived (APG) Surfactants:Â A13C NMR Study of the Effect of Headgroup Size, Chain Length, and Concentration on Fatty Acid pKaat a Nonionic Micellar Interface. Journal of Physical Chemistry B, 2003, 107, 1001-1005.	2.6	29
21	Phase diagram and physicochemical properties of the n-octyl Î±-d-glucoside/water system. Physical Chemistry Chemical Physics, 2003, 5, 5262-5270.	2.8	29
22	Phase Diagram and Thermodynamics of the n-Octyl Î²-d-Glucoside/Water System. Journal of Physical Chemistry B, 2002, 106, 2910-2917.	2.6	50
23	Titration of Fatty Acids Solubilized in Cationic, Nonionic, and Anionic Micelles. Theory and Experiment. Journal of Physical Chemistry B, 2002, 106, 3515-3522.	2.6	51
24	Title is missing!. Cellulose, 2002, 9, 139-147.	4.9	63
25	Diffusion of Water Absorbed in Cellulose Fibers Studied with1H-NMR. Langmuir, 2001, 17, 2694-2702.	3.5	132
26	Microemulsions in the Didodecyldimethylammonium Sulfate (Bromide)/Hydrocarbon/Water System. Microstructure and Specific Counterion Effects. Langmuir, 2001, 17, 6794-6803.	3.5	25
27	A Structural Investigation of CaAOT/Water/Oil Microemulsions. Langmuir, 2000, 16, 442-450.	3.5	23
28	Variation in Degree of Counterion Binding to Cesium Perfluorooctanoate Micelles with Surfactant Concentration Studied by133Cs and19F NMR. Langmuir, 2000, 16, 318-323.	3.5	40
29	Internal Dynamics and Order Parameters in Surfactant Aggregates:Â A 2H NMR Study of Adsorption Layers and Bulk Phases. Langmuir, 2000, 16, 3971-3976.	3.5	15
30	Microstructure of Proteinâ^'Surfactant Complexes in Gel and SolutionAn NMR Relaxation Study. Langmuir, 1999, 15, 5480-5488.	3.5	27
31	Phase Separation and Aggregateâ^'Aggregate Interactions in the C9G1/C10G1Î²-Alkyl Glucosides/Water System. A Phase Diagram and NMR Self-Diffusion Study. Langmuir, 1998, 14, 6396-6402.	3.5	32
32	Phase Behavior and Characterization of Micellar and Cubic Phases in the Nonionic Surfactant CâŒ©17âŒªEâŒ©84âŒª/Water System. A PFG NMR, SAXS, Cryo-TEM, and Fluorescence Study. Langmuir, 1998, 14, 5730-5739.	3.5	28
33	Physicalâ^'Chemical Properties of C9G1 and C10G1 Î²-Alkylglucosides. Phase Diagrams and Aggregate Size/Structure. Langmuir, 1998, 14, 4050-4058.	3.5	80
34	An NMR Self-Diffusion Investigation of Aggregation Phenomena in Solutions of Ethyl(hydroxyethyl)cellulose. Macromolecules, 1998, 31, 4990-5002.	4.8	44
35	PFG-NMR Diffusion as a Method To Investigate the Equilibrium Adsorption Dynamics of Surfactants at the Solid/Liquid Interface. Journal of Physical Chemistry B, 1997, 101, 8237-8242.	2.6	67
36	Pulsed Field Gradient NMR Studies of Translational Diffusion in Cylindrical Surfactant Aggregates. Journal of Physical Chemistry B, 1997, 101, 9710-9716.	2.6	15

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37	Physicalâ^'Chemical Properties of then-Octyl Î²-d-Glucoside/Water System. A Phase Diagram, Self-Diffusion NMR, and SAXS Study. Langmuir, 1996, 12, 902-908.	3.5	155
38	Electroâ€osmosis: Velocity profiles in different geometries with both temporal and spatial resolution. Journal of Chemical Physics, 1996, 105, 10300-10311.	3.0	76
39	NMR studies of complex surfactant systems. Progress in Nuclear Magnetic Resonance Spectroscopy, 1994, 26, 445-482.	7.5	310
40	Ribbon phases in surfactant systems Comparisons between experimental results and predictions of a theoretical model. Liquid Crystals, 1994, 17, 157-177.	2.2	23
41	Correlation of resolution with frictional coefficients and pKa values in capillary electrophoresis of four diuretics: Determination of electric field strength and electroosmotic velocity. Journal of Separation Science, 1993, 5, 451-457.	1.0	16
42	Frequency dependent2H N.M.R. relaxation rates of small unilamellar phospholipid vesicles. Molecular Physics, 1990, 69, 379-383.	1.7	21
43	2H and 13C nuclear magnetic relaxation studies of the cubic liquid-crystalline phase I1 in the sodium octanoateâ€“octaneâ€“water system. Journal of the Chemical Society Faraday Transactions I, 1987, 83, 1515.	1.0	31
44	The interaction constants in 13C and 2H nuclear magnetic resonance relaxation studies. Journal of Magnetic Resonance, 1986, 68, 296-302.	0.5	10
45	Alkali counterion binding specificity in lamellar liquid crystals. Journal of Colloid and Interface Science, 1980, 78, 110-117.	9.4	17
46	The Structure of a Lyotropic Liquid Crystalline Phase that Orients in a Magnetic Field. Molecular Crystals and Liquid Crystals, 1980, 59, 121-136.	0.8	20