Werner Kunz

List of Publications by Year
in descending order

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290 papers	12,016 citations	23500 58 h-index	43802 91 g-index
305 all docs	305 docs citations	305 times ranked	10682 citing authors

#	Article	IF	Citations
1	Specific ion effects in colloidal and biological systems. Current Opinion in Colloid and Interface Science, 2010, 15, 34-39.	3.4	428
2	Hofmeister series and specific interactions of charged headgroups with aqueous ions. Advances in Colloid and Interface Science, 2009, 146, 42-47.	7.0	378
3	Relation between Dielectric and Low-Frequency Raman Spectra of Hydrogen-Bond Liquids. Physical Review Letters, 2005, 95, 197802.	2.9	291
4	The promotion of oriented axonal regrowth in the injured spinal cord by alginate-based anisotropic capillary hydrogels. Biomaterials, 2006, 27, 3560-9.	5.7	285
5	â€œBligh and Dyerâ€•and Folch Methods for Solidâ€“Liquidâ€“Liquid Extraction of Lipids from Microorganisms. Comprehension of Solvatation Mechanisms and towards Substitution with Alternative Solvents. International Journal of Molecular Sciences, 2017, 18, 708.	1.8	200
6	The Conductivity of Imidazolium-Based Ionic Liquids from (248 to 468) K. B. Variation of the Anion. Journal of Chemical & Engineering Data, 2010, 55, 1774-1778.	1.0	162
7	How to explain microemulsions formed by solvent mixtures without conventional surfactants. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 4260-4265.	3.3	160
8	Hofmeister Effects in Surface Tension of Aqueous Electrolyte Solution. Langmuir, 2005, 21, 2619-2623.	1.6	156
9	The Conductivity of Imidazolium-Based Ionic Liquids from (â^'35 to 195) Â°C. A. Variation of Cationâ€™s Alkyl Chain. Journal of Chemical & Engineering Data, 2010, 55, 1768-1773.	1.0	156
10	Is There an Anionic Hofmeister Effect on Water Dynamics? Dielectric Spectroscopy of Aqueous Solutions of NaBr, NaI, NaNO3, NaClO4, and NaSCN. Journal of Physical Chemistry A, 2005, 109, 8675-8683.	1.1	155
11	Osmotic Coefficients and Surface Tensions of Aqueous Electrolyte Solutions:â€‰ Role of Dispersion Forces. Journal of Physical Chemistry B, 2004, 108, 2398-2404.	1.2	149
12	Photocatalytic activation of alkyl chlorides by assembly-promoted single electron transfer in microheterogeneous solutions. Nature Catalysis, 2020, 3, 40-47.	16.1	148
13	Hydrotropes. Current Opinion in Colloid and Interface Science, 2016, 22, 99-107.	3.4	140
14	Specific Ion Effects at Protein Surfaces:Â A Molecular Dynamics Study of Bovine Pancreatic Trypsin Inhibitor and Horseradish Peroxidase in Selected Salt Solutions. Journal of Physical Chemistry B, 2006, 110, 7036-7043.	1.2	139
15	Some aspects of green solvents. Comptes Rendus Chimie, 2018, 21, 572-580.	0.2	138
16	Unified Concept of Solubilization in Water by Hydrotropes and Cosolvents. Langmuir, 2005, 21, 6769-6775.	1.6	135
17	Stabilization of Amorphous Calcium Carbonate in Inorganic Silica-Rich Environments. Journal of the American Chemical Society, 2010, 132, 17859-17866.	6.6	130
18	Microemulsions with an Ionic Liquid Surfactant and Room Temperature Ionic Liquids As Polar Pseudo-Phase. Journal of Physical Chemistry B, 2009, 113, 465-473.	1.2	125

#	Article	IF	Citations
19	Aggregates in mixtures of ionic liquids. Journal of Molecular Liquids, 2007, 130, 104-107.	2.3	123
20	Role of the surfactant headgroup on the counterion specificity in the micelle-to-vesicle transition through salt addition. Journal of Colloid and Interface Science, 2008, 319, 542-548.	5.0	122
21	The hype with ionic liquids as solvents. Chemical Physics Letters, 2016, 661, 6-12.	1.2	121
22	Conductance in electrolyte solutions using the mean spherical approximation. The Journal of Physical Chemistry, 1992, 96, 3833-3840.	2.9	116
23	Specific Alkali Cation Effects in the Transition from Micelles to Vesicles through Salt Addition. Langmuir, 2007, 23, 2376-2381.	1.6	113
24	Choline carboxylate surfactants: biocompatible and highly soluble in water. Green Chemistry, 2008, 10, 433.	4.6	111
25	Reversible Formation of Polymeric Chains by Coordination of Pentaphosphaferrocene with Silver(I) Cations. Angewandte Chemie - International Edition, 2006, 45, 5689-5693.	7.2	104
26	Specific Anion and Cation Binding to Lipid Membranes Investigated on a Solid Supported Membrane. Langmuir, 2007, 23, 10074-10080.	1.6	104
27	Colloidal Stabilization of Calcium Carbonate Prenucleation Clusters with Silica. Advanced Functional Materials, 2012, 22, 4301-4311.	7.8	103
28	Measuring and modeling aqueous electrolyte/amino-acid solutions with ePC-SAFT. Journal of Chemical Thermodynamics, 2014, 68, 1-12.	1.0	97
29	Emergence of surfactant-free micelles from ternary solutions. Chemical Science, 2014, 5, 2949-2954.	3.7	94
30	Dielectric spectroscopy of micelle hydration and dynamics in aqueous ionic surfactant solutions. Journal of Molecular Liquids, 2005, 118, 179-187.	2.3	93
31	Hofmeister specific-ion effects on enzyme activity and buffer pH: Horseradish peroxidase in citrate buffer. Journal of Molecular Liquids, 2006, 123, 14-19.	2.3	93
32	Specific Ion Effects. , 2009, , .		89
33	Dielectric Relaxation of Cationic Surfactants in Aqueous Solution. 1. Solvent Relaxation. Journal of Physical Chemistry B, 2001, 105, 2906-2913.	1.2	88
34	Propensity for the Air/Water Interface and Ion Pairing in Magnesium Acetate vs Magnesium Nitrate Solutions:Â Molecular Dynamics Simulations and Surface Tension Measurements. Journal of Physical Chemistry B, 2006, 110, 15939-15944.	1.2	86
35	Structure and Solubility in Surfactantâ€Free Microemulsions. ChemPhysChem, 2012, 13, 4116-4119.	1.0	84
36	Conductance in Associated Electrolytes Using the Mean Spherical Approximation. The Journal of Physical Chemistry, 1995, 99, 822-827.	2.9	82

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37	Hofmeister effect on enzymatic catalysis and colloidal structures. Current Opinion in Colloid and Interface Science, 2004, 9, 43-47.	3.4	82
38	Nonionic Surfactant Brij 35 in Water and in Various Simple Alcohols:Â Structural Investigations by Small-Angle X-ray Scattering and Dynamic Light Scattering. Journal of Physical Chemistry B, 2004, 108, 7021-7032.	1.2	82
39	Low-melting mixtures based on choline ionic liquids. Physical Chemistry Chemical Physics, 2014, 16, 22815-22822.	1.3	80
40	Correspondence between Curvature, Packing Parameter, and Hydrophilicâ^'Lipophilic Deviation Scales around the Phase-Inversion Temperature. Langmuir, 2009, 25, 112-115.	1.6	79
41	Short chain glycerol 1-monoethersâ€"a new class of green solvo-surfactants. Green Chemistry, 2006, 8, 822-830.	4.6	77
42	Octanol-rich and water-rich domains in dynamic equilibrium in the pre-ouzo region of ternary systems containing a hydrotrope. Journal of Applied Crystallography, 2013, 46, 1665-1669.	1.9	76
43	The green platform molecule gamma-valerolactone â€“ ecotoxicity, biodegradability, solvent properties, and potential applications. Green Chemistry, 2021, 23, 2962-2976.	4.6	76
44	Using ionic liquids to formulate microemulsions: Current state of affairs. Current Opinion in Colloid and Interface Science, 2012, 17, 205-211.	3.4	73
45	Determining the cytotoxicity of catanionic surfactant mixtures on HeLa cells. Colloids and Surfaces B: Biointerfaces, 2009, 70, 278-280.	2.5	72
46	Hofmeister Effects in Biology:â€‰ Effect of Choline Addition on the Salt-Induced Super Activity of Horseradish Peroxidase and Its Implication for Salt Resistance of Plants. Journal of Physical Chemistry B, 2005, 109, 16511-16514.	1.2	71
47	Ternary systems of nonionic surfactant Brij 35, water and various simple alcohols: Structural investigations by small-angle X-ray scattering and dynamic light scattering. Journal of Colloid and Interface Science, 2006, 294, 194-211.	5.0	70
48	Ion specificity of the zeta potential of Î±-alumina, and of the adsorption of p-hydroxybenzoate at the Î±-aluminaâ€“water interface. Journal of Colloid and Interface Science, 2010, 344, 482-491.	5.0	70
49	Solubilization and extraction of curcumin from Curcuma Longa using green, sustainable, and food-approved surfactant-free microemulsions. Food Chemistry, 2021, 336, 127660.	4.2	69
50	Dielectric relaxation spectroscopy of aqueous amino acid solutions: dynamics and interactions in aqueous glycine. Journal of Molecular Liquids, 2005, 117, 93-98.	2.3	66
51	Dielectric Relaxation of Cationic Surfactants in Aqueous Solution. 2. Solute Relaxation. Journal of Physical Chemistry B, 2001, 105, 2914-2922.	1.2	65
52	Conditions for and characteristics of nonaqueous micellar solutions and microemulsions with ionic liquids. Soft Matter, 2011, 7, 5507.	1.2	65
53	Increasing capillary diameter and the incorporation of gelatin enhance axon outgrowth in alginate-based anisotropic hydrogels. Acta Biomaterialia, 2011, 7, 2826-2834.	4.1	65
54	Lignin/Chitin Films and Their Adsorption Characteristics for Heavy Metal Ions. ACS Sustainable Chemistry and Engineering, 2018, 6, 6965-6973.	3.2	64

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55	Effects of Nonionic Surfactant C12E5 on the Cooperative Dynamics of Water. Langmuir, 2006, 22, 924-932.	1.6	63
56	Self-diffusion in electrolyte solutions using the mean spherical approximation. The Journal of Physical Chemistry, 1992, 96, 398-403.	2.9	62
57	Spectroscopic Studies of Catanionic Reverse Microemulsion: Correlation with the Superactivity of Horseradish Peroxidase Enzyme in a Restricted Environment. Journal of Physical Chemistry B, 2008, 112, 6620-6628.	1.2	62
58	Ultrasonic Velocities, Densities, Viscosities, Electrical Conductivities, Raman Spectra, and Molecular Dynamics Simulations of Aqueous Solutions of Mg(OAc)2and Mg(NO3)2:Â Hofmeister Effects and Ion Pair Formation. Journal of Physical Chemistry B, 2005, 109, 24108-24120.	1.2	61
59	Molecular Hydrophobic Attraction and Ion-Specific Effects Studied by Molecular Dynamics. Langmuir, 2008, 24, 1271-1283.	1.6	61
60	Ionic Liquids in Microemulsionsâ€"A Concept To Extend the Conventional Thermal Stability Range of Microemulsions. Chemistry - A European Journal, 2010, 16, 783-786.	1.7	61
61	The investigation of the influence of water and temperature on the LiCl/DMAc/cellulose system. Physical Chemistry Chemical Physics, 2003, 5, 1842-1847.	1.3	60
62	Vapor-Pressure Measurements of Liquid Solutions at Different Temperatures:â€‰ Apparatus for Use over an Extended Temperature Range and Some New Data. Journal of Chemical & Engineering Data, 2004, 49, 607-612.	1.0	60
63	Specific ion effects in liquids, in biological systems, and at interfaces. Pure and Applied Chemistry, 2006, 78, 1611-1617.	0.9	60
64	Propensity of Formate, Acetate, Benzoate, and Phenolate for the Aqueous Solution/Vapor Interface:â€‰ Surface Tension Measurements and Molecular Dynamics Simulations. Journal of Physical Chemistry C, 2007, 111, 8242-8247.	1.5	59
65	Inert Phosphorescent Nanospheres as Markers for Optical Assays. Bioconjugate Chemistry, 2001, 12, 883-889.	1.8	58
66	Antioxidant activity of hydro distillation water residues from Rosmarinus officinalis L. leaves determined by DPPH assays. Comptes Rendus Chimie, 2016, 19, 754-765.	0.2	57
67	Toward surfactant-free and water-free microemulsions. Journal of Colloid and Interface Science, 2015, 453, 186-193.	5.0	56
68	Water Activity and Osmotic Coefficients in Solutions of Glycine, Glutamic Acid, Histidine and their Salts at 298.15 K and 310.15ÂK. Journal of Solution Chemistry, 2007, 36, 651-672.	0.6	55
69	Solubilisation of stearic acid by the organic base choline hydroxide. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2009, 338, 129-134.	2.3	54
70	Formation and Evolution of Chemical Gradients and Potential Differences Across Selfâ€Assembling Inorganic Membranes. Angewandte Chemie - International Edition, 2012, 51, 4317-4321.	7.2	54
71	Micelle and Solvent Relaxation in Aqueous Sodium Dodecylsulfate Solutions. ChemPhysChem, 2003, 4, 1065-1072.	1.0	53
72	The impact of the structuring of hydrotropes in water on the mesoscale solubilisation of a third hydrophobic component. Physical Chemistry Chemical Physics, 2017, 19, 1806-1816.	1.3	53

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73	MSA-NRTL model for the description of the thermodynamic properties of electrolyte solutions. Physical Chemistry Chemical Physics, 2002, 4, 4435-4443.	1.3	52
74	Transition of cellulose crystalline structure in biodegradable mixtures of renewably-sourced levulinate alkyl ammonium ionic liquids, Î³-valerolactone and water. Green Chemistry, 2014, 16, 2463-2471.	4.6	52
75	Effect of the Chain Length on the Inter- and Intramolecular Dynamics of Liquid Oligo(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 1	1.2	51
76	Alkali Metal Oligoether Carboxylatesâ€"A New Class of Ionic Liquids. Chemistry - A European Journal, 2009, 15, 1341-1345.	1.7	51
77	Choline alkylsulfates â€“ New promising green surfactants. Journal of Colloid and Interface Science, 2013, 392, 274-280.	5.0	51
78	Biodegradability and cytotoxicity of choline soaps on human cell lines: effects of chain length and the cation. RSC Advances, 2013, 3, 23347.	1.7	51
79	Inorganic Self-Organized Silica Aragonite Biomorphic Composites. Crystal Growth and Design, 2008, 8, 1515-1521.	1.4	50
80	Small angle neutron scattering of D2Oâ€"Brij 35 and D2Oâ€"alcoholâ€"Brij 35 solutions and their modelling using the Percusâ€"Yevick integral equation. Physical Chemistry Chemical Physics, 1999, 1, 3321-3329.	1.3	48
81	Specific Ion Adsorption and Surface Forces in Colloid Science. Journal of Physical Chemistry B, 2008, 112, 1580-1585.	1.2	48
82	Ethylammonium nitrate in high temperature stable microemulsions. Journal of Colloid and Interface Science, 2010, 347, 227-232.	5.0	48
83	Correlation between polarity parameters and dielectric properties of [Na][TOTO]â€"a sodium ionic liquid. Physical Chemistry Chemical Physics, 2010, 12, 14341.	1.3	48
84	Mineralization of CaCO3 in the Presence of Egg White Lysozyme. Langmuir, 2007, 23, 12269-12274.	1.6	47
85	Hydrotrope-Induced Inversion of Salt Effects on the Cloud Point of an Extended Surfactant. Langmuir, 2011, 27, 4403-4411.	1.6	47
86	Magnetic microemulsions based on magnetic ionic liquids. Physical Chemistry Chemical Physics, 2012, 14, 15355.	1.3	47
87	Biocatalysis using lipase encapsulated in microemulsion-based organogels in supercritical carbon dioxide. Journal of Supercritical Fluids, 2006, 36, 182-193.	1.6	46
88	Co-precipitation of silica and alkaline-earth carbonates using TEOS as silica source. Journal of Crystal Growth, 2007, 306, 152-158.	0.7	46
89	Beyond Biomineralization. Science, 2009, 323, 344-345.	6.0	46
90	Oligoether Carboxylates: Task-Specific Room-Temperature Ionic Liquids. Journal of Physical Chemistry B, 2011, 115, 8961-8969.	1.2	45

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91	Effect of Salts on the Phase Behavior and the Stability of Nano-Emulsions with Rapeseed Oil and an Extended Surfactant. Langmuir, 2012, 28, 8318-8328.	1.6	44
92	Effect of choline carboxylate ionic liquids on biological membranes. Colloids and Surfaces B: Biointerfaces, 2014, 123, 575-581.	2.5	44
93	Ex Situ Reconstitution of the Plant Biopolyester Suberin as a Film. Biomacromolecules, 2014, 15, 1806-1813.	2.6	44
94	Salting-out and salting-in effects of organic compounds and applications of the salting-out effect of Pentasodium phytate in different extraction processes. Journal of Molecular Liquids, 2017, 236, 368-375.	2.3	44
95	Classification of Organic Solvents Revisited by Using the COSMOâ€RS Approach. Chemistry - A European Journal, 2011, 17, 5155-5164.	1.7	43
96	Vapor Pressures and Osmotic Coefficients of Aqueous Solutions of SDS, C6TAB, and C8TAB at 25 Â°C. Langmuir, 2003, 19, 8226-8229.	1.6	42
97	Horseradish Peroxidase Activity in a Reverse Catanionic Microemulsion. Langmuir, 2005, 21, 5259-5262.	1.6	42
98	The extension of microemulsion regions by combining ethanol with other cosurfactants. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2013, 427, 95-100.	2.3	42
99	Unveiling the dual role of the cholinium hexanoate ionic liquid as solvent and catalyst in suberin depolymerisation. RSC Advances, 2014, 4, 2993-3002.	1.7	42
100	Ion-specific thermodynamics of multicomponent electrolytes: A hybrid HNC/MD approach. Journal of Chemical Physics, 2009, 131, 154109.	1.2	41
101	Growth Behavior and Kinetics of Selfâ€Assembled Silicaâ€“Carbonate Biomorphs. Chemistry - A European Journal, 2012, 18, 2272-2282.	1.7	40
102	Nanoâ€droplet formation in fragrance tinctures. Flavour and Fragrance Journal, 2013, 28, 294-299.	1.2	40
103	Hofmeister versus Neuberg: is ATP really a biological hydrotrope?. Cell Reports Physical Science, 2021, 2, 100343.	2.8	40
104	Influence of electrolytes on liquid-liquid equilibria of water/1-butanol and on the partitioning of 5-hydroxymethylfurfural in water/1-butanol. Fluid Phase Equilibria, 2016, 428, 102-111.	1.4	39
105	Vapor pressures, osmotic and activity coefficients for (LiBr+acetonitrile) between the temperatures (298.15 and 343.15) K. Journal of Chemical Thermodynamics, 2004, 36, 511-517.	1.0	38
106	Vapor Pressures of Propylene Carbonate andN,N-Dimethylacetamide. Journal of Chemical & Engineering Data, 2005, 50, 26-28.	1.0	38
107	Effective Insect Repellent Formulation in both Surfactantless and Classical Microemulsions with a Longâ€Lasting Protection for Human Beings. Chemistry and Biodiversity, 2009, 6, 934-947.	1.0	38
108	The effect of silica on polymorphic precipitation of calcium carbonate: an on-line energy-dispersive X-ray diffraction (EDXRD) study. Nanoscale, 2013, 5, 7054.	2.8	38

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109	Temperature dependence of industrial propylene glycol alkyl ether/water mixtures. Journal of Molecular Liquids, 2004, 115, 23-28.	2.3	37
110	Weak Micelle-Like Aggregation in Ternary Liquid Mixtures as Revealed by Conductivity, Surface Tension, and Light Scattering. Journal of Physical Chemistry B, 2015, 119, 9933-9939.	1.2	37
111	Morphologies Observed in Ultraflexible Microemulsions with and without the Presence of a Strong Acid. ACS Central Science, 2016, 2, 467-475.	5.3	37
112	Spontaneous Formation of Bilayers and Vesicles in Mixtures of Single-Chain Alkyl Carboxylates: Effect of pH and Aging and Cytotoxicity Studies. Langmuir, 2008, 24, 9983-9988.	1.6	36
113	Eco-solvents â€“ cluster-formation, surfactantless microemulsions and facilitated hydrotropy. Physical Chemistry Chemical Physics, 2013, 15, 10971.	1.3	36
114	Intrinsic and extrinsic determinants of central nervous system axon outgrowth into alginate-based anisotropic hydrogels. Acta Biomaterialia, 2015, 27, 131-139.	4.1	36
115	Cellulose and chitin composite materials from an ionic liquid and a green co-solvent. Carbohydrate Polymers, 2018, 192, 159-165.	5.1	36
116	Molecular factors governing the viscosity peak of giant micelles in the presence of salt and fragrances. Journal of Colloid and Interface Science, 2019, 537, 682-693.	5.0	36
117	Influence of additives on the structure of surfactant-free microemulsions. Physical Chemistry Chemical Physics, 2015, 17, 32528-32538.	1.3	34
118	Inclusion of Ionic Hydration and Association in the MSA-NRTL Model for a Description of the Thermodynamic Properties of Aqueous Ionic Solutions:Â Application to Solutions of Associating Acids. Industrial & Engineering Chemistry Research, 2006, 45, 4345-4354.	1.8	33
119	Spontaneous Vesicle Formation of an Industrial Single-Chain Surfactant at Acidic pH and at Room-Temperature. ChemPhysChem, 2006, 7, 1892-1896.	1.0	33
120	Similarity of Salt Influences on the pH of Buffers, Polyelectrolytes, and Proteins. Journal of Physical Chemistry B, 2006, 110, 8870-8876.	1.2	32
121	Vapor Pressures and Osmotic Coefficients of Aqueous LiOH Solutions at Temperatures Ranging from 298.15 to 363.15 K. Industrial & Engineering Chemistry Research, 2005, 44, 3807-3814.	1.8	30
122	Repellent studies with Aedes aegypti mosquitoes and human olfactory tests on 19 essential oils from Corsica, France. Flavour and Fragrance Journal, 2009, 24, 160-169.	1.2	30
123	Highly water dilutable green microemulsions. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2014, 442, 105-110.	2.3	30
124	Salting-in and salting-out effects of short amphiphilic molecules: a balance between specific ion effects and hydrophobicity. Physical Chemistry Chemical Physics, 2021, 23, 1381-1391.	1.3	30
125	The influence of structure and composition of a reverse SDS microemulsion on enzymatic activities and electrical conductivities. Journal of Colloid and Interface Science, 2005, 292, 244-254.	5.0	29
126	Isobaric vapourâ€“liquid equilibria of binary 1-propoxy-2-propanol mixtures with water and alcohols at reduced pressure. Fluid Phase Equilibria, 2008, 272, 84-92.	1.4	29

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127	Additive-induced morphological tuning of self-assembled silicaâ€“barium carbonate crystal aggregates. Journal of Crystal Growth, 2009, 311, 2530-2541.	0.7	29
128	Diffusion and precipitation processes in iron-based silica gardens. Physical Chemistry Chemical Physics, 2016, 18, 24850-24858.	1.3	29
129	Optimising the biodiesel production process: Implementation of glycerol derivatives into biofuel formulations and their potential to form hydrofuels. Fuel, 2020, 264, 116695.	3.4	29
130	Vapor Pressures, Osmotic and Activity Coefficients of Electrolytes in Protic Solvents at Different Temperatures. 2. Lithium Bromide in Ethanol. Journal of Solution Chemistry, 2004, 33, 1429-1446.	0.6	28
131	Phase Behavior of an Extended Surfactant in Water and a Detailed Characterization of the Concentrated Phases. Langmuir, 2010, 26, 16871-16883.	1.6	28
132	Aqueous phase behaviour of choline carboxylate surfactantsâ€”exceptional variety and extent of cubic phases. Soft Matter, 2011, 7, 6973.	1.2	28
133	Thermotropic Phase Behavior of Choline Soaps. Journal of Physical Chemistry B, 2011, 115, 3838-3847.	1.2	28
134	Properties of sugar-based low-melting mixtures. Molecular Physics, 2014, 112, 1241-1245.	0.8	28
135	Vapor Pressures, Osmotic and Activity Coefficients of Electrolytes in Protic Solvents at Different Temperatures. 3. Lithium Bromide in 2-Propanol. Journal of Solution Chemistry, 2005, 34, 9-24.	0.6	27
136	[emim][etSO₄] as the Polar Phase in Low-Temperature-Stable Microemulsions. Langmuir, 2011, 27, 1635-1642.	1.6	27
137	Consistent definitions of â€œthe interfaceâ€•in surfactant-free micellar aggregates. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2015, 480, 222-227.	2.3	27
138	Curcumin extracts from Curcuma Longa â€“ Improvement of concentration, purity, and stability in food-approved and water-soluble surfactant-free microemulsions. Food Chemistry, 2021, 339, 128140.	4.2	27
139	Adsorption and Desorption of Polymer/Surfactant Mixtures at Solidâ^'Liquid Interfaces:Â Substitution Experiments. Langmuir, 2004, 20, 8114-8123.	1.6	26
140	Hofmeister Ion Effects on the Phase Diagrams of Water-Propylene Glycol Propyl Ethers. Zeitschrift Fur Physikalische Chemie, 2004, 218, 631-641.	1.4	26
141	Biodiesel, a sustainable oil, in high temperature stable microemulsions containing a room temperature ionic liquid as polar phase. Energy and Environmental Science, 2010, 3, 846.	15.6	26
142	Microemulsions with renewable feedstock oils. Green Chemistry, 2012, 14, 2017.	4.6	26
143	Local autocatalytic co-precipitation phenomena in self-assembled silicaâ€“carbonate materials. Journal of Colloid and Interface Science, 2012, 380, 1-7.	5.0	26
144	A renaissance of soaps? â€” How to make clear and stable solutions at neutral pH and room temperature. Advances in Colloid and Interface Science, 2016, 236, 28-42.	7.0	26

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145	NADES-based surfactant-free microemulsions for solubilization and extraction of curcumin from Curcuma Longa. Food Chemistry, 2021, 355, 129624.	4.2	26
146	Co-Ion and Ion Competition Effects:â€‰ Ion Distributions Close to a Hydrophobic Solid Surface in Mixed Electrolyte Solutions. Langmuir, 2008, 24, 3944-3948.	1.6	25
147	Hollow SiO2 Microspheres Produced by Coating Yeast Cells. Crystal Growth and Design, 2009, 9, 2318-2323.	1.4	25
148	Bottom-Up Self-Assembly of Amorphous Coreâ€“Shellâ€“Shell Nanoparticles and Biomimetic Crystal Forms in Inorganic Silicaâ€“Carbonate Systems. Chemistry of Materials, 2013, 25, 1842-1851.	3.2	25
149	Adsorption Pattern of Mixtures of Trimethylammonium-Modified Hydroxyethylcellulose and Sodium Dodecyl Sulfate at Solidâˆ’Liquid Interfaces. Langmuir, 2004, 20, 2282-2291.	1.6	24
150	Probing local pH-based precipitation processes in self-assembled silica-carbonate hybrid materials. Nanoscale, 2015, 7, 17434-17440.	2.8	24
151	Weak aggregation: State of the art, expectations and open questions. Current Opinion in Colloid and Interface Science, 2016, 22, 113-119.	3.4	24
152	Enzyme activity of horseradish peroxidase in surfactant-free microemulsions. Journal of Colloid and Interface Science, 2018, 516, 466-475.	5.0	24
153	Vapor Pressures, Osmotic and Activity Coefficients of Electrolytes in Protic Solvents at Different Temperatures. 1. Lithium Bromide in Methanol. Journal of Solution Chemistry, 2004, 33, 227-245.	0.6	23
154	Synthesis and Electrochemical Properties of Some Lithium Chelatophosphates. Journal of the Electrochemical Society, 2003, 150, A994.	1.3	22
155	Automated apparatus for the rapid determination of liquidâ€“liquid and solidâ€“liquid phase transitions. Fluid Phase Equilibria, 2004, 216, 175-182.	1.4	22
156	Role of polarizability in molecular interactions in ion solvation. Current Opinion in Colloid and Interface Science, 2004, 9, 92-96.	3.4	22
157	Thermophysical and bionotox properties of solvo-surfactants based on ethylene oxide, propylene oxide and glycerol. Green Chemistry, 2007, 9, 491.	4.6	22
158	Anion specificity influencing morphology in catanionic surfactant mixtures with an excess of cationic surfactant. Comptes Rendus Chimie, 2009, 12, 30-37.	0.2	22
159	Phase Behavior of an Extended Surfactant in Water and a Detailed Characterization of the Dilute and Semidilute Phases. Langmuir, 2010, 26, 5435-5443.	1.6	22
160	Spontaneous Ouzo Emulsions Coexist with Pre-Ouzo Ultraflexible Microemulsions. Langmuir, 2021, 37, 3817-3827.	1.6	22
161	Catanionic Micelles As a Model to Mimic Biological Membranes in the Presence of Anesthetic Alcohols. Langmuir, 2009, 25, 12516-12521.	1.6	21
162	Green synthesis of para-Menthane-3,8-diol from Eucalyptus citriodora: Application for repellent products. Comptes Rendus Chimie, 2011, 14, 629-635.	0.2	21

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163	Biooxidation ofn-hexanol by alcohol oxidase and catalase in biphasic and micellar systems without solvent. Biotechnology and Bioengineering, 2003, 81, 27-32.	1.7	20
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