Werner Kunz

List of Publications by Year
in descending order

291 papers	12,016 citations	23567 58 h-index	43889 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.	7.4	428
2	Hofmeister series and specific interactions of charged headgroups with aqueous ions. Advances in Colloid and Interface Science, 2009, 146, 42-47.	14.7	378
3	Relation between Dielectric and Low-Frequency Raman Spectra of Hydrogen-Bond Liquids. Physical Review Letters, 2005, 95, 197802.	7.8	291
4	The promotion of oriented axonal regrowth in the injured spinal cord by alginate-based anisotropic capillary hydrogels. Biomaterials, 2006, 27, 3560-9.	11.4	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.	4.1	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.	1.9	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.	7.1	160
8	Hofmeister Effects in Surface Tension of Aqueous Electrolyte Solution. Langmuir, 2005, 21, 2619-2623.	3.5	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.	1.9	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.	2.5	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.	2.6	149
12	Photocatalytic activation of alkyl chlorides by assembly-promoted single electron transfer in microheterogeneous solutions. Nature Catalysis, 2020, 3, 40-47.	34.4	148
13	Hydrotropes. Current Opinion in Colloid and Interface Science, 2016, 22, 99-107.	7.4	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.	2.6	139
15	Some aspects of green solvents. Comptes Rendus Chimie, 2018, 21, 572-580.	0.5	138
16	Unified Concept of Solubilization in Water by Hydrotropes and Cosolvents. Langmuir, 2005, 21, 6769-6775.	3.5	135
17	Stabilization of Amorphous Calcium Carbonate in Inorganic Silica-Rich Environments. Journal of the American Chemical Society, 2010, 132, 17859-17866.	13.7	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.	2.6	125

#	Article	IF	Citations
19	Aggregates in mixtures of ionic liquids. Journal of Molecular Liquids, 2007, 130, 104-107.	4.9	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.	9.4	122
21	The hype with ionic liquids as solvents. Chemical Physics Letters, 2016, 661, 6-12.	2.6	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.	3.5	113
24	Choline carboxylate surfactants: biocompatible and highly soluble in water. Green Chemistry, 2008, 10, 433.	9.0	111
25	Reversible Formation of Polymeric Chains by Coordination of Pentaphosphaferrocene with Silver(I) Cations. Angewandte Chemie - International Edition, 2006, 45, 5689-5693.	13.8	104
26	Specific Anion and Cation Binding to Lipid Membranes Investigated on a Solid Supported Membrane. Langmuir, 2007, 23, 10074-10080.	3.5	104
27	Colloidal Stabilization of Calcium Carbonate Prenucleation Clusters with Silica. Advanced Functional Materials, 2012, 22, 4301-4311.	14.9	103
28	Measuring and modeling aqueous electrolyte/amino-acid solutions with ePC-SAFT. Journal of Chemical Thermodynamics, 2014, 68, 1-12.	2.0	97
29	Emergence of surfactant-free micelles from ternary solutions. Chemical Science, 2014, 5, 2949-2954.	7.4	94
30	Dielectric spectroscopy of micelle hydration and dynamics in aqueous ionic surfactant solutions. Journal of Molecular Liquids, 2005, 118, 179-187.	4.9	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.	4.9	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.	2.6	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.	2.6	86
35	Structure and Solubility in Surfactantâ€Free Microemulsions. ChemPhysChem, 2012, 13, 4116-4119.	2.1	84
36	Conductance in Associated Electrolytes Using the Mean Spherical Approximation. The Journal of Physical Chemistry, 1995, 99, 822-827.	2.9	82

#	Article	IF	Citations
37	Hofmeister effect on enzymatic catalysis and colloidal structures. Current Opinion in Colloid and Interface Science, 2004, 9, 43-47.	7.4	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.	2.6	82
39	Low-melting mixtures based on choline ionic liquids. Physical Chemistry Chemical Physics, 2014, 16, 22815-22822.	2.8	80
40	Correspondence between Curvature, Packing Parameter, and Hydrophilicâ^'Lipophilic Deviation Scales around the Phase-Inversion Temperature. Langmuir, 2009, 25, 112-115.	3.5	79
41	Short chain glycerol 1-monoethersâ€"a new class of green solvo-surfactants. Green Chemistry, 2006, 8, 822-830.	9.0	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.	4.5	76
43	The green platform molecule gamma-valerolactone â€“ ecotoxicity, biodegradability, solvent properties, and potential applications. Green Chemistry, 2021, 23, 2962-2976.	9.0	76
44	Using ionic liquids to formulate microemulsions: Current state of affairs. Current Opinion in Colloid and Interface Science, 2012, 17, 205-211.	7.4	73
45	Determining the cytotoxicity of catanionic surfactant mixtures on HeLa cells. Colloids and Surfaces B: Biointerfaces, 2009, 70, 278-280.	5.0	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.	2.6	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.	9.4	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.	9.4	70
49	Solubilization and extraction of curcumin from Curcuma Longa using green, sustainable, and food-approved surfactant-free microemulsions. Food Chemistry, 2021, 336, 127660.	8.2	69
50	Dielectric relaxation spectroscopy of aqueous amino acid solutions: dynamics and interactions in aqueous glycine. Journal of Molecular Liquids, 2005, 117, 93-98.	4.9	66
51	Dielectric Relaxation of Cationic Surfactants in Aqueous Solution. 2. Solute Relaxation. Journal of Physical Chemistry B, 2001, 105, 2914-2922.	2.6	65
52	Conditions for and characteristics of nonaqueous micellar solutions and microemulsions with ionic liquids. Soft Matter, 2011, 7, 5507.	2.7	65
53	Increasing capillary diameter and the incorporation of gelatin enhance axon outgrowth in alginate-based anisotropic hydrogels. Acta Biomaterialia, 2011, 7, 2826-2834.	8.3	65
54	Lignin/Chitin Films and Their Adsorption Characteristics for Heavy Metal Ions. ACS Sustainable Chemistry and Engineering, 2018, 6, 6965-6973.	6.7	64

#	Article	IF	Citations
55	Effects of Nonionic Surfactant C12E5 on the Cooperative Dynamics of Water. Langmuir, 2006, 22, 924-932.	3.5	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.	2.6	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.	2.6	61
59	Molecular Hydrophobic Attraction and Ion-Specific Effects Studied by Molecular Dynamics. Langmuir, 2008, 24, 1271-1283.	3.5	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.	3.3	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.	2.8	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.	1.9	60
63	Specific ion effects in liquids, in biological systems, and at interfaces. Pure and Applied Chemistry, 2006, 78, 1611-1617.	1.9	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.	3.1	59
65	Inert Phosphorescent Nanospheres as Markers for Optical Assays. Bioconjugate Chemistry, 2001, 12, 883-889.	3.6	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.	0.5	57
67	Toward surfactant-free and water-free microemulsions. Journal of Colloid and Interface Science, 2015, 453, 186-193.	9.4	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.	1.2	55
69	Solubilisation of stearic acid by the organic base choline hydroxide. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2009, 338, 129-134.	4.7	54
70	Formation and Evolution of Chemical Gradients and Potential Differences Across Selfâ€Assembling Inorganic Membranes. Angewandte Chemie - International Edition, 2012, 51, 4317-4321.	13.8	54
71	Micelle and Solvent Relaxation in Aqueous Sodium Dodecylsulfate Solutions. ChemPhysChem, 2003, 4, 1065-1072.	2.1	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.	2.8	53

#	Article	IF	Citations
73	MSA-NRTL model for the description of the thermodynamic properties of electrolyte solutions. Physical Chemistry Chemical Physics, 2002, 4, 4435-4443.	2.8	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.	9.0	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	2.6	51
76	Alkali Metal Oligoether Carboxylatesâ€"A New Class of Ionic Liquids. Chemistry - A European Journal, 2009, 15, 1341-1345.	3.3	51
77	Choline alkylsulfates â€“ New promising green surfactants. Journal of Colloid and Interface Science, 2013, 392, 274-280.	9.4	51
78	Biodegradability and cytotoxicity of choline soaps on human cell lines: effects of chain length and the cation. RSC Advances, 2013, 3, 23347.	3.6	51
79	Inorganic Self-Organized Silica Aragonite Biomorphic Composites. Crystal Growth and Design, 2008, 8, 1515-1521.	3.0	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.	2.8	48
81	Specific Ion Adsorption and Surface Forces in Colloid Science. Journal of Physical Chemistry B, 2008, 112, 1580-1585.	2.6	48
82	Ethylammonium nitrate in high temperature stable microemulsions. Journal of Colloid and Interface Science, 2010, 347, 227-232.	9.4	48
83	Correlation between polarity parameters and dielectric properties of [Na][TOTO]â€"a sodium ionic liquid. Physical Chemistry Chemical Physics, 2010, 12, 14341.	2.8	48
84	Mineralization of CaCO3 in the Presence of Egg White Lysozyme. Langmuir, 2007, 23, 12269-12274.	3.5	47
85	Hydrotrope-Induced Inversion of Salt Effects on the Cloud Point of an Extended Surfactant. Langmuir, 2011, 27, 4403-4411.	3.5	47
86	Magnetic microemulsions based on magnetic ionic liquids. Physical Chemistry Chemical Physics, 2012, 14, 15355.	2.8	47
87	Biocatalysis using lipase encapsulated in microemulsion-based organogels in supercritical carbon dioxide. Journal of Supercritical Fluids, 2006, 36, 182-193.	3.2	46
88	Co-precipitation of silica and alkaline-earth carbonates using TEOS as silica source. Journal of Crystal Growth, 2007, 306, 152-158.	1.5	46
89	Beyond Biomineralization. Science, 2009, 323, 344-345.	12.6	46
90	Oligoether Carboxylates: Task-Specific Room-Temperature Ionic Liquids. Journal of Physical Chemistry B, 2011, 115, 8961-8969.	2.6	45

#	Article	IF	Citations
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.	3.5	44
92	Effect of choline carboxylate ionic liquids on biological membranes. Colloids and Surfaces B: Biointerfaces, 2014, 123, 575-581.	5.0	44
93	Ex Situ Reconstitution of the Plant Biopolyester Suberin as a Film. Biomacromolecules, 2014, 15, 1806-1813.	5.4	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.	4.9	44
95	Classification of Organic Solvents Revisited by Using the COSMOâ€RS Approach. Chemistry - A European Journal, 2011, 17, 5155-5164.	3.3	43
96	Vapor Pressures and Osmotic Coefficients of Aqueous Solutions of SDS, C6TAB, and C8TAB at 25 Â°C. Langmuir, 2003, 19, 8226-8229.	3.5	42
97	Horseradish Peroxidase Activity in a Reverse Catanionic Microemulsion. Langmuir, 2005, 21, 5259-5262.	3.5	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.	4.7	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.	3.6	42
100	Ion-specific thermodynamics of multicomponent electrolytes: A hybrid HNC/MD approach. Journal of Chemical Physics, 2009, 131, 154109.	3.0	41
101	Growth Behavior and Kinetics of Selfâ€Assembled Silicaâ€“Carbonate Biomorphs. Chemistry - A European Journal, 2012, 18, 2272-2282.	3.3	40
102	Nanoâ€droplet formation in fragrance tinctures. Flavour and Fragrance Journal, 2013, 28, 294-299.	2.6	40
103	Hofmeister versus Neuberg: is ATP really a biological hydrotrope?. Cell Reports Physical Science, 2021, 2, 100343.	5.6	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.	2.5	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.	2.0	38
106	Vapor Pressures of Propylene Carbonate andN,N-Dimethylacetamide. Journal of Chemical & Engineering Data, 2005, 50, 26-28.	1.9	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.	2.1	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.	5.6	38

#	Article	IF	Citations
109	Temperature dependence of industrial propylene glycol alkyl ether/water mixtures. Journal of Molecular Liquids, 2004, 115, 23-28.	4.9	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.	2.6	37
111	Morphologies Observed in Ultraflexible Microemulsions with and without the Presence of a Strong Acid. ACS Central Science, 2016, 2, 467-475.	11.3	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.	3.5	36
113	Eco-solvents â€“ cluster-formation, surfactantless microemulsions and facilitated hydrotropy. Physical Chemistry Chemical Physics, 2013, 15, 10971.	2.8	36
114	Intrinsic and extrinsic determinants of central nervous system axon outgrowth into alginate-based anisotropic hydrogels. Acta Biomaterialia, 2015, 27, 131-139.	8.3	36
115	Cellulose and chitin composite materials from an ionic liquid and a green co-solvent. Carbohydrate Polymers, 2018, 192, 159-165.	10.2	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.	9.4	36
117	Influence of additives on the structure of surfactant-free microemulsions. Physical Chemistry Chemical Physics, 2015, 17, 32528-32538.	2.8	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.	3.7	33
119	Spontaneous Vesicle Formation of an Industrial Single-Chain Surfactant at Acidic pH and at Room-Temperature. ChemPhysChem, 2006, 7, 1892-1896.	2.1	33
120	Similarity of Salt Influences on the pH of Buffers, Polyelectrolytes, and Proteins. Journal of Physical Chemistry B, 2006, 110, 8870-8876.	2.6	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.	3.7	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.	2.6	30
123	Highly water dilutable green microemulsions. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2014, 442, 105-110.	4.7	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.	2.8	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.	9.4	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.	2.5	29

#	Article	IF	Citations
127	Additive-induced morphological tuning of self-assembled silicaâ€“barium carbonate crystal aggregates. Journal of Crystal Growth, 2009, 311, 2530-2541.	1.5	29
128	Diffusion and precipitation processes in iron-based silica gardens. Physical Chemistry Chemical Physics, 2016, 18, 24850-24858.	2.8	29
129	Optimising the biodiesel production process: Implementation of glycerol derivatives into biofuel formulations and their potential to form hydrofuels. Fuel, 2020, 264, 116695.	6.4	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.	1.2	28
131	Phase Behavior of an Extended Surfactant in Water and a Detailed Characterization of the Concentrated Phases. Langmuir, 2010, 26, 16871-16883.	3.5	28
132	Aqueous phase behaviour of choline carboxylate surfactantsâ€”exceptional variety and extent of cubic phases. Soft Matter, 2011, 7, 6973.	2.7	28
133	Thermotropic Phase Behavior of Choline Soaps. Journal of Physical Chemistry B, 2011, 115, 3838-3847.	2.6	28
134	Properties of sugar-based low-melting mixtures. Molecular Physics, 2014, 112, 1241-1245.	1.7	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.	1.2	27
136	[emim][etSO₄] as the Polar Phase in Low-Temperature-Stable Microemulsions. Langmuir, 2011, 27, 1635-1642.	3.5	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.	4.7	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.	8.2	27
139	Adsorption and Desorption of Polymer/Surfactant Mixtures at Solidâ^'Liquid Interfaces:Â Substitution Experiments. Langmuir, 2004, 20, 8114-8123.	3.5	26
140	Hofmeister Ion Effects on the Phase Diagrams of Water-Propylene Glycol Propyl Ethers. Zeitschrift Fur Physikalische Chemie, 2004, 218, 631-641.	2.8	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.	30.8	26
142	Microemulsions with renewable feedstock oils. Green Chemistry, 2012, 14, 2017.	9.0	26
143	Local autocatalytic co-precipitation phenomena in self-assembled silicaâ€“carbonate materials. Journal of Colloid and Interface Science, 2012, 380, 1-7.	9.4	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.	14.7	26

#	Article	IF	Citations
145	NADES-based surfactant-free microemulsions for solubilization and extraction of curcumin from Curcuma Longa. Food Chemistry, 2021, 355, 129624.	8.2	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.	3.5	25
147	Hollow SiO2 Microspheres Produced by Coating Yeast Cells. Crystal Growth and Design, 2009, 9, 2318-2323.	3.0	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.	6.7	25
149	Adsorption Pattern of Mixtures of Trimethylammonium-Modified Hydroxyethylcellulose and Sodium Dodecyl Sulfate at Solidâˆ’Liquid Interfaces. Langmuir, 2004, 20, 2282-2291.	3.5	24
150	Probing local pH-based precipitation processes in self-assembled silica-carbonate hybrid materials. Nanoscale, 2015, 7, 17434-17440.	5.6	24
151	Weak aggregation: State of the art, expectations and open questions. Current Opinion in Colloid and Interface Science, 2016, 22, 113-119.	7.4	24
152	Enzyme activity of horseradish peroxidase in surfactant-free microemulsions. Journal of Colloid and Interface Science, 2018, 516, 466-475.	9.4	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.	1.2	23
154	Synthesis and Electrochemical Properties of Some Lithium Chelatophosphates. Journal of the Electrochemical Society, 2003, 150, A994.	2.9	22
155	Automated apparatus for the rapid determination of liquidâ€“liquid and solidâ€“liquid phase transitions. Fluid Phase Equilibria, 2004, 216, 175-182.	2.5	22
156	Role of polarizability in molecular interactions in ion solvation. Current Opinion in Colloid and Interface Science, 2004, 9, 92-96.	7.4	22
157	Thermophysical and bionotox properties of solvo-surfactants based on ethylene oxide, propylene oxide and glycerol. Green Chemistry, 2007, 9, 491.	9.0	22
158	Anion specificity influencing morphology in catanionic surfactant mixtures with an excess of cationic surfactant. Comptes Rendus Chimie, 2009, 12, 30-37.	0.5	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.	3.5	22
160	Spontaneous Ouzo Emulsions Coexist with Pre-Ouzo Ultraflexible Microemulsions. Langmuir, 2021, 37, 3817-3827.	3.5	22
161	Catanionic Micelles As a Model to Mimic Biological Membranes in the Presence of Anesthetic Alcohols. Langmuir, 2009, 25, 12516-12521.	3.5	21
162	Green synthesis of para-Menthane-3,8-diol from Eucalyptus citriodora: Application for repellent products. Comptes Rendus Chimie, 2011, 14, 629-635.	0.5	21

#	Article	IF	Citations
163	Biooxidation ofn-hexanol by alcohol oxidase and catalase in biphasic and micellar systems without solvent. Biotechnology and Bioengineering, 2003, 81, 27-32.	3.3	20
164	Densities, Ultrasonic Velocities, Viscosities, and Electrical Conductivities of Aqueous Solutions of Mg(OAc)2and Mg(NO3)2. Journal of Chemical & Engineering Data, 2006, 51, 1609-1616.	1.9	20
165	New Anisotropic Ceramic Membranes from Chemically Fixed Dissipative Structures. Langmuir, 2006, 22, 11353-11359.	3.5	20
166	Low Toxic Ionic Liquids, Liquid Catanionics, and Ionic Liquid Microemulsions. Journal of Dispersion Science and Technology, 2011, 32, 1694-1699.	2.4	20
167	New insights into the early stages of silica-controlled barium carbonate crystallisation. Nanoscale, 2014, 6, 14939-14949.	5.6	20
168	Crystallization of Mixed Alkaline-Earth Carbonates in Silica Solutions at High pH. Crystal Growth and Design, 2014, 14, 6177-6188.	3.0	20
169	Physical-chemical properties of newly synthesized tetraalkylammonium alkyl ether carboxylate ionic liquids. Journal of Molecular Liquids, 2021, 322, 114947.	4.9	20
170	Vapor Pressure Determination of the Aliphatic C5to C81-Alcohols. Journal of Chemical & Engineering Data, 2006, 51, 7-10.	1.9	19
171	Blastulae aggregates: New intermediate structures in the micelle-to-vesicle transition of catanionic systems. Journal of Colloid and Interface Science, 2008, 320, 360-363.	9.4	19
172	Amino Acid Solvation in Aqueous Kosmotrope Solutions: Temperature Dependence of the <scp>l</scp>-Histidineâ€“Glycerol Interaction. Journal of Physical Chemistry B, 2012, 116, 2325-2329.	2.6	19
173	Effect of bulk pH and supersaturation on the growth behavior of silica biomorphs in alkaline solutions. CrystEngComm, 2013, 15, 43-53.	2.6	19
174	Carnitine alkyl ester bromides as novel biosourced ionic liquids, cationic hydrotropes and surfactants. Journal of Colloid and Interface Science, 2018, 511, 165-173.	9.4	19
175	Surfactant-free microemulsions with cleavable constituents. Journal of Molecular Liquids, 2018, 271, 112-117.	4.9	19
176	Self-assembly of a short amphiphile in water controlled by superchaotropic polyoxometalates: H4SiW12O40 vs. H3PW12O40. Journal of Colloid and Interface Science, 2021, 587, 347-357.	9.4	19
177	Horse Liver Alcohol Dehydrogenase as a Probe for Nanostructuring Effects of Alcohols in Water/Nonionic Surfactant Systems. Journal of Physical Chemistry B, 2002, 106, 7414-7421.	2.6	18
178	Design of Low-Toxic and Temperature-Sensitive Anionic Microemulsions Using Short Propyleneglycol Alkyl Ethers as Cosurfactants. Langmuir, 2005, 21, 8138-8145.	3.5	18
179	Modelling of the thermodynamic properties of ionic solutions using a stepwise solvation-equilibrium model. Fluid Phase Equilibria, 2006, 242, 176-188.	2.5	18
180	Evolution and Control of Complex Curved Form in Simple Inorganic Precipitation Systems. Crystal Growth and Design, 2012, 12, 3647-3655.	3.0	18

#	Article	IF	Citations
181	Light, Neutron, X-ray Scattering, and Conductivity Measurements on Aqueous Dodecyltrimethylammonium Bromide/1-Hexanol Solutions. Journal of Physical Chemistry B, 2003, 107, 13862-13870.	2.6	17
182	Influence of Chain Length and Double Bond on the Aqueous Behavior of Choline Carboxylate Soaps. Langmuir, 2013, 29, 2506-2519.	3.5	17
183	Oligoether carboxylate counterions: An innovative way towards surfactant ionic liquids. Journal of Molecular Liquids, 2018, 251, 61-69.	4.9	17
184	Small hydrophobic organic ions in aqueous solutions. Journal of Chemical Physics, 1993, 99, 2074-2078.	3.0	16
185	Influence of surfactant amphiphilicity on the phase behavior of IL-based microemulsions. Journal of Colloid and Interface Science, 2011, 362, 423-429.	9.4	16
186	Ab initio prediction of structuring/mesoscale inhomogeneities in surfactant-free microemulsions and hydrogen-bonding-free microemulsions. Physical Chemistry Chemical Physics, 2019, 21, 8054-8066.	2.8	16
187	Phase diagrams and microstructures of aqueous short alkyl chain polyethylene glycol ether carboxylate and carboxylic acid triblock surfactant solutions. Journal of Colloid and Interface Science, 2021, 590, 375-386.	9.4	16
188	Uncovering the curcumin solubilization ability of selected natural deep eutectic solvents based on quaternary ammonium compounds. Journal of Molecular Liquids, 2022, 361, 119661.	4.9	16
189	Title is missing!. Biotechnology Letters, 2002, 24, 1951-1955.	2.2	15
190	Percolating Microemulsions of Nonionic Surfactants Probed by Dielectric Spectroscopy. ChemPhysChem, 2005, 6, 1051-1055.	2.1	15
191	Pre-formulation of biofuels: Kinematic viscosities, low-temperature phase behaviour and nanostructuring of ethanol/â€œethanolotropeâ€rapeseed oil mixtures. Fuel, 2017, 191, 212-220.	6.4	15
192	A systematic study of the influence of mesoscale structuring on the kinetics of a chemical reaction. Physical Chemistry Chemical Physics, 2017, 19, 23773-23780.	2.8	15
193	Precipitation and Crystallization Kinetics in Silica Gardens. ChemPhysChem, 2017, 18, 338-345.	2.1	15
194	Stabilisation of biofuels with hydrophilic, natural antioxidants solubilised by glycerol derivatives. Fuel, 2021, 284, 119055.	6.4	15
195	Towards a general understanding of the effects of hydrophobic additives on the viscosity of surfactant solutions. Journal of Molecular Liquids, 2021, 329, 115523.	4.9	15
196	The effect of position and length of alkyl substituents in pyridinium based ionic liquids on temperature dependent transport properties. Electrochimica Acta, 2012, 70, 124-130.	5.2	14
197	Microwave assisted extraction of betulin from birch outer bark. RSC Advances, 2013, 3, 21285.	3.6	14
198	Nanostructures in clear and homogeneous mixtures of rapeseed oil and ethanol in the presence of green additives. Colloid and Polymer Science, 2015, 293, 3225-3235.	2.1	14

#	Article	IF	Citations
199	Nanostructuring in ethanol/â€œethanolotropeâ€rapeseed oil automotive biofuels. Colloids and Interface Science Communications, 2016, 14, 1-3.	4.1	13
200	Investigation of ethanolamine stabilized natural rubber latex from Taraxacum kok-saghyz and from Hevea brasiliensis using zeta-potential and dynamic light scattering measurements. Industrial Crops and Products, 2017, 103, 169-174.	5.2	13
201	Triple role of sodium salicylate in solubilization, extraction, and stabilization of curcumin from Curcuma longa. Journal of Molecular Liquids, 2021, 329, 115538.	4.9	13
202	Modern techniques for the study of electrolyte solutions. Annales De Physique, 1990, 15, 447-491.	0.2	13
203	Transport of cryptates as model brownons: electrical mobilities and self-diffusion coefficients of monovalent and divalent ions cryptated by 222 in aqueous solutions. The Journal of Physical Chemistry, 1993, 97, 5136-5140.	2.9	12
204	Effect of short non-ionic amphiphiles derived from ethylene and propylene glycol alkyl ethers on the CMC of SDS. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2005, 270-271, 8-12.	4.7	12
205	How specific are ion specificities? A pilot NMR study. Faraday Discussions, 2013, 160, 121-133.	3.2	12
206	Nano-droplet formation in water/ethanol or isopropanol/mosquito repellent formulations. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2014, 458, 3-9.	4.7	12
207	Eco-friendly one pot synthesis of caffeic acid phenethyl ester (CAPE) via an in-situ formed deep eutectic solvent. Sustainable Chemistry and Pharmacy, 2016, 4, 40-45.	3.3	12
208	1-Octylindoline-2,3-dione. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o1801-o1801.	0.2	12
209	Electrical conductivity of reverse micelles in supercritical carbon dioxide. Physical Chemistry Chemical Physics, 2002, 4, 1921-1927.	2.8	11
210	Chiral Polymer Helices with Shape Identical to Previously Reported Helical Calcium Carbonate Morphologies. Macromolecular Rapid Communications, 2007, 28, 1024-1028.	3.9	11
211	Influence of additives and cation chain length on the kinetic stability of supersaturated catanionic systems. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2009, 338, 135-141.	4.7	11
212	Ion specific forces between charged self-assembled monolayers explained by modified DLVO theory. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2009, 346, 11-15.	4.7	11
213	Organic reactivity of alcohols in superheated aqueous salt solutions: an overview. New Journal of Chemistry, 2012, 36, 1568.	2.8	11
214	Organic chemistry under hydrothermal conditions. Pure and Applied Chemistry, 2012, 85, 89-103.	1.9	11
215	Influence of high intensity sweeteners and sugar alcohols on a beverage microemulsion. Journal of Colloid and Interface Science, 2015, 460, 105-112.	9.4	11
216	Revisiting the roles of salinity, temperature and water activity in phase selection during calcium sulfate precipitation. CrystEngComm, 2022, 24, 1529-1536.	2.6	11

#	Article	IF	Citations
217	Cryptates as model Brownons. Molecular Physics, 1993, 80, 833-841.	1.7	10
218	Controlled preparation of hollow zinc oxide microspheres from aqueous solution using hexamethylenetetramine and cysteine. Materials Research Bulletin, 2008, 43, 62-67.	5.2	10
219	Pharmacokinetics of a self-microemulsifying drug delivery system of tacrolimus. Biomedicine and Pharmacotherapy, 2013, 67, 469-473.	5.6	10
220	Cation Effect on the Water Activity of Ternary (S)-Aminobutanedioic Acid Magnesium Salt Solutions at 298.15 and 310.15 K. Journal of Chemical & Engineering Data, 2016, 61, 3190-3199.	1.9	10
221	PPh₄Cl in aqueous solution â€“ the aggregation behavior of an antagonistic salt. Physical Chemistry Chemical Physics, 2017, 19, 25463-25470.	2.8	10
222	Description of Vaporâ^'Liquid Equilibria for CO2in Electrolyte Solutions Using the Mean Spherical Approximation. Journal of Physical Chemistry B, 2003, 107, 5948-5957.	2.6	9
223	Thermodynamic properties of (LiCl+N,N-dimethylacetamide) and (LiBr+N,N-dimethylacetamide) at temperatures from (323.15 to 423.15) K. Journal of Chemical Thermodynamics, 2005, 37, 331-341.	2.0	9
224	Description of dilution enthalpies and heat capacities for aqueous solutions within the MSAâ€“NRTL model with ion solvation. Fluid Phase Equilibria, 2008, 264, 211-219.	2.5	9
225	Activity of Water and Osmotic Coefficients for Two- and Three-Basic Amino Acid Ternary Solutions. Journal of Chemical & Engineering Data, 2012, 57, 3123-3127.	1.9	9
226	Hydrothermal alkylation of phenols with alcohols in diluted acids. Comptes Rendus Chimie, 2012, 15, 96-101.	0.5	9
227	Highly and Fully Water Dilutable Sustainable Microemulsions with Dibasic Esters as Oil Phase. ACS Sustainable Chemistry and Engineering, 2013, 1, 603-610.	6.7	9
228	Phase separation of binary mixtures induced by soft centrifugal fields. Physical Chemistry Chemical Physics, 2021, 23, 8261-8272.	2.8	9
229	Adsorptive decontamination of antibiotic-spiked water and milk using commercial and modified activated carbons. Journal of Environmental Chemical Engineering, 2021, 9, 105544.	6.7	9
230	Forces between air-bubbles in electrolyte solution. Chemical Physics Letters, 2008, 458, 299-302.	2.6	8
231	Surfactant-free microemulsion electrokinetic chromatography (SF-MEEKC) with UV and MS detection - a novel approach for the separation and ESI-MS detection of neutral compounds. Analytical and Bioanalytical Chemistry, 2016, 408, 8681-8689.	3.7	8
232	Shedding Light on the Diversity of Surfactant Interactions with Luminol Electrochemiluminescence for Bioanalysis. Analytical Chemistry, 2019, 91, 13080-13087.	6.5	8
233	Understanding and Prediction of the Clouding Phenomenon by Spontaneous and Effective Packing Concepts. Journal of Surfactants and Detergents, 2019, 22, 1011-1021.	2.1	8
234	Tubular Structures of Calcium Carbonate: Formation, Characterization, and Implications in Natural Mineral Environments. Chemistry - A European Journal, 2021, 27, 16135-16144.	3.3	8

#	Article	IF	Citations
235	Specific ion adsorption on alkyl carboxylate surfactant layers. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2014, 457, 414-418.	4.7	7
236	New completely renewable biofuels: formulations and engine tests on an unmodified up-to-date diesel engine. Green Chemistry, 2018, 20, 3308-3317.	9.0	7
237	Extraction of curcumin from Curcuma longa using meglumine and pyroglutamic acid, respectively, as solubilizer and hydrotrope. Journal of Molecular Liquids, 2021, 334, 116478.	4.9	7
238	Carl Neuberg's hydrotropic appearances (1916). Advances in Colloid and Interface Science, 2021, 294, 102476.	14.7	7
239	Improvement of the Solubilization and Extraction of Curcumin in an Edible Ternary Solvent Mixture. Molecules, 2021, 26, 7702.	3.8	7
240	Initiation of Vateriteâ^'Aragonite CaCO3 Particles from Silicateâ^'Casein Sols. Journal of Physical Chemistry C, 2008, 112, 17499-17506.	3.1	6
241	Heat capacities and the two-point scaling analysis of short-chain surfactant solutions. Fluid Phase Equilibria, 2013, 358, 78-82.	2.5	6
242	Effects of salts and sucrose on the phase behavior of ternary mixtures of water, decane, and mono-ethylene glycol butyl ether. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2015, 477, 19-25.	4.7	6
243	A formulatorâ€™s cut of the phase prism for optimizing selective metal extraction. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2018, 557, 2-8.	4.7	6
244	Potential Dependence of Surfactant Adsorption at the Graphite Electrode/Deep Eutectic Solvent Interface. Journal of Physical Chemistry Letters, 2019, 10, 5331-5337.	4.6	6
245	Pre-nucleation cluster formation upon ethyl acetate addition to an aqueous solution of an anionic hydrotrope. Journal of Molecular Liquids, 2020, 310, 113240.	4.9	6
246	Development of a fully water-dilutable mint concentrate based on a food-approved microemulsion. Food Chemistry, 2022, 372, 131230.	8.2	6
247	Nanoscopic microheterogeneities or pseudo-phase separations in non-conventional liquids. Current Opinion in Colloid and Interface Science, 2022, 57, 101535.	7.4	6
248	A Porphyrin Dye with Monoexponential Fluorescence Intensity and Anisotropy Decay Behavior in Spherical Micelles. Angewandte Chemie - International Edition, 2004, 43, 634-636.	13.8	5
249	New approaches to the calculation of thermodynamic properties of electrolyte solutions. Journal of Molecular Liquids, 2004, 113, 5-8.	4.9	5
250	Properties of a new hydrotrope hydrophobic molecule and its potential applications. International Journal of Cosmetic Science, 2008, 30, 347-351.	2.6	5
251	An Attempt of a General Overview. , 2009, , 3-54.		5
252	Formulation and stability of a soap microemulsion and the apparent pKA herein. Journal of Colloid and Interface Science, 2013, 407, 382-389.	9.4	5

#	Article	IF	Citations
253	Study of structural changes of water confined in Brij-30 reverse micelles: Revealing influence of ionic additives. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2017, 519, 98-105.	4.7	5
254	Salt effects on liquid-liquid equilibria in the ternary water/n-butanol/HMF system and solvent effects on HMF separation from water. Journal of Molecular Liquids, 2021, 325, 114551.	4.9	5
255	Specific Ion Effects in Colloid and Surface Science: A Modified DLVO Approach. Statistical Science and Interdisciplinary Research, 2012, , 1-10.	0.0	5
256	Cloud point, auto-coacervation, and nematic ordering of micelles formed by ethylene oxide containing carboxylate surfactants. Journal of Colloid and Interface Science, 2022, 621, 470-488.	9.4	5
257	Osmotic Coefficients and Activity Coefficients in Aqueous Aminoethanoic Acidâ€“NaCl Mixtures at 298.15 K. Journal of Chemical & Engineering Data, 2014, 59, 2741-2749.	1.9	4
258	An investigation of the fish diagrams of water or brine/decane or dodecane/propylene glycol ether (C3P1 or C3P2) systems. Journal of Molecular Liquids, 2015, 206, 170-175.	4.9	4
259	From Petroleum to Bio-Based Solvents: From Academia to Industry. Green Chemistry and Sustainable Technology, 2019, , 51-87.	0.7	4
260	Osmotic coefficients and activity coefficients in binary water/5-(hydroxymethyl)furfural and in ternary water/5-(hydroxymethyl)furfural/salt solutions at 298.15â€¯K. Journal of Chemical Thermodynamics, 2019, 139, 105878.	2.0	4
261	Ionic Liquids Based on the Concept of Melting Point Lowering Due to Ethoxylation. Molecules, 2021, 26, 4034.	3.8	4
262	Phosphorylated resveratrol as a protein aggregation suppressor in vitro and in vivo. RSC Chemical Biology, 2022, 3, 250-260.	4.1	4
263	Solubilization of methacrylic acid based polymers by surfactants in acidic solutions. Journal of Colloid and Interface Science, 2007, 315, 445-455.	9.4	3
264	Activity of Water and Osmotic Coefficients of Histidine Derivatives in Aqueous Solutions at 310.15 K. Journal of Solution Chemistry, 2008, 37, 421-431.	1.2	3
265	Anion effect on glutamate solutions at 298.15 and 310.15K as deduced from vapor pressure measurements. Journal of Molecular Liquids, 2015, 205, 119-122.	4.9	3
266	Natural deep eutectic solvents: From simple systems to complex colloidal mixtures. Advances in Botanical Research, 2021, , 17-40.	1.1	3
267	Ionic Liquids [M³⁺][A^{â^'}]₃ with Threeâ€Valent Cations and Their Possible Use to Easily Separate Rare Earth Metals. Chemistry - A European Journal, 2021, 27, 13052-13058.	3.3	3
268	Specific Ion Effects, Evidences. , 2014, , 2045-2050.		3
269	Isolation and Investigation of Natural Rubber Latex from Taraxacum kok-saghyz with a High Solid Content. ACS Agricultural Science and Technology, 2022, 2, 296-301.	2.3	3
270	Dynamic diffusion and precipitation processes across calcium silicate membranes. Journal of Colloid and Interface Science, 2022, 618, 206-218.	9.4	3

#	Article	IF	Citations
271	Thermodynamic Properties of l-Aspartates of Alkali and Alkali-Earth Metals in Aqueous Solutions at 298.15 and 310.15ÂK and Specific Cation Effects on Biomolecule Solvation. Journal of Solution Chemistry, 2018, 47, 727-748.	1.2	2
272	Guanidinium Cation Effect on the Water Activity of Ternary (S)Aminopentanedioic Acid Sodium Salt Solutions at 298.15 and 310.15 K. Journal of Chemical & Engineering Data, 2019, 64, 1256-1264.	1.9	2
273	Newly synthesized Ionic Liquids as potent lubricants and additives to existing lubricant oils. Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology, 0, , 135065012110601.	1.8	2
274	GrÃ¼ne Chemie: Mit Gammaâ€Valerolacton lÃ¶sen. Nachrichten Aus Der Chemie, 2022, 70, 32-34.	0.0	2
275	Structure and Dynamics of Nonaqueous Electrolyte Solutions by Small Angle Neutron Scattering, Brownian Dynamics and Primitive Model Theories. Zeitschrift Fur Elektrotechnik Und Elektrochemie, 1990, 94, 321-325.	0.9	1
276	Comment on â€˜â€˜Integral equation theory for charged liquids: The structure of macroions in solution and the inversion of experimental dataâ€™â€™ [J. Chem. Phys. 100, 2244 (1994)]. Journal of Chemical Physics, 1995, 102, 3486-3486.	3.0	1
277	Title is missing!. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2008, 331, 1.	4.7	1
278	Chapter 6 Saltâ€Induced Morphological Transitions in Nonequimolar Catanionic Systems. Behavior Research Methods, 2009, , 135-162.	4.0	1
279	An Attempt of a Summary. , 2009, , 313-319.		1
280	Osmotic Coefficients of Two Amino Acid Magnesium Salts at 298.15 and 310.15ÂK. Journal of Solution Chemistry, 2016, 45, 313-324.	1.2	1
281	Verifying the reliability of the steam-jet test on coated thermoplastic olefin substrates by a semi-quantitative peel test. Polymer Testing, 2021, 97, 107145.	4.8	1
282	SALTING-IN AND SALTING-OUT EFFECTS OF POLYPHENOLS, AROMATIC COMPOUNDS, AND AMINO ACIDS ON POLY (N-ISOPROPYLACRYLAMIDE) AND EGG WHITE AQUEOUS SOLUTIONS. Science and Innovation, 2021, 17, 72-78.	0.7	1
283	Title is missing!. Current Opinion in Colloid and Interface Science, 2004, 9, vii.	7.4	1
284	Comment on â€œImpact of Conventional and Sustainable Solvents on the Yield, Selectivity, and Recovery of Curcuminoids from Turmericâ€• ACS Sustainable Chemistry and Engineering, 0, , .	6.7	1
285	Transport in electrolytes using the mean spherical approximation: Electrical conductance and self-diffusion coefficient as a function of concentration in solutions. Lecture Notes in Physics, 1993, , 187-197.	0.7	0
286	Reply to Comment on the â€œOsmotic Coefficients and Surface Tensions of Aqueous Electrolyte Solutions:Â Role of Dispersion Forcesâ€• Journal of Physical Chemistry B, 2004, 108, 20482-20482.	2.6	0
287	Precipitation and Crystallization Kinetics in Silica Gardens. ChemPhysChem, 2017, 18, 328-328.	2.1	0
288	A general thermodynamic law for multi-phase systems without turbulences in the non-linear regime and its application to separation processes. Fluid Phase Equilibria, 2020, 507, 112436.	2.5	0

#	Article	IF	Citations
289	Ionic Liquids. , 2014, , 1106-1111.		0
290	Activity Coefficients. , 2014, , 7-11.		0
291	Physical-chemical and toxicological properties of osmolyte-based cationic surfactants and spontaneously formed low-toxic catanionic vesicles out of them. Journal of Molecular Liquids, 2022, 361, 119549.	4.9	0