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	Development of a fully water-dilutable mint concentrate based on a food-approved microemulsion. Food Chemistry, 2022, 372, 131230.	4.2	6
2	Nanoscopic microheterogeneities or pseudo-phase separations in non-conventional liquids. Current Opinion in Colloid and Interface Science, 2022, 57, 101535.	3.4	6
3	Phosphorylated resveratrol as a protein aggregation suppressor in vitro and in vivo. RSC Chemical Biology, 2022, 3, 250-260.	2.0	4
4	Revisiting the roles of salinity, temperature and water activity in phase selection during calcium sulfate precipitation. CrystEngComm, 2022, 24, 1529-1536.	1.3	11
5	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.	1.0	3
6	Dynamic diffusion and precipitation processes across calcium silicate membranes. Journal of Colloid and Interface Science, 2022, 618, 206-218.	5.0	3
7	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.	5.0	5
8	GrÃ¼ne Chemie: Mit Gammaâ€Valerolacton lÃ¶sen. Nachrichten Aus Der Chemie, 2022, 70, 32-34.	0.0	2
9	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.	2.3	0
10	Uncovering the curcumin solubilization ability of selected natural deep eutectic solvents based on quaternary ammonium compounds. Journal of Molecular Liquids, 2022, 361, 119661.	2.3	16
11	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
12	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
13	Stabilisation of biofuels with hydrophilic, natural antioxidants solubilised by glycerol derivatives. Fuel, 2021, 284, 119055.	3.4	15
14	Physical-chemical properties of newly synthesized tetraalkylammonium alkyl ether carboxylate ionic liquids. Journal of Molecular Liquids, 2021, 322, 114947.	2.3	20
15	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.	5.0	19
16	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
17	Natural deep eutectic solvents: From simple systems to complex colloidal mixtures. Advances in Botanical Research, 2021, , 17-40.	0.5	3
18	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.	2.3	5

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19	Phase separation of binary mixtures induced by soft centrifugal fields. Physical Chemistry Chemical Physics, 2021, 23, 8261-8272.	1.3	9
20	Hofmeister versus Neuberg: is ATP really a biological hydrotrope?. Cell Reports Physical Science, 2021, 2, 100343.	2.8	40
21	Spontaneous Ouzo Emulsions Coexist with Pre-Ouzo Ultraflexible Microemulsions. Langmuir, 2021, 37, 3817-3827.	1.6	22
22	Verifying the reliability of the steam-jet test on coated thermoplastic olefin substrates by a semi-quantitative peel test. Polymer Testing, 2021, 97, 107145.	2.3	1
23	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.	5.0	16
24	Triple role of sodium salicylate in solubilization, extraction, and stabilization of curcumin from Curcuma longa. Journal of Molecular Liquids, 2021, 329, 115538.	2.3	13
25	Towards a general understanding of the effects of hydrophobic additives on the viscosity of surfactant solutions. Journal of Molecular Liquids, 2021, 329, 115523.	2.3	15
26	Extraction of curcumin from Curcuma longa using meglumine and pyroglutamic acid, respectively, as solubilizer and hydrotrope. Journal of Molecular Liquids, 2021, 334, 116478.	2.3	7
27	Ionic Liquids Based on the Concept of Melting Point Lowering Due to Ethoxylation. Molecules, 2021, 26, 4034.	1.7	4
28	Adsorptive decontamination of antibiotic-spiked water and milk using commercial and modified activated carbons. Journal of Environmental Chemical Engineering, 2021, 9, 105544.	3.3	9
29	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.	0.2	1
30	Carl Neuberg's hydrotropic appearances (1916). Advances in Colloid and Interface Science, 2021, 294, 102476.	7.0	7
31	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.	1.7	3
32	NADES-based surfactant-free microemulsions for solubilization and extraction of curcumin from Curcuma Longa. Food Chemistry, 2021, 355, 129624.	4.2	26
33	Tubular Structures of Calcium Carbonate: Formation, Characterization, and Implications in Natural Mineral Environments. Chemistry - A European Journal, 2021, 27, 16135-16144.	1.7	8
34	The green platform molecule gamma-valerolactone â€“ ecotoxicity, biodegradability, solvent properties, and potential applications. Green Chemistry, 2021, 23, 2962-2976.	4.6	76
35	Improvement of the Solubilization and Extraction of Curcumin in an Edible Ternary Solvent Mixture. Molecules, 2021, 26, 7702.	1.7	7
36	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.	1.4	0

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37	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
38	Photocatalytic activation of alkyl chlorides by assembly-promoted single electron transfer in microheterogeneous solutions. Nature Catalysis, 2020, 3, 40-47.	16.1	148
39	Pre-nucleation cluster formation upon ethyl acetate addition to an aqueous solution of an anionic hydrotrope. Journal of Molecular Liquids, 2020, 310, 113240.	2.3	6
40	Potential Dependence of Surfactant Adsorption at the Graphite Electrode/Deep Eutectic Solvent Interface. Journal of Physical Chemistry Letters, 2019, 10, 5331-5337.	2.1	6
41	From Petroleum to Bio-Based Solvents: From Academia to Industry. Green Chemistry and Sustainable Technology, 2019, , 51-87.	0.4	4
42	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.	1.0	4
43	Shedding Light on the Diversity of Surfactant Interactions with Luminol Electrochemiluminescence for Bioanalysis. Analytical Chemistry, 2019, 91, 13080-13087.	3.2	8
44	Understanding and Prediction of the Clouding Phenomenon by Spontaneous and Effective Packing Concepts. Journal of Surfactants and Detergents, 2019, 22, 1011-1021.	1.0	8
45	Ab initio prediction of structuring/mesoscale inhomogeneities in surfactant-free microemulsions and hydrogen-bonding-free microemulsions. Physical Chemistry Chemical Physics, 2019, 21, 8054-8066.	1.3	16
46	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.	1.0	2
47	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
48	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.	0.6	2
49	Lignin/Chitin Films and Their Adsorption Characteristics for Heavy Metal Ions. ACS Sustainable Chemistry and Engineering, 2018, 6, 6965-6973.	3.2	64
50	Enzyme activity of horseradish peroxidase in surfactant-free microemulsions. Journal of Colloid and Interface Science, 2018, 516, 466-475.	5.0	24
51	Some aspects of green solvents. Comptes Rendus Chimie, 2018, 21, 572-580.	0.2	138
52	Cellulose and chitin composite materials from an ionic liquid and a green co-solvent. Carbohydrate Polymers, 2018, 192, 159-165.	5.1	36
53	Carnitine alkyl ester bromides as novel biosourced ionic liquids, cationic hydrotropes and surfactants. Journal of Colloid and Interface Science, 2018, 511, 165-173.	5.0	19
54	Oligoether carboxylate counterions: An innovative way towards surfactant ionic liquids. Journal of Molecular Liquids, 2018, 251, 61-69.	2.3	17

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55	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.	2.3	6
56	Surfactant-free microemulsions with cleavable constituents. Journal of Molecular Liquids, 2018, 271, 112-117.	2.3	19
57	New completely renewable biofuels: formulations and engine tests on an unmodified up-to-date diesel engine. Green Chemistry, 2018, 20, 3308-3317.	4.6	7
58	Precipitation and Crystallization Kinetics in Silica Gardens. ChemPhysChem, 2017, 18, 328-328.	1.0	0
59	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.	2.5	13
60	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
61	Pre-formulation of biofuels: Kinematic viscosities, low-temperature phase behaviour and nanostructuring of ethanol/â€œethanolotropeâ€rapeseed oil mixtures. Fuel, 2017, 191, 212-220.	3.4	15
62	A systematic study of the influence of mesoscale structuring on the kinetics of a chemical reaction. Physical Chemistry Chemical Physics, 2017, 19, 23773-23780.	1.3	15
63	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
64	Precipitation and Crystallization Kinetics in Silica Gardens. ChemPhysChem, 2017, 18, 338-345.	1.0	15
65	PPh‹sub›4‹/sub›Cl in aqueous solution â€“ the aggregation behavior of an antagonistic salt. Physical Chemistry Chemical Physics, 2017, 19, 25463-25470.	1.3	10
66	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.	2.3	5
67	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
68	Diffusion and precipitation processes in iron-based silica gardens. Physical Chemistry Chemical Physics, 2016, 18, 24850-24858.	1.3	29
69	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
70	Weak aggregation: State of the art, expectations and open questions. Current Opinion in Colloid and Interface Science, 2016, 22, 113-119.	3.4	24
71	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
72	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

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73	Hydrotropes. Current Opinion in Colloid and Interface Science, 2016, 22, 99-107.	3.4	140
74	Morphologies Observed in Ultraflexible Microemulsions with and without the Presence of a Strong Acid. ACS Central Science, 2016, 2, 467-475.	5.3	37
75	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.	1.6	12
76	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.	1.0	10
77	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
78	The hype with ionic liquids as solvents. Chemical Physics Letters, 2016, 661, 6-12.	1.2	121
79	Nanostructuring in ethanol/â€œethanolotropeâ€rapeseed oil automotive biofuels. Colloids and Interface Science Communications, 2016, 14, 1-3.	2.0	13
80	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.	1.9	8
81	Osmotic Coefficients of Two Amino Acid Magnesium Salts at 298.15 and 310.15ÂK. Journal of Solution Chemistry, 2016, 45, 313-324.	0.6	1
82	Influence of additives on the structure of surfactant-free microemulsions. Physical Chemistry Chemical Physics, 2015, 17, 32528-32538.	1.3	34
83	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
84	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.	2.3	4
85	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
86	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.	2.3	6
87	Toward surfactant-free and water-free microemulsions. Journal of Colloid and Interface Science, 2015, 453, 186-193.	5.0	56
88	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.	2.3	3
89	Probing local pH-based precipitation processes in self-assembled silica-carbonate hybrid materials. Nanoscale, 2015, 7, 17434-17440.	2.8	24
90	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.	1.0	14

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91	Intrinsic and extrinsic determinants of central nervous system axon outgrowth into alginate-based anisotropic hydrogels. Acta Biomaterialia, 2015, 27, 131-139.	4.1	36
92	Influence of high intensity sweeteners and sugar alcohols on a beverage microemulsion. Journal of Colloid and Interface Science, 2015, 460, 105-112.	5.0	11
93	New insights into the early stages of silica-controlled barium carbonate crystallisation. Nanoscale, 2014, 6, 14939-14949.	2.8	20
94	Effect of choline carboxylate ionic liquids on biological membranes. Colloids and Surfaces B: Biointerfaces, 2014, 123, 575-581.	2.5	44
95	Crystallization of Mixed Alkaline-Earth Carbonates in Silica Solutions at High pH. Crystal Growth and Design, 2014, 14, 6177-6188.	1.4	20
96	Measuring and modeling aqueous electrolyte/amino-acid solutions with ePC-SAFT. Journal of Chemical Thermodynamics, 2014, 68, 1-12.	1.0	97
97	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
98	Low-melting mixtures based on choline ionic liquids. Physical Chemistry Chemical Physics, 2014, 16, 22815-22822.	1.3	80
99	Properties of sugar-based low-melting mixtures. Molecular Physics, 2014, 112, 1241-1245.	0.8	28
100	Emergence of surfactant-free micelles from ternary solutions. Chemical Science, 2014, 5, 2949-2954.	3.7	94
101	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
102	Osmotic Coefficients and Activity Coefficients in Aqueous Aminoethanoic Acidâ€“NaCl Mixtures at 298.15 K. Journal of Chemical & Engineering Data, 2014, 59, 2741-2749.	1.0	4
103	Ex Situ Reconstitution of the Plant Biopolyester Suberin as a Film. Biomacromolecules, 2014, 15, 1806-1813.	2.6	44
104	Highly water dilutable green microemulsions. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2014, 442, 105-110.	2.3	30
105	Nano-droplet formation in water/ethanol or isopropanol/mosquito repellent formulations. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2014, 458, 3-9.	2.3	12
106	Specific ion adsorption on alkyl carboxylate surfactant layers. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2014, 457, 414-418.	2.3	7
107	Specific Ion Effects, Evidences. , 2014, , 2045-2050.		3
108	Ionic Liquids. , 2014, , 1106-1111.		0

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109	Activity Coefficients. , 2014, , 7-11.		0
110	Effect of bulk pH and supersaturation on the growth behavior of silica biomorphs in alkaline solutions. CrystEngComm, 2013, 15, 43-53.	1.3	19
111	Choline alkylsulfates â€“ New promising green surfactants. Journal of Colloid and Interface Science, 2013, 392, 274-280.	5.0	51
112	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
113	Highly and Fully Water Dilutable Sustainable Microemulsions with Dibasic Esters as Oil Phase. ACS Sustainable Chemistry and Engineering, 2013, 1, 603-610.	3.2	9
114	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
115	Microwave assisted extraction of betulin from birch outer bark. RSC Advances, 2013, 3, 21285.	1.7	14
116	Heat capacities and the two-point scaling analysis of short-chain surfactant solutions. Fluid Phase Equilibria, 2013, 358, 78-82.	1.4	6
117	Pharmacokinetics of a self-microemulsifying drug delivery system of tacrolimus. Biomedicine and Pharmacotherapy, 2013, 67, 469-473.	2.5	10
118	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
119	Nanoâ€droplet formation in fragrance tinctures. Flavour and Fragrance Journal, 2013, 28, 294-299.	1.2	40
120	Eco-solvents â€“ cluster-formation, surfactantless microemulsions and facilitated hydrotropy. Physical Chemistry Chemical Physics, 2013, 15, 10971.	1.3	36
121	Formulation and stability of a soap microemulsion and the apparent pKA herein. Journal of Colloid and Interface Science, 2013, 407, 382-389.	5.0	5
122	Influence of Chain Length and Double Bond on the Aqueous Behavior of Choline Carboxylate Soaps. Langmuir, 2013, 29, 2506-2519.	1.6	17
123	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
124	How specific are ion specificities? A pilot NMR study. Faraday Discussions, 2013, 160, 121-133.	1.6	12
125	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
126	1-Octylindoline-2,3-dione. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o1801-o1801.	0.2	12

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127	Activity of Water and Osmotic Coefficients for Two- and Three-Basic Amino Acid Ternary Solutions. Journal of Chemical & Engineering Data, 2012, 57, 3123-3127.	1.0	9
128	Organic reactivity of alcohols in superheated aqueous salt solutions: an overview. New Journal of Chemistry, 2012, 36, 1568.	1.4	11
129	Structure and Solubility in Surfactantâ€Free Microemulsions. ChemPhysChem, 2012, 13, 4116-4119.	1.0	84
130	Microemulsions with renewable feedstock oils. Green Chemistry, 2012, 14, 2017.	4.6	26
131	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.	1.2	19
132	Hydrothermal alkylation of phenols with alcohols in diluted acids. Comptes Rendus Chimie, 2012, 15, 96-101.	0.2	9
133	Magnetic microemulsions based on magnetic ionic liquids. Physical Chemistry Chemical Physics, 2012, 14, 15355.	1.3	47
134	Using ionic liquids to formulate microemulsions: Current state of affairs. Current Opinion in Colloid and Interface Science, 2012, 17, 205-211.	3.4	73
135	Organic chemistry under hydrothermal conditions. Pure and Applied Chemistry, 2012, 85, 89-103.	0.9	11
136	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
137	Evolution and Control of Complex Curved Form in Simple Inorganic Precipitation Systems. Crystal Growth and Design, 2012, 12, 3647-3655.	1.4	18
138	Colloidal Stabilization of Calcium Carbonate Prenucleation Clusters with Silica. Advanced Functional Materials, 2012, 22, 4301-4311.	7.8	103
139	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
140	Local autocatalytic co-precipitation phenomena in self-assembled silicaâ€“carbonate materials. Journal of Colloid and Interface Science, 2012, 380, 1-7.	5.0	26
141	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.	2.6	14
142	Growth Behavior and Kinetics of Selfâ€Assembled Silicaâ€“Carbonate Biomorphs. Chemistry - A European Journal, 2012, 18, 2272-2282.	1.7	40
143	Specific Ion Effects in Colloid and Surface Science: A Modified DLVO Approach. Statistical Science and Interdisciplinary Research, 2012, , 1-10.	0.0	5
144	Aqueous phase behaviour of choline carboxylate surfactantsâ€”exceptional variety and extent of cubic phases. Soft Matter, 2011, 7, 6973.	1.2	28

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145	Oligoether Carboxylates: Task-Specific Room-Temperature Ionic Liquids. Journal of Physical Chemistry B, 2011, 115, 8961-8969.	1.2	45
146	Hydrotrope-Induced Inversion of Salt Effects on the Cloud Point of an Extended Surfactant. Langmuir, 2011, 27, 4403-4411.	1.6	47
147	Thermotropic Phase Behavior of Choline Soaps. Journal of Physical Chemistry B, 2011, 115, 3838-3847.	1.2	28
148	Low Toxic Ionic Liquids, Liquid Catanionics, and Ionic Liquid Microemulsions. Journal of Dispersion Science and Technology, 2011, 32, 1694-1699.	1.3	20
149	[emim][etSO₄] as the Polar Phase in Low-Temperature-Stable Microemulsions. Langmuir, 2011, 27, 1635-1642.	1.6	27
150	Conditions for and characteristics of nonaqueous micellar solutions and microemulsions with ionic liquids. Soft Matter, 2011, 7, 5507.	1.2	65
151	Classification of Organic Solvents Revisited by Using the COSMOâ€RS Approach. Chemistry - A European Journal, 2011, 17, 5155-5164.	1.7	43
152	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
153	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
154	Influence of surfactant amphiphilicity on the phase behavior of IL-based microemulsions. Journal of Colloid and Interface Science, 2011, 362, 423-429.	5.0	16
155	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
156	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
157	Ethylammonium nitrate in high temperature stable microemulsions. Journal of Colloid and Interface Science, 2010, 347, 227-232.	5.0	48
158	Specific ion effects in colloidal and biological systems. Current Opinion in Colloid and Interface Science, 2010, 15, 34-39.	3.4	428
159	Stabilization of Amorphous Calcium Carbonate in Inorganic Silica-Rich Environments. Journal of the American Chemical Society, 2010, 132, 17859-17866.	6.6	130
160	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
161	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
162	Phase Behavior of an Extended Surfactant in Water and a Detailed Characterization of the Concentrated Phases. Langmuir, 2010, 26, 16871-16883.	1.6	28

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163	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
164	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
165	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
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