

Preferential solvation of ions in mixed solvents. Part 2.â
ion

Journal of the Chemical Society Faraday Transactions I
84, 1465

DOI: 10.1039/f19888401465

Citation Report

#	ARTICLE	IF	CITATIONS
1	Structural aspects of water in 1-octanol. Journal of Solution Chemistry, 1990, 19, 507-517.	0.6	30
2	Spectroscopic investigation of ternary solutions: H ₂ O-CH ₃ CN-Cu(ClO ₄) ₂ . Journal of Molecular Structure, 1990, 237, 187-206.	1.8	6
3	Study of preferential solvation in mixed binary solvents by ultraviolet-visible spectroscopy. Journal of the Chemical Society, Faraday Transactions, 1990, 86, 1785-1789.	1.7	46
4	The solubility and solvation of salts in mixed nonaqueous solvents. 1. Potassium halides in mixed aprotic solvents. Journal of Solution Chemistry, 1991, 20, 221-232.	0.6	29
5	Solvent-induced Changes in the Selectivity of Solvolyses in Aqueous Alcohols and Related Mixtures. Advances in Physical Organic Chemistry, 1992, , 239-291.	0.5	24
6	Preferential solvation in mixed binary solvents: ultraviolet-visible spectroscopy of N-alkylpyridinium iodides in mixed solvents containing cyclic ethers. Journal of the Chemical Society, Faraday Transactions, 1992, 88, 1675-1678.	1.7	63
7	Preferential solvation of Cl ⁻ in binary equimolecular water-methanol mixtures. Journal of the Chemical Society, Faraday Transactions, 1992, 88, 3537-3540.	1.7	13
8	Preferential solvation in acetonitrile-water mixtures. Relationship between solvatochromic parameters and standard pH values. Journal of the Chemical Society, Faraday Transactions, 1994, 90, 3287-3292.	1.7	78
9	Comparison between solvatochromic and chromatographic studies of anthraquinones in binary aqueous mixtures. Analytica Chimica Acta, 1995, 306, 81-89.	2.6	18
10	The relation of solvent heats of mixing to the enthalpies of proton transfer of some amines in methanol-water mixtures. Journal of Solution Chemistry, 1995, 24, 1099-1107.	0.6	2
11	Preferential solvation in three component systems: Evaluation of Kirkwood-Buff parameters. Journal of Solution Chemistry, 1995, 24, 301-310.	0.6	6
12	Conductance study of the thermodynamics of some transition and heavy metal cryptates in binary acetonitrile-dimethylsulfoxide mixtures. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 1995, 20, 157-171.	1.6	25
13	Assignment of reference pH-values to primary standard buffer solutions for standardization of potentiometric sensors in acetonitrile-water mixtures. Fresenius' Journal of Analytical Chemistry, 1995, 353, 148-155.	1.5	73
14	Assignment of reference pH-values to primary standard buffer solutions for standardization of potentiometric sensors in acetonitrile-water mixtures. Analytical and Bioanalytical Chemistry, 1995, 353, 148-155.	1.9	16
15	Preferential solvation in mixed binary solvent. Journal of the Chemical Society, Faraday Transactions, 1995, 91, 631.	1.7	41
16	Preferential solvation in binary mixtures. Comparison between the quasi-lattice quasi-chemical model and the stepwise solvent exchange model. Journal of the Chemical Society, Faraday Transactions, 1996, 92, 2569.	1.7	3
17	UV-VIS spectroscopic study of preferential solvation in mixed binary solvents at various temperatures. Journal of the Chemical Society, Faraday Transactions, 1996, 92, 1499-1502.	1.7	16
18	Solution photophysics of ketocyanine dyes in neat and mixed binary solvents. Journal of Photochemistry and Photobiology A: Chemistry, 1996, 101, 57-62.	2.0	22

#	ARTICLE	IF	CITATIONS
19	An NMR study of the stoichiometry and stability of lithium ion complexes with 12-crown-4, 15-crown-5 an 18-crown-6 in binary Acetonitrile-Nitrobenzene mixtures. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 1996, 26, 243-251.	1.6	36
20	Protonation equilibria of quinolone antibacterials in acetonitrile-water mobile phases used in LC. <i>Talanta</i> , 1997, 44, 1271-1283.	2.9	63
21	The solubility and solvation of salts in mixed nonaqueous solvents. 2. Potassium halides in mixed protic solvents. <i>Journal of Solution Chemistry</i> , 1997, 26, 1-12.	0.6	6
22	Factor analysis applied to the correlation between dissociation constants and solvatochromic parameters in water-acetonitrile mixtures. <i>TrAC - Trends in Analytical Chemistry</i> , 1997, 16, 104-111.	5.8	56
23	Factor analysis applied to correlation between acidity constants of series of diuretics, quinolones and buffers, with solvatochromic parameters in water-acetonitrile mixtures. <i>Analytica Chimica Acta</i> , 1997, 347, 385-393.	2.6	14
24	Evaluation of acidity constants and preferential solvation in tetrahydrofuran-water mixtures. <i>Polyhedron</i> , 1999, 18, 3281-3288.	1.0	9
25	Assignment of pHS values of reference buffer solutions for standardization of potentiometric sensors in THF-water. <i>Polyhedron</i> , 1999, 18, 3361-3367.	1.0	17
26	Solvent effects on mobile phases used in liquid chromatography: factor analysis applied to protonation equilibria and solvatochromic parameters. <i>TrAC - Trends in Analytical Chemistry</i> , 1999, 18, 472-479.	5.8	23
27	Chromatographic behaviour of ionizable compounds in liquid chromatography. Part 1. pH scale, pKa and pHS values for standard buffers in tetrahydrofuran-water. <i>Analytica Chimica Acta</i> , 1999, 389, 31-42.	2.6	22
28	Autoprotolysis Constants and Standardization of pH Measurements in Tetrahydrofuran-Water Mixtures. <i>Electroanalysis</i> , 1999, 11, 627-631.	1.5	8
29	Preferential solvation in the THF-water mixtures. Dissociation constants of acid components of pH reference materials. <i>Physical Chemistry Chemical Physics</i> , 1999, 1, 295-298.	1.3	20
30	Solvation in binary mixtures of dipolar hard sphere solvents: Theory and simulations. <i>Journal of Chemical Physics</i> , 2000, 113, 2360-2368.	1.2	9
31	Individual solvation number of first-row transition metal(II) ions in solvent mixtures of N,N-dimethylformamide and N,N-dimethylacetamide-Solvation steric effect. <i>Physical Chemistry Chemical Physics</i> , 2001, 3, 5475-5481.	1.3	38
32	UV visible spectroscopic study of solvation of 2,6-diphenyl-4(2,4,6-triphenyl-1-pyridino)phenolate in ternary solvent mixtures. <i>Chemical Physics Letters</i> , 2001, 341, 255-262.	1.2	9
33	UV-Vis spectroscopic study of solvation in the ternary mixture methanol+ethanol+acetone. <i>Chemical Physics Letters</i> , 2002, 364, 621-627.	1.2	12
34	Mechanistic Studies of the Separation of an HIV Protease Inhibitor from Its Piperazine Diastereomer by Reversed Phase High Performance Liquid Chromatography. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2003, 26, 3343-3355.	0.5	0
35	Fluorimetric study of solvation in ternary solvent mixtures. Ketocyanine dye in ethanol+benzene+water and ethanol+benzene+acetone. <i>Journal of Molecular Liquids</i> , 2004, 111, 19-24.	2.3	17
36	Preferential solvation of Ag ⁺ ions in acrylonitrile/water mixtures studied by FT-Raman spectroscopy. <i>Vibrational Spectroscopy</i> , 2004, 34, 225-230.	1.2	7

#	ARTICLE	IF	CITATIONS
37	Enthalpy of mixing of univalent electrolyte solutions at different ionic strengths at 308.15K in aqua-DMF mixed solvent system. <i>Thermochimica Acta</i> , 2005, 427, 101-107.	1.2	4
38	Study of Solvent Effects on the Protonation of Functional Group of Disubstituted Anilines: Factor Analysis Applied to the Correlation between Protonation Constants and Solvatochromic Parameters in Ethanol-Water Mixtures. <i>Monatshefte für Chemie</i> , 2005, 136, 1993-2006.	0.9	5
39	The Standard Partial Molar Volumes of Ions in Solution. Part 3. Volumes in Solvent Mixtures Where Preferential Solvation Takes Place. <i>Journal of Solution Chemistry</i> , 2005, 34, 317-331.	0.6	15
40	Solute-Solvent Interaction Effects on Protonation Equilibrium of Substituted N-Benzylidene-2-hydroxyanilines in Aqueous Ethanol: The Application of Factor Analysis to Solvatochromic Parameters and Protonation Equilibria. <i>Monatshefte für Chemie</i> , 2006, 137, 703-716.	0.9	8
41	2-Amino-7-nitro-fluorenes in Neat and Mixed Solvents Optical Band Shapes and Solvatochromism. <i>Journal of Physical Chemistry A</i> , 2007, 111, 10944-10952.	1.1	25
42	A Proton NMR Study of the Stoichiometry and Stability of 18-Crown-6 Complexes with K ⁺ , Rb ⁺ and Tl ⁺ Ions in Binary Dimethyl Sulfoxide-Nitrobenzene Mixtures. <i>Journal of Solution Chemistry</i> , 2008, 37, 657-664.	0.6	21
43	Electronic Spectroscopic Study of Solvation of a Ketocyanine Dye in Ternary Solvent Mixtures. <i>Journal of Physical Chemistry B</i> , 2008, 112, 9847-9852.	1.2	13
44	Solvation and Complex Formation of Ions and Behavior of Electrolytes. , 0, , 27-61.		3
45	Modeling Preferential Solvation in Ternary Solvent Systems. <i>Journal of Physical Chemistry B</i> , 2009, 113, 3071-3079.	1.2	18
46	Shared solvation of sodium ions in alcohol-water solutions explains the non-ideality of free energy of solvation. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 15423.	1.3	5
47	Attraction between like-charge surfaces in polar mixtures. <i>Europhysics Letters</i> , 2011, 95, 36002.	0.7	20
48	Preferential solvation and solvation shell composition of free base and protonated 5, 10, 15, 20-tetrakis(4-sulfonatophenyl)porphyrin in aqueous organic mixed solvents. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011, 83, 213-220.	2.0	34
49	Synthesis and spectroscopic investigation of a novel solvatochromic dye. <i>Journal of Luminescence</i> , 2011, 131, 1731-1738.	1.5	19
50	Determination of the Dissociation Constants of Some Macrolide Antibiotics in Methanol-Water Binary Mixtures by UV-Spectroscopy and Correlations with the Kamlet and Taft Solvatochromic Parameters. <i>Journal of Solution Chemistry</i> , 2012, 41, 1352-1363.	0.6	8
51	Ions. , 2012, , 49-98.		0
53	Spectral Investigations of Preferential Solvation and Solute-Solvent Interactions of Free Base and Protonated 5,10,15,20-Tetrakis(4-trimethyl-ammonio-phenyl)-porphine Tetratosylate in Aqueous Organic Mixed Solvents. <i>Journal of Solution Chemistry</i> , 2013, 42, 1083-1095.	0.6	13
54	Charge density-dependent coil-globule transition of alkali metal polycarboxylates in aqueous organic solvent mixtures. <i>Colloid and Polymer Science</i> , 2013, 291, 1453-1462.	1.0	9
55	NF in organic solvent/water mixtures: Role of preferential solvation. <i>Journal of Membrane Science</i> , 2013, 444, 101-115.	4.1	35

#	ARTICLE	IF	CITATIONS
56	Molecular Dynamics Investigation of Alkali Metal Ions in Liquid and Aqueous Ammonia. Journal of Chemical Theory and Computation, 2013, 9, 2324-2338.	2.3	25
57	Solvatochromic and preferential solvation of fluorescein in some water-alcoholic mixed solvents. Journal of Molecular Liquids, 2014, 190, 126-132.	2.3	37
59	Solvation structure and dynamics of K ⁺ in aqueous ammonia solution: Insights from an ONIOM-XS MD simulation. Chemical Physics Letters, 2015, 633, 152-157.	1.2	11
60	Structural and Thermodynamic Properties of the Cm ^{III} Ion Solvated by Water and Methanol. Inorganic Chemistry, 2016, 55, 4992-4999.	1.9	13
61	Temperature-Induced Swelling of Alkali Metal Polyacrylate Gels in Aqueous Organic Solvent Mixtures. Journal of Macromolecular Science - Physics, 2017, 56, 324-347.	0.4	0
62	Charging and Release Mechanisms of Flexible Macromolecules in Droplets. Journal of the American Society for Mass Spectrometry, 2017, 28, 2262-2279.	1.2	10
63	Competitive Interactions Within Cm(III) Solvation in Binary Water/Methanol Solutions. Inorganic Chemistry, 2018, 57, 10050-10058.	1.9	7
64	<i>110th Anniversary</i>: Theory of Activity Coefficients for Lithium Salts in Aqueous and Nonaqueous Solvents and in Solvent Mixtures. Industrial & Engineering Chemistry Research, 2019, 58, 18367-18377.	1.8	13
65	Effects of electrospray mechanisms and structural relaxation on polylactide ion conformations in the gas phase: insights from ion mobility spectrometry and molecular dynamics simulations. Physical Chemistry Chemical Physics, 2020, 22, 4193-4204.	1.3	9
66	Viscometric Studies of Ion Solvation of Some Alkali Metal Salts in 2-Aminoethanol + N,N-Dimethylacetamide Binary Mixtures at 298.15 K and 308.15 K. Asian Journal of Chemistry, 2021, 33, 2924-2928.	0.1	1
67	Essential Aspects of Solvent Effects and Solution Conditions upon the Modeling and Simulation of Lanthanide and Actinide Complexes. ACS Symposium Series, 0, , 249-276.	0.5	3