

Shin-Ichi Ishiguro

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Conformational Equilibrium of Bis(trifluoromethanesulfonyl) Imide Anion of a Room-Temperature Ionic Liquid: A Raman Spectroscopic Study and DFT Calculations. <i>Journal of Physical Chemistry B</i> , 2006, 110, 8179-8183.	1.2	333
2	Lithium Ion Solvation in Room-Temperature Ionic Liquids Involving Bis(trifluoromethanesulfonyl) Imide Anion Studied by Raman Spectroscopy and DFT Calculations. <i>Journal of Physical Chemistry B</i> , 2007, 111, 13028-13032.	1.2	321
3	Evidence of Conformational Equilibrium of 1-Ethyl-3-methylimidazolium in Its Ionic Liquid Salts: A Raman Spectroscopic Study and Quantum Chemical Calculations. <i>Journal of Physical Chemistry A</i> , 2005, 109, 8976-8982.	1.1	199
4	Liquid Structure of Room-Temperature Ionic Liquid, 1-Ethyl-3-methylimidazolium Bis-(trifluoromethanesulfonyl) Imide. <i>Journal of Physical Chemistry B</i> , 2008, 112, 4329-4336.	1.2	159
5	Experimental evidences for molecular origin of low- Q peak in neutron/x-ray scattering of 1-alkyl-3-methylimidazolium bis(trifluoromethanesulfonyl)amide ionic liquids. <i>Journal of Chemical Physics</i> , 2011, 135, 244502.	1.2	140
6	Solvation Structure of Li ⁺ in Concentrated LiPF ₆ Propylene Carbonate Solutions. <i>Journal of Physical Chemistry B</i> , 2007, 111, 6104-6109.	1.2	131
7	A Tale of Two Ions: The Conformational Landscapes of Bis(trifluoromethanesulfonyl)amide and <i>N,N</i> -Dialkylpyrrolidinium. <i>Journal of Physical Chemistry B</i> , 2008, 112, 1465-1472.	1.2	128
8	Anion Conformation of Low-Viscosity Room-Temperature Ionic Liquid 1-Ethyl-3-methylimidazolium Bis(fluorosulfonyl) Imide. <i>Journal of Physical Chemistry B</i> , 2007, 111, 12829-12833.	1.2	127
9	Structural Heterogeneity and Unique Distorted Hydrogen Bonding in Primary Ammonium Nitrate Ionic Liquids Studied by High-Energy X-ray Diffraction Experiments and MD Simulations. <i>Journal of Physical Chemistry B</i> , 2012, 116, 2801-2813.	1.2	116
10	Structure of Liquid <i>N,N</i> -Dimethylformamide Studied by Means of X-Ray Diffraction. <i>Bulletin of the Chemical Society of Japan</i> , 1983, 56, 3406-3409.	2.0	110
11	Ion-ion interactions of LiPF ₆ and LiBF ₄ in propylene carbonate solutions. <i>Journal of Molecular Liquids</i> , 2009, 148, 99-108.	2.3	107
12	Raman Spectroscopic Studies and Ab Initio Calculations on Conformational Isomerism of 1-Butyl-3-methylimidazolium Bis-(trifluoromethanesulfonyl)amide Solvated to a Lithium Ion in Ionic Liquids: Effects of the Second Solvation Sphere of the Lithium Ion. <i>Journal of Physical Chemistry B</i> , 2010, 114, 6513-6521.	1.2	107
13	Liquid Structure and the Ion-Ion Interactions of Ethylammonium Nitrate Ionic Liquid Studied by Large Angle X-Ray Scattering and Molecular Dynamics Simulations. <i>Journal of Computer Chemistry Japan</i> , 2008, 7, 125-134.	0.0	97
14	Potential Energy Landscape of Bis(fluorosulfonyl)amide. <i>Journal of Physical Chemistry B</i> , 2008, 112, 9449-9455.	1.2	81
15	Relationships between center atom species (N, P) and ionic conductivity, viscosity, density, self-diffusion coefficient of quaternary cation room-temperature ionic liquids. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 3509.	1.3	80
16	Solvation Structures of Some Transition Metal(II) Ions in a Room-Temperature Ionic Liquid, 1-Ethyl-3-methylimidazolium Bis(trifluoromethanesulfonyl)amide. <i>Analytical Sciences</i> , 2008, 24, 1377-1380.	0.8	76
17	Liquid structure and conformation of a low-viscosity ionic liquid, <i>N</i> -methyl- <i>N</i> -propyl-pyrrolidinium bis(fluorosulfonyl) imide studied by high-energy X-ray scattering. <i>Journal of Molecular Liquids</i> , 2008, 143, 64-69.	2.3	75
18	Conformational structure of room temperature ionic liquid <i>N</i> -butyl- <i>N</i> -methyl-pyrrolidinium bis(trifluoromethanesulfonyl) imide: Raman spectroscopic study and DFT calculations. <i>Journal of Molecular Liquids</i> , 2007, 131-132, 216-224.	2.3	73

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19	Analysis of Complexation Equilibria of Polyacrylic Acid by a Donnan-Based Concept. <i>Journal of Colloid and Interface Science</i> , 1997, 187, 259-266.	5.0	70
20	Dependence of the Conformational Isomerism in 1- <i>n</i> -Butyl-3-methylimidazolium Ionic Liquids on the Nature of the Halide Anion. <i>Journal of Physical Chemistry B</i> , 2010, 114, 11715-11724.	1.2	66
21	Strong and weak solvation steric effects on lanthanoid(III) ions in N,N-dimethylformamide $\hat{=}$ N,N-dimethylacetamide mixtures. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1998, 94, 3607-3612.	1.7	65
22	Solvation of Lithium Ion in N,N-Diethyl-N-methyl-N-(2-methoxyethyl)ammonium Bis(trifluoromethanesulfonyl)-amide Using Raman and Multinuclear NMR Spectroscopy. <i>Analytical Sciences</i> , 2008, 24, 1291-1296.	0.8	64
23	Free-Energy and Structural Analysis of Ion Solvation and Contact Ion-Pair Formation of Li ⁺ with BF ₄ ⁻ and PF ₆ ⁻ in Water and Carbonate Solvents. <i>Journal of Physical Chemistry B</i> , 2012, 116, 6476-6487.	1.2	63
24	Calorimetric and Spectrophotometric Studies of Chloro Complexes of Nickel(II) and Zinc(II) Ions in N,N-Dimethylformamide. <i>Bulletin of the Chemical Society of Japan</i> , 1987, 60, 531-538.	2.0	61
25	Acid-Base Property of Ethylammonium Nitrate Ionic Liquid Directly Obtained Using Ion-selective Field Effect Transistor Electrode. <i>Chemistry Letters</i> , 2007, 36, 684-685.	0.7	61
26	Acid-Base Property of <i>n</i> -Methylimidazolium-Based Protic Ionic Liquids Depending on Anion. <i>Journal of Physical Chemistry B</i> , 2012, 116, 14146-14152.	1.2	57
27	Raman Spectroscopic Study, DFT Calculations and MD Simulations on the Conformational Isomerism of <i>N</i> -Alkyl- <i>N</i> -methylpyrrolidinium Bis-(trifluoromethanesulfonyl) Amide Ionic Liquids. <i>Journal of Physical Chemistry B</i> , 2009, 113, 4338-4346.	1.2	56
28	Liquid structure of <i>N</i> -butyl- <i>N</i> -methylpyrrolidinium bis-(trifluoromethanesulfonyl) amide ionic liquid studied by large angle X-ray scattering and molecular dynamics simulations. <i>Journal of Molecular Liquids</i> , 2008, 143, 2-7.	2.3	54
29	Acidity and Basicity of Aqueous Mixtures of a Protic Ionic Liquid, Ethylammonium Nitrate. <i>Analytical Sciences</i> , 2008, 24, 1347-1349.	0.8	54
30	Ion-ion interaction in room temperature ionic liquid 1-ethyl-3-methylimidazolium tetrafluoroborate studied by large angle X-ray scattering experiment and molecular dynamics simulations. <i>Journal of Molecular Liquids</i> , 2009, 147, 77-82.	2.3	53
31	On the Complexation of Cd(II) Ions with Polyacrylic Acid. <i>Journal of Colloid and Interface Science</i> , 1996, 184, 279-288.	5.0	46
32	Liquid Structure and Preferential Solvation of Metal Ions in Solvent Mixtures of N,N-Dimethylformamide and <i>N</i> -Methylformamide. <i>Journal of Physical Chemistry A</i> , 2006, 110, 1798-1804.	1.1	46
33	Calorimetric and Spectrophotometric Studies on Formation of Copper(II) Chloride Complexes in N,N-Dimethylformamide. <i>Bulletin of the Chemical Society of Japan</i> , 1985, 58, 1143-1148.	2.0	45
34	Complex Formation and Solvation of [CuCl _n](2 ⁻ⁿ) ⁻ in Acetonitrile and in N,N-Dimethylformamide. <i>Bulletin of the Chemical Society of Japan</i> , 1985, 58, 1749-1754.	2.0	44
35	Structural change of ionic association in ionic liquid/water mixtures: A high-pressure infrared spectroscopic study. <i>Journal of Chemical Physics</i> , 2009, 130, 124503.	1.2	43
36	An X-Ray Diffraction Study on the Structure of Solvated Cadmium(II) Ion and Tetrathiocyanatocadmiate(II) Complex in N,N-Dimethylformamide. <i>Bulletin of the Chemical Society of Japan</i> , 1989, 62, 1875-1879.	2.0	41

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37	Calorimetric and spectrophotometric studies of chloro complexes of manganese(II) and cobalt(II) ions in N,N-dimethylformamide. <i>Journal of the Chemical Society Faraday Transactions I</i> , 1988, 84, 2409.	1.0	39
38	Thermodynamic and Structural Aspects on Solvation Steric Effect in Nonaqueous Solution. <i>Bulletin of the Chemical Society of Japan</i> , 1997, 70, 1465-1477.	2.0	38
39	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
40	Raman Spectroscopic Study on Alkaline Metal Ion Solvation in 1-Butyl-3-methylimidazolium Bis(trifluoromethanesulfonyl)amide Ionic Liquid. <i>Analytical Sciences</i> , 2008, 24, 1297-1304.	0.8	38
41	Formation of chloro complexes of manganese(II), cobalt(II), nickel(II) and zinc(II) in dimethyl sulphoxide. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1990, 86, 2179.	1.7	35
42	Solvation structure of magnesium, zinc, and alkaline earth metal ions in N,N-dimethylformamide, N,N-dimethylacetamide, and their mixtures studied by means of Raman spectroscopy and DFT calculations. Ionic size and electronic effects on steric congestion. <i>Journal of Raman Spectroscopy</i> , 2007, 38, 417-426.	1.2	33
43	Calorimetric and ¹⁹⁵ Pt NMR Studies on Aromatic Ring Stacking between Nucleotides and Platinum DNA Intercalators. <i>Bulletin of the Chemical Society of Japan</i> , 1995, 68, 2093-2102.	2.0	31
44	Individual Solvation Numbers around the Nickel (II) Ion in an N,N-Dimethylformamide and N,N-Dimethylacetamide Mixture Determined by Raman Spectrophotometry. <i>Analytical Sciences</i> , 2001, 17, 323-326.	0.8	31
45	On-Line Controlled Calorimetry System and Its Application to Study on Complex Formation Equilibria between Zinc(II) and Thiocyanate Ions in Aqueous Solution. <i>Analytical Sciences</i> , 1985, 1, 263-269.	0.8	30
46	THERMODYNAMIC AND STRUCTURAL STUDIES OF METAL COMPLEXES IN VARIOUS SOLVENTS. <i>Journal of Coordination Chemistry</i> , 1987, 15, 237-306.	0.8	30
47	Physicochemical and Acid-base Properties of a Series of 2-Hydroxyethylammonium-based Protic Ionic Liquids. <i>Analytical Sciences</i> , 2012, 28, 469-474.	0.8	30
48	Solvation and microscopic properties of ionic liquid/acetone nitrile mixtures probed by high-pressure infrared spectroscopy. <i>Journal of Chemical Physics</i> , 2009, 131, 234502.	1.2	29
49	Solvation structure of lanthanide(III) ions in solvent mixtures of N,N-dimethylformamide and N,N-dimethylacetamide studied by titration Raman spectroscopy. Electronic supplementary information (ESI) available: Crystallographic data (single crystal, [Gd(DMF) ₄ (DMA) ₄](ClO ₄) ₃), (CCDC reference) Tj ETQq1 1 0.784314 rg38 / Over 2002, 4, 5589-5605.	1.1	28
50	Thermodynamic Study of the Solvation States of Acid and Base in a Protic Ionic Liquid, Ethylammonium Nitrate, and Its Aqueous Mixtures. <i>Chemistry Letters</i> , 2010, 39, 578-579.	0.7	27
51	Thermodynamics and Structures of Complexes in Solvents Coordinating through Nitrogen. III. Equilibrium and Enthalpy Measurements on the Copper(I) and Silver(I) Chloride, Bromide, Iodide and Thiocyanate Systems in Pyridine. <i>Acta Chemica Scandinavica</i> , 1986, 40a, 418-427.	0.7	25
52	Calorimetric and Spectrophotometric Studies of Copper(II) Chloro Complexes in Dimethyl Sulfoxide. <i>Bulletin of the Chemical Society of Japan</i> , 1986, 59, 2407-2413.	2.0	24
53	Inner-sphere and outer-sphere complexes of yttrium(III), lanthanum(III), neodymium(III), terbium(III) and thulium(III) with halide ions in N,N-dimethylformamide. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1991, 87, 3379.	1.7	24
54	On the complexation of Ag(I) and Cu(II) ions with poly(N-vinylimidazole). <i>Reactive and Functional Polymers</i> , 1998, 38, 183-195.	2.0	24

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55	Conformational equilibria of solvent N,N-dimethylpropionamide in the bulk and in the coordination sphere of the manganese(II) ion. Electronic supplementary information (ESI) available: non-planar staggered and planar cis Gaussian results. See http://www.rsc.org/suppdata/cp/b3/b302143b/ . <i>Physical Chemistry Chemical Physics</i> , 2003, 5, 2552.	1.3	24
56	Calorimetric and Spectrophotometric Studies of Ternary Copper(II) Complexes with Bromide Ions and 2,2'-Bipyridyl in N,N-Dimethylformamide. <i>Bulletin of the Chemical Society of Japan</i> , 1987, 60, 2053-2058.	2.0	23
57	Calorimetric and spectrophotometric studies of complexation of manganese(II), cobalt(II) and nickel(II) with bromide ions in N,N-dimethylformamide. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1990, 86, 271.	1.7	23
58	Heats of solvation of the mercury(II), silver(I) and copper(I) ions, and of some of their halogeno complexes, in solvents of different coordinating properties. <i>Inorganica Chimica Acta</i> , 1988, 142, 277-284.	1.2	22
59	Solvation Structure of Copper(II) Ion in N,N-Dimethylformamide and N,N-Dimethylformamide-Acetonitrile Mixtures Determined by the X-Ray Diffraction Method. <i>Bulletin of the Chemical Society of Japan</i> , 1988, 61, 945-951.	2.0	21
60	Characterization of Metal Ions in Coordinating Solvent Mixtures by Means of Raman Spectroscopy. <i>Analytical Sciences</i> , 2004, 20, 415-421.	0.8	21
61	A fluorescent EXAFS study on the structure of the solvated cobalt(II) ion and chlorocobalt(II) complexes in hexamethylphosphoric triamide. <i>Inorganica Chimica Acta</i> , 1992, 191, 183-188.	1.2	20
62	A Thermodynamic Study on Hydrolytic Reactions of Lead(II) Ion in an Aqueous Solution and Dioxane-Water Mixtures. I. A Potentiometric Study. <i>Bulletin of the Chemical Society of Japan</i> , 1980, 53, 2221-2227.	2.0	18
63	Sterically controlled complexation of manganese(II) and cobalt(II) with chloride ions in N,N-dimethylacetamide. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1993, 89, 3055.	1.7	18
64	Solution Equilibria of Binary and Ternary Zinc(II) Halogeno Complexes in N,N-Dimethylacetamide. <i>Bulletin of the Chemical Society of Japan</i> , 1994, 67, 1320-1326.	2.0	18
65	Formation of Copper(II) Thiocyanato and Cadmium(II) Iodo Complexes in Micelles of Nonionic Surfactants with Varying Poly(ethylene oxide) Chain Lengths. <i>Journal of Colloid and Interface Science</i> , 2000, 225, 112-118.	5.0	18
66	Conformation of Solvent N,N-Dimethylpropionamide in the Coordination Sphere of the Zinc(II) Ion Studied by Raman Spectroscopy and DFT Calculations. <i>Journal of Physical Chemistry A</i> , 2005, 109, 4862-4868.	1.1	18
67	Surface Analysis of Ionic Liquids with and without Lithium Salt Using X-ray Photoelectron Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2012, 116, 10870-10875.	1.2	18
68	Enthalpies of Transfer of Single Ions and Metal Complexes from Water to an Aqueous Dioxane Solution. <i>Bulletin of the Chemical Society of Japan</i> , 1984, 57, 2622-2627.	2.0	16
69	A calorimetric study of N,N-dimethylformamide complexes of copper(II) in acetonitrile. <i>Journal of Solution Chemistry</i> , 1987, 16, 1-10.	0.6	16
70	Unusual thermodynamic behaviour on complexation of cobalt(II) with chloride, bromide and iodide ions in hexamethylphosphoric triamide. <i>Journal of the Chemical Society Faraday Transactions I</i> , 1989, 85, 3747.	1.0	16
71	Solvent Effects on the Formation of Copper(II) Chloro Complexes in Acetonitrile-Dimethyl Sulfoxide Mixtures. <i>Bulletin of the Chemical Society of Japan</i> , 1989, 62, 39-44.	2.0	16
72	Structure of Cobalt(II) Ion and Tri- and Tetrachlorocobaltate(II) Complexes in N,N-Dimethylformamide Determined by the Fluorescent EXAFS Method. <i>Bulletin of the Chemical Society of Japan</i> , 1991, 64, 1528-1532.	2.0	16

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73	Solvation and Protonation of 1,10-Phenanthroline in Aqueous Dioxane Solutions. Bulletin of the Chemical Society of Japan, 1985, 58, 932-937.	2.0	15
74	Spectrophotometric and Calorimetric Studies on Nickel(II) Chloro Complexes in Acetonitrile.. Bulletin of the Chemical Society of Japan, 1993, 66, 83-88.	2.0	15
75	Molar enthalpies of transfer of divalent transition metal ions and their chloro complexes from N,N-dimethylformamide to N,N-dimethylacetamide. Journal of Solution Chemistry, 1995, 24, 511-522.	0.6	15
76	Steric solvent effect on formation thermodynamics and structure of halogeno complexes of lanthanide(III) ions in N,N-dimethylacetamide. Journal of the Chemical Society, Faraday Transactions, 1996, 92, 1869.	1.7	15
77	Potentiometric and Calorimetric Studies on the Formation of Ethylenediamine Complexes of Nickel(II) Ion in Water and Dioxane-Water Mixtures. Bulletin of the Chemical Society of Japan, 1983, 56, 2426-2431.	2.0	14
78	Calorimetric and Raman Spectroscopic Studies of Cadmium(II) Thiocyanato Complexes in N,N-Dimethylformamide. Bulletin of the Chemical Society of Japan, 1988, 61, 3901-3906.	2.0	14
79	Steric interaction of solvation and sterically enhanced halogeno complexation of manganese(II), cobalt(II) and nickel(II) ions in N,N-dimethylacetamide. Journal of Solution Chemistry, 1994, 23, 1257-1270.	0.6	14
80	Thermodynamics of $[\text{Co}(\text{NCS})_4]^{2-}$ at Poly(ethylene Oxide) and Octylphenyl Moieties in Micelles of Nonionic Surfactants. Journal of Colloid and Interface Science, 2001, 237, 167-173.	5.0	14
81	Thermodynamic Aspects of Metal-Ion Complexation in the Structured Solvent, N-Methylformamide. Journal of Solution Chemistry, 2005, 34, 739-753.	0.6	14
82	Structure, solvation, and acid-base property in ionic liquids. Pure and Applied Chemistry, 2010, 82, 1927-1941.	0.9	14
83	A Thermodynamic Study on the Hydrolysis of Beryllium Ion in Dioxane-Water Mixed Solvents. Bulletin of the Chemical Society of Japan, 1979, 52, 3198-3203.	2.0	13
84	A Thermodynamic Study on Hydrolytic Reactions of Lead(II) Ions in an Aqueous Solution and Dioxane-Water Mixtures. II. A Calorimetric Study. Bulletin of the Chemical Society of Japan, 1981, 54, 335-342.	2.0	13
85	Calorimetric and Spectrophotometric Studies of Bromo Complexes of Copper(II) in N,N-Dimethylformamide. Bulletin of the Chemical Society of Japan, 1987, 60, 1691-1698.	2.0	13
86	A Calorimetric Study of Ternary Zinc(II) Complexes with Chloride Ions and 2,2'-Bipyridyl in N,N-Dimethylformamide. Bulletin of the Chemical Society of Japan, 1987, 60, 2865-2869.	2.0	13
87	Solvent conformation and ion solvation: From molecular to ionic liquids. Pure and Applied Chemistry, 2006, 78, 1595-1609.	0.9	13
88	Solvation and halogeno complexation of the cadmium(II) ion in hexamethylphosphoric triamide. Journal of the Chemical Society, Faraday Transactions, 1992, 88, 1997.	1.7	12
89	Steric effect on solvation and complexation of metal ions in solution. Pure and Applied Chemistry, 1994, 66, 393-398.	0.9	12
90	Spectrophotometric study of thiocyanato complexation of cobalt(II) and nickel(II) ions in micellar solutions of a nonionic surfactant triton X-100. Journal of Solution Chemistry, 1996, 25, 731-746.	0.6	12

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91	Thiocyanato and Iodo Complexation of Cadmium(II) Ions in Micellar Solutions of a Nonionic Surfactant Triton X-100. <i>Journal of Colloid and Interface Science</i> , 1997, 191, 391-397.	5.0	12
92	Effect of 2,2'-Bipyridine on Nickel(II)-Halide Interactions within Their Ternary Complexes in N,N-Dimethylformamide. <i>Bulletin of the Chemical Society of Japan</i> , 1989, 62, 2392-2393.	2.0	11
93	Thermodynamics of formation of binary and ternary complexes of zinc(II) with halide and thiocyanate ions and 2,2'-bipyridine in dimethylformamide. <i>Journal of the Chemical Society Dalton Transactions</i> , 1990, , 2035-2041.	1.1	11
94	X-Ray Diffraction Study of the Solvation Structure of the Cobalt(II) Ion in N,N-Dimethylformamide Solution. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 1995, 50, 301-306.	0.7	11
95	Unusual behaviour of thiocyanato complexation with copper(II) and zinc(II) ions in micellar solutions of a non-ionic surfactant Triton X-100. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1997, 93, 1377-1381.	1.7	11
96	Solvation structure and bromo complexation of neodymium(III) and yttrium(III) ions in solvent mixtures of N,N-dimethylformamide and N,N-dimethylacetamide. <i>Physical Chemistry Chemical Physics</i> , 1999, 1, 2725-2732.	1.3	11
97	Thermodynamics and Structures of Complexes in Solvents Coordinating Through Nitrogen. II. Equilibrium and Enthalpy Measurements on the Mercury(II) Chloride, Bromide, Iodide and Thiocyanate Systems in Pyridine.. <i>Acta Chemica Scandinavica</i> , 1985, 39a, 227-240.	0.7	11
98	Solvation and complexation equilibria of nickel(II) thiocyanato complexes in N,N-dimethylacetamide. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1995, 91, 2313.	1.7	10
99	Raman Spectroscopic Study and DFT Calculations on the Conformation of 5-azonia-spiro[4.4]nonane Cation in Crystal and Dimethyl Carbonate Solution. <i>Electrochemistry</i> , 2007, 75, 628-634.	0.6	10
100	Vibrational spectroscopy and molecular orbital calculations of N,N-dimethylacrylamide and N,N-dimethylpropionamide - Conformational equilibrium in the liquid state -. <i>Journal of Molecular Liquids</i> , 2007, 136, 138-146.	2.3	10
101	Potentiometric and Calorimetric Studies on the Formation of Ethylenediamine Complexes of Copper(II) Ion in Water and Aqueous Dioxane Solutions. <i>Bulletin of the Chemical Society of Japan</i> , 1984, 57, 391-394.	2.0	9
102	Calorimetric and Raman Spectroscopic Studies on Formation of Cadmium(II) Thiocyanato Complexes in Aqueous Solution. <i>Bulletin of the Chemical Society of Japan</i> , 1986, 59, 1009-1014.	2.0	9
103	An X-Ray Diffraction Study on the Structures of Monochloropentakis(N,N-dimethylformamide)copper(II), Trichloromono(N,N-dimethylformamide) and Tetrachlorocuprate(II) Complexes in N,N-Dimethylformamide. <i>Bulletin of the Chemical Society of Japan</i> , 1988, 61, 715-722.	2.0	9
104	Steric solvent effect on small and large cations: calorimetric study of halogeno and thiocyanato complexes of beryllium(II) and cadmium(II) in N,N-dimethylacetamide. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1995, 91, 3851.	1.7	9
105	Raman Spectra of Aqua and Hydroxo Complexes of Beryllium (II) in Aqueous Solution. <i>Electrochemistry</i> , 1978, 46, 553-559.	0.3	9
106	Potentiometric and Spectrophotometric Studies of Fluoride Complexes of Uranium(IV). <i>Bulletin of the Chemical Society of Japan</i> , 1974, 47, 1665-1668.	2.0	8
107	²⁷ Al NMR STUDY ON THE COMPLEXATION OF LONG-CHAIN POLYPHOSPHATE ANIONS. <i>Phosphorus Research Bulletin</i> , 1996, 6, 281-284.	0.1	8
108	Potentiometric and Calorimetric Studies on Formation of Glycinato Complexes of Nickel(II) in Water and in an Aqueous Dioxane Solution. <i>Bulletin of the Chemical Society of Japan</i> , 1986, 59, 1487-1491.	2.0	7

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109	A Calorimetric Study on the Formation of $[CuCl_n](2\hat{\sim}n)^+(n=1\hat{\sim}4)$ in Acetonitrile $\hat{\sim}$ N,N-Dimethylformamide Mixtures. Bulletin of the Chemical Society of Japan, 1986, 59, 1073-1078.	2.0	7
110	Solvation and complexation of copper (II) and chloride ions in 2,2,2-trifluoroethanol $\hat{\sim}$ dimethyl sulfoxide mixtures. Journal of the Chemical Society Faraday Transactions I, 1989, 85, 2587.	1.0	7
111	Spectrophotometric and calorimetric studies on the formation of binary (2,2 $\hat{\sim}$ -bipyridine) nickel(II) and ternary (2,2 $\hat{\sim}$ -bipyridine) chloronickel(II) complexes in N,N-dimethylformamide. Journal of the Chemical Society Dalton Transactions, 1989, , 655-659.	1.1	7
112	X-Ray Diffraction Studies on the Structure of the Tri- and Tetrathiocyanatomanganate(II) Complexes and Solvated Lithium Ion in N,N-Dimethylformamide. Bulletin of the Chemical Society of Japan, 1992, 65, 1445-1452.	2.0	7
113	Binary and ternary complexes involving manganese(II), 2,2 $\hat{\sim}$ -bipyridine and halide or thiocyanate ions in N,N-dimethylformamide. Journal of Solution Chemistry, 1997, 26, 997-1010.	0.6	7
114	Solvation Structure and Complexation of the Manganese(II) Ion in N,N-Dimethylpropionamide and N,N,N $\hat{\sim}$,N $\hat{\sim}$ -2-Tetramethylurea Studied by Means of Titration Calorimetry and Raman Spectroscopy. Journal of Solution Chemistry, 2005, 34, 1429-1443.	0.6	7
115	Thermodynamic Quantities of Transfer of Glycinato and $\hat{\imath}^2$ -Alaninato Complexes of Silver(I) and Related Species from Water to an Aqueous Dioxane Solution. Bulletin of the Chemical Society of Japan, 1986, 59, 2599-2606.	2.0	6
116	Thermodynamics of Formation of Ternary (2,2 $\hat{\sim}$ -Bipyridine)thiocyanatocadmium(II) Complexes in N,N-Dimethylformamide. Bulletin of the Chemical Society of Japan, 1990, 63, 3030-3032.	2.0	6
117	EXAFS and X-Ray Diffraction Studies on the Structure of the Tetrathiocyanatocadmiate(II) Complex in Dimethyl Sulfoxide. Bulletin of the Chemical Society of Japan, 1992, 65, 2104-2113.	2.0	6
118	$\hat{\sim}$ SUP $\hat{\sim}$ 27 $\hat{\sim}$ SUP $\hat{\sim}$ Al NMR STUDY ON MULTIDENTATE COMPLEXATION BEHAVIOR OF $\hat{\sim}$ I $\hat{\sim}$ CYCLO $\hat{\sim}$ I $\hat{\sim}$ TRI $\hat{\sim}$ IMIDO TRIPHOSPHATE ANIONS. Phosphorus Research Bulletin, 1996, 6, 9-12.	0.1	6
119	Solution equilibria of zinc(II) and cadmium(II) complexes with 2,2 $\hat{\sim}$ -bipyridine in N,N-dimethylacetamide at 25 $\hat{\sim}$ 1/2C. Journal of Solution Chemistry, 1996, 25, 1261-1270.	0.6	6
120	A Potentiometric Study on Complex Formation of Silver(I) Ion with Glycine and $\hat{\imath}^2$ -Alanine in Aqueous Solution. Bulletin of the Chemical Society of Japan, 1980, 53, 2865-2867.	2.0	5
121	Distribution thermodynamics of 1,10-phenanthroline in non-ionic surfactant Triton X-100 micelles. Physical Chemistry Chemical Physics, 2001, 3, 824-828.	1.3	5
122	Title is missing!. Journal of Solution Chemistry, 2002, 31, 931-946.	0.6	5
123	Kinetic solvation steric effect at the transition state of reaction between trichlorocobaltate(II) and chloride ions in N,N-dimethylformamide and dimethyl sulfoxide. Journal of Molecular Liquids, 2005, 119, 177-182.	2.3	5
124	Solvation and halogeno complexation of the manganese(II) ion in N-methyl-2-pyrrolidone. Journal of Molecular Liquids, 2005, 119, 167-170.	2.3	5
125	Thermodynamics and Structure of Isothiocyanate Complexes of Manganese(II), Cobalt(II) and Zinc(II) Ions in N,N-Dimethylacetamide. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 1995, 50, 11-17.	0.7	4
126	Thermodynamics and Fluorescence Spectra of 1,10-Phenanthroline in Micelles of Poly (Ethylene) Tj ETQq0 0 0 rgBT /Overlock_10 Tf 50 6	0.6	4

#	ARTICLE	IF	CITATIONS
127	Calorimetric study on complexation of copper(II) ion with some amide solvents in acetonitrile. <i>Thermochimica Acta</i> , 2005, 431, 29-32.	1.2	4
128	Thermodynamics and structure of chloro-complexes of aluminium(III) in N,N-dimethylformamide and N,N-dimethylacetamide. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1998, 94, 647-651.	1.7	3
129	Solvation Number and Conformation of N, N-Dimethylacrylamide and N, N-Dimethylpropionamide in the Coordination Sphere of the Cobalt(II) Ion in Solution Studied by FT-IR and FT-Raman Spectroscopy. <i>Analytical Sciences</i> , 2007, 23, 835-840.	0.8	3
130	Thermodynamics of adduct formation of [Ni(dtp) ₂] (dtp = (C ₂ H ₅ O) ₂ PS ₂) with some nitrogen-donor bases in benzene. <i>Inorganica Chimica Acta</i> , 1991, 180, 111-115.	1.2	2
131	A Physicochemical Study on the Origin of the Imprinting Effect. <i>ACS Symposium Series</i> , 1998, , 290-297.	0.5	1
132	Title is missing!. <i>Journal of Solution Chemistry</i> , 2000, 29, 101-129.	0.6	1
133	A thermodynamic study on hydrolytic reactions of divalent metal ions in aqueous and dioxane-water mixed solvents. <i>Inorganica Chimica Acta</i> , 1980, 40, X170-X171.	1.2	0
134	ON THE CATALYTIC EFFECT OF INORGANIC POLYPHOSPHATE ANIONS ON THE ELECTRON-TRANSFER REACTION OF Fe ²⁺ /[Co(NH ₃) ₅ Cl] ²⁺ SYSTEM. <i>Phosphorus Research Bulletin</i> , 1996, 6, 159-162.	0.1	0
135	ENZYME-CATALYZED HYDROLYSIS OF PYROPHOSPHATE: EFFECT OF LANTHANUM ION. <i>Phosphorus Research Bulletin</i> , 1996, 6, 201-204.	0.1	0
136	Characterization of Metal Ions in Coordinating Solvent Mixtures by Means of Raman Spectroscopy. <i>ChemInform</i> , 2004, 35, no.	0.1	0
137	Hysteretic Behavior on the Heat of Protonation of Diethylenetriamine in Aqueous Solution. <i>Chemistry Letters</i> , 2004, 33, 186-187.	0.7	0
138	Binuclear ¹⁴ Perchlorato Complexes of Alkaline Earth Metal Ions Studied by Electrospray Ionization Mass Spectrometry and DFT Calculations. <i>Chemistry Letters</i> , 2006, 35, 1118-1119.	0.7	0
139	éžæ°æ²æ²Â-ã,ã,ãf³æ²ä½“ãé...; ©ãÿæ€šãþHæ,ã©š. <i>Electrochemistry</i> , 2010, 78, 687-692.	0.6	0
140	Metal Ion Complexation in Surfactant Solutions. , 0, , 4177-4187.		0