Kenta Fujii

List of Publications by Year in descending order

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126 papers	5,252 citations	76196 40 h-index	95083 68 g-index
129 all docs	129 docs citations	129 times ranked	3926 citing authors

#	Article	IF	Citations
1	A Homogeneous Polymer Network Organogel Prepared in Concentrated Lithium-ion Battery Electrolytes Using a Nonflammable Fluorinated Solvent. Chemistry Letters, 2022, 51, 412-415.	0.7	3
2	Polyether-based solid electrolytes with a homogeneous polymer network: effect of the salt concentration on the Li-ion coordination structure. Physical Chemistry Chemical Physics, 2022, , .	1.3	1
3	Fluorophosphate-Based Nonflammable Concentrated Electrolytes with a Designed Lithium-Ion-Ordered Structure: Relationship between the Bulk Electrolyte and Electrode Interface Structures. ACS Applied Materials & Interfaces, 2021, 13, 6201-6207.	4.0	16
4	Anion effects on Li ion transference number and dynamic ion correlations in glymeâ€“Li salt equimolar mixtures. Physical Chemistry Chemical Physics, 2021, 23, 2622-2629.	1.3	30
5	Polymer network formation mechanism of multifunctional poly(ethylene glycol)s in ionic liquid electrolyte with a lithium salt. Physical Chemistry Chemical Physics, 2021, 23, 16966-16972.	1.3	5
6	Tetra-arm Poly(ethylene glycol)-based Ion Gels with Controlled Polymer Network Defects: Application to Lithium-ion Battery Gel Electrolytes. Chemistry Letters, 2021, 50, 1508-1511.	0.7	5
7	Ni- and Cu-co-Intercalated Layered Manganese Oxide for Highly Efficient Electro-Oxidation of Ammonia Selective to Nitrogen. ACS Applied Materials & Interfaces, 2021, 13, 28098-28107.	4.0	28
8	Local Structure of Li⁺ in Superconcentrated Aqueous LiTFSA Solutions. Journal of Physical Chemistry B, 2021, 125, 7477-7484.	1.2	9
9	2,2,2-Trifluoroethyl Acetate as an Electrolyte Solvent for Lithium-Ion Batteries: Effect of Weak Solvation on Electrochemical and Structural Characteristics. Journal of Physical Chemistry C, 2021, 125, 27098-27105.	1.5	5
10	Importance of Lithium Coordination Structure to Lithium-Ion Transport in Polyether Electrolytes with Cyanoethoxy Side Chains: An Experimental and Theoretical Approach. Macromolecules, 2020, 53, 9480-9490.	2.2	8
11	Local structure of a highly concentrated NaClO4 aqueous solution-type electrolyte for sodium ion batteries. Physical Chemistry Chemical Physics, 2020, 22, 26452-26458.	1.3	18
12	Structural study on Ti-ion complexes in concentrated aqueous electrolytes: Raman spectroscopy and high-energy X-ray total scattering. Journal of Molecular Liquids, 2020, 305, 112867.	2.3	2
13	Lithium-ion coordination-induced conformational change of PEG chains in ionic-liquid-based electrolytes. Physical Chemistry Chemical Physics, 2020, 22, 5561-5567.	1.3	20
14	Polymer Gel Electrolyte Prepared by â€œSalting-Inâ€•Poly(ethylene glycol) into a Phosphonium-Based Ionic Liquid with a Lithium Salt. ACS Applied Polymer Materials, 2020, 2, 1276-1282.	2.0	20
15	A Bilayer Structure Composed of Mg | Co-MnO₂ Deposited on a Co(OH)₂ Film to Realize Selective Oxygen Evolution from Chloride-Containing Water. Langmuir, 2020, 36, 5227-5235.	1.6	40
16	Physicochemical and Structural Properties of a Hydrophobicity/Hydrophilicity Switchable Ionic Liquid. Journal of Physical Chemistry B, 2020, 124, 3784-3790.	1.2	6
17	Solvation Structure of Li⁺ in Concentrated Acetonitrile and N,N-Dimethylformamide Solutions Studied by Neutron Diffraction with ⁶Li/⁷Li Isotopic Substitution Methods. Journal of Physical Chemistry B, 2020, 124, 10456-10464.	1.2	9
18	Single-ion catalyst of Ni2+ anchored in the interlayer space of layered MnO2 for electro-oxidation of ethanol in alkaline electrolyte. Electrochemistry Communications, 2019, 105, 106492.	2.3	10

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19	An ionic liquid gel with ultralow concentrations of tetra-arm polymers: Gelation kinetics and mechanical and ion-conducting properties. Polymer, 2019, 166, 38-43.	1.8	24
20	TetraPEG Network Formation via a Michael Addition Reaction in an Ionic Liquid: Application to Polymer Gel Electrolyte for Electric Double-layer Capacitors. Chemistry Letters, 2019, 48, 704-707.	0.7	11
21	Solvation Structure of Poly(benzyl methacrylate) in a Solvate Ionic Liquid: Preferential Solvation of Liâ€“Glyme Complex Cation. Journal of Physical Chemistry B, 2019, 123, 4098-4107.	1.2	2
22	Fluorinated alkyl-phosphate-based electrolytes with controlled lithium-ion coordination structure. Physical Chemistry Chemical Physics, 2019, 21, 11435-11443.	1.3	11
23	Role of Solvent Size in Ordered Ionic Structure Formation in Concentrated Electrolytes for Lithium-Ion Batteries. Journal of Physical Chemistry C, 2019, 123, 8699-8708.	1.5	22
24	Anion Coordination Characteristics of Ion-pair Complexes in Highly Concentrated Aqueous Lithium Bis(trifluoromethane- sulfonyl)amide Electrolytes. Analytical Sciences, 2019, 35, 289-294.	0.8	15
25	Solvation-controlled lithium-ion complexes in a nonflammable solvent containing ethylene carbonate: structural and electrochemical aspects. Physical Chemistry Chemical Physics, 2018, 20, 6480-6486.	1.3	18
26	Solvation Structure Analysis of Lithium Ion in Concentrated Lithium Salt Solutions Using Raman Spectroscopy. Bunseki Kagaku, 2018, 67, 727-732.	0.1	1
27	Ion Gel Network Formation in an Ionic Liquid Studied by Time-Resolved Small-Angle Neutron Scattering. Journal of Physical Chemistry B, 2018, 122, 9419-9424.	1.2	8
28	Structural Study on Magnesium Ion Solvation in Diglyme-Based Electrolytes: IR Spectroscopy and DFT Calculations. Journal of Physical Chemistry B, 2018, 122, 8712-8717.	1.2	24
29	Local structures of titanium-ion complexes in redox flow battery electrolytes as revealed by X-ray scattering with difference analysis. Journal of Molecular Liquids, 2018, 261, 468-472.	2.3	5
30	Electrochemical Properties of a TetraPEG-based Gel Electrolyte Containing a Nonflammable Fluorinated Alkyl Phosphate for Safer Lithium-ion Batteries. Chemistry Letters, 2018, 47, 909-912.	0.7	12
31	Small-angle X-ray scattering study on nano-scale structures controlled by water content in a binary water/ionic liquid system. Physical Chemistry Chemical Physics, 2018, 20, 18355-18360.	1.3	6
32	Characteristics of the electric double-layer capacitors using organic electrolyte solutions containing different alkylammonium cations. Electrochimica Acta, 2018, 281, 510-516.	2.6	18
33	Role of polar side chains in Li⁺coordination and transport properties of polyoxetane-based polymer electrolytes. Physical Chemistry Chemical Physics, 2017, 19, 5185-5194.	1.3	19
34	Effect of protonation on the solvation structure of solute N-butylamine in an aprotic ionic liquid. Physical Chemistry Chemical Physics, 2017, 19, 8194-8200.	1.3	3
35	Microscopic Structure of Solvated Poly(benzyl methacrylate) in an Imidazolium-Based Ionic Liquid: High-Energy X-ray Total Scattering and All-Atom MD Simulation Study. Macromolecules, 2017, 50, 4780-4786.	2.2	27
36	Hydrogen bonding in protic and aprotic amide mixtures: Low-frequency Raman spectroscopy, small-angle neutron scattering, and molecular dynamics simulations. Journal of Molecular Liquids, 2017, 238, 518-522.	2.3	3

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37	Ion-solvation structure and battery electrode characteristics of nonflammable organic electrolytes based on tris(trifluoroethyl)phosphate dissolving lithium salts. Physical Chemistry Chemical Physics, 2017, 19, 31085-31093.	1.3	11
38	Long-Range Ion-Ordering in Salt-Concentrated Lithium-Ion Battery Electrolytes: A Combined High-Energy X-ray Total Scattering and Molecular Dynamics Simulation Study. Journal of Physical Chemistry C, 2017, 121, 22720-22726.	1.5	32
39	Defect-free network formation and swelling behavior in ionic liquid-based electrolytes of tetra-arm polymers synthesized using a Michael addition reaction. Physical Chemistry Chemical Physics, 2017, 19, 29984-29990.	1.3	23
40	Solvation state of sodium tetraphenylborate in 3-methylpyridine and its aqueous solutions. Journal of Molecular Liquids, 2017, 248, 53-59.	2.3	4
41	Solvated Structure of Cellulose in a Phosphonate-Based Ionic Liquid. Macromolecules, 2017, 50, 6509-6517.	2.2	25
42	Role of Solvent Bulkiness on Lithium-Ion Solvation in Fluorinated Alkyl Phosphate-Based Electrolytes: Structural Study for Designing Nonflammable Lithium-Ion Batteries. Journal of Physical Chemistry C, 2017, 121, 19112-19119.	1.5	31
43	Steric effect on Li⁺ coordination and transport properties in polyoxetane-based polymer electrolytes bearing nitrile groups. RSC Advances, 2017, 7, 37975-37982.	1.7	20
44	Experimental Observation of Two Features Unexpected from the Classical Theories of Rubber Elasticity. Physical Review Letters, 2017, 119, 267801.	2.9	31
45	Degradation Characteristics of Electric Double-Layer Capacitors Consisting of High Surface Area Carbon Electrodes with Organic Electrolyte Solutions. Electrochimica Acta, 2016, 209, 210-218.	2.6	34
46	Thermal and electrochemical properties of nonflammable electrolyte solutions containing fluorinated alkylphosphates for lithium-ion batteries. Journal of Power Sources, 2016, 332, 322-329.	4.0	41
47	Raman Spectroscopic Speciation Analyses and Liquid Structures by High-Energy X-ray Total Scattering and Molecular Dynamics Simulations for N-methylimidazolium-Based Protic Ionic Liquids. Bulletin of the Chemical Society of Japan, 2016, 89, 965-972.	2.0	5
48	Structural and Electrochemical Properties of Li Ion Solvation Complexes in the Salt-Concentrated Electrolytes Using an Aprotic Donor Solvent, N,N-Dimethylformamide. Journal of Physical Chemistry C, 2016, 120, 17196-17204.	1.5	72
49	Pressure Response of a Thermoresponsive Polymer in an Ionic Liquid. Macromolecules, 2016, 49, 8249-8253.	2.2	5
50	SANS study on the solvated structure and molecular interactions of a thermo-responsive polymer in a room temperature ionic liquid. Physical Chemistry Chemical Physics, 2016, 18, 17881-17889.	1.3	15
51	Influences of Residual Water in High Specific Surface Area Carbon on the Capacitor Performances in an Organic Electrolyte Solution. Electrochimica Acta, 2016, 206, 427-431.	2.6	6
52	Local structure of Li+ in concentrated LiPF6â€“dimethyl carbonate solutions. Journal of Molecular Liquids, 2016, 217, 17-22.	2.3	24
53	Nearly Ideal Polymer Network Ion Gel Prepared in pH-Buffering Ionic Liquid. Macromolecules, 2016, 49, 344-352.	2.2	48
54	Hydrogen bond in imidazolium based protic and aprotic ionic liquids. Journal of Molecular Liquids, 2016, 217, 35-42.	2.3	45

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55	Carbon Dioxide Separation Using a High-toughness Ion Gel with a Tetra-armed Polymer Network. Chemistry Letters, 2015, 44, 17-19.	0.7	34
56	Microscopic Solvation Structure of Glucose in 1-Ethyl-3-methylimidazolium Methylphosphonate Ionic Liquid. Journal of Physical Chemistry B, 2015, 119, 6262-6270.	1.2	9
57	High-performance gel electrolytes with tetra-armed polymer network for Li ion batteries. Journal of Power Sources, 2015, 286, 470-474.	4.0	41
58	Gelation Mechanism of Tetra-armed Poly(ethylene glycol) in Aprotic Ionic Liquid Containing Nonvolatile Proton Source, Protic Ionic Liquid. Journal of Physical Chemistry B, 2015, 119, 4795-4801.	1.2	14
59	Solvation of Magnesium Ion in Triglyme-Based Electrolyte Solutions. Journal of Physical Chemistry C, 2015, 119, 18911-18917.	1.5	73
60	Relationship between low-Q peak and long-range ordering of ionic liquids revealed by high-energy X-ray total scattering. Physical Chemistry Chemical Physics, 2015, 17, 17838-17843.	1.3	19
61	High-Energy X-ray Diffraction and MD Simulation Study on the Ion-Ion Interactions in 1-Ethyl-3-methylimidazolium Bis(fluorosulfonyl)amide. Journal of Solution Chemistry, 2014, 43, 1655-1668.	0.6	11
62	Kinetic Aspect on Gelation Mechanism of Tetra-PEG Hydrogel. Macromolecules, 2014, 47, 3274-3281.	2.2	76
63	Water-in-Ionic Liquid Microemulsion Formation in Solvent Mixture of Aprotic and Protic Imidazolium-Based Ionic Liquids. Langmuir, 2014, 30, 11890-11896.	1.6	29
64	Small-Angle Neutron Scattering Study on Defect-Controlled Polymer Networks. Macromolecules, 2014, 47, 1801-1809.	2.2	43
65	SANS and DLS Study of Tacticity Effects on Hydrophobicity and Phase Separation of Poly(N-isopropylacrylamide). Macromolecules, 2013, 46, 6225-6232.	2.2	65
66	Acidâ€“base property of protic ionic liquid, 1-alkylimidazolium bis(trifluoromethanesulfonyl)amide studied by potentiometric titration. Journal of Molecular Liquids, 2013, 188, 143-147.	2.3	20
67	Small-Angle Neutron Scattering Study on Aggregation of 1-Alkyl-3-methylimidazolium Based Ionic Liquids in Aqueous Solution. Journal of Solution Chemistry, 2013, 42, 1888-1901.	0.6	13
68	Gelation process of Tetra-PEG ion-gel investigated by time-resolved dynamic light scattering. Polymer, 2013, 54, 1160-1166.	1.8	20
69	Solvation Structure of Poly(ethylene glycol) in Ionic Liquids Studied by High-energy X-ray Diffraction and Molecular Dynamics Simulations. Macromolecules, 2013, 46, 2369-2375.	2.2	33
70	Unusual Li⁺Ion Solvation Structure in Bis(fluorosulfonyl)amide Based Ionic Liquid. Journal of Physical Chemistry C, 2013, 117, 19314-19324.	1.5	133
71	Structural Study on the UCST-Type Phase Separation of Poly(N-isopropylacrylamide) in Ionic Liquid. Macromolecules, 2013, 46, 1101-1106.	2.2	31
72	Communication: Collective dynamics of room-temperature ionic liquids and their Li ion solutions studied by high-resolution inelastic X-ray scattering. Journal of Chemical Physics, 2013, 138, 151101.	1.2	15

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73	BrÃ¸nsted Basicity of Solute Butylamine in an Aprotic Ionic Liquid Investigated by Potentiometric Titration. Chemistry Letters, 2013, 42, 1250-1251.	0.7	16
74	Specific Solvation of Benzyl Methacrylate in 1-Ethyl-3-methylimidazolium Bis(trifluoromethanesulfonyl)amide Ionic Liquid. Analytical Sciences, 2013, 29, 311-314.	0.8	27
75	Structural Study on Polymer in Ionic Liquid System. Hamon, 2013, 23, 127-130.	0.0	0
76	Structure and Properties of High Performance Gels Made by Module Assembling Method. Materials Research Society Symposia Proceedings, 2012, 1418, 99.	0.1	0
77	Rubber elasticity for incomplete polymer networks. Journal of Chemical Physics, 2012, 137, 224903.	1.2	40
78	Relationship between mesoscale dynamics and shear relaxation of ionic liquids with long alkyl chain. Journal of Chemical Physics, 2012, 137, 104511.	1.2	35
79	Structural Analysis of High Performance Ion-Gel Comprising Tetra-PEG Network. Macromolecules, 2012, 45, 3902-3909.	2.2	42
80	Structural Heterogeneity and Unique Distorted Hydrogen Bonding in Primary Ammonium Nitrate Ionic Liquids Studied by High-Energy X-ray Diffraction Experiments and MD Simulations. Journal of Physical Chemistry B, 2012, 116, 2801-2813.	1.2	116
81	Kinetic Study for AB-Type Coupling Reaction of Tetra-Arm Polymers. Macromolecules, 2012, 45, 1031-1036.	2.2	45
82	High-performance ion gel with tetra-PEG network. Soft Matter, 2012, 8, 1756-1759.	1.2	129
83	Effects of Lithium Salts on Shear Relaxation Spectra of Pyrrolidinium-Based Ionic Liquids. Journal of Physical Chemistry B, 2012, 116, 7322-7327.	1.2	4
84	Examination of the Theories of Rubber Elasticity Using an Ideal Polymer Network. Macromolecules, 2011, 44, 5817-5821.	2.2	133
85	Liquid Structure of and Li⁺ Ion Solvation in Bis(trifluoromethanesulfonyl)amide Based Ionic Liquids Composed of 1-Ethyl-3-methylimidazolium and N-Methyl-N-propylpyrrolidinium Cations. Journal of Physical Chemistry B, 2011, 115, 12179-12191.	1.2	102
86	Structural aspects of the LCST phase behavior of poly(benzyl methacrylate) in room-temperature ionic liquid. Polymer, 2011, 52, 1589-1595.	1.8	58
87	Experimental evidences for molecular origin of low-Q peak in neutron/x-ray scattering of 1-alkyl-3-methylimidazolium bis(trifluoromethanesulfonyl)amide ionic liquids. Journal of Chemical Physics, 2011, 135, 244502.	1.2	140
88	Structure, solvation, and acidâ€“base property in ionic liquids. Pure and Applied Chemistry, 2010, 82, 1927-1941.	0.9	14
89	Studies on the translational and rotational motions of ionic liquids composed of N-methyl-N-propyl-pyrrolidinium (P13) cation and bis(trifluoromethanesulfonyl)amide and bis(fluorosulfonyl)amide anions and their binary systems including lithium salts. Journal of Chemical Physics, 2010, 133, 194505.	1.2	129
90	Solvation of the Amphiphilic Diol Molecule in Aliphatic Alcoholâ^'Water and Fluorinated Alcoholâ^'Water Solutions. Journal of Physical Chemistry B, 2010, 114, 4252-4260.	1.2	23

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91	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. Journal of Physical Chemistry B, 2010, 114, 6513-6521.	1.2	107
92	Dependence of the Conformational Isomerism in 1-n-Butyl-3-methylimidazolium Ionic Liquids on the Nature of the Halide Anion. Journal of Physical Chemistry B, 2010, 114, 11715-11724.	1.2	66
93	Effects of the alkyl-chain length on the mixing state of imidazolium-based ionic liquidâ€“methanol solutions. Physical Chemistry Chemical Physics, 2010, 12, 12316.	1.3	78
94	Solvation and microscopic properties of ionic liquid/acetonitrile mixtures probed by high-pressure infrared spectroscopy. Journal of Chemical Physics, 2009, 131, 234502.	1.2	29
95	Structural change of ionic association in ionic liquid/water mixtures: A high-pressure infrared spectroscopic study. Journal of Chemical Physics, 2009, 130, 124503.	1.2	43
96	Ionâ€“ion interaction in room temperature ionic liquid 1-ethyl-3-methylimidazolium tetrafluoroborate studied by large angle X-ray scattering experiment and molecular dynamics simulations. Journal of Molecular Liquids, 2009, 147, 77-82.	2.3	53
97	Raman Spectroscopic Study, DFT Calculations and MD Simulations on the Conformational Isomerism of N-Alkyl-N-methylpyrrolidinium Bis-(trifluoromethanesulfonyl) Amide Ionic Liquids. Journal of Physical Chemistry B, 2009, 113, 4338-4346.	1.2	56
98	Relationships between center atom species (N, P) and ionic conductivity, viscosity, density, self-diffusion coefficient of quaternary cation room-temperature ionic liquids. Physical Chemistry Chemical Physics, 2009, 11, 3509.	1.3	80
99	Effect of Methylation at the C2 Position of Imidazolium on the Structure of Ionic Liquids Revealed by Large Angle X-ray Scattering Experiments and MD Simulations. Chemistry Letters, 2009, 38, 340-341.	0.7	42
100	Liquid structure of N-butyl-N-methylpyrrolidinium bis-(trifluoromethanesulfonyl) amide ionic liquid studied by large angle X-ray scattering and molecular dynamics simulations. Journal of Molecular Liquids, 2008, 143, 2-7.	2.3	54
101	Liquid structure and conformation of a low-viscosity ionic liquid, N-methyl-N-propyl-pyrrolidinium bis(fluorosulfonyl) imide studied by high-energy X-ray scattering. Journal of Molecular Liquids, 2008, 143, 64-69.	2.3	75
102	Liquid Structure of Room-Temperature Ionic Liquid, 1-Ethyl-3-methylimidazolium Bis-(trifluoromethanesulfonyl) Imide. Journal of Physical Chemistry B, 2008, 112, 4329-4336.	1.2	159
103	A Tale of Two Ions:â€‰ The Conformational Landscapes of Bis(trifluoromethanesulfonyl)amide and N,N-Dialkylpyrrolidinium. Journal of Physical Chemistry B, 2008, 112, 1465-1472.	1.2	128
104	Potential Energy Landscape of Bis(fluorosulfonyl)amide. Journal of Physical Chemistry B, 2008, 112, 9449-9455.	1.2	81
105	Micro-solvent Cluster Extraction Using Aqueous Mixed Solvents of Ionic Liquid. Analytical Sciences, 2008, 24, 1239-1244.	0.8	14
106	Aggregation of Imidazolium Ionic Liquids in Molecular Liquids Studied by Small-Angle Neutron Scattering and NMR. Analytical Sciences, 2008, 24, 1285-1290.	0.8	30
107	Solvation of Lithium Ion in N,N-Diethyl-N-methyl-N-(2-methoxyethyl)ammonium Bis(trifluoromethanesulfonyl)-amide Using Raman and Multinuclear NMR Spectroscopy. Analytical Sciences, 2008, 24, 1291-1296.	0.8	64
108	Raman Spectroscopic Study on Alkaline Metal Ion Solvation in 1-Butyl-3-methylimidazolium Bis(trifluoromethanesulfonyl)amide Ionic Liquid. Analytical Sciences, 2008, 24, 1297-1304.	0.8	38

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109	Solvation Structures of Some Transition Metal(II) Ions in a Room-Temperature Ionic Liquid, 1-Ethyl-3-methylimidazolium Bis(trifluoromethanesulfonyl)amide. Analytical Sciences, 2008, 24, 1377-1380.	0.8	76
110	Liquid Structure and the Ion-Ion Interactions of Ethylammonium Nitrate Ionic Liquid Studied by Large Angle X-Ray Scattering and Molecular Dynamics Simulations. Journal of Computer Chemistry Japan, 2008, 7, 125-134.	0.0	97
111	Raman Spectroscopic Study and DFT Calculations on the Conformation of 5-azonia-spiro[4.4]nonane Cation in Crystal and Dimethyl Carbonate Solution. Electrochemistry, 2007, 75, 628-634.	0.6	10
112	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. Analytical Sciences, 2007, 23, 835-840.	0.8	3
113	Anion Conformation of Low-Viscosity Room-Temperature Ionic Liquid 1-Ethyl-3-methylimidazolium Bis(fluorosulfonyl) Imide. Journal of Physical Chemistry B, 2007, 111, 12829-12833.	1.2	127
114	Lithium Ion Solvation in Room-Temperature Ionic Liquids Involving Bis(trifluoromethanesulfonyl) Imide Anion Studied by Raman Spectroscopy and DFT Calculations. Journal of Physical Chemistry B, 2007, 111, 13028-13032.	1.2	321
115	Solvation structure of magnesium, zinc, and alkaline earth metal ions inN,N-dimethylformamide,N,N-dimethylacetamide, and their mixtures studied by means of Raman spectroscopy and DFT calculationsâ€"Ionic size and electronic effects on steric congestion. Journal of Raman Spectroscopy, 2007, 38, 417-426.	1.2	33
116	Conformational structure of room temperature ionic liquid N-butyl-N-methyl-pyrrolidinium bis(trifluoromethanesulfonyl) imide â€" Raman spectroscopic study and DFT calculations. Journal of Molecular Liquids, 2007, 131-132, 216-224.	2.3	73
117	Vibrational spectroscopy and molecular orbital calculations of N,N-dimethylacrylamide and N,N-dimethylpropionamide â€“ Conformational equilibrium in the liquid state â€“. Journal of Molecular Liquids, 2007, 136, 138-146.	2.3	10
118	Liquid Structure and Preferential Solvation of Metal Ions in Solvent Mixtures of N,N-Dimethylformamide and N-Methylformamide. Journal of Physical Chemistry A, 2006, 110, 1798-1804.	1.1	46
119	Conformational Equilibrium of Bis(trifluoromethanesulfonyl) Imide Anion of a Room-Temperature Ionic Liquid:Â Raman Spectroscopic Study and DFT Calculations. Journal of Physical Chemistry B, 2006, 110, 8179-8183.	1.2	333
120	Solvent conformation and ion solvation: From molecular to ionic liquids. Pure and Applied Chemistry, 2006, 78, 1595-1609.	0.9	13
121	Calorimetric study on complexation of copper(II) ion with some amide solvents in acetonitrile. Thermochimica Acta, 2005, 431, 29-32.	1.2	4
122	Evidence of Conformational Equilibrium of 1-Ethyl-3-methylimidazolium in Its Ionic Liquid Salts:Â Raman Spectroscopic Study and Quantum Chemical Calculations. Journal of Physical Chemistry A, 2005, 109, 8976-8982.	1.1	199
123	Thermodynamic Aspects of Metalâ€"Ion Complexation in the Structured Solvent, N-Methylformamide. Journal of Solution Chemistry, 2005, 34, 739-753.	0.6	14
124	Solvation Structure and Complexation of the Manganese(II) Ion in N,N-Dimethylpropionamide and N,N,Nâ€²,Nâ€²-Tetramethylurea Studied by Means of Titration Calorimetry and Raman Spectroscopy. Journal of Solution Chemistry, 2005, 34, 1429-1443.	0.6	7
125	Conformation of SolventN,N-Dimethylpropionamide in the Coordination Sphere of the Zinc(II) Ion Studied by Raman Spectroscopy and DFT Calculations. Journal of Physical Chemistry A, 2005, 109, 4862-4868.	1.1	18
126	Propiononitrile as an Extraction Solvent for the Ion-Pair Complexes of Water-Soluble Tetracationic Porphyrinatocopper(II) with Perchlorate: The Effect of Sodium Chloride. Bulletin of the Chemical Society of Japan, 2004, 77, 511-517.	2.0	1