

Room temperature ionic liquids as novel media for  $\text{Cu}^{2+}$

Chemical Communications

, 1765-1766

DOI: 10.1039/a803999b

Citation Report

#	ARTICLE	IF	CITATIONS
1	Thiazolium-ion based organic ionic liquids (OILs).1,2 Novel OILs which promote the benzoin condensation. Tetrahedron Letters, 1999, 40, 1621-1622.	0.7	147
2	Chapter 5.4 Five Membered Ring Systems: With More than One N Atom. Progress in Heterocyclic Chemistry, 1999, 11, 163-183.	0.5	5
3	Examination of Ionic Liquids and Their Interaction with Molecules, When Used as Stationary Phases in Gas Chromatography. Analytical Chemistry, 1999, 71, 3873-3876.	3.2	615
4	Gold Compounds as Ionic Liquids. Synthesis, Structures, and Thermal Properties of N,Nâ€-Dialkylimidazolium Tetrachloroaurate Salts. Inorganic Chemistry, 1999, 38, 5637-5641.	1.9	145
5	First Observation of Molecular Composition and Orientation at the Surface of a Room-Temperature Ionic Liquid. Langmuir, 1999, 15, 8429-8434.	1.6	172
6	The Heck Reaction in Ionic Liquids:Â A Multiphase Catalyst System. Organic Letters, 1999, 1, 997-1000.	2.4	493
7	Room-temperature ionic liquids as replacements for organic solvents in multiphase bioprocess operations. Biotechnology and Bioengineering, 2000, 69, 227-233.	1.7	543
9	Ionic Liquidsâ€”New â€œSolutionsâ€-for Transition Metal Catalysis. Angewandte Chemie - International Edition, 2000, 39, 3772-3789.	7.2	5,337
10	Ionic liquid modified electrodes. Unusual partitioning and diffusion effects of Fe(CN) <sub>6</sub> <sup>4-</sup> /3 <sup>+</sup> in droplet and thin layer deposits of 1-methyl-3-(2,6-(S)-dimethylocten-2-yl)-imidazolium tetrafluoroborate. Journal of Electroanalytical Chemistry, 2000, 493, 75-83.	1.9	126
11	Enzymatic Catalysis of Formation of Z-Aspartame in Ionic Liquid - An Alternative to Enzymatic Catalysis in Organic Solvents. Biotechnology Progress, 2000, 16, 1129-1131.	1.3	406
12	Solubilization of an Ionic Liquid, l-Butyl-3-methylimidazolium Hexafluorophosphate, in a Surfactant-Water System. Journal of Dispersion Science and Technology, 2000, 21, 185-197.	1.3	55
13	High-Pressure Phase Behavior of Ionic Liquid/CO <sub>2</sub> Systems. Journal of Physical Chemistry B, 2001, 105, 2437-2444.	1.2	945
14	Spontaneous Self-Assembly of Glycolipid Bilayer Membranes in Sugar-philic Ionic Liquids and Formation of Ionogels. Langmuir, 2001, 17, 6759-6761.	1.6	320
15	Electrophilic Nitration of Aromatics in Ionic Liquid Solvents. Journal of Organic Chemistry, 2001, 66, 35-40.	1.7	176
16	The Cybotactic Region Surrounding Fluorescent Probes Dissolved in 1-Butyl-3-methylimidazolium Hexafluorophosphate:Â Effects of Temperature and Added Carbon Dioxide. Journal of Physical Chemistry B, 2001, 105, 9663-9668.	1.2	216
18	New Ionic Liquids and Their Antielectrostatic Properties. Industrial & Engineering Chemistry Research, 2001, 40, 2379-2383.	1.8	183
19	Ionic Liquids:â€‰ Novel Media for Characterization of Radical Ions. Journal of Physical Chemistry A, 2001, 105, 9305-9309.	1.1	101
20	Preparation of Silyl Enol Ethers Using (Bistrimethylsilyl)acetamide in Ionic Liquids. Organic Letters, 2001, 3, 1037-1039.	2.4	43

#	ARTICLE	IF	CITATIONS
21	Electrical Conductance of Sodium Dodecyl Sulfate in Calcium Nitrate Tetrahydrate + Acetamide Melts. <i>Journal of Chemical &amp; Engineering Data</i> , 2001, 46, 574-576.	1.0	6
22	Reaction Kinetics in Ionic Liquids: Pulse Radiolysis Studies of 1-Butyl-3-methylimidazolium Salts. <i>Journal of Physical Chemistry A</i> , 2001, 105, 7607-7614.	1.1	159
23	Ionische Flüssigkeiten – innovative Lösungsmittel. <i>Nachrichten Aus Der Chemie</i> , 2001, 49, 12-16.	0.0	17
24	Alternative methods for the MnO <sub>2</sub> oxidation of codeine methyl ether to thebaine utilizing ionic liquids. <i>Tetrahedron Letters</i> , 2001, 42, 6831-6833.	0.7	26
25	Ionic liquids as a recyclable reaction medium for the Baylis-Hillman reaction. <i>Tetrahedron</i> , 2001, 57, 4189-4193.	1.0	132
26	Ionic liquids as recyclable reaction media for the tetrahydropyranlation of alcohols. <i>Tetrahedron</i> , 2001, 57, 4405-4410.	1.0	59
27	Heterogeneous Heck reaction catalyzed by Pd/C in ionic liquid. <i>Tetrahedron Letters</i> , 2001, 42, 4349-4351.	0.7	144
28	Base-promoted reactions in ionic liquid solvents. The Knoevenagel and Robinson annulation reactions. <i>Tetrahedron Letters</i> , 2001, 42, 6053-6055.	0.7	127
29	Ionic liquid as a green catalytic reaction medium for esterifications. <i>Journal of Molecular Catalysis A</i> , 2001, 165, 33-36.	4.8	114
30	Air oxidation of ethylbenzene catalysed by bis(acetylacetonate)nickel(II) and 1-n-butyl-3-methylimidazolium hexafluorophosphate. <i>Applied Catalysis A: General</i> , 2001, 218, 269-279.	2.2	31
31	Efficient synthesis of 1-alkyl-3-methyl(ethyl)imidazolium halides: Precursors for room temperature ionic liquids. <i>Journal of Heterocyclic Chemistry</i> , 2001, 38, 265-268.	1.4	132
32	Stabilization of $\alpha$ -chymotrypsin by ionic liquids in transesterification reactions. <i>Biotechnology and Bioengineering</i> , 2001, 75, 563-569.	1.7	233
33	$\alpha$ -Chymotrypsin catalysis in imidazolium-based ionic liquids. <i>Biotechnology and Bioengineering</i> , 2001, 75, 181-186.	1.7	209
34	Recovery of Organic Products from Ionic Liquids Using Supercritical Carbon Dioxide. <i>Industrial &amp; Engineering Chemistry Research</i> , 2001, 40, 287-292.	1.8	537
35	SODIUM BOROHYDRIDE REDUCTION OF ALDEHYDES AND KETONES IN THE RECYCLABLE IONIC LIQUID [BMIM]PF <sub>6</sub> . <i>Synthetic Communications</i> , 2001, 31, 2935-2938.	1.1	21
36	Over-stabilization of <i>Candida antarctica</i> lipase B by ionic liquids in ester synthesis. <i>Biotechnology Letters</i> , 2001, 23, 1529-1533.	1.1	223
37	LIQUID/LIQUID EXTRACTION OF METAL IONS IN ROOM TEMPERATURE IONIC LIQUIDS. <i>Separation Science and Technology</i> , 2001, 36, 785-804.	1.3	338
38	Synthesis of 2,4-Disubstituted Indoles via Thermal Cyclization of N-Trifluoroacetyl Enehydrazines. <i>Heterocycles</i> , 2002, 57, 1101.	0.4	10

#	ARTICLE	IF	CITATIONS
39	Ionic Liquids: A New Class of Sensing Materials for Detection of Organic Vapors Based on the Use of a Quartz Crystal Microbalance. <i>Analytical Chemistry</i> , 2002, 74, 2172-2176.	3.2	133
40	Characterizing Ionic Liquids On the Basis of Multiple Solvation Interactions. <i>Journal of the American Chemical Society</i> , 2002, 124, 14247-14254.	6.6	1,036
41	Solvent-Free Sonochemical Preparation of Ionic Liquids. <i>Organic Letters</i> , 2002, 4, 3161-3163.	2.4	196
42	Phase Characterization and Properties of Completely Saturated Quaternary Phosphonium Salts. Ordered, Room-Temperature Ionic Liquids. <i>Chemistry of Materials</i> , 2002, 14, 4063-4072.	3.2	67
43	Electrochemical Polymerization and Characterization of Poly(3-(4-fluorophenyl)thiophene) in Pure Ionic Liquids. <i>Journal of Physical Chemistry B</i> , 2002, 106, 10585-10593.	1.2	123
44	Task-Specific Ionic Liquids Incorporating Novel Cations for the Coordination and Extraction of Hg <sup>2+</sup> and Cd <sup>2+</sup> : Synthesis, Characterization, and Extraction Studies. <i>Environmental Science &amp; Technology</i> , 2002, 36, 2523-2529.	4.6	460
45	A Study of the Ionic Liquid Mediated Microwave Heating of Organic Solvents. <i>Journal of Organic Chemistry</i> , 2002, 67, 3145-3148.	1.7	276
46	Recent Advances in Phase-transfer Catalysis. , 0, , 206-257.		5
47	Correlation of the Melting Points of Potential Ionic Liquids (Imidazolium Bromides and) Tj ETQqO O O rgBT /Overlock 10 Tf 50 427 Td (Be Computer Sciences, 2002, 42, 225-231.	2.8	196
48	Oxidative Addition of Benzyliminium Tetrphenylborate to Pd(dba)(dppe): Synthesis and Catalytic Activity of [(dppe)Pd(dba){1-(N)-PhCH <sub>2</sub> N=CMe <sub>2</sub> }] (BPh <sub>4</sub> ) <sub>2</sub> . <i>European Journal of Inorganic Chemistry</i> , 2002, 2002, 2188-2193.	1.0	8
49	Influence of Structural Variations in 1-Alkyl(aralkyl)-3-Methylimidazolium Hexafluorophosphates and Bis(trifluoromethylsulfonyl)imides on Physical Properties of the Ionic Liquids. <i>ChemPhysChem</i> , 2002, 3, 161-166.	1.0	489
50	Room temperature ionic liquids as replacements for conventional solvents " A review. <i>Korean Journal of Chemical Engineering</i> , 2002, 19, 357-362.	1.2	337
51	Enzymatic reactions in ionic liquids: lipase-catalysed kinetic resolution of racemic, P -chiral hydroxymethanephosphinates and hydroxymethylphosphine oxides. <i>Tetrahedron: Asymmetry</i> , 2002, 13, 735-738.	1.8	72
52	Ion conductive characteristics of ionic liquids prepared by neutralization of alkylimidazoles. <i>Solid State Ionics</i> , 2002, 154-155, 303-309.	1.3	207
53	Phase equilibria of water and ionic liquids [emim][PF <sub>6</sub> ] and [bmim][PF <sub>6</sub> ]. <i>Fluid Phase Equilibria</i> , 2002, 194-197, 1089-1095.	1.4	153
54	The effect of the anion on the chemical shifts of the aromatic hydrogen atoms of liquid 1-butyl-3-methylimidazolium salts. <i>Journal of Physical Organic Chemistry</i> , 2002, 15, 52-55.	0.9	131
55	Atom transfer radical polymerization of acrylates in an ionic liquid: Synthesis of block copolymers. <i>Journal of Polymer Science Part A</i> , 2002, 40, 2799-2809.	2.5	96
56	Atom transfer radical copolymerization of n-hexylmaleimide and styrene in an ionic liquid. <i>Journal of Polymer Science Part A</i> , 2002, 40, 3360-3366.	2.5	62

#	ARTICLE	IF	CITATIONS
57	Cycloaddition of styrene derivatives with quinone catalyzed by ferric ion; remarkable acceleration in an ionic liquid solvent system. <i>Tetrahedron Letters</i> , 2002, 43, 3041-3044.	0.7	58
58	Direct formation of tetrahydropyrans via catalysis in ionic liquid. <i>Tetrahedron Letters</i> , 2002, 43, 4993-4996.	0.7	50
59	The first Bischler-Napieralski cyclization in a room temperature ionic liquid. <i>Tetrahedron Letters</i> , 2002, 43, 5089-5091.	0.7	61
60	An improved preparation of 1,3-dialkylimidazolium tetrafluoroborate ionic liquids using microwaves. <i>Tetrahedron Letters</i> , 2002, 43, 5381-5383.	0.7	93
61	Heck reactions in a non-aqueous ionic liquid using silica supported palladium complex catalysts. <i>Tetrahedron Letters</i> , 2002, 43, 7115-7118.	0.7	68
62	Selective fluorescence quenching of polycyclic aromatic hydrocarbons by nitromethane within room temperature ionic liquid 1-butyl-3-methylimidazolium hexafluorophosphate. <i>Analytica Chimica Acta</i> , 2002, 453, 89-96.	2.6	61
63	Direct electrochemical reduction of hemin in imidazolium-based ionic liquids. <i>Journal of Electroanalytical Chemistry</i> , 2002, 520, 71-78.	1.9	125
64	Lyotropic Liquid-Crystalline Gel Formation in a Room-Temperature Ionic Liquid. <i>Langmuir</i> , 2002, 18, 7258-7260.	1.6	229
65	A Copper-Free Sonogashira Coupling Reaction in Ionic Liquids and Its Application to a Microflow System for Efficient Catalyst Recycling. <i>Organic Letters</i> , 2002, 4, 1691-1694.	2.4	375
66	Title is missing!. <i>Biotechnology Letters</i> , 2002, 24, 1341-1345.	1.1	76
67	Controlling the Aqueous Miscibility of Ionic Liquids: Aqueous Biphasic Systems of Water-Miscible Ionic Liquids and Water-Structuring Salts for Recycle, Metathesis, and Separations. <i>Journal of the American Chemical Society</i> , 2003, 125, 6632-6633.	6.6	949
68	Aldol- and Mannich-Type Reactions via in Situ Olefin Migration in Ionic Liquid. <i>Organic Letters</i> , 2003, 5, 657-660.	2.4	90
69	Use of ionic liquids in a lipase-facilitated supported liquid membrane. <i>Biotechnology Letters</i> , 2003, 25, 805-808.	1.1	62
70	Brønsted Acid-Base Ionic Liquids as Proton-Conducting Nonaqueous Electrolytes. <i>Journal of Physical Chemistry B</i> , 2003, 107, 4024-4033.	1.2	652
71	Diphenylmethane synthesis using ionic liquids as lewis acid catalyst. <i>Korean Journal of Chemical Engineering</i> , 2003, 20, 39-43.	1.2	28
72	Solvent properties of the 1-butyl-3-methylimidazolium hexafluorophosphate ionic liquid. <i>Analytical and Bioanalytical Chemistry</i> , 2003, 375, 191-199.	1.9	479
73	Enzymatic ester synthesis in ionic liquids. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2003, 21, 9-13.	1.8	114
74	Designing Ionic Liquids: 1-Butyl-3-Methylimidazolium Cations with Substituted Tetraphenylborate Counterions. <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 2798-2811.	1.0	56

#	ARTICLE	IF	CITATIONS
75	Sustainable Epoxidation of Electron-Poor Olefins with Hydrogen Peroxide in Ionic Liquids and Recovery of the Products with Supercritical CO <sub>2</sub> . <i>European Journal of Organic Chemistry</i> , 2003, 2003, 4804-4809.	1.2	28
77	Ionische Flüssigkeiten: Innovative Lösungsmittel für die Zweiphasenkatalyse. <i>Chemie in Unserer Zeit</i> , 2003, 37, 52-63.	0.1	29
78	1-Octanol/Water Partition Coefficients of 1-Alkyl-3-methylimidazolium Chloride. <i>Chemistry - A European Journal</i> , 2003, 9, 3033-3041.	1.7	140
79	The Structure of a Room-Temperature Ionic Liquid with and without Trace Amounts of Water: The Role of C-H...O and C-H...F Interactions in 1-n-Butyl-3-Methylimidazolium Tetrafluoroborate. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 4364-4366.		400
80	Dynamics of solvent relaxation in room temperature ionic liquids. <i>Chemical Physics Letters</i> , 2003, 381, 697-704.	1.2	128
81	Intramolecular excimer formation kinetics in room temperature ionic liquids. <i>Chemical Physics Letters</i> , 2003, 376, 638-645.	1.2	56
82	A new family of ionic liquids based on the 1-alkyl-2-methyl pyrrolinium cation. <i>Electrochimica Acta</i> , 2003, 48, 1707-1711.	2.6	61
83	Reversible addition-fragmentation chain transfer polymerization of methacrylate, acrylate and styrene monomers in 1-alkyl-3-methylimidazolium hexfluorophosphate. <i>European Polymer Journal</i> , 2003, 39, 417-422.	2.6	68
84	Synthesis of methyl orange using ionic liquids. <i>Tetrahedron Letters</i> , 2003, 44, 9223-9224.	0.7	15
85	1,3-Dialkylimidazolium-based room-temperature ionic liquids as background electrolyte and coating material in aqueous capillary electrophoresis. <i>Journal of Chromatography A</i> , 2003, 985, 447-454.	1.8	111
86	Dynamically coating the capillary with 1-alkyl-3-methylimidazolium-based ionic liquids for separation of basic proteins by capillary electrophoresis. <i>Analytica Chimica Acta</i> , 2003, 479, 249-254.	2.6	146
87	Room temperature ionic liquid as a novel medium for liquid/liquid extraction of metal ions. <i>Analytica Chimica Acta</i> , 2003, 488, 183-192.	2.6	484
88	Synthesis of optically active 2,3-dihydrobenzofuran derivatives through a combination strategy of iron(III)-catalyzed reaction and enzymatic reaction. <i>Tetrahedron Letters</i> , 2003, 44, 4081-4084.	0.7	38
89	Asymmetric Diels-Alder reactions in ionic liquids. <i>Tetrahedron Letters</i> , 2003, 44, 6465-6468.	0.7	81
90	Ionic liquid as an efficient promoting medium for two-phase nucleophilic displacement reactions. <i>Tetrahedron</i> , 2003, 59, 789-794.	1.0	77
91	Ionic liquids as media for nucleophilic fluorination. <i>Journal of Fluorine Chemistry</i> , 2003, 123, 81-84.	0.9	47
92	Phase-boundary potential across the nonpolarized interface between the room-temperature molten salt and water. <i>Electrochemistry Communications</i> , 2003, 5, 159-164.	2.3	100
93	Cyclic voltammetry of ion transfer across the polarized interface between the organic molten salt and the aqueous solution. <i>Electrochemistry Communications</i> , 2003, 5, 253-256.	2.3	63

#	ARTICLE	IF	CITATIONS
94	Ionic liquids as reaction media for polymerization processes: atom transfer radical polymerization (ATRP) of acrylates in ionic liquids. <i>Polymer International</i> , 2003, 52, 1584-1588.	1.6	86
95	Application of ionic liquids as low-volatility plasticizers for PMMA. <i>European Polymer Journal</i> , 2003, 39, 1947-1953.	2.6	239
96	Capillary electrophoretic and nuclear magnetic resonance studies of interactions between halophenols and ionic liquid or tetraalkylammonium cations. <i>Journal of Chromatography A</i> , 2003, 1007, 179-187.	1.8	44
97	Studies on Liquid/Liquid Extraction of Copper Ion with Room Temperature Ionic Liquid. <i>Journal of the Chinese Chemical Society</i> , 2003, 50, 1123-1130.	0.8	43
98	High-Stability Ionic Liquids. A New Class of Stationary Phases for Gas Chromatography. <i>Analytical Chemistry</i> , 2003, 75, 4851-4858.	3.2	455
100	Measurements and Correlation of the (Solid + Liquid) Equilibria of [1-Decyl-3-methylimidazolium Chloride + Alcohols (C <sub>2</sub> ~C <sub>12</sub> )]. <i>Industrial &amp; Engineering Chemistry Research</i> , 2003, 42, 6986-6992.	1.8	54
101	Pulsed Laser Polymerization in an Ionic Liquid: Strong Solvent Effects on Propagation and Termination of Methyl Methacrylate. <i>Macromolecules</i> , 2003, 36, 5072-5075.	2.2	158
102	Conductivities and Viscosities of the Ionic Liquid [bmim][PF <sub>6</sub> ] + Water + Ethanol and [bmim][PF <sub>6</sub> ] + Water + Acetone Ternary Mixtures. <i>Journal of Chemical &amp; Engineering Data</i> , 2003, 48, 1315-1317.	1.0	83
103	Influence of Water on the Orientation of Cations at the Surface of a Room-Temperature Ionic Liquid: A Sum Frequency Generation Vibrational Spectroscopic Study. <i>Journal of Physical Chemistry B</i> , 2003, 107, 6148-6152.	1.2	170
104	Interfacial Synthesis of Hollow TiO <sub>2</sub> Microspheres in Ionic Liquids. <i>Journal of the American Chemical Society</i> , 2003, 125, 6386-6387.	6.6	642
105	Ionic Liquid Doped Polymer Light-Emitting Electrochemical Cells. <i>Journal of Physical Chemistry B</i> , 2003, 107, 12981-12988.	1.2	131
106	Effects of Solubilized Water on the Relaxation Dynamics Surrounding 6-Propionyl-2-(N,N-dimethylamino)naphthalene Dissolved in 1-Butyl-3-methylimidazolium Hexafluorophosphate at 298 K. <i>Industrial &amp; Engineering Chemistry Research</i> , 2003, 42, 6457-6463.	1.8	95
107	Separation of Achiral and Chiral Analytes Using Polymeric Surfactants with Ionic Liquids as Modifiers in Micellar Electrokinetic Chromatography. <i>Analytical Chemistry</i> , 2003, 75, 6089-6096.	3.2	127
108	Synthesis of Chiral Ionic Liquids from Natural Amino Acids. <i>Journal of Organic Chemistry</i> , 2003, 68, 591-593.	1.7	230
109	Organic Reactions in Ionic Liquids: Alkylation of Meldrum's Acid. <i>Synthetic Communications</i> , 2003, 33, 2817-2822.	1.1	5
110	Mild Oxidation of Alcohols with O-Iodoxybenzoic Acid (IBX) in Ionic Liquid 1-Butyl-3-methylimidazolium Chloride and Water. <i>Organic Letters</i> , 2003, 5, 3321-3323.	2.4	97
111	GREENCHEMISTRY AND ENGINEERING: Drivers, Metrics, and Reduction to Practice. <i>Annual Review of Environment and Resources</i> , 2003, 28, 401-428.	5.6	42
112	Review: Current studies on some physical properties of ionic liquids. <i>Physics and Chemistry of Liquids</i> , 2003, 41, 545-557.	0.4	75



#	ARTICLE	IF	CITATIONS
113	Dynamics of Solvation of the Fluorescent State of Some Electron Donor-Acceptor Molecules in Room Temperature Ionic Liquids, [BMIM][(CF <sub>3</sub> SO <sub>2</sub> ) <sub>2</sub> N] and [EMIM][(CF <sub>3</sub> SO <sub>2</sub> ) <sub>2</sub> N]. Journal of Physical Chemistry A, 2003, 107, 7340-7346.	1.1	181
114	CARBON DIOXIDE REDUCTION IN BIPHASIC AQUEOUS-IONIC LIQUID SYSTEMS BY PRESSURIZED HYDROGEN. High Pressure Research, 2003, 23, 239-242.	0.4	6
115	Ionic Liquids Derived from Natural Products and other Novel Chemistries. , 2003, , 385-401.		0
116	Novel ionic liquids based on the benzimidazolium cation. Journal of Chemical Research, 2004, 2004, 506-507.	0.6	12
117	THERMAL PROPERTIES AND IONIC CONDUCTIVITY OF IMIDAZOLIUM SALT DERIVATIVES HAVING A CALAMITIC MESOGEN. Molecular Crystals and Liquid Crystals, 2004, 423, 61-72.	0.4	22
118	Oxidation of Benzylic Alcohols to Carbonyl Compounds with Potassium Permanganate in Ionic Liquids. Synthetic Communications, 2004, 34, 2835-2842.	1.1	28
119	Feasibility of using ionic liquids for carbon dioxide capture. International Journal of Environmental Technology and Management, 2004, 4, 105.	0.1	101
121	Influence of ionic liquids on the rates and regioselectivity of lipase-mediated biotransformations on 3,4,6-tri-O-acetyl-d-glucal. Journal of Molecular Catalysis B: Enzymatic, 2004, 28, 39-43.	1.8	37
122	Leaching separation of taurine and sodium sulfate solid mixture using ionic liquids. Separation and Purification Technology, 2004, 35, 153-159.	3.9	18
123	Low-Pressure Solubility of Carbon Dioxide in Room-Temperature Ionic Liquids Measured with a Quartz Crystal Microbalance. Journal of Physical Chemistry B, 2004, 108, 721-727.	1.2	308
124	Deep desulfurization of oil refinery streams by extraction with ionic liquids. Green Chemistry, 2004, 6, 316-322.	4.6	522
125	Physical and electrochemical properties of 1-butyl-3-methylimidazolium bromide, 1-butyl-3-methylimidazolium iodide, and 1-butyl-3-methylimidazolium tetrafluoroborate. Korean Journal of Chemical Engineering, 2004, 21, 1010-1014.	1.2	126
126	Refractive index and heat capacity of 1-butyl-3-methylimidazolium bromide and 1-butyl-3-methylimidazolium tetrafluoroborate, and vapor pressure of binary systems for 1-butyl-3-methylimidazolium bromide + trifluoroethanol and 1-butyl-3-methylimidazolium tetrafluoroborate + trifluoroethanol. Fluid Phase Equilibria, 2004, 218, 215-220.	1.4	154
127	Ionic liquid-based liquid-phase microextraction, a new sample enrichment procedure for liquid chromatography. Journal of Chromatography A, 2004, 1026, 143-147.	1.8	164
128	Transesterification between isoamyl acetate and ethanol in supercritical CO <sub>2</sub> , ionic liquid, and their mixture. Journal of Supercritical Fluids, 2004, 29, 107-111.	1.6	17
129	Non-Haloaluminate Room-Temperature Ionic Liquids in Electrochemistry-A Review. ChemPhysChem, 2004, 5, 1106-1120.	1.0	1,115
130	First Nitroxide-Mediated Controlled/Living Free Radical Polymerization in an Ionic Liquid. Macromolecular Rapid Communications, 2004, 25, 930-934.	2.0	69
131	Ionic Liquids with Symmetrical Dialkoxymethyl-Substituted Imidazolium Cations. Chemistry - A European Journal, 2004, 10, 3479-3485.	1.7	145



#	ARTICLE	IF	CITATIONS
133	Gas separations using non-hexafluorophosphate [PF <sub>6</sub> ] <sup>-</sup> anion supported ionic liquid membranes. <i>Journal of Membrane Science</i> , 2004, 238, 57-63.	4.1	451
134	Synthesis of glycidyl esters catalyzed by lipases in ionic liquids and supercritical carbon dioxide. <i>Journal of Molecular Catalysis A</i> , 2004, 214, 113-119.	4.8	61
135	Anion effects on ionogel formation in N,N'-dialkylimidazolium-based ionic liquids. <i>Inorganica Chimica Acta</i> , 2004, 357, 3991-3998.	1.2	89
136	Enantioselective desymmetrization of phospholene meso-epoxide by nucleophilic opening of the epoxide. <i>Tetrahedron: Asymmetry</i> , 2004, 15, 41-45.	1.8	31
137	Three-component coupling of aldehyde, alkyne, and amine catalyzed by silver in ionic liquid. <i>Tetrahedron Letters</i> , 2004, 45, 2443-2446.	0.7	174
138	Baylis-Hillman reaction in [bdmim][PF <sub>6</sub> ] ionic liquid. <i>Tetrahedron Letters</i> , 2004, 45, 4673-4676.	0.7	98
139	Studies on an ionic liquid prepared from InCl <sub>3</sub> and 1-methyl-3-butylimidazolium chloride. <i>Thermochimica Acta</i> , 2004, 412, 1-5.	1.2	41
140	Photolytic degradation of chlorinated phenols in room temperature ionic liquids. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2004, 165, 229-240.	2.0	78
141	Application of ionic liquids as solvents for polymerization processes. <i>Progress in Polymer Science</i> , 2004, 29, 3-12.	11.8	561
142	Highly ion conductive flexible films composed of network polymers based on polymerizable ionic liquids. <i>Polymer</i> , 2004, 45, 1577-1582.	1.8	266
143	Aqueous/ionic liquid interfacial polymerization for preparing polyaniline nanoparticles. <i>Polymer</i> , 2004, 45, 3017-3019.	1.8	170
144	Comparative studies on alkylation of phenol with tert-butyl alcohol in the presence of liquid or solid acid catalysts in ionic liquids. <i>Journal of Molecular Catalysis A</i> , 2004, 212, 301-308.	4.8	58
145	Chromatographic and spectroscopic methods for the determination of solvent properties of room temperature ionic liquids. <i>Journal of Chromatography A</i> , 2004, 1037, 49-82.	1.8	593
146	Ionic liquids as modulators of the critical micelle concentration of sodium dodecyl sulfate. <i>Colloids and Surfaces B: Biointerfaces</i> , 2004, 35, 119-124.	2.5	128
147	Dynamics of photoisomerisation and rotational relaxation of 3,3'-diethyloxadicarbocyanine iodide in room temperature ionic liquid and binary mixture of ionic liquid and water. <i>Chemical Physics Letters</i> , 2004, 397, 216-221.	1.2	44
148	A study of tri-phasic behavior of ionic liquid-methanol-CO <sub>2</sub> systems at elevated pressures. <i>Physical Chemistry Chemical Physics</i> , 2004, 6, 2352-2357.	1.3	49
149	Effect of Organic Cosolvents on the Solubility of Ionic Liquids in Supercritical CO <sub>2</sub> . <i>Journal of Chemical &amp; Engineering Data</i> , 2004, 49, 1597-1601.	1.0	76
150	Ionic Liquids/Water Distribution Ratios of Some Polycyclic Aromatic Hydrocarbons. <i>Journal of Chemical &amp; Engineering Data</i> , 2004, 49, 1422-1424.	1.0	24

#	ARTICLE	IF	CITATIONS
151	Dynamic Solvation in Room-Temperature Ionic Liquids. Journal of Physical Chemistry B, 2004, 108, 10245-10255.	1.2	206
152	1-Alkyl-3-methylimidazolium Bis(perfluoroalkylsulfonyl)imide Water-Immiscible Ionic Liquids. Journal of the Electrochemical Society, 2004, 151, E219.	1.3	125
153	Influence of Ionic Liquids on the Phase Behavior of Aqueous Azeotropic Systems. Journal of Chemical & Engineering Data, 2004, 49, 852-857.	1.0	201
154	Experimental Determination of Liquid-Liquid Equilibrium Using Ionic Liquids: tert-Amyl Ethyl Ether + Ethanol + 1-Octyl-3-Methylimidazolium Chloride System at 298.15 K. Journal of Chemical & Engineering Data, 2004, 49, 514-517.	1.0	78
155	Synthesis of Gold Nanoparticles Modified with Ionic Liquid Based on the Imidazolium Cation. Journal of the American Chemical Society, 2004, 126, 3026-3027.	6.6	543
156	Solvent Extraction and Stripping of Silver Ions in Room-Temperature Ionic Liquids Containing Calixarenes. Analytical Chemistry, 2004, 76, 5039-5044.	3.2	237
157	Extraction of Cesium Ions from Aqueous Solutions Using Calix[4]arene-bis(tert-octylbenzo-crown-6) in Ionic Liquids. Analytical Chemistry, 2004, 76, 3078-3083.	3.2	256
158	Excitation-Wavelength-Dependent Fluorescence Behavior of Some Dipolar Molecules in Room-Temperature Ionic Liquids. Journal of Physical Chemistry A, 2004, 108, 9048-9053.	1.1	220
159	Solubility of Ionic Liquid [emim][PF6] in Alcohols. Journal of Physical Chemistry B, 2004, 108, 2376-2382.	1.2	123
160	Chiral Ionic Liquids as Stationary Phases in Gas Chromatography. Analytical Chemistry, 2004, 76, 6819-6822.	3.2	275
161	Solvent Extraction of Sr <sup>2+</sup> and Cs <sup>+</sup> Based on Room-Temperature Ionic Liquids Containing Monoaza-Substituted Crown Ethers. Analytical Chemistry, 2004, 76, 2773-2779.	3.2	274
162	Modeling of Activity Coefficients of Aqueous Solutions of Quaternary Ammonium Salts with the Electrolyte-NRTL Equation. Industrial & Engineering Chemistry Research, 2004, 43, 815-825.	1.8	76
163	Ionic Liquids in Chromatography and Capillary Electrophoresis. Journal of Liquid Chromatography and Related Technologies, 2004, 27, 1443-1459.	0.5	110
164	Preparation of Room-Temperature Ionic Liquids by Neutralization of 1,1,3,3-tetramethylguanidine with Acids and their Use as Media for Mannich Reaction. Synthetic Communications, 2004, 34, 3083-3089.	1.1	107
165	Comparison of Diluent Characteristics of Imidazolium Hexafluorophosphate Ionic Liquid with n-Dodecane. Journal of Nuclear and Radiochemical Sciences, 2004, 5, 17-20.	0.7	29
166	Effect of Alkyl Group in 1-Alkyl-3-methylimidazolium Hexafluorophosphate Ionic Liquids on the Extraction of Uranium by Tri-n-butylphosphate Diluted with Ionic Liquids. Journal of Nuclear and Radiochemical Sciences, 2004, 5, 21-26.	0.7	49
167	Organic Reactions in Ionic Liquids: A Novel Method for the Synthesis of 2-Arylthiobenzothiazoles by the S-Arylation of Benzothiazole-2-Thiol with Diaryliodonium Salts. Journal of Chemical Research, 2004, 2004, 127-128.	0.6	13
168	Ionic liquid-Accelerated N-Arylation of Benzoazoles with Diaryliodonium Salts, An Efficient Method for the Synthesis of N-aryl Azoles. Journal of Chemical Research, 2004, 2004, 206-207.	0.6	10

#	ARTICLE	IF	CITATIONS
169	Sonochemistry and sonoluminescence in ionic liquids, molten salts, and concentrated electrolyte solutions. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 3513-3517.	0.8	83
170	Selection of ionic liquids for the extraction of aromatic hydrocarbons from aromatic/aliphatic mixtures. <i>Fuel Processing Technology</i> , 2005, 87, 59-70.	3.7	341
171	Liquid membranes using ionic liquids: the influence of water on solute transport. <i>Journal of Membrane Science</i> , 2005, 249, 153-162.	4.1	90
172	Palladium-catalysed hydroalkoxycarbonylation of styrene in [BMIM][BF <sub>4</sub> ] and [BMIM][PF <sub>6</sub> ] ionic liquids. <i>Journal of Molecular Catalysis A</i> , 2005, 242, 156-160.	4.8	27
173	Effects of alkyl chain on transport properties in 1-alkyl-3-methylimidazolium hexafluorophosphates. <i>Journal of Molecular Liquids</i> , 2005, 119, 77-81.	2.3	29
174	Catalytic olefin epoxidation with cyclopentadienylmolybdenum complexes in room temperature ionic liquids. <i>Tetrahedron Letters</i> , 2005, 46, 47-52.	0.7	71
175	Ionic liquid mediated efficient reduction of nitroarenes using stannous chloride under sonication. <i>Tetrahedron Letters</i> , 2005, 46, 3987-3990.	0.7	21
176	Application of ionic liquids in analytical chemistry. <i>TrAC - Trends in Analytical Chemistry</i> , 2005, 24, 20-27.	5.8	560
177	Disposable ionic liquid coating for headspace solid-phase microextraction of benzene, toluene, ethylbenzene, and xylenes in paints followed by gas chromatography-flame ionization detection. <i>Journal of Chromatography A</i> , 2005, 1066, 27-32.	1.8	284
178	How transparent are the imidazolium ionic liquids? A case study with 1-methyl-3-butylimidazolium hexafluorophosphate, [bmim][PF <sub>6</sub> ]. <i>Chemical Physics Letters</i> , 2005, 402, 375-379.	1.2	224
179	Simulations of the Dynamics of 18-Crown-6 and its Complexes: From the Gas Phase to Aqueous Interfaces with SC-CO <sub>2</sub> and a Room-Temperature Ionic Liquid. , 2005, , 327-348.		6
180	Solubilities of CO <sub>2</sub> in 1-Butyl-3-methylimidazolium Hexafluorophosphate and 1,1,3,3-Tetramethylguanidium Lactate at Elevated Pressures. <i>Journal of Chemical &amp; Engineering Data</i> , 2005, 50, 1582-1585.	1.0	131
181	ACUTE AND CHRONIC TOXICITY OF IMIDAZOLIUM-BASED IONIC LIQUIDS ON DAPHNIA MAGNA. <i>Environmental Toxicology and Chemistry</i> , 2005, 24, 87.	2.2	363
182	Microwave-assisted decarboxylation of bicyclic 2-pyridone scaffolds and identification of $\beta$ -peptide aggregation inhibitors. <i>Organic and Biomolecular Chemistry</i> , 2005, 3, 2817.	1.5	57
183	On the Optical Properties of the Imidazolium Ionic Liquids. <i>Journal of Physical Chemistry B</i> , 2005, 109, 9148-9153.	1.2	350
184	An analytical view of ionic liquids. <i>Analyst, The</i> , 2005, 130, 800.	1.7	404
185	Synthesis of LaCO <sub>3</sub> OH nanowires via a solvothermal process in the mixture of water and room-temperature ionic liquid. <i>Materials Letters</i> , 2005, 59, 963-965.	1.3	35
186	Synthesis and characterization of multipod, flower-like, and shuttle-like ZnO frameworks in ionic liquids. <i>Materials Letters</i> , 2005, 59, 1405-1408.	1.3	119

#	ARTICLE	IF	CITATIONS
187	Preparation of PbS-type PbO nanocrystals in a room-temperature ionic liquid. <i>Materials Letters</i> , 2005, 59, 3119-3121.	1.3	33
188	Recovery and separation of organic acids by membrane-based solvent extraction and pertraction. <i>Separation and Purification Technology</i> , 2005, 41, 237-266.	3.9	138
189	[bmim]PF <sub>6</sub> /H <sub>2</sub> O Biphasic System Promoted Chemoselective Reduction of Aldehydes and Ketones with Potassium Borohydride as Reductant. <i>Chinese Journal of Chemistry</i> , 2005, 23, 345-348.	2.6	8
190	Selective Extraction of Bioproducts by Ionic Liquids. <i>Chinese Journal of Chemistry</i> , 2005, 23, 662-664.	2.6	9
191	Phase-Separation-Induced Micropatterned Polymer Surfaces and Their Applications. <i>Advanced Functional Materials</i> , 2005, 15, 655-663.	7.8	36
192	High Regioselective Diels–Alder Reaction of Myrcene with Acrolein Catalyzed by Zinc-Containing Ionic Liquids. <i>Advanced Synthesis and Catalysis</i> , 2005, 347, 137-142.	2.1	37
193	Comparison of the phase behavior of some selected binary systems with ionic liquids. <i>AIChE Journal</i> , 2005, 51, 1532-1540.	1.8	152
194	Use of ionic liquids as “green” solvents for extractions. <i>Journal of Chemical Technology and Biotechnology</i> , 2005, 80, 1089-1096.	1.6	780
195	Screening the extractability of some typical environmental pollutants by ionic liquids in liquid-phase microextraction. <i>Journal of Separation Science</i> , 2005, 28, 87-91.	1.3	83
196	Chiral ionic liquids: Synthesis and applications. <i>Chirality</i> , 2005, 17, 281-292.	1.3	272
197	Preparation and Characterization of Inclusion Complexes of $\beta$ -Cyclodextrin with Ionic Liquid. <i>Chemistry - A European Journal</i> , 2005, 11, 5875-5880.	1.7	129
198	Solvent extraction and extraction?voltammetric determination of phenols using room temperature ionic liquid. <i>Analytical and Bioanalytical Chemistry</i> , 2005, 381, 464-470.	1.9	121
199	Measuring the solubilities of ionic liquids in water using ion-selective electrodes. <i>Analytical and Bioanalytical Chemistry</i> , 2005, 381, 427-430.	1.9	57
200	Retention characteristics of a new butylimidazolium-based stationary phase. <i>Analytical and Bioanalytical Chemistry</i> , 2005, 382, 728-734.	1.9	114
201	Ruthenium <sup>II</sup> benzocrownether complexes: Synthesis, structures, catalysis and immobilisation in ionic liquids. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 5055-5065.	0.8	18
202	Metal nitrates catalysed O-glucosylation using acetyl glucal in organic solvents and ionic liquids: A comparative investigation. <i>Journal of Molecular Catalysis A</i> , 2005, 234, 35-43.	4.8	38
203	Adhesion and proliferation of OCT-1 osteoblast-like cells on micro- and nano-scale topography structured poly(L-lactide). <i>Biomaterials</i> , 2005, 26, 4453-4459.	5.7	322
204	A new way to conduct enzymatic synthesis in an active membrane using ionic liquids as catalyst support. <i>Catalysis Today</i> , 2005, 104, 313-317.	2.2	38

#	ARTICLE	IF	CITATIONS
205	Apparent molar volume and isentropic compressibility of ionic liquid 1-butyl-3-methylimidazolium bromide in water, methanol, and ethanol at T=(298.15 to 318.15)K. <i>Journal of Chemical Thermodynamics</i> , 2005, 37, 1029-1035.	1.0	212
206	Solute partitioning between an ionic liquid and high-pressure CO <sub>2</sub> studied with in situ FTIR spectroscopy. <i>Journal of Chemical Thermodynamics</i> , 2005, 37, 621-626.	1.0	27
207	Hydrogenation of C=C double bonds in an ionic liquid reaction system using the obligate anaerobe, <i>Sporomusa termitida</i> . <i>Biotechnology Letters</i> , 2005, 27, 161-165.	1.1	28
208	Nonaqueous microemulsion-containing ionic liquid [bmim][PF <sub>6</sub> ] as polar microenvironment. <i>Colloid and Polymer Science</i> , 2005, 283, 1371-1375.	1.0	65
209	Lipase-catalyzed naproxen methyl ester hydrolysis in water-saturated ionic liquid: significantly enhanced enantioselectivity and stability. <i>World Journal of Microbiology and Biotechnology</i> , 2005, 21, 193-199.	1.7	25
210	Excess Molar Volumes and Excess Logarithm Viscosities for Binary Mixtures of the Ionic Liquid 1-Butyl-3-methylimidazolium Hexafluorophosphate with Some Organic Compounds. <i>Journal of Solution Chemistry</i> , 2005, 34, 585-596.	0.6	128
211	Effect of hydrophobic side-chains on the solvation of imidazolium salts. <i>Journal of Physical Organic Chemistry</i> , 2005, 18, 1018-1022.	0.9	25
212	Atom transfer radical polymerization of styrenic ionic liquid monomers and carbon dioxide absorption of the polymerized ionic liquids. <i>Journal of Polymer Science Part A</i> , 2005, 43, 1432-1443.	2.5	142
213	Poly(ionic liquid)s as new materials for CO <sub>2</sub> absorption. <i>Journal of Polymer Science Part A</i> , 2005, 43, 5477-5489.	2.5	208
214	Catalytic effect of ionic liquids in the Cu <sub>2</sub> O/2,2'-bipyridine catalyzed living radical polymerization of methyl methacrylate initiated with arenesulfonyl chlorides. <i>Journal of Polymer Science Part A</i> , 2005, 43, 5609-5619.	2.5	65
215	Direct proteins electrochemistry based on ionic liquid mediated carbon nanotube modified glassy carbon electrode. <i>Frontiers in Bioscience - Landmark</i> , 2005, 10, 326.	3.0	80
216	Studies on the Use of Ionic Liquids as Potential Extractants of Phenolic Compounds and Metal Ions. <i>Separation Science and Technology</i> , 2005, 39, 2155-2169.	1.3	81
217	The Partitioning Behavior of Tyramine and 2-Methoxyphenethylamine in a Room Temperature Ionic Liquid-Water System Compared to Traditional Organic-Water System. <i>Separation Science and Technology</i> , 2005, 40, 1555-1566.	1.3	9
218	TX-100/Water/1-Butyl-3-methylimidazolium Hexafluorophosphate Microemulsions. <i>Langmuir</i> , 2005, 21, 5681-5684.	1.6	300
219	Use of Chiral Ionic Liquids as Solvents for the Enantioselective Photoisomerization of Dibenzobicyclo[2.2.2]octatrienes. <i>Organic Letters</i> , 2005, 7, 335-337.	2.4	137
220	Ionic Liquids in Chemical Analysis. <i>Critical Reviews in Analytical Chemistry</i> , 2005, 35, 177-192.	1.8	273
221	Synthesis of Single-Crystal Gold Nanosheets of Large Size in Ionic Liquids. <i>Journal of Physical Chemistry B</i> , 2005, 109, 14445-14448.	1.2	241
222	Coordination chemistry of the bis(trifluoromethylsulfonyl)imide anion: molecular interactions in room temperature ionic liquids. <i>Chemical Communications</i> , 2005, , 1438.	2.2	12

#	ARTICLE	IF	CITATIONS
223	Why Are Viscosities Lower for Ionic Liquids with $\text{CH}_2\text{Si}(\text{CH}_3)_3$ vs $\text{CH}_2\text{C}(\text{CH}_3)_3$ Substitutions on the Imidazolium Cations?. <i>Journal of Physical Chemistry B</i> , 2005, 109, 21576-21585.	1.2	171
224	Ionic liquids promote selective responses towards the highly hydrophilic anion sulfate in PVC membrane ion-selective electrodes. <i>Chemical Communications</i> , 2005, , 3033.	2.2	64
225	Extremely short C-H...F contacts in the 1-methyl-3-propyl-imidazolium SiF <sub>6</sub> —the reason for ionic “liquid” unexpected high melting point. <i>CrystEngComm</i> , 2005, 7, 53-56.	1.3	49
226	The Formation of Polypyrrole at Iron from 1-Butyl-3-methylimidazolium Hexafluorophosphate. <i>Journal of the Electrochemical Society</i> , 2005, 152, D6.	1.3	25
227	Solvation of fluoro and mixed fluoro/chloro complexes of Eu(III) in the [BMI][PF <sub>6</sub> ] room temperature ionic liquid. A theoretical study. <i>Physical Chemistry Chemical Physics</i> , 2005, 7, 1926.	1.3	41
228	Thermal properties and ionic conductivity of a polymer prepared by the <i>in situ</i> photopolymerization of a vinylimidazole monomer containing a mesogenic group. <i>Liquid Crystals</i> , 2005, 32, 143-149.	0.9	23
229	Fluorescence Studies in a Pyrrolidinium Ionic Liquid: Polarity of the Medium and Solvation Dynamics. <i>Journal of Physical Chemistry B</i> , 2005, 109, 15172-15177.	1.2	114
230	Recovery of amino acids by imidazolium based ionic liquids from aqueous media. <i>Green Chemistry</i> , 2005, 7, 196.	4.6	194
231	A green and effective method to synthesize ionic liquids: supercritical CO <sub>2</sub> route. <i>Green Chemistry</i> , 2005, 7, 701.	4.6	64
232	How Polar Are Ionic Liquids? Determination of the Static Dielectric Constant of an Imidazolium-based Ionic Liquid by Microwave Dielectric Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2005, 109, 17028-17030.	1.2	542
233	Feasibility of Ionic Liquids as Alternative Separation Media for Industrial Solvent Extraction Processes. <i>Industrial &amp; Engineering Chemistry Research</i> , 2005, 44, 4368-4372.	1.8	261
234	Facile Synthesis of Novel Ionic Liquids Containing Dithiocarbamate. <i>Synthetic Communications</i> , 2005, 35, 521-526.	1.1	50
235	Determination of the Polarities of Some Ionic Liquids Using 2-Nitrocyclohexanone as the Probe. <i>Journal of Organic Chemistry</i> , 2005, 70, 8193-8196.	1.7	70
236	Room Temperature Ionic Liquids for Separating Organics from Produced Water. <i>Separation Science and Technology</i> , 2005, 40, 1245-1265.	1.3	181
237	Cocrystal of an Ionic Liquid with Organic Molecules as a Mimic of Ionic Liquid Solution. <i>Crystal Growth and Design</i> , 2005, 5, 337-340.	1.4	27
238	Long-awaited polymorphic modification of triphenyl phosphite. <i>CrystEngComm</i> , 2005, 7, 465.	1.3	16
239	Using Geminal Dicationic Ionic Liquids as Solvents for High-Temperature Organic Reactions. <i>Organic Letters</i> , 2005, 7, 4205-4208.	2.4	197
240	Identical extraction behavior and coordination of trivalent or hexavalent f-element cations using ionic liquid and molecular solvents. <i>Dalton Transactions</i> , 2005, , 1966.	1.6	200



#	ARTICLE	IF	CITATIONS
241	High-Pressure Phase Behavior of Systems with Ionic Liquids: Part V. The Binary System Carbon Dioxide + 1-Butyl-3-methylimidazolium Tetrafluoroborate. <i>Journal of Chemical &amp; Engineering Data</i> , 2005, 50, 173-176.	1.0	157
242	[emim]BF <sub>4</sub> -Promoted Chloromethylation of Aromatic Hydrocarbons. <i>Synthetic Communications</i> , 2006, 36, 3053-3059.	1.1	19
243	Coexistence of Liquid and Solid Phases of Bmim-PF <sub>6</sub> Ionic Liquid on Mica Surfaces at Room Temperature. <i>Journal of the American Chemical Society</i> , 2006, 128, 7456-7457.	6.6	152
244	Fluorine-free and hydrophobic room-temperature ionic liquids, tetraalkylammonium bis(2-ethylhexyl)sulfosuccinates, and their ionic liquid-water two-phase properties. <i>Green Chemistry</i> , 2006, 8, 349.	4.6	70
245	Chemical reactivity in ionic liquids: Nitroso group transfer from N-nitrososulfonamide. <i>Green Chemistry</i> , 2006, 8, 596-598.	4.6	3
246	RECOVERY OF ACETIC ACID OVER WATER BY PERVAPORATION WITH A COMBINATION OF HYDROPHOBIC IONIC LIQUIDS. <i>Chemical Engineering Communications</i> , 2006, 193, 1422-1430.	1.5	30
247	Liquid-liquid equilibria in the binary systems (1,3-dimethylimidazolium, or 1-butyl-3-methylimidazolium) Tj ETQq0,0,0 rgBT /Overlock 1	4.6	116
248	Decomposition of ionic liquids in electrochemical processing. <i>Green Chemistry</i> , 2006, 8, 241-245.	4.6	168
249	Solvatochromic Parameters for Binary Mixtures of 1-(1-Butyl)-3-methylimidazolium Tetrafluoroborate with Some Protic Molecular Solvents. <i>Journal of Physical Chemistry B</i> , 2006, 110, 7073-7078.	1.2	84
250	Raman Spectroscopic Study on Solvation of Diphenylcyclopropanone and Phenol Blue in Room Temperature Ionic Liquids. <i>Journal of Physical Chemistry A</i> , 2006, 110, 6164-6172.	1.1	52
251	Room-temperature Ionic Liquids in Liquid-Liquid Extraction: Effects of Solubility in Aqueous Solutions on Surface Properties. <i>Solvent Extraction and Ion Exchange</i> , 2006, 24, 33-56.	0.8	102
252	A Striking Effect of Ionic-Liquid Anions in the Extraction of Sr <sup>2+</sup> and Cs <sup>+</sup> by Dicyclohexano-18-Crown-6. <i>Solvent Extraction and Ion Exchange</i> , 2006, 24, 19-31.	0.8	107
253	Preparation of simple ammonium ionic liquids and their application in the cracking of dialkoxypropanes. <i>Green Chemistry</i> , 2006, 8, 603.	4.6	132
254	Ionic Liquids as Extraction Solvents: Where do We Stand?. <i>Separation Science and Technology</i> , 2006, 41, 2047-2063.	1.3	347
255	SEPARATION OF AROMATIC AND ALIPHATIC HYDROCARBONS WITH IONIC LIQUIDS. <i>Chemical Engineering Communications</i> , 2006, 193, 1384-1396.	1.5	60
256	Effect of Water Content on the Solubility of CO <sub>2</sub> in the Ionic Liquid [bmim][PF <sub>6</sub> ]. <i>Journal of Chemical &amp; Engineering Data</i> , 2006, 51, 371-375.	1.0	89
257	Novel quaternary ammonium ionic liquids and their use as dual solvent-catalysts in the hydrolytic reaction. <i>Green Chemistry</i> , 2006, 8, 96-99.	4.6	159
258	Approaches to crystallization from ionic liquids: complex solvents-complex results, or, a strategy for controlled formation of new supramolecular architectures?. <i>Chemical Communications</i> , 2006, , 4767-4779.	2.2	165



#	ARTICLE	IF	CITATIONS
259	Butyl-3-methylimidazolium Chloride Preparation in Supercritical Carbon Dioxide. <i>Industrial &amp; Engineering Chemistry Research</i> , 2006, 45, 525-529.	1.8	16
260	Inclusion Complexes of $\beta$ -Cyclodextrin with Ionic Liquid Surfactants. <i>Journal of Physical Chemistry B</i> , 2006, 110, 8576-8581.	1.2	145
261	Recovery of pure products from ionic liquids using supercritical carbon dioxide as a co-solvent in extractions or as an anti-solvent in precipitations. <i>Green Chemistry</i> , 2006, 8, 246-249.	4.6	78
262	Dynamic Solvation in Imidazolium-Based Ionic Liquids on Short Time Scales. <i>Journal of Physical Chemistry A</i> , 2006, 110, 9549-9554.	1.1	60
263	Ionic liquid-containing semipermeable membrane devices for monitoring the polycyclic aromatic hydrocarbons in water. <i>Chemosphere</i> , 2006, 62, 1623-1629.	4.2	14
264	Separation of fission products based on ionic liquids: Task-specific ionic liquids containing an aza-crown ether fragment. <i>Journal of Alloys and Compounds</i> , 2006, 418, 195-199.	2.8	93
265	Preparation of dialkoxypropanes in simple ammonium ionic liquids. <i>Green Chemistry</i> , 2006, 8, 1076.	4.6	29
266	Efficient Precipitation of Dyes from Dilute Aqueous Solutions of Ionic Liquids. <i>Analytical Sciences</i> , 2006, 22, 1051-1053.	0.8	34
267	Voltammetry of Ion Transfer across the Electrochemically Polarized Micro Liquid-Liquid Interface between Water and a Room-temperature Ionic Liquid, Tetrahexylammonium Bis(trifluoromethylsulfonyl)imide, Using a Glass Capillary Micropipette. <i>Analytical Sciences</i> , 2006, 22, 667-671.	0.8	35
268	Ionic Liquid   Water Interface: A New Electrified System for Electrochemistry. <i>Electrochemistry</i> , 2006, 74, 942-948.	0.6	22
269	Synthesis of poly(glycolic acid) in ionic liquids. <i>Journal of Polymer Science Part A</i> , 2006, 44, 3025-3035.	2.5	44
270	Comparison of Extraction Capacities Between Ionic Liquids and Dichloromethane. <i>Chinese Journal of Analytical Chemistry</i> , 2006, 34, 598-602.	0.9	24
271	Comparison of lipase-catalyzed enantioselective esterification of ( $\pm$ )-menthol in ionic liquids and organic solvents. <i>Food Chemistry</i> , 2006, 97, 324-330.	4.2	58
272	Electrochemical intercalation of lithium into a natural graphite anode in quaternary ammonium-based ionic liquid electrolytes. <i>Carbon</i> , 2006, 44, 203-210.	5.4	219
273	One step synthesis of Pd/C composite via a microwave-assisted ionic liquid method and its electrocatalytic characteristics. <i>Carbon</i> , 2006, 44, 3195-3198.	5.4	25
274	Analytical applications of room-temperature ionic liquids: A review of recent efforts. <i>Analytica Chimica Acta</i> , 2006, 556, 38-45.	2.6	705
275	New integrated measurement protocol using capillary electrophoresis instrumentation for the determination of viscosity, conductivity and absorbance of ionic liquid-molecular solvent mixtures. <i>Analytica Chimica Acta</i> , 2006, 562, 164-170.	2.6	60
276	Effect of ionic liquid on the polarity and size of the reverse micelles in supercritical CO <sub>2</sub> . <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2006, 279, 208-212.	2.3	23

#	ARTICLE	IF	CITATIONS
277	Preparation of silica microrods with nano-sized pores in ionic liquid microemulsions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2006, 286, 117-120.	2.3	57
278	Fluorescence of dicyanovinyl julolidine in a room-temperature ionic liquid. <i>Chemical Physics Letters</i> , 2006, 426, 329-333.	1.2	38
279	Evidence for mesoscopic local structures in ionic liquids: CARS signal spatial distribution of Cnmim[PF6] (n=4,6,8). <i>Chemical Physics Letters</i> , 2006, 427, 329-332.	1.2	101
280	Palladium catalysed hydroethoxycarbonylation in imidazolium-based ionic liquids. <i>Journal of Molecular Catalysis A</i> , 2006, 246, 59-64.	4.8	28
281	Excitation wavelength dependent fluorescence behavior of the room temperature ionic liquids and dissolved dipolar solutes. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2006, 182, 113-120.	2.0	119
282	Electrospray mass spectral fragmentation study of N,N <sup>2</sup> -disubstituted imidazolium ionic liquids. <i>Journal of the American Society for Mass Spectrometry</i> , 2006, 17, 85-95.	1.2	21
283	Volumetric properties of binary mixtures of ionic liquid 1-butyl-3-methylimidazolium octylsulfate with water or propanol in the temperature range of 278.15K to 328.15K. <i>Journal of Chemical Thermodynamics</i> , 2006, 38, 1124-1129.	1.0	27
284	Application of Prigogine-Flory-Patterson theory to excess molar volume and speed of sound of 1-n-butyl-3-methylimidazolium hexafluorophosphate or 1-n-butyl-3-methylimidazolium tetrafluoroborate in methanol and acetonitrile. <i>Journal of Chemical Thermodynamics</i> , 2006, 38, 1377-1384.	1.0	141
285	Efficient esterification of carboxylic acids and phosphonic acids with trialkyl orthoacetate in ionic liquid. <i>Tetrahedron</i> , 2006, 62, 1309-1317.	1.0	61
286	Preparation of functional ionic liquids and tribological investigation of their ultra-thin films. <i>Wear</i> , 2006, 260, 1076-1080.	1.5	54
287	Physico-chemical processes in imidazolium ionic liquids. <i>Physical Chemistry Chemical Physics</i> , 2006, 8, 2441.	1.3	394
288	Environmentally friendly room temperature Strecker reaction: One-pot synthesis of $\alpha$ -aminonitriles in ionic liquid. <i>Journal of the Iranian Chemical Society</i> , 2006, 3, 93-97.	1.2	32
289	Ionic Liquids in Analytical Chemistry. <i>Analytical Chemistry</i> , 2006, 78, 2892-2902.	3.2	433
290	Synthesis of Cyano-Bridged Magnetic Nanoparticles Using Room-Temperature Ionic Liquids. <i>Chemistry - A European Journal</i> , 2006, 12, 3798-3804.	1.7	100
291	The Physical Properties of Aqueous Solutions of the Ionic Liquid [BMIM][BF4]. <i>Journal of Solution Chemistry</i> , 2006, 35, 1337-1346.	0.6	185
292	Superacid cyclization of certain aliphatic sesquiterpene derivatives in ionic liquids. <i>Chemistry of Natural Compounds</i> , 2006, 42, 439-441.	0.2	6
293	Viscosity of [bmim][PF6] and [bmim][BF4] at High Pressure. <i>International Journal of Thermophysics</i> , 2006, 27, 39-47.	1.0	145
294	QSPR analysis for infinite dilution activity coefficients of organic compounds. <i>Journal of Molecular Modeling</i> , 2006, 12, 417-421.	0.8	28

#	ARTICLE	IF	CITATIONS
295	Rheological Behavior of Poly(m-phenyleneisophthalamide) in Ionic Liquid. <i>Polymer Bulletin</i> , 2006, 57, 369-375.	1.7	20
296	Isobaric vapor-liquid equilibria for ethanol-water system containing different ionic liquids at atmospheric pressure. <i>Fluid Phase Equilibria</i> , 2006, 242, 147-153.	1.4	111
297	Study on the separation of 1-hexene and trans-3-hexene using ionic liquids. <i>Fluid Phase Equilibria</i> , 2006, 247, 102-106.	1.4	28
298	Thermal and electrochemical properties of ionic liquids based on N-methyl-N-alkyl morpholinium cations. <i>Korean Journal of Chemical Engineering</i> , 2006, 23, 795-799.	1.2	19
299	Optical absorption and fluorescence studies on imidazolium ionic liquids comprising the bis(trifluoromethanesulphony)imide anion. <i>Journal of Chemical Sciences</i> , 2006, 118, 335-340.	0.7	56
300	Synthesis of hollow carbon microspheres in ionic liquids and their electrochemical capacitance characteristics. <i>Materials Chemistry and Physics</i> , 2006, 98, 456-458.	2.0	17
302	Free-radical copolymerization kinetics of acrylonitrile and methyl acrylate in [BMIM]BF <sub>4</sub> . <i>Journal of Applied Polymer Science</i> , 2006, 102, 4254-4257.	1.3	16
303	The Local Structure of Ionic Liquids: Cation-Cation NOE Interactions and Internuclear Distances in Neat [BMIM][BF <sub>4</sub> ] and [BDMIM][BF <sub>4</sub> ]. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 1123-1126.	7.2	142
304	The Association of Water in Ionic Liquids: A Reliable Measure of Polarity. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 3697-3702.	7.2	272
305	A Diazonium Salt-Based Ionic Liquid for Solvent-Free Modification of Carbon. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 586-589.	1.2	40
306	Ionic Liquid as Catalyst and Reaction Medium - A Simple, Efficient and Green Procedure for Knoevenagel Condensation of Aliphatic and Aromatic Carbonyl Compounds Using a Task-Specific Basic Ionic Liquid. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 3767-3770.	1.2	197
307	Dramatic Effects of Ionic Liquid on Platinum Electrode Surface and Electron-Transfer Rates of meso-Tetraphenylporphyrins. <i>Electroanalysis</i> , 2006, 18, 1227-1229.	1.5	6
308	Ionic Liquids Plasticize and Bring Ion-Sensing Ability to Polymer Membranes of Selective Electrodes. <i>Electroanalysis</i> , 2006, 18, 1416-1421.	1.5	75
309	Electropolymerization of 3-Methylthiophene in [BMIM]PF <sub>6</sub> Ionic Liquid, Characterization and Application. <i>Chinese Journal of Chemistry</i> , 2006, 24, 609-612.	2.6	16
310	Structural Studies of 1-Butyl-3-methylimidazolium Tetrafluoroborate/TX-100/p-Xylene Ionic Liquid Microemulsions. <i>ChemPhysChem</i> , 2006, 7, 1554-1561.	1.0	163
311	Application of 1-alkyl-3-methylimidazolium-based ionic liquids in separation of bioactive flavonoids by capillary zone electrophoresis. <i>Journal of Separation Science</i> , 2006, 29, 272-276.	1.3	54
314	A Room Temperature Ionic Liquid (RTIL)-Mediated, Non-Hydrolytic Sol-Gel Methodology to Prepare Molecularly Imprinted, Silica-Based Hybrid Monoliths for Chiral Separation. <i>Advanced Materials</i> , 2006, 18, 3266-3270.	11.1	121
315	A Simple and Practical Method for the Preparation and Purity Determination of Halide-Free Imidazolium Ionic Liquids. <i>Advanced Synthesis and Catalysis</i> , 2006, 348, 243-248.	2.1	248

#	ARTICLE	IF	CITATIONS
316	Physical properties of the ternary mixture ethanol+water+1-hexyl-3-methylimidazolium chloride at 298.15 K. Physics and Chemistry of Liquids, 2006, 44, 409-417.	0.4	31
317	(R)-N,N,N-Trimethyl-2-Aminobutanol-Bis(Trifluoromethanesulfon)Imidate Chiral Ionic Liquid Used as Chiral Selector in HPCE, HPLC, and CGC. Analytical Letters, 2006, 39, 1439-1449.	1.0	66
318	Partitioning Behavior of Penicillin G in Aqueous Two Phase System Formed by Ionic Liquids and Phosphate. Separation Science and Technology, 2006, 41, 2849-2858.	1.3	84
319	1-Butyl-3-methylimidazolium hexafluorophosphate ionic liquid-based liquid-liquid microextraction for the determination of 4-nonylphenol and 4-tert-octylphenol in environmental waters. International Journal of Environmental Analytical Chemistry, 2006, 86, 985-993.	1.8	6
320	Self-Assembled CuO Monocrystalline Nanoplatelets in Ionic Liquids. Journal of Dispersion Science and Technology, 2007, 28, 1223-1227.	1.3	7
321	Application of Ionic Liquids of Some Bioactive Molecules in RP-HPLC. Reviews in Analytical Chemistry, 2007, 26, .	1.5	9
322	Optical Second Harmonic Generation Study of the Structure of the Interface between Water and an Ionic Liquid Based on N-Alkylisoquinolinium Ions. Bunseki Kagaku, 2007, 56, 491-497.	0.1	1
323	Analysis of the Performance of Ionic Liquids in Cooling Loops. , 2007, , 655.		1
324	Ionic Liquid-mediated Preparation Strategy for CuCl Nanocrystal. Chemistry Letters, 2007, 36, 642-643.	0.7	6
326	Highly Regioselective Hydroformylation of Higher Olefins Catalysed by Rhodium-phosphine Complexes in Ionic Liquid Medium. Journal of Chemical Research, 2007, 2007, 216-220.	0.6	4
327	Phenylidone(III) Bis(Trifluoroacetate) Mediated Synthesis of 2-Aryl-1,2-Benzisothiazol-3(2H)-ones in Ionic Liquid. Journal of the Chinese Chemical Society, 2007, 54, 127-130.	0.8	6
328	Cyclic Voltammograms of Ferrocene on Multi-Walled Carbon Nanotubes (MWCNTs)-Modified Edge Plane Pyrolytic Graphite (EPPG) Electrode in Room Temperature Ionic Liquids (RTILs) of 1-Ethyl-3-Methylimidazolium Tetrafluoroborate (EMIBF <sub>4</sub> ). Journal of the Chinese Chemical Society, 2007, 54, 723-730.	0.8	4
329	GPC characterization of emeraldine base in NMP containing ionic liquids. Synthetic Metals, 2007, 157, 988-996.	2.1	15
330	Enhanced CO <sub>2</sub> Separation Selectivity in Oligo(ethylene glycol) Functionalized Room-Temperature Ionic Liquids. Industrial & Engineering Chemistry Research, 2007, 46, 5380-5386.	1.8	227
331	Ionic Liquids in Separations. Accounts of Chemical Research, 2007, 40, 1079-1086.	7.6	967
332	Enhanced activity of 3 $\beta$ -hydroxysteroid dehydrogenase by addition of the co-solvent 1-butyl-3-methylimidazolium (l)-lactate in aqueous phase of biphasic systems for reductive production of steroids. Journal of Biotechnology, 2007, 128, 376-382.	1.9	29
333	Organometallic Chemistry in Ionic Liquids. , 2007, , 847-882.		0
334	Unsymmetrical Dicationic Ionic Liquids: Manipulation of Physicochemical Properties Using Specific Structural Architectures. Chemistry of Materials, 2007, 19, 5848-5850.	3.2	216

#	ARTICLE	IF	CITATIONS
335	Ether-Functionalized Imidazolium Hexafluorophosphate Ionic Liquids for Improved Water Miscibilities. <i>Industrial &amp; Engineering Chemistry Research</i> , 2007, 46, 7389-7392.	1.8	52
342	Equation of State for the Vapor-Liquid Equilibria of Binary Systems Containing Imidazolium-Based Ionic Liquids. <i>Industrial &amp; Engineering Chemistry Research</i> , 2007, 46, 4323-4329.	1.8	46
343	Halide-free highly-pure imidazolium triflate ionic liquids: Preparation and use in palladium-catalysed allylic alkylation. <i>Green Chemistry</i> , 2007, 9, 1097.	4.6	52
344	Photoinduced Electron Transfer Reaction in Room Temperature Ionic Liquids: A Combined Laser Flash Photolysis and Fluorescence Study. <i>Journal of Physical Chemistry B</i> , 2007, 111, 1957-1962.	1.2	107
345	Solute Rotation and Solvation Dynamics in an Alcohol-Functionalized Room Temperature Ionic Liquid. <i>Journal of Physical Chemistry B</i> , 2007, 111, 4724-4731.	1.2	135
346	Studies on the Micropolarities of bmimBF <sub>4</sub> /TX-100/Toluene Ionic Liquid Microemulsions and Their Behaviors Characterized by UV-Visible Spectroscopy. <i>Langmuir</i> , 2007, 23, 1091-1097.	1.6	134
347	Separation of Benzene and Hexane by Solvent Extraction with 1-Alkyl-3-methylimidazolium Bis((trifluoromethyl)sulfonyl)amide Ionic Liquids: Effect of the Alkyl-Substituent Length. <i>Journal of Physical Chemistry B</i> , 2007, 111, 4732-4736.	1.2	194
348	Self-aggregation of ionic liquids: micelle formation in aqueous solution. <i>Green Chemistry</i> , 2007, 9, 481.	4.6	546
349	Miscibility and phase behavior of water-dicarboxylic acid type ionic liquid mixed systems. <i>Chemical Communications</i> , 2007, , 3089-3091.	2.2	58
350	Estimation of Ionic Conductivity and Viscosity of Ionic Liquids Using a QSPR Model. <i>Journal of Physical Chemistry C</i> , 2007, 111, 15989-15994.	1.5	103
351	Intermolecular Interactions and Dynamics of Room Temperature Ionic Liquids That Have Silyl- and Siloxy-Substituted Imidazolium Cations. <i>Journal of Physical Chemistry B</i> , 2007, 111, 4819-4829.	1.2	109
352	Novel Ionic Liquid Crystals Based on N-Alkylcaprolactam as Cations. <i>Chemistry of Materials</i> , 2007, 19, 2544-2550.	3.2	40
353	Picosecond Time-Resolved Fluorescence Study on Solute-Solvent Interaction of 2-Aminoquinoline in Room-Temperature Ionic Liquids: Aromaticity of Imidazolium-Based Ionic Liquids. <i>Journal of Physical Chemistry B</i> , 2007, 111, 4914-4919.	1.2	43
354	Orientation of 1-Dodecyl-4-phenylpyridinium Ions Constituting an Ionic Liquid at the Ionic Liquid   Water Interface Studied by Second Harmonic Generation. <i>Journal of Physical Chemistry C</i> , 2007, 111, 12461-12466.	1.5	19
355	Raman Spectroscopic Study on the Solvation of N,N-Dimethyl-p-nitroaniline in Room-Temperature Ionic Liquids. <i>Journal of Physical Chemistry A</i> , 2007, 111, 7081-7089.	1.1	36
356	Phase Equilibrium Studies on Ionic Liquid Systems for Industrial Separation Processes of Complex Organic Mixtures. , 2007, , 85-111.		2
357	Use of a green and cheap ionic liquid to purify gasoline octane boosters. <i>Green Chemistry</i> , 2007, 9, 247-253.	4.6	91
358	Ions at the Surface of a Room-Temperature Ionic Liquid. <i>Journal of Physical Chemistry C</i> , 2007, 111, 7682-7691.	1.5	58

#	ARTICLE	IF	CITATIONS
359	Renewable plant-based soybean oil methyl esters as alternatives to organic solvents. <i>Green Chemistry</i> , 2007, 9, 1008.	4.6	42
360	Efficient synthesis of benzophenone derivatives in Lewis acid ionic liquids. <i>Catalysis Communications</i> , 2007, 8, 1834-1837.	1.6	38
361	Lanthanides and Actinides in Ionic Liquids. <i>Chemical Reviews</i> , 2007, 107, 2592-2614.	23.0	616
363	Rheological Behaviors of Polyacrylonitrile/1-Butyl-3-Methylimidazolium Chloride Concentrated Solutions. <i>International Journal of Molecular Sciences</i> , 2007, 8, 180-188.	1.8	39
364	The Preparation and Characterization of Poly(m-phenylene-isophthalamide) Fibers Using Ionic Liquids. <i>International Journal of Molecular Sciences</i> , 2007, 8, 680-685.	1.8	22
365	Prediction of The Ionic Conductivity and Viscosity of Ionic Liquids by QSPR Using Descriptors of Group Contribution Type. <i>Journal of Computer Aided Chemistry</i> , 2007, 8, 114-127.	0.3	20
366	The Path Ahead for Ionic Liquids. <i>Chemical Engineering and Technology</i> , 2007, 30, 819-828.	0.9	81
367	Extraction of Proteins from Biological Fluids by Use of an Ionic Liquid/Aqueous Two-Phase System. <i>Chemistry - A European Journal</i> , 2007, 13, 2130-2137.	1.7	285
368	An Abnormal Resonance Light Scattering Arising from Ionic-Liquid/DNA/Ethidium Interactions. <i>Chemistry - A European Journal</i> , 2007, 13, 4833-4839.	1.7	34
369	Reverse atom transfer radical polymerization of MMA via immobilized catalysts in imidazolium ionic liquids. <i>Journal of Applied Polymer Science</i> , 2007, 103, 3915-3919.	1.3	23
370	Atom transfer radical polymerization of methyl acrylate with molybdenum halides as catalysts in an ionic liquid. <i>Journal of Applied Polymer Science</i> , 2007, 105, 278-281.	1.3	27
371	Ionic Liquids for the Production of Insecticidal and Microbicidal Extracts of the Fungus <i>Cantharellus cibarius</i> . <i>Chemistry and Biodiversity</i> , 2007, 4, 2218-2224.	1.0	17
372	Microcantilever sensors with chemically selective coatings of ionic liquids. <i>AIChE Journal</i> , 2007, 53, 2726-2731.	1.8	3
373	Measurements of thermal conductivity of 1-butyl-3-methylimidazolium tetrafluoroborate at high pressure. <i>Heat Transfer - Asian Research</i> , 2007, 36, 361-372.	2.8	30
374	Ionic Liquids Modify the Performance of Carbon Based Potentiometric Sensors. <i>Electroanalysis</i> , 2007, 19, 582-586.	1.5	54
375	Measurement and Correlation of the Ionic Conductivity of Ionic Liquid-Molecular Solvent Solutions. <i>Chinese Journal of Chemistry</i> , 2007, 25, 1349-1356.	2.6	31
376	An Ionic Liquid Bulk-Modified Carbon Paste Electrode and Its Electrocatalytic Activity toward <i>p</i> -Aminophenol. <i>Chinese Journal of Chemistry</i> , 2007, 25, 1652-1657.	2.6	7
377	States of Water Located in the Continuous Organic Phase of 1-butyl-3-methylimidazolium Tetrafluoroborate/Triton X-100/Triethylamine Reverse Microemulsions. <i>ChemPhysChem</i> , 2007, 8, 2211-2217.	1.0	47



#	ARTICLE	IF	CITATIONS
378	Study on the extraction of dyes into a room-temperature ionic liquid and their mechanisms. Journal of Chemical Technology and Biotechnology, 2007, 82, 196-204.	1.6	61
379	Determination of aqueous inclusion complexation constants and stoichiometry of alkyl(methyl)-methylimidazolium-based ionic liquid cations and neutral cyclodextrins by affinity capillary electrophoresis. Journal of Separation Science, 2007, 30, 751-760.	1.3	32
380	High-pressure phase behavior of CO <sub>2</sub> /acetone/ionic liquid system. Journal of Supercritical Fluids, 2007, 40, 1-6.	1.6	48
381	A review of ionic liquids towards supercritical fluid applications. Journal of Supercritical Fluids, 2007, 43, 150-180.	1.6	648
382	Thermal decomposition of 4-amino-1,2,4-triazolium nitrate under infrared laser heating. Thermochemica Acta, 2007, 454, 116-127.	1.2	22
383	Quantum chemical aided prediction of the thermal decomposition mechanisms and temperatures of ionic liquids. Thermochemica Acta, 2007, 465, 40-47.	1.2	226
384	Mercury extraction by ionic liquids: temperature and alkyl chain length effect. Tetrahedron Letters, 2007, 48, 1767-1769.	0.7	100
385	Design and synthesis of fused-ring chiral ionic liquids from amino acid derivatives. Tetrahedron Letters, 2007, 48, 1999-2002.	0.7	26
386	Simple and straightforward synthesis of novel enantiopure ionic liquids via efficient enzymatic resolution of (R)-2-(1H-imidazol-1-yl)cyclohexanol. Tetrahedron Letters, 2007, 48, 5251-5254.	0.7	27
387	Complex formation of ionic liquid surfactant and $\beta$ -cyclodextrin. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2007, 292, 196-201.	2.3	78
388	Interfacial and micellar properties of imidazolium-based monocationic and dicationic ionic liquids. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2007, 302, 150-156.	2.3	258
389	Magnetically rotational reactor for absorbing benzene emissions by ionic liquids. Particuology: Science and Technology of Particles, 2007, 5, 130-133.	0.4	28
390	Structural and characteristic analysis of carbon nanotubes-ionic liquid gel biosensor. Electrochemistry Communications, 2007, 9, 2457-2462.	2.3	50
391	Evaluation of COSMO-RS for the prediction of LLE and VLE of alcohols+ionic liquids. Fluid Phase Equilibria, 2007, 255, 167-178.	1.4	127
392	Integrated reaction/separation processes for the kinetic resolution of rac-1-phenylethanol using supported liquid membranes based on ionic liquids. Chemical Engineering and Processing: Process Intensification, 2007, 46, 818-824.	1.8	32
393	Nonaqueous capillary electrophoretic behavior of 2-aryl propionic acids in the presence of an achiral ionic liquid. Journal of Chromatography A, 2007, 1138, 268-275.	1.8	36
394	Application of ionic liquids in the microwave-assisted extraction of trans-resveratrol from Rhizma Polygoni Cuspidati. Journal of Chromatography A, 2007, 1140, 56-62.	1.8	187
395	Evaluation of chiral ionic liquids as additives to cyclodextrins for enantiomeric separations by capillary electrophoresis. Journal of Chromatography A, 2007, 1155, 134-141.	1.8	119



#	ARTICLE	IF	CITATIONS
396	An ionic liquid as a solvent for headspace single drop microextraction of chlorobenzenes from water samples. <i>Analytica Chimica Acta</i> , 2007, 584, 189-195.	2.6	161
397	Hydroformylation of higher olefin in halogen-free ionic liquids catalyzed by water-soluble rhodium-phosphine complexes. <i>Applied Catalysis A: General</i> , 2007, 328, 83-87.	2.2	25
398	Synthesis of soluble coordination polymer nanoparticles using room-temperature ionic liquid. <i>Inorganica Chimica Acta</i> , 2007, 360, 3829-3836.	1.2	19
399	Molecular interactions in 1,3-dimethylimidazolium-bis(trifluoromethanesulfonyl)imide ionic liquid. <i>Chemical Physics</i> , 2007, 342, 245-252.	0.9	28
400	Spectroelectrochemical study of a soluble derivative of poly(aniline) in a room temperature ionic liquid. <i>Electrochimica Acta</i> , 2007, 53, 1217-1224.	2.6	14
401	High-pressure phase behavior of the ternary system CO <sub>2</sub> +ionic liquid [bmim][PF <sub>6</sub> ]+naphthalene. <i>Fluid Phase Equilibria</i> , 2007, 251, 114-120.	1.4	26
402	Viscosity-induced errors in the density determination of room temperature ionic liquids using vibrating tube densitometry. <i>Fluid Phase Equilibria</i> , 2007, 252, 96-102.	1.4	191
403	Carbonylation of iodobenzene catalyzed by water-soluble palladium-phosphine complexes in ionic liquid. <i>Journal of Molecular Catalysis A</i> , 2007, 264, 17-21.	4.8	14
404	An advantageous tetrameric titanium alkoxide/ionic liquid as a recyclable catalyst system for the selective oxidation of sulfides to sulfones. <i>Journal of Molecular Catalysis A</i> , 2007, 272, 233-240.	4.8	41
405	Application of the transient grating method to the investigation of the photo-thermalization process of malachite green in room temperature ionic liquids. <i>Journal of Molecular Liquids</i> , 2007, 134, 49-54.	2.3	15
406	A novel application of supported liquid membranes based on ionic liquids to the selective simultaneous separation of the substrates and products of a transesterification reaction. <i>Journal of Membrane Science</i> , 2007, 293, 73-80.	4.1	84
407	A SEM-EDX study of highly stable supported liquid membranes based on ionic liquids. <i>Journal of Membrane Science</i> , 2007, 300, 88-94.	4.1	80
408	Photocatalytic selective aerobic oxidation of alcohols to aldehydes and ketones by HPW/MCM-41 in ionic liquids. <i>Journal of Molecular Catalysis A</i> , 2007, 276, 73-79.	4.8	28
409	The electrochemical capacitance of nanoporous carbons in aqueous and ionic liquids. <i>Journal of Power Sources</i> , 2007, 171, 1054-1061.	4.0	55
410	Ionic liquid of [Bmim]+Cl <sup>-</sup> for the preparation of hierarchical nanostructured rutile titania. <i>Journal of Solid State Chemistry</i> , 2007, 180, 799-803.	1.4	60
411	Centrifugal extraction for separation of ethylbenzene and octane using 1-butyl-3-methylimidazolium hexafluorophosphate ionic liquid as extractant. <i>Separation and Purification Technology</i> , 2007, 56, 237-240.	3.9	40
412	Surface tensions of imidazolium based ionic liquids: Anion, cation, temperature and water effect. <i>Journal of Colloid and Interface Science</i> , 2007, 314, 621-630.	5.0	406
413	Conducting Organic-Metallic Composite Submicrometer Rods Based on Ionic Liquids. <i>Small</i> , 2007, 3, 429-433.	5.2	17

#	ARTICLE	IF	CITATIONS
414	Synthesis of PbS nanocubes using an ionic liquid as the solvent. <i>Materials Letters</i> , 2007, 61, 4791-4793.	1.3	20
415	Synthesis of nanostructured TiO <sub>2</sub> particles in room temperature ionic liquid and its photocatalytic performance. <i>Materials Letters</i> , 2007, 61, 5056-5058.	1.3	36
416	Alkylation of ambident indole anion in ionic liquids. <i>Open Chemistry</i> , 2007, 5, 156-168.	1.0	6
417	Ionic liquid based on a quaternary phosphonium cation as a plasticizer and an electrode-active component of ion-selective electrode membranes. <i>Moscow University Chemistry Bulletin</i> , 2007, 62, 48-51.	0.2	3
418	Nitrate-containing ionic liquids as active membrane components of nitrate-selection electrodes. <i>Moscow University Chemistry Bulletin</i> , 2007, 62, 200-203.	0.2	1
419	Mutual Solubilities of Water and Hydrophobic Ionic Liquids. <i>Journal of Physical Chemistry B</i> , 2007, 111, 13082-13089.	1.2	374
420	The Second Evolution of Ionic Liquids: From Solvents and Separations to Advanced Materials—Energetic Examples from the Ionic Liquid Cookbook. <i>Accounts of Chemical Research</i> , 2007, 40, 1182-1192.	7.6	454
421	Effect of mobile phase additives on resolution of some nucleic compounds in high performance liquid chromatography. <i>Biotechnology and Bioprocess Engineering</i> , 2007, 12, 525-530.	1.4	13
422	Dissolution of cellulose in ionic liquids as a way to obtain test materials for metal-ion detection. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 387, 2263-2269.	1.9	51
423	Ionic liquid as a solvent and the long-term separation performance in a polymer/silver salt complex membrane. <i>Macromolecular Research</i> , 2007, 15, 167-172.	1.0	26
424	Combination of ionic liquid [bmim]PF <sub>6</sub> with boron trifluoride etherate as an efficient catalytic system for the glycosylation of 1- $\alpha$ -tocopherol and naphthotocopherol. <i>Russian Chemical Bulletin</i> , 2007, 56, 2487-2490.	0.4	4
425	Thermal Conductivities of [bmim][PF <sub>6</sub> ], [hmim][PF <sub>6</sub> ], and [omim][PF <sub>6</sub> ] from 294 to 335 K at Pressures up to 20 MPa. <i>International Journal of Thermophysics</i> , 2007, 28, 1147-1160.	1.0	110
426	Density and Refractive Index for Binary Systems of the Ionic Liquid [Bmim][BF <sub>4</sub> ] with Methanol, 1,3-Dichloropropane, and Dimethyl Carbonate. <i>Journal of Solution Chemistry</i> , 2007, 36, 1219-1230.	0.6	91
427	Ionic liquids as a reaction medium for lipase-catalyzed methanolysis of sunflower oil. <i>Biotechnology Letters</i> , 2007, 29, 1881-1885.	1.1	65
428	Extraction Mechanism of Metal Ion from Aqueous Solution to the Hydrophobic Ionic Liquid, 1-Butyl-3-methylimidazolium Nonafluorobutanesulfonate. <i>Monatshefte für Chemie</i> , 2007, 138, 1145-1151.	0.9	59
429	Application of Task-specific Ionic Liquids for Intensified Separations. <i>Monatshefte für Chemie</i> , 2007, 138, 1125-1136.	0.9	48
430	Raman Spectroscopy and Ab-Initio Model Calculations on Ionic Liquids. <i>Monatshefte für Chemie</i> , 2007, 138, 1045-1075.	0.9	117
431	Measurement of activity coefficients at infinite dilution for hydrocarbons in imidazolium-based ionic liquids and QSPR model. <i>Frontiers of Chemical Engineering in China</i> , 2007, 1, 190-194.	0.6	16

#	ARTICLE	IF	CITATIONS
432	Investigation on the electro-oxidation of iodide in the room temperature ionic liquid, 1-butyl-3-methylimidazolium tetrafluoroborate at platinum electrode. <i>Electrochimica Acta</i> , 2007, 52, 4082-4086.	2.6	35
433	Synthesis and characterization of two ionic liquids with emphasis on their chemical stability towards metallic lithium. <i>Electrochimica Acta</i> , 2007, 52, 6427-6437.	2.6	160
434	Phase equilibria of mixtures of mutually immiscible ionic liquids. <i>Fluid Phase Equilibria</i> , 2007, 261, 427-433.	1.4	64
435	A preliminary investigation on the use of organic ionic liquids as green solvents for acylation and oxidation reactions. <i>Journal of Cleaner Production</i> , 2007, 15, 1797-1805.	4.6	14
436	The preparation of sol-gel materials doped with ionic liquids and trialkyl phosphine oxides for Yttrium(III) uptake. <i>Analytica Chimica Acta</i> , 2007, 604, 107-113.	2.6	59
437	Green synthesis of ZnO nanoparticles in a room-temperature ionic liquid 1-ethyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide. <i>Journal of Physics and Chemistry of Solids</i> , 2008, 69, 2057-2060.	1.9	35
438	Excess properties for binary systems ionic liquid+ethanol: Experimental results and theoretical description using the ERAS model. <i>Fluid Phase Equilibria</i> , 2008, 274, 59-67.	1.4	159
439	Ionic liquids based single drop microextraction combined with electrothermal vaporization inductively coupled plasma mass spectrometry for determination of Co, Hg and Pb in biological and environmental samples. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2008, 63, 1290-1296.	1.5	134
440	Ionic liquids used as QCM coating materials for the detection of alcohols. <i>Sensors and Actuators B: Chemical</i> , 2008, 134, 258-265.	4.0	41
441	A green procedure for the protection of carbonyl compounds catalyzed by iodine in ionic liquid. <i>Tetrahedron Letters</i> , 2008, 49, 7110-7112.	0.7	39
442	Alkylation of the ambident indole ion in ionic liquids. <i>Chemistry of Heterocyclic Compounds</i> , 2008, 44, 530-541.	0.6	9
443	Alkylation of the 2-hydroxypyridine anion in ionic liquid media. <i>Chemistry of Heterocyclic Compounds</i> , 2008, 44, 549-558.	0.6	11
444	Esterification of alcohols with acetic anhydride in Brønsted acidic ionic liquids at room temperature. <i>Reaction Kinetics and Catalysis Letters</i> , 2008, 93, 257-263.	0.6	12
445	Esterification of acetonitrile with alcohols in novel Brønsted acidic ionic liquids. <i>Reaction Kinetics and Catalysis Letters</i> , 2008, 95, 265-271.	0.6	15
446	Electrochemical behavior of CoCl <sub>2</sub> in ionic liquid 1-butyl-3-methylimidazolium hexafluorophosphate. <i>Central South University</i> , 2008, 15, 617-621.	0.5	2
447	Alkylation of isobutane and butene using chloroaluminate imidazolium ionic liquid as catalyst: Effect of organosulfur compound additive. <i>Korean Journal of Chemical Engineering</i> , 2008, 25, 982-986.	1.2	15
448	Regioselective acylation of pyridoxine catalyzed by immobilized lipase in ionic liquid. <i>Frontiers of Chemical Engineering in China</i> , 2008, 2, 301-307.	0.6	3
449	Synthesis of hierarchical CuS flower-like microspheres via an ionic liquid-assisted route. <i>Bulletin of Materials Science</i> , 2008, 31, 931-935.	0.8	10

#	ARTICLE	IF	CITATIONS
450	Solubility of $\beta$ -cyclodextrin in different mixed solvents. <i>Petroleum Science</i> , 2008, 5, 263-268.	2.4	11
451	Studies on the phase behavior and solubilization of the microemulsion formed by surfactant-like ionic liquids with $\beta$ -fish-like phase diagram. <i>Colloid and Polymer Science</i> , 2008, 286, 579-586.	1.0	10
452	Extraction of Cytochrome C by Ionic Liquid 1-Butyl-3-trimethylsilylimidazolium Hexafluorophosphate. <i>Chinese Journal of Analytical Chemistry</i> , 2008, 36, 1187-1190.	0.9	20
453	Ionic liquids as an efficient bulk membrane for the selective transport of organic compounds. <i>Journal of Physical Organic Chemistry</i> , 2008, 21, 718-723.	0.9	24
454	Reverse ATRP process of acrylonitrile in the presence of ionic liquids. <i>Journal of Polymer Science Part A</i> , 2008, 46, 2701-2707.	2.5	18
455	Polyelectrolyte-grafted carbon nanotubes: Synthesis, reversible phase-transition behavior, and tribological properties as lubricant additives. <i>Journal of Polymer Science Part A</i> , 2008, 46, 7225-7237.	2.5	63
456	Conductive Composites of Polyurethane Resins and Ionic Liquids. <i>Macromolecular Materials and Engineering</i> , 2008, 293, 409-418.	1.7	18
457	Separation of ternary systems of hydrophilic ionic liquid with miscible organic compounds by RPLC with refractive index detection. <i>Journal of Separation Science</i> , 2008, 31, 1060-1066.	1.3	15
458	Coupling of ionic liquid-based headspace single-drop microextraction with GC for sensitive detection of phenols. <i>Journal of Separation Science</i> , 2008, 31, 3045-3049.	1.3	66
459	Biodegradable Naphthenic Acid Ionic Liquids: Synthesis, Characterization, and Quantitative Structure-Biodegradation Relationship. <i>Chemistry - A European Journal</i> , 2008, 14, 11174-11182.	1.7	199
460	Synthesis and characterization of novel chiral ionic liquids and investigation of their enantiomeric recognition properties. <i>Chirality</i> , 2008, 20, 151-158.	1.3	84
461	Nanodroplet Cluster Formation in Ionic Liquid Microemulsions. <i>ChemPhysChem</i> , 2008, 9, 1603-1609.	1.0	21
462	The crystallization of lysozyme in the system of ionic liquid [BMIm][BF <sub>4</sub> ]-water. <i>Crystal Research and Technology</i> , 2008, 43, 1062-1068.	0.6	28
463	Fluorine-Containing Ionic Liquids from <i>N</i> -Alkylpyrrolidine and <i>N</i> -Methylpiperidine and Fluorinated Acetylacetones: Low Melting Points and Low Viscosities. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 3353-3358.	1.0	16
464	Fabrication, Characterization, and Application of Sandwich-Type™ Electrode Based on Single-Walled Carbon Nanotubes and Room Temperature Ionic Liquid. <i>Electroanalysis</i> , 2008, 20, 1909-1916.	1.5	6
465	Fabrication of molecularly imprinted hybrid monoliths via a room temperature ionic liquid-mediated nonhydrolytic sol-gel route for chiral separation of zolmitriptan by capillary electrochromatography. <i>Electrophoresis</i> , 2008, 29, 952-959.	1.3	83
466	Biphasic Hydrogenation of Olefins by Functionalized Ionic Liquid-Stabilized Palladium Nanoparticles. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 2077-2085.	2.1	70
467	Isonothermal synthesis of microporous aluminum and gallium phosphates. <i>Journal of Crystal Growth</i> , 2008, 311, 167-171.	0.7	26

#	ARTICLE	IF	CITATIONS
468	Density and refractive index in mixtures of ionic liquids and organic solvents: Correlations and predictions. <i>Journal of Chemical Thermodynamics</i> , 2008, 40, 949-956.	1.0	139
469	Studies on applications of room temperature ionic liquids. <i>Progress in Nuclear Energy</i> , 2008, 50, 449-455.	1.3	49
470	Evidence of change in the molecular organization of 1-n-butyl-3-methylimidazolium tetrafluoroborate ionic liquid solutions with the addition of water. <i>Polyhedron</i> , 2008, 27, 3287-3293.	1.0	98
471	Preparation of microcapsules containing ionic liquids with a new solvent extraction system. <i>Reactive and Functional Polymers</i> , 2008, 68, 1260-1265.	2.0	46
472	Solvent extraction of selected endocrine-disrupting phenols using ionic liquids. <i>Separation and Purification Technology</i> , 2008, 61, 324-331.	3.9	191
473	Highly efficient extraction of phenols and aromatic amines into novel ionic liquids incorporating quaternary ammonium cation. <i>Separation and Purification Technology</i> , 2008, 63, 710-715.	3.9	102
474	Potentiometric response of ion-selective membranes with ionic liquids as ion-exchanger and plasticizer. <i>Sensors and Actuators B: Chemical</i> , 2008, 133, 308-314.	4.0	40
475	Sensitive and stable amperometric measurements at ionic liquid-carbon paste microelectrodes. <i>Analytica Chimica Acta</i> , 2008, 606, 45-49.	2.6	99
476	Sensitive determination of cadmium in water samples by room temperature ionic liquid-based preconcentration and electrothermal atomic absorption spectrometry. <i>Analytica Chimica Acta</i> , 2008, 628, 41-48.	2.6	64
477	Pressure-volume-temperature (PVT) measurements of ionic liquids ([bmim+][PF6 <sup>-</sup> ], [bmim+][BF4 <sup>-</sup> ]), <i>Tj ETQq1 1 0.784314 rgB</i> 2008, 264, 147-155.	1.4	131
478	Optimization of lipase-catalyzed enantioselective esterification of (±)-menthol in ionic liquid. <i>Food Chemistry</i> , 2008, 109, 72-80.	4.2	48
479	Electrochemical oxidation behavior of hydroxypivalaldehyde in the ionic liquids. <i>Chinese Chemical Letters</i> , 2008, 19, 319-323.	4.8	19
480	The alcoholysis of acetonitrile prompted by Brønsted acidic ionic liquid [HSO <sub>3</sub> -pmim]HSO <sub>4</sub> . <i>Chinese Chemical Letters</i> , 2008, 19, 889-892.	4.8	8
481	Conceptual process design for aromatic/aliphatic separation with ionic liquids. <i>Chemical Engineering Research and Design</i> , 2008, 86, 745-752.	2.7	161
482	Sample preparation. <i>Journal of Chromatography A</i> , 2008, 1184, 191-219.	1.8	291
483	Ionic liquid-based single-drop microextraction/gas chromatographic/mass spectrometric determination of benzene, toluene, ethylbenzene and xylene isomers in waters. <i>Journal of Chromatography A</i> , 2008, 1201, 106-111.	1.8	125
484	Electrochemical behavior of rhodium(III) in 1-butyl-3-methylimidazolium chloride ionic liquid. <i>Electrochimica Acta</i> , 2008, 53, 2794-2801.	2.6	29
485	Facile synthesis and electrochemical capacitance of composites of polypyrrole/multi-walled carbon nanotubes. <i>Electrochimica Acta</i> , 2008, 53, 4990-4997.	2.6	52

#	ARTICLE	IF	CITATIONS
486	Understanding specific effects on the standard potential shifts of electrogenerated species in 1-butyl-3-methylimidazolium ionic liquids. <i>Electrochimica Acta</i> , 2008, 53, 5968-5976.	2.6	26
487	Evaluation of COSMO-RS for the prediction of LLE and VLE of water and ionic liquids binary systems. <i>Fluid Phase Equilibria</i> , 2008, 268, 74-84.	1.4	144
488	Thiophene separation from aliphatic hydrocarbons using the 1-ethyl-3-methylimidazolium ethylsulfate ionic liquid. <i>Fluid Phase Equilibria</i> , 2008, 270, 97-102.	1.4	112
489	Synthesis and characterization of nanosized micro-mesoporous ZrO <sub>2</sub> via Ionic liquid templating. <i>Materials Science and Engineering C</i> , 2008, 28, 1217-1226.	3.8	13
490	Coordination polymer nano-objects into ionic liquids: Nanoparticles and superstructures. <i>Inorganica Chimica Acta</i> , 2008, 361, 3988-3996.	1.2	30
491	Acid in ionic liquid: An efficient system for hydrolysis of lignocellulose. <i>Green Chemistry</i> , 2008, 10, 177-182.	4.6	417
492	Application of mutually immiscible ionic liquids to the separation of aromatic and aliphatic hydrocarbons by liquid extraction: a preliminary approach. <i>Physical Chemistry Chemical Physics</i> , 2008, 10, 2538.	1.3	83
493	Effect of imidazolium-based ionic liquids on the photosynthetic activity and growth rate of <i>Selenastrum capricornutum</i> . <i>Environmental Toxicology and Chemistry</i> , 2008, 27, 1583-1589.	2.2	26
494	pH Memory of Immobilized Lipase for (±)-Menthol Resolution in Ionic Liquid. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 2388-2391.	2.4	26
495	Solvation and Aggregation of N,N'-Dialkylimidazolium Ionic Liquids: A Multinuclear NMR Spectroscopy and Molecular Dynamics Simulation Study. <i>Journal of Physical Chemistry B</i> , 2008, 112, 7363-7369.	1.2	89
496	Preparation and properties of polyaniline codoped with ionic liquid and dodecyl benzene sulfonic acid or hydrochloric acid. <i>Polymer Science - Series B</i> , 2008, 50, 209-214.	0.3	14
497	Liquid-liquid equilibria of butyric acid for solvents containing a phosphonium ionic liquid. <i>Chemical Papers</i> , 2008, 62, .	1.0	60
498	Ionic liquid-mediated Darzens condensation: An environmentally-friendly procedure for the room-temperature synthesis of 1,2-epoxy ketones. <i>Journal of the Iranian Chemical Society</i> , 2008, 5, 135-139.	1.2	10
499	Successful Control of Aggregation and Folding Rates during Refolding of Denatured Lysozyme by Adding N-Methylimidazolium Cations with Various Substituents. <i>Biotechnology Progress</i> , 2008, 24, 402-408.	1.3	33
500	Room temperature ionic liquids and their mixtures: Potential pharmaceutical solvents. <i>European Journal of Pharmaceutical Sciences</i> , 2008, 33, 326-331.	1.9	212
501	Hydrothermal synthesis of sheaf-like CuO via ionic liquids. <i>Materials Letters</i> , 2008, 62, 385-388.	1.3	83
502	Shape-controlled synthesis of single-crystalline cupric oxide by microwave heating using an ionic liquid. <i>Materials Letters</i> , 2008, 62, 2787-2790.	1.3	79
503	Hydrothermal synthesis of hollow MoS <sub>2</sub> microspheres in ionic liquids/water binary emulsions. <i>Materials Letters</i> , 2008, 62, 3558-3560.	1.3	46



#	ARTICLE	IF	CITATIONS
504	Fluorescence Behavior and Specific Interactions of an Ionic Liquid in Ethylene Glycol Derivatives. <i>Journal of Physical Chemistry B</i> , 2008, 112, 4079-4086.	1.2	74
505	Isothermogravimetric Determination of the Enthalpies of Vaporization of 1-Alkyl-3-methylimidazolium Ionic Liquids. <i>Journal of Physical Chemistry B</i> , 2008, 112, 10077-10081.	1.2	166
506	Solvation of Carbohydrates in <i>N,N</i> -Dialkylimidazolium Ionic Liquids: A Multinuclear NMR Spectroscopy Study. <i>Journal of Physical Chemistry B</i> , 2008, 112, 11071-11078.	1.2	185
507	Mutual Solubilities of Water and the [C <sub>n</sub> mim][Tf <sub>2</sub> N] Hydrophobic Ionic Liquids. <i>Journal of Physical Chemistry B</i> , 2008, 112, 1604-1610.	1.2	325
509	Ionic liquids for liquid-in-glass thermometers. <i>Green Chemistry</i> , 2008, 10, 501.	4.6	37
510	Ionic Liquids in Heterocyclic Synthesis. <i>Chemical Reviews</i> , 2008, 108, 2015-2050.	23.0	640
511	Ionic Liquid-Based "All-in-One" Synthesis and Photoluminescence Properties of Lanthanide Fluorides. <i>Journal of Physical Chemistry C</i> , 2008, 112, 10083-10088.	1.5	86
512	Efficient Heck reactions catalyzed by a palladium/diol-imidazolium salt in aerial atmosphere. <i>Catalysis Communications</i> , 2008, 9, 1209-1213.	1.6	22
513	A mild and efficient oxidation of 2,3,6-trimethylphenol to trimethyl-1,4-benzoquinone in ionic liquids. <i>Catalysis Communications</i> , 2008, 9, 1979-1981.	1.6	23
514	Free Volume Dependence of the Internal Rotation of a Molecular Rotor Probe in Room Temperature Ionic Liquids. <i>Journal of Physical Chemistry B</i> , 2008, 112, 16626-16632.	1.2	72
515	Controllable Formation of Ionic Liquid Micro- and Nanoparticles via a Melt "Emulsion" Quench Approach. <i>Nano Letters</i> , 2008, 8, 897-901.	4.5	59
516	Solubility of Water in Tetradecyltriethylphosphonium-Based Ionic Liquids. <i>Journal of Chemical &amp; Engineering Data</i> , 2008, 53, 2378-2382.	1.0	114
517	Separation of Ethyl Acetate/Ethanol Azeotropic Mixture Using Hydrophilic Ionic Liquids. <i>Industrial &amp; Engineering Chemistry Research</i> , 2008, 47, 1995-2001.	1.8	62
518	Advanced Liquid Membranes Based on Novel Ionic Liquids for Selective Separation of Olefin/Paraffin via Olefin-Facilitated Transport. <i>Industrial &amp; Engineering Chemistry Research</i> , 2008, 47, 881-888.	1.8	94
519	Developmental toxicity assessment of the ionic liquid 1-butyl-3-methylimidazolium chloride in CD-1 mice. <i>Green Chemistry</i> , 2008, 10, 1213.	4.6	45
520	Crown-ether enclosure generated by ionic liquid components synthesis, crystal structure and Raman spectra of compounds of imidazolium based salts and 18-crown-6. <i>CrystEngComm</i> , 2008, 10, 103-110.	1.3	18
521	Extraction of uranium (VI) by 1.1M tri-n-butylphosphate/ionic liquid and the feasibility of recovery by direct electrodeposition from organic phase. <i>Journal of Alloys and Compounds</i> , 2008, 448, 104-108.	2.8	128
522	Anion concentration-dependent partitioning mechanism in the extraction of uranium into room-temperature ionic liquids. <i>Talanta</i> , 2008, 75, 598-603.	2.9	199



#	ARTICLE	IF	CITATIONS
523	Partition of horseradish peroxidase with maintained activity in aqueous biphasic system based on ionic liquid. <i>Talanta</i> , 2008, 77, 160-165.	2.9	71
524	Carboxyl-Functionalized Task-Specific Ionic Liquids for Solubilizing Metal Oxides. <i>Inorganic Chemistry</i> , 2008, 47, 9987-9999.	1.9	232
525	The ecotoxicity of ionic liquids and traditional organic solvents on microalga <i>Selenastrum capricornutum</i> . <i>Ecotoxicology and Environmental Safety</i> , 2008, 71, 166-171.	2.9	170
526	Ionic liquids for synthesis of inorganic nanomaterials. <i>Current Opinion in Solid State and Materials Science</i> , 2008, 12, 1-8.	5.6	218
527	Why Single-Walled Carbon Nanotubes Can Be Dispersed in Imidazolium-Based Ionic Liquids. <i>ACS Nano</i> , 2008, 2, 2540-2546.	7.3	296
528	Effect of Anions on the Extraction of Lanthanides (III) by N,N-Dimethyl-N,N-Diphenyl-Oxapentanediamide. <i>Solvent Extraction and Ion Exchange</i> , 2008, 26, 77-99.	0.8	55
529	The relationship between solvent polarity and molar volume in room-temperature ionic liquids. <i>Green Chemistry</i> , 2008, 10, 80-86.	4.6	65
530	Isobaric Vapor-Liquid Equilibrium for Isopropanol + Water + 1-Ethyl-3-methylimidazolium Tetrafluoroborate. <i>Journal of Chemical &amp; Engineering Data</i> , 2008, 53, 275-279.	1.0	98
531	The importance of solvent reorganisation in the effect of an ionic liquid on a unimolecular substitution process. <i>Chemical Communications</i> , 2008, , 3576.	2.2	74
532	Novel low-melting salts with donor-acceptor substituents as targets for second-order nonlinear optical applications. <i>Chemical Communications</i> , 2008, , 5016.	2.2	23
533	Synthesis of Silver Nanoparticles in Ionic Liquid by a Simple Effective Electrochemical Method. <i>Journal of Dispersion Science and Technology</i> , 2008, 29, 1059-1061.	1.3	16
534	Crystallization of an organic compound from an ionic liquid using carbon dioxide as anti-solvent. <i>Green Chemistry</i> , 2008, 10, 333.	4.6	34
535	Immiscible electrolyte systems based on asymmetric hydrophobic room temperature ionic liquids. <i>Chemical Communications</i> , 2008, , 4980.	2.2	13
536	Aggregation Behavior of a Fluorinated Surfactant in 1-Butyl-3-methylimidazolium Ionic Liquids. <i>Journal of Physical Chemistry B</i> , 2008, 112, 12453-12460.	1.2	62
537	Excited-State Proton-Transfer Dynamics of 7-Hydroxyquinoline in Room Temperature Ionic Liquids. <i>Journal of Physical Chemistry B</i> , 2008, 112, 10101-10106.	1.2	103
538	Gas-Liquid Interface of Hydrophobic and Hydrophilic Room-Temperature Ionic Liquids and Benzene: Sum Frequency Generation and Surface Tension Studies. <i>Journal of Physical Chemistry C</i> , 2008, 112, 11459-11467.	1.5	35
539	Effect of Nonpolar Solvents on the Solute Rotation and Solvation Dynamics in an Imidazolium Ionic Liquid. <i>Journal of Physical Chemistry B</i> , 2008, 112, 947-953.	1.2	61
540	Imidazolium Ionic Liquid Crystals with Pendant Mesogenic Groups. <i>Chemistry of Materials</i> , 2008, 20, 157-168.	3.2	143

#	ARTICLE	IF	CITATIONS
541	Tunable Wettability of Polyimide Films Based on Electrostatic Self-Assembly of Ionic Liquids. <i>Langmuir</i> , 2008, 24, 3937-3943.	1.6	21
542	Comparison of Photophysical Properties of the Hemicyanine Dyes in Ionic and Nonionic Solvents. <i>Journal of Physical Chemistry B</i> , 2008, 112, 1906-1912.	1.2	37
543	Synthesis and Characterization of a Novel Water-Soluble Poly(p-phenylene) with Ionic Liquid Side Chain. <i>Journal of Dispersion Science and Technology</i> , 2008, 29, 1158-1161.	1.3	2
544	Room temperature ionic liquids containing low water concentrations—a molecular dynamics study. <i>Physical Chemistry Chemical Physics</i> , 2008, 10, 4240.	1.3	91
545	Effect of Polymerization Conditions on the Rheological Behavior of Acrylic Polymer Solutions with 1-Butyl-3-Methylimidazolium Tetrafluoroborate as Solvent. <i>Polymer-Plastics Technology and Engineering</i> , 2008, 47, 688-691.	1.9	5
546	Aggregation Behavior of Polyoxyethylene (20) Sorbitan Monolaurate (Tween 20) in Imidazolium Based Ionic Liquids. <i>Langmuir</i> , 2008, 24, 9314-9322.	1.6	55
547	1-Alkoxyethyl-X-dimethylaminopyridinium-base ionic liquids in wood preservation. <i>Holzforschung</i> , 2008, 62, 309-317.	0.9	26
548	Solvent extraction studies of Pu(IV) with CMPO in 1-octyl 3-methyl imidazolium hexa fluorophosphate (C8mimPF6) room temperature ionic liquid (RTIL). <i>Radiochimica Acta</i> , 2008, 96, .	0.5	39
549	Extraction and Mechanisms of Acid Dyes Into a Room Temperature Ionic Liquid. , 2008, , .		0
550	Hypervalent Iodine(III) Sulfonate Reagent Mediated Synthesis of 4-aryl-2-phenyloxazoles in Ionic Liquid. <i>Journal of the Chinese Chemical Society</i> , 2008, 55, 919-922.	0.8	2
551	Amberlyst-15 Catalyzed Novel Synthesis of Quinoline Derivatives in Ionic Liquid. <i>Journal of the Chinese Chemical Society</i> , 2008, 55, 915-918.	0.8	11
552	Extraction Behavior of Metal Cations in Ionic Liquid Chelate Extraction System. <i>Bunseki Kagaku</i> , 2008, 57, 949-959.	0.1	11
553	Mutual Solubility of Hydrophobic Ionic Liquids and Water in Liquid-Liquid Two-phase Systems for Analytical Chemistry. <i>Analytical Sciences</i> , 2008, 24, 1221-1230.	0.8	45
554	Dye Redissolution after Precipitation with a Water-miscible Ionic Liquid. <i>Chemistry Letters</i> , 2008, 37, 260-261.	0.7	18
555	Extraction of organic impurities using 1-butyl-3-methylimidazolium hexafluorophosphate [BMIM][PF <sub>6</sub> ]. <i>Polish Journal of Chemical Technology</i> , 2008, 10, 79-83.	0.3	6
556	A Review on the Electrochemical Applications of Room Temperature Ionic Liquids in Nuclear Fuel Cycle. <i>Journal of Nuclear and Radiochemical Sciences</i> , 2009, 10, 1_R1-1_R6.	0.7	51
557	Magnetic and Nonmagnetic Nanoparticles from a Group of Uniform Materials Based on Organic Salts. <i>ACS Nano</i> , 2009, 3, 3244-3250.	7.3	56
558	Reverse ATRP Process of Methacrylonitrile in [C4mim][PF <sub>6</sub> ]. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2009, 46, 759-764.	1.2	8

#	ARTICLE	IF	CITATIONS
559	Synthesis of Eco-Friendly Ionic Liquids by Microwave Irradiation and Their Applications in Michael Addition. , 2009, , .		0
560	Nanohybridized Synthesis of Metal Nanoparticles and Their Organization. Advances in Materials Research, 2009, , 3-40.	0.2	8
561	Ring-Opening of Cyclic Anhydrides using Ionic Liquids. Journal of Chemical Research, 2009, 2009, 167-169.	0.6	7
562	Application of novel ionic liquids for reverse atom transfer radical polymerization of methacrylonitrile without any additional ligand. Journal of Materials Research, 2009, 24, 1880-1885.	1.2	13
563	Biocatalytic reactions in hydrophobic ionic liquids. Journal of Molecular Catalysis B: Enzymatic, 2009, 60, 1-12.	1.8	132
564	Novel Cyclic Sulfonium-Based Ionic Liquids: Synthesis, Characterization, and Physicochemical Properties. Chemistry - A European Journal, 2009, 15, 765-778.	1.7	75
565	Dual Amino-Functionalised Phosphonium Ionic Liquids for CO <sub>2</sub> Capture. Chemistry - A European Journal, 2009, 15, 3003-3011.	1.7	399
566	Imidazolium-based phosphinite ionic liquid as reusable catalyst and solvent for one-pot synthesis of 3,4-dihydropyrimidin-2(1H)-thiones. Heteroatom Chemistry, 2009, 20, 284-288.	0.4	25
567	Improvement of Hydrophobicity of Ionic Liquids by Partial Chlorination and Fluorination of the Cation. Chinese Journal of Chemistry, 2009, 27, 174-178.	2.6	7
568	Synthesis, Characterization and Properties of Amide Anions Based Ionic Liquids Containing Nitrile Group. Chinese Journal of Chemistry, 2009, 27, 1492-1500.	2.6	1
569	Electrochemical Characterization and Application of Carbon Ionic Liquid Electrodes Containing 12-Phosphomolybdic Acid. Electroanalysis, 2009, 21, 1057-1065.	1.5	26
570	Prussian Blue Modified Carbon Ionic Liquid Electrode: Electrochemical Characterization and Its Application for Hydrogen Peroxide and Glucose Measurements. Electroanalysis, 2009, 21, 1862-1868.	1.5	28
571	Co-electroosmotic capillary electrophoresis of basic proteins with 1-butyl-3-methylimidazolium tetrafluoroborate ionic liquids as non-covalent coating agents of the fused-silica capillary and additives of the electrolyte solution. Electrophoresis, 2009, 30, 1869-1876.	1.3	24
572	Extraction and recovery of cerium(IV) along with fluorine(I) from bastnasite leaching liquor by DEHEHP in [C <sub>8</sub> mim] <sub>6</sub> PF <sub>6</sub> . Journal of Chemical Technology and Biotechnology, 2009, 84, 949-956.	1.6	38
573	Ionic liquid catalyzed expeditious synthesis of 2-arylethyl-3-dihydroquinolin-4(1H)-ones and 2-arylethyl-3-dihydro-4-chromen-4-ones under microwave irradiation. Journal of Heterocyclic Chemistry, 2009, 46, 791-795.	1.4	21
574	Investigations on some electrochemical aspects of lithium-ion ionic liquid/gel polymer battery systems. Journal of Solid State Electrochemistry, 2009, 13, 1003-1014.	1.2	57
575	Solvatochromic parameters for binary mixtures of an ionic liquid with various protic molecular solvents. Monatshefte für Chemie, 2009, 140, 329-334.	0.9	28
576	Preparation of novel cross-linked fluoroalkyl end-capped co-oligomeric nanoparticles "encapsulated cytochrome c in water and ionic liquids. Colloid and Polymer Science, 2009, 287, 1359-1363.	1.0	8

#	ARTICLE	IF	CITATIONS
577	Driving forces of protein partitioning in an ionic liquid-based aqueous two-phase system. <i>Biochemical Engineering Journal</i> , 2009, 46, 176-185.	1.8	166
578	Reverse ATRP of ethyl acrylate with ionic liquids as reaction medium. <i>Chemical Engineering Journal</i> , 2009, 147, 297-301.	6.6	42
579	Sol-gel synthesis of vanadium pentoxide nanoparticles in air- and water-stable ionic liquids. <i>Journal of Materials Science</i> , 2009, 44, 1363-1373.	1.7	39
580	Investigation of the Role of Ionic Liquids in Tuning the pK <sub>a</sub> Values of Some Anionic Indicators. <i>Journal of Solution Chemistry</i> , 2009, 38, 753-761.	0.6	6
581	Investigation on the extraction of strontium ions from aqueous phase using crown ether-ionic liquid systems. <i>Science in China Series B: Chemistry</i> , 2009, 52, 1858-1864.	0.8	25
582	Ionic liquids in sample preparation. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 393, 871-883.	1.9	163
583	Effect of room temperature ionic liquids adsorption on electromechanical behavior of cellulose electro-active paper. <i>Macromolecular Research</i> , 2009, 17, 116-120.	1.0	23
584	Cationic polymerization of styrene involving ionization of the C-Cl bond in ionic liquid/SO <sub>2</sub> mixture. <i>Journal of Polymer Science Part A</i> , 2009, 47, 5251-5257.	2.5	21
585	Methods of evaluating pore morphology in hybrid organic-inorganic porous materials. <i>Microporous and Mesoporous Materials</i> , 2009, 120, 53-61.	2.2	22
586	Retention characteristics of organic compounds on molten salt and ionic liquid-based gas chromatography stationary phases. <i>Journal of Chromatography A</i> , 2009, 1216, 1658-1712.	1.8	134
587	Liquid-liquid equilibria for {hexane+benzene+1-ethyl-3-methylimidazolium ethylsulfate} at (298.2, 313.2) K. <i>Journal of Chemical Thermodynamics</i> , 2009, 41, 1492-1500.	1.4	92
588	The effect of ionic liquids on the outcome of nitrile oxide cycloadditions. <i>Tetrahedron Letters</i> , 2009, 50, 992-994.	0.7	48
589	Convenient synthesis of various ionic liquids from onium hydroxides and ammonium salts. <i>Tetrahedron Letters</i> , 2009, 50, 4286-4288.	0.7	34
590	Geometrical and electronic structures of the dication and ion pair in the geminal dicationic ionic liquid 1,3-bis[3-methylimidazolium-yl]propane bromide. <i>Computational and Theoretical Chemistry</i> , 2009, 900, 37-43.	1.5	52
591	High pressure phase behavior of carbon dioxide in 1-alkyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide ionic liquids. <i>Journal of Supercritical Fluids</i> , 2009, 48, 99-107.	1.6	139
592	Trace mercury determination in drinking and natural water samples by room temperature ionic liquid based-preconcentration and flow injection-cold vapor atomic absorption spectrometry. <i>Journal of Hazardous Materials</i> , 2009, 167, 475-481.	6.5	91
593	Luminescence properties of hierarchical CaMoO <sub>4</sub> microspheres derived by ionic liquid-assisted process. <i>Journal of Luminescence</i> , 2009, 129, 474-477.	1.5	36
594	Phase behavior and microstructure of the system consisting of 1-butyl-3-methylimidazolium hexafluorophosphate, water, triblock copolymer F127 and short-chain alcohols. <i>Journal of Molecular Liquids</i> , 2009, 146, 89-94.	2.3	8

#	ARTICLE	IF	CITATIONS
595	5-Benzyl-4-[3-(1H-imidazol-1-yl)propyl]-2H-1,2,4-triazol-3(4H)-ones: Synthesis, spectroscopic characterization, crystal structure and a comparison of theoretical and experimental IR results by DFT calculations. <i>Journal of Molecular Structure</i> , 2009, 936, 46-55.	1.8	20
596	Measurements of the density and refractive index for 1-n-butyl-3-methylimidazolium-based ionic liquids. <i>Journal of Chemical Thermodynamics</i> , 2009, 41, 301-307.	1.0	148
597	Excess enthalpy, density, and heat capacity for binary systems of alkylimidazolium-based ionic liquids+water. <i>Journal of Chemical Thermodynamics</i> , 2009, 41, 161-166.	1.0	180
598	Liquid densities, heat capacities, refractive index and excess quantities for {protic ionic liquids+water} binary system. <i>Journal of Chemical Thermodynamics</i> , 2009, 41, 799-808.	1.0	88
599	Ambient temperature imidazolium-based ionic liquids with tetrachloronickelate(II) anions. <i>Polyhedron</i> , 2009, 28, 2355-2358.	1.0	20
600	Epoxidation in ionic liquids: A comparison of rhenium(VII) and molybdenum(VI) catalysts. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 3320-3324.	0.8	37
601	Microwave-assisted synthesis of flower-like and leaf-like CuO nanostructures via room-temperature ionic liquids. <i>Journal of Physics and Chemistry of Solids</i> , 2009, 70, 1461-1464.	1.9	68
602	The phosphorescent triplet states of aza-aromatics and their protonated cations in rigid solutions of ethanol and 1-butyl-3-methylimidazolium hexafluorophosphate. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2009, 203, 18-23.	2.0	4
603	Phase equilibria for separation of high boiling point organics from ionic liquids by supercritical CO <sub>2</sub> or C <sub>3</sub> H <sub>8</sub> . <i>Chemical Engineering Journal</i> , 2009, 147, 63-70.	6.6	16
604	Microwave-assisted synthesis of CdF <sub>2</sub> nanoflakes in ionic liquid. <i>Ceramics International</i> , 2009, 35, 917-919.	2.3	14
605	Dual function inhibitors for methane hydrate. <i>Chemical Engineering Science</i> , 2009, 64, 1522-1527.	1.9	193
606	Partitioning behaviour of organic compounds between ionic liquids and supercritical fluids. <i>Journal of Chromatography A</i> , 2009, 1216, 1861-1880.	1.8	56
607	Determination of four heterocyclic insecticides by ionic liquid dispersive liquid-liquid microextraction in water samples. <i>Journal of Chromatography A</i> , 2009, 1216, 885-891.	1.8	291
608	Ionic liquid-mediated sol-gel coatings for capillary microextraction. <i>Journal of Chromatography A</i> , 2009, 1216, 5449-5458.	1.8	65
609	Ionic liquid-mediated bis[(3-methyldimethoxysilyl)propyl] polypropylene oxide-based polar sol-gel coatings for capillary microextraction. <i>Journal of Chromatography A</i> , 2009, 1216, 6349-6355.	1.8	40
610	Characterization of lyotropic liquid crystalline phases formed in imidazolium based ionic liquids. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2009, 336, 18-22.	2.3	14
611	Extracting capacity of ionic liquids adsorbed at the surface of alumina nanoparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2009, 338, 47-50.	2.3	2
612	Preparation and electrochemical properties of functionalized ionic liquid self-assembled modified graphite electrode. <i>Electrochimica Acta</i> , 2009, 54, 5909-5913.	2.6	7

#	ARTICLE	IF	CITATIONS
613	Electrochemical behavior of ruthenium (III), rhodium (III) and palladium (II) in 1-butyl-3-methylimidazolium chloride ionic liquid. <i>Electrochimica Acta</i> , 2009, 54, 6747-6755.	2.6	52
614	Room temperature ionic liquid-based microextraction for vanadium species separation and determination in water samples by electrothermal atomic absorption spectrometry. <i>Analytica Chimica Acta</i> , 2009, 640, 40-46.	2.6	97
615	Imidazolium ionic liquids as electrolytes for manganese dioxide free Leclanché batteries. <i>Applied Energy</i> , 2009, 86, 1512-1516.	5.1	28
616	Ionic Liquids in Analytical Chemistry. <i>Annual Review of Analytical Chemistry</i> , 2009, 2, 145-168.	2.8	125
617	Group Contribution Method for Predicting Melting Points of Imidazolium and Benzimidazolium Ionic Liquids. <i>Industrial &amp; Engineering Chemistry Research</i> , 2009, 48, 2212-2217.	1.8	42
618	A green chemical route for the synthesis of Mn <sub>3</sub> O <sub>4</sub> nanoparticles. <i>Open Chemistry</i> , 2009, 7, 555-559.	1.0	19
619	The crystallization of lysozyme and thaumatin with ionic liquid. <i>Crystallography Reports</i> , 2009, 54, 1285-1288.	0.1	8
620	Cyano-bridged coordination polymer nanoparticles. <i>New Journal of Chemistry</i> , 2009, 33, 1177.	1.4	70
621	Effect of H <sub>2</sub> O on the Desulfurization of Simulated Flue Gas by an Ionic Liquid. <i>Industrial &amp; Engineering Chemistry Research</i> , 2009, 48, 4928-4932.	1.8	51
622	Environmental and food sample handling challenges for developing countries. <i>Toxicological and Environmental Chemistry</i> , 2009, 91, 819-835.	0.6	3
623	Lower Critical Solution Temperature Phase Behavior of Linear Polymers in Imidazolium-Based Ionic Liquids: Effects of Structural Modifications. <i>Langmuir</i> , 2009, 25, 3820-3824.	1.6	72
624	Towards an Understanding of the Mutual Solubilities of Water and Hydrophobic Ionic Liquids in the Presence of Salts: The Anion Effect. <i>Journal of Physical Chemistry B</i> , 2009, 113, 2815-2825.	1.2	80
625	Unusual nanostructured ZnO particles from an ionic liquid precursor. <i>Chemical Communications</i> , 2009, , 1258.	2.2	37
626	Liquid Structure of Trihexyltetradecylphosphonium Chloride at Ambient Temperature: An X-ray Scattering and Simulation Study. <i>Journal of Physical Chemistry B</i> , 2009, 113, 9235-9240.	1.2	91
627	Facile Ionothermal Synthesis of Microporous and Mesoporous Carbons from Task Specific Ionic Liquids. <i>Journal of the American Chemical Society</i> , 2009, 131, 4596-4597.	6.6	404
628	A Strategy for Synthesis of Ionic Metal-Organic Frameworks. <i>Inorganic Chemistry</i> , 2009, 48, 786-788.	1.9	55
629	Alkyl Chain Interaction at the Surface of Room Temperature Ionic Liquids: Systematic Variation of Alkyl Chain Length (R = C <sub>1</sub> , C <sub>4</sub> , C <sub>8</sub> ) in both Cation and Anion of [RMIM][R <sup>+</sup> OSO <sub>3</sub> <sup>-</sup> ] by Sum Frequency Generation and Surface Tension. <i>Journal of Physical Chemistry B</i> , 2009, 113, 923-933.	1.2	123
630	Physical and Electrochemical Properties of Thioether-Functionalized Ionic Liquids. <i>Journal of Physical Chemistry B</i> , 2009, 113, 11222-11231.	1.2	59



#	ARTICLE	IF	CITATIONS
631	Effects of the 1-alkyl-3-methylimidazolium bromide ionic liquids on the antioxidant defense system of <i>Daphnia magna</i> . <i>Ecotoxicology and Environmental Safety</i> , 2009, 72, 1798-1804.	2.9	120
632	Ionic liquid-assisted synthesis of transition metal oxalates via one-step solid-state reaction. <i>Journal of Alloys and Compounds</i> , 2009, 481, L12-L14.	2.8	23
633	Ionic Liquids in Biomass Processing. <i>Topics in Current Chemistry</i> , 2009, 290, 311-339.	4.0	101
634	Molecular Interactions in 1-Ethyl-3-methylimidazolium Acetate Ion Pair: A Density Functional Study. <i>Journal of Physical Chemistry A</i> , 2009, 113, 10397-10404.	1.1	97
635	On the Chemical Stabilities of Ionic Liquids. <i>Molecules</i> , 2009, 14, 3780-3813.	1.7	428
636	Computational Studies of Structures and Dynamics of 1,3-Dimethylimidazolium Salt Liquids and their Interfaces Using Polarizable Potential Models. <i>Journal of Physical Chemistry A</i> , 2009, 113, 2127-2135.	1.1	50
637	Silica Materials Doped with Bifunctional Ionic Liquid Extractant for Yttrium Extraction. <i>Industrial &amp; Engineering Chemistry Research</i> , 2009, 48, 7308-7313.	1.8	71
638	Synthesis of Tributylphosphate Capped Luminescent Rare Earth Phosphate Nanocrystals in an Ionic Liquid Microemulsion. <i>Chemistry of Materials</i> , 2009, 21, 3570-3575.	3.2	33
639	Ionic Liquids: Just Molten Salts After All?. <i>Molecules</i> , 2009, 14, 2521-2534.	1.7	51
640	Ion Specific Effects on the Mutual Solubilities of Water and Hydrophobic Ionic Liquids. <i>Journal of Physical Chemistry B</i> , 2009, 113, 202-211.	1.2	175
641	Density, Viscosity, and Surface Tension of Synthesis Grade Imidazolium, Pyridinium, and Pyrrolidinium Based Room Temperature Ionic Liquids. <i>Journal of Chemical &amp; Engineering Data</i> , 2009, 54, 2803-2812.	1.0	318
642	On the Interactions between Amino Acids and Ionic Liquids in Aqueous Media. <i>Journal of Physical Chemistry B</i> , 2009, 113, 13971-13979.	1.2	68
643	Ionothermal Synthesis of Turbostratic Boron Nitride Nanoflakes at Low Temperature. <i>Journal of Physical Chemistry C</i> , 2009, 113, 9135-9140.	1.5	58
644	Separation of Ethanol-Heptane Azeotropic Mixtures by Solvent Extraction with an Ionic Liquid. <i>Industrial &amp; Engineering Chemistry Research</i> , 2009, 48, 1579-1585.	1.8	73
645	Design Criteria for Ionic Liquid Crystalline Phases of Phosphonium Salts with Three Equivalent Long n-Alkyl Chains. <i>Journal of Organic Chemistry</i> , 2009, 74, 2088-2098.	1.7	37
646	Morphology-controlled ZnO particles from an ionic liquid precursor. <i>CrystEngComm</i> , 2009, 11, 2683.	1.3	21
647	Synthesis, Purification and Characterization of Ionic Liquids. <i>Topics in Current Chemistry</i> , 2009, 290, 1-40.	4.0	75
648	Optical Spectroscopy and Ionic Liquids. <i>Topics in Current Chemistry</i> , 2009, 290, 285-310.	4.0	19



#	ARTICLE	IF	CITATIONS
649	Bis{(trifluoromethyl)sulfonyl}amide ionic liquids as solvents for the extraction of aromatic hydrocarbons from their mixtures with alkanes: effect of the nature of the cation. <i>Green Chemistry</i> , 2009, 11, 365-372.	4.6	104
650	Ionic liquids as new lipophilic additives to the membrane of lead ion-selective electrodes with solid contact. <i>International Journal of Environmental Analytical Chemistry</i> , 2009, 89, 735-748.	1.8	17
651	The Base-Catalyzed Keto $\rightleftharpoons$ Enol Interconversion of 2-Nitrocyclohexanone in Ionic Liquids. <i>Journal of Organic Chemistry</i> , 2009, 74, 6572-6576.	1.7	21
652	Purification of hexane with effective extraction using ionic liquid as solvent. <i>Green Chemistry</i> , 2009, 11, 346.	4.6	49
653	Development of OPLS-AA Force Field Parameters for 68 Unique Ionic Liquids. <i>Journal of Chemical Theory and Computation</i> , 2009, 5, 1038-1050.	2.3	435
654	Isobaric Vapor $\rightleftharpoons$ Liquid Equilibrium for Ethyl Acetate + Ethanol + 1-Ethyl-3-methylimidazolium Tetrafluoroborate. <i>Journal of Chemical &amp; Engineering Data</i> , 2009, 54, 193-197.	1.0	62
655	Interaction of Water Highly Diluted in 1-Alkyl-3-methyl Imidazolium Ionic Liquids with the PF <sub>6</sub> <sup>-</sup> and BF <sub>4</sub> <sup>-</sup> Anions. <i>Journal of Physical Chemistry A</i> , 2009, 113, 2873-2889.	1.1	113
656	Ionothermal synthesis of 3d $\times$ 4f and 4f layered anionic metal $\text{-}$ organic frameworks. <i>CrystEngComm</i> , 2009, 11, 1522.	1.3	57
657	Electrochemical methodology for determination of imidazolium ionic liquids (solids at room) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 422 T	1.4	6
658	Polyoxometalate-based protic alkylimidazolium salts as reaction-induced phase-separation catalysts for olefin epoxidation. <i>Green Chemistry</i> , 2009, 11, 1955.	4.6	92
659	The ionic liquid-associated synthesis of a cellulose/SWCNT complex and its remarkable biocompatibility. <i>Journal of Materials Chemistry</i> , 2009, 19, 3612.	6.7	56
660	The functionalized ionic liquid-stabilized palladium nanoparticles catalyzed selective hydrogenation in ionic liquid. <i>Catalysis Communications</i> , 2009, 10, 1903-1907.	1.6	51
661	Synthesis, properties and catalysis of novel methyl- or ethyl- sulfate-anion-based acidic ionic liquids. <i>Catalysis Communications</i> , 2009, 10, 799-802.	1.6	9
662	Surprisingly high, bulk liquid-like mobility of silica-confined ionic liquids. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 3653.	1.3	114
663	Surface Property of Nonionic Surfactant Triton X-100 in an Ionic Liquid. <i>Journal of Dispersion Science and Technology</i> , 2009, 30, 1395-1398.	1.3	14
664	Enzyme encapsulation in microparticles composed of polymerized ionic liquids for highly active and reusable biocatalysts. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 2353.	1.5	56
665	Solvent reorganisation as the driving force for rate changes of Menshutkin reactions in an ionic liquid. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 3572.	1.5	76
666	Selective Separation of Tocopherol Homologues by Liquid $\rightleftharpoons$ Liquid Extraction Using Ionic Liquids. <i>Industrial &amp; Engineering Chemistry Research</i> , 2009, 48, 6417-6422.	1.8	74

#	ARTICLE	IF	CITATIONS
667	The Effect of Ionic Liquids on Protein Crystallization and X-ray Diffraction Resolution. <i>Crystal Growth and Design</i> , 2009, 9, 3463-3469.	1.4	82
668	Solvation in Gas-Phase Reactions of Sulfonic Groups Containing Ionic Liquids in Electrospray Ionization Quadrupole Ion Trap Mass Spectrometry. <i>European Journal of Mass Spectrometry</i> , 2009, 15, 409-413.	0.5	12
669	Organic-solvent/Water/Ionic-liquid Triphasic System for the Fractional Extraction of Divalent Metal Cations. <i>Analytical Sciences</i> , 2009, 25, 1269-1270.	0.8	20
670	Task Specific Ionic Liquids for Cellulose Technology. <i>Chemistry Letters</i> , 2009, 38, 2-7.	0.7	298
671	Hydrophobic Ionic Liquids Composed of Perfluoroalkyltrifluoroborates for Ionic Liquid-Water Two-Phase Systems. <i>Bulletin of the Chemical Society of Japan</i> , 2009, 82, 86-92.	2.0	11
672	The Fields of Crystal Engineering and Ionic Liquids Are Actually Quite Similar. <i>Australian Journal of Chemistry</i> , 2010, 63, 533.	0.5	2
673	Synergistic Effect of 18-Crown-6 Derivatives on Chelate Extraction of Lanthanoids(III) into an Ionic Liquid with 2-Thenoyltrifluoroacetone. <i>Analytical Sciences</i> , 2010, 26, 607-611.	0.8	56
674	Ionic liquid-assisted sacrificial templating route to hollow CdMoO <sub>4</sub> microtubes. <i>Journal of the Ceramic Society of Japan</i> , 2010, 118, 253-255.	0.5	7
675	Trialkyl(pentafluorocyclotriphosphazanyl)ammonium Bis(trifluoromethylsulfonyl)imide Acting as Nonflammable Room-temperature Ionic Liquids. <i>Chemistry Letters</i> , 2010, 39, 1006-1007.	0.7	1
676	A Novel and Green Method for the Synthesis of Ionic Liquids Using the Corresponding Acidic Ionic Liquid Precursors and Dialkyl Carbonate. <i>Chemistry Letters</i> , 2010, 39, 1112-1113.	0.7	6
677	Ionic Liquid Immobilized Nickel(0) Nanoparticles as Stable and Highly Efficient Catalysts for Selective Hydrogenation in the Aqueous Phase. <i>Chemistry - an Asian Journal</i> , 2010, 5, 1178-1184.	1.7	36
678	Ionic Liquids for Aromatics Extraction. Present Status and Future Outlook. <i>Industrial &amp; Engineering Chemistry Research</i> , 2010, 49, 7530-7540.	1.8	256
679	A new ozone denuder for aerosol sampling based on an ionic liquid coating. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 396, 857-864.	1.9	11
680	Selected chemical-physical properties and structural heterogeneities in 1-ethyl-3-methylimidazolium alkyl-sulfate room temperature ionic liquids. <i>Chemical Physics Letters</i> , 2010, 493, 259-262.	1.2	79
681	Synthesis, characterization, and crystal structure of several novel acidic ionic liquids based on the corresponding 1-alkylbenzimidazole with tetrafluoroboric acid. <i>Comptes Rendus Chimie</i> , 2010, 13, 1391-1396.	0.2	12
682	Formation of a robust and stable film comprising ionic liquid and polyoxometalate on glassy carbon electrode modified with multiwalled carbon nanotubes: Toward sensitive and fast detection of hydrogen peroxide and iodate. <i>Electrochimica Acta</i> , 2010, 55, 4750-4757.	2.6	82
683	Ionic liquids on desulfurization of fuel oils. <i>Fluid Phase Equilibria</i> , 2010, 294, 39-48.	1.4	167
684	Liquid mixtures of ionic liquids and polymers as solvent systems. <i>Fluid Phase Equilibria</i> , 2010, 294, 7-14.	1.4	59

#	ARTICLE	IF	CITATIONS
685	Modeling of high-pressure vapor-liquid equilibrium in ionic liquids + gas systems using the PRSV equation of state. <i>Fluid Phase Equilibria</i> , 2010, 295, 9-16.	1.4	34
686	Experimental methodology for precise determination of density of RTILs as a function of temperature and pressure using vibrating tube densimeters. <i>Journal of Chemical Thermodynamics</i> , 2010, 42, 553-563.	1.0	117
687	Activity coefficients at infinite dilution of organic solutes in N-alkylpyridinium bis(trifluoromethylsulfonyl)imide ([C <sub>n</sub> PY][NTf <sub>2</sub> ], n=2,4,5) using gas-liquid chromatography. <i>Journal of Chemical Thermodynamics</i> , 2010, 42, 1415-1422.	1.0	27
688	Ionic liquids: Applications and future trends in bioreactor technology. <i>Bioresource Technology</i> , 2010, 101, 8923-8930.	4.8	181
689	The poly(urethane-ionic liquid)/multi-walled carbon nanotubes composites. <i>Composites Science and Technology</i> , 2010, 70, 1697-1703.	3.8	36
690	Physicochemical, spectroscopic and electrochemical characterization of magnesium ion-conducting, room temperature, ternary molten electrolytes. <i>Journal of Power Sources</i> , 2010, 195, 4356-4364.	4.0	20
691	Template-free synthesis of CdS hollow nanospheres based on an ionic liquid assisted hydrothermal process and their application in photocatalysis. <i>Journal of Solid State Chemistry</i> , 2010, 183, 1423-1432.	1.4	43
692	Phase equilibrium and macrolide antibiotics partitioning in real water samples using a two-phase system composed of the ionic liquid 1-butyl-3-methylimidazolium tetrafluoroborate and an aqueous solution of an inorganic salt. <i>Mikrochimica Acta</i> , 2010, 169, 15-22.	2.5	44
693	Zwitterionic and mesoionic liquids: Molecular aggregation in 3-methylsydnone. <i>Science China Chemistry</i> , 2010, 53, 2063-2069.	4.2	6
694	Atom transfer radical polymerization of methyl methacrylate in [Hmim][HCOO]/THF mixtures. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2010, 25, 785-788.	0.4	3
695	The synthesis of some new imidazole and triazole derivatives: crystal Structure and DFT-TDDFT investigation on electronic structure. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2010, 67, 325-334.	1.6	15
696	Enantioselective transesterification of (±)-6-benzyloxy-2,5,7,8-tetramethyl-3,4-dihydro-2H-1-benzopyran-2-ylmethanol catalyzed by the Amano PS lipase in the ionic liquid [bmim]PF <sub>6</sub> . <i>Russian Chemical Bulletin</i> , 2010, 59, 2129-2132.	0.4	4
697	Separation of ionic liquids from dilute aqueous solutions using the method based on CO <sub>2</sub> hydrates. <i>Journal of Natural Gas Chemistry</i> , 2010, 19, 81-85.	1.8	53
698	Synthesis by an ionic liquid-assisted method and optical properties of nanoflower Y <sub>2</sub> O <sub>3</sub> . <i>Materials Research Bulletin</i> , 2010, 45, 939-945.	2.7	41
699	Determination of Triazines by Ultrasonic-Assisted Ionic Liquid Microextraction Coupled with High Performance Liquid Chromatography. <i>Chinese Journal of Chemistry</i> , 2010, 28, 785-790.	2.6	6
700	Olefin Epoxidation with a New Class of Ansa-Molybdenum Catalysts in Ionic Liquids. <i>ChemSusChem</i> , 2010, 3, 559-562.	3.6	54
701	Acid-Catalyzed Dehydration of Fructose and Inulin with Glycerol or Glycerol Carbonate as Renewably Sourced Co-Solvent. <i>ChemSusChem</i> , 2010, 3, 1304-1309.	3.6	66
702	Structural and Electrochemical Properties of YbIII in Various Ionic Liquids. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 4933-4937.	1.0	25

#	ARTICLE	IF	CITATIONS
703	2- <i>tert</i> -butylpyrrolidinecarboxylic Acid Ionic Liquid as a Highly Efficient Organocatalyst for the Asymmetric One-pot Mannich Reaction. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 515-522.	1.2	62
704	Selective extraction of organic compounds from transesterification reaction mixtures by using ionic liquids. <i>AIChE Journal</i> , 2010, 56, 1213-1217.	1.8	7
705	Theoretical study on the asymmetric Michael addition of cyclohexanone with <i>cis</i> -2-nitrostyrene catalyzed by a pyrrolidine-type chiral ionic liquid. <i>Chirality</i> , 2010, 22, 813-819.	1.3	11
706	From Salts to Ionic Liquids by Systematic Structural Modifications: A Rational Approach Towards the Efficient Modular Synthesis of Enantiopure Imidazolium Salts. <i>Chemistry - A European Journal</i> , 2010, 16, 836-847.	1.7	49
707	A comparison of the effects of prenatal exposure of CD-1 mice to three imidazolium-based ionic liquids. <i>Birth Defects Research Part B: Developmental and Reproductive Toxicology</i> , 2010, 89, 233-238.	1.4	9
708	Ionic liquid as extraction agent for detection of volatile phenols in wastewater and its regeneration. <i>Journal of Separation Science</i> , 2010, 33, 1356-1359.	1.3	18
709	Organostibine-Mediated Controlled/Living Radical Polymerization of Methyl Methacrylate and Styrene in Ionic Liquids. <i>Macromolecular Chemistry and Physics</i> , 2010, 211, 1222-1228.	1.1	8
710	Butanol recovery from aqueous solution into ionic liquids by liquid-liquid extraction. <i>Process Biochemistry</i> , 2010, 45, 1899-1903.	1.8	137
711	Aggregation behavior of a chiral long-chain ionic liquid in aqueous solution. <i>Journal of Colloid and Interface Science</i> , 2010, 343, 94-101.	5.0	72
712	(Vapor+liquid) equilibria of binary mixtures containing light alcohols and ionic liquids. <i>Journal of Chemical Thermodynamics</i> , 2010, 42, 177-181.	1.0	26
713	(Liquid+liquid) equilibria in the binary systems (aliphatic, or aromatic) Tj ETQqO O O rgBT /Overlock 10 Tf 50 347 Td (hydrocarbons+1-ethyl-3-methylimidazolium hexafluorophosphate). <i>Journal of Chemical Thermodynamics</i> , 2010, 42, 182-191.	1.0	37
714	Improved electrolytes for Li-ion batteries: Mixtures of ionic liquid and organic electrolyte with enhanced safety and electrochemical performance. <i>Journal of Power Sources</i> , 2010, 195, 845-852.	4.0	324
715	Novel synthesis of PtRu/multi-walled carbon nanotube catalyst via a microwave-assisted imidazolium ionic liquid method for methanol oxidation. <i>Journal of Power Sources</i> , 2010, 195, 7234-7237.	4.0	18
716	Density and refractive index measurements of 1-ethyl-3-methylimidazolium-based ionic liquids. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2010, 41, 115-121.	2.7	68
717	Interaction of water diluted in 1-butyl-3-methyl imidazolium ionic liquids by vibrational spectroscopy modeling. <i>Journal of Molecular Liquids</i> , 2010, 153, 57-66.	2.3	51
718	Evaluation of synergism in dispersive liquid-liquid microextraction for simultaneous preconcentration of some lanthanoids. <i>Journal of Molecular Liquids</i> , 2010, 151, 122-124.	2.3	25
719	Hydrophobic and low-density amino acid ionic liquids. <i>Journal of Molecular Liquids</i> , 2010, 153, 133-138.	2.3	86
720	AGET ATRP of acrylonitrile with ionic liquids as reaction medium without any additional ligand. <i>Materials Science and Engineering C</i> , 2010, 30, 605-609.	3.8	28

#	ARTICLE	IF	CITATIONS
721	Gas-liquid chromatography measurements of activity coefficients at infinite dilution of hydrocarbons and alkanols in 1-alkyl-3-methylimidazolium bis(oxalato)borate. <i>Fluid Phase Equilibria</i> , 2010, 298, 287-292.	1.4	12
722	Synthesis and thermophysical properties of two new protic long-chain ionic liquids with the oleate anion. <i>Fluid Phase Equilibria</i> , 2010, 299, 42-50.	1.4	78
723	Effect of ionic liquid dispersion on performance of a conducting polymer based Schottky diode. <i>Thin Solid Films</i> , 2010, 518, 5626-5628.	0.8	9
724	Fabrication of ionic liquid thin film by nano-inkjet printing method using atomic force microscope cantilever tip. <i>Ultramicroscopy</i> , 2010, 110, 733-736.	0.8	10
725	An 8-sulfonamidoquinoline derivative with imidazolium unit as an extraction reagent for use in ionic liquid chelate extraction systems. <i>Analytica Chimica Acta</i> , 2010, 680, 21-25.	2.6	15
726	Ionic liquid-assisted hydrothermal synthesis of three-dimensional hierarchical CuO peachstone-like architectures. <i>Applied Surface Science</i> , 2010, 256, 1871-1877.	3.1	42
727	Hydrodynamic behavior analysis of a rotating disc contactor for aromatics extraction with 4-methyl-butyl-pyridinium-BF <sub>4</sub> by CFD. <i>Chemical Engineering Journal</i> , 2010, 160, 511-521.	6.6	29
728	Brønsted ionic liquids: Study of physico-chemical properties and catalytic activity in aldol condensations. <i>Chemical Engineering Journal</i> , 2010, 162, 802-808.	6.6	78
729	Microwave-assistant synthesis of inorganic particles from ionic liquid precursors. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2010, 360, 6-12.	2.3	15
730	Behaviors of ionic liquids in the phase transfer of aqueous metal nanoparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2010, 367, 24-30.	2.3	15
731	Thermodynamic properties of new heat pump working pairs: 1,3-Dimethylimidazolium dimethylphosphate and water, ethanol and methanol. <i>Fluid Phase Equilibria</i> , 2010, 298, 83-91.	1.4	114
732	Liquid-liquid equilibrium and interfacial tension of the ternary system heptane+thiophene+1-ethyl-3-methylimidazolium bis(trifluoromethanesulfonyl)imide. <i>Fluid Phase Equilibria</i> , 2010, 298, 240-245.	1.4	56
733	Liquefaction behavior of Western red cedar and Japanese beech in the ionic liquid 1-ethyl-3-methylimidazolium chloride. <i>Holzforschung</i> , 2010, 64, .	0.9	23
734	Chiral Ionic Liquids in Chromatographic Separation and Spectroscopic Discrimination. , 2010, , 289-329.		7
735	Mild Oxidative Conversion of Nitroalkanes into Carbonyl Compounds in Ionic Liquids. <i>Synthetic Communications</i> , 2010, 40, 2483-2487.	1.1	16
736	Iodobenzene-Catalyzed Synthesis of Imidazo[1,2-a]pyridines from Aryl Ketones with mCPBA in Ionic Liquid. <i>Journal of the Chinese Chemical Society</i> , 2010, 57, 153-156.	0.8	5
738	Effects of anionic structure and lithium salts addition on the dissolution of cellulose in 1-butyl-3-methylimidazolium-based ionic liquid solvent systems. <i>Green Chemistry</i> , 2010, 12, 268-275.	4.6	373
739	Resorcinol-Based Deep Eutectic Solvents as Both Carbonaceous Precursors and Templating Agents in the Synthesis of Hierarchical Porous Carbon Monoliths. <i>Chemistry of Materials</i> , 2010, 22, 6146-6152.	3.2	143

#	ARTICLE	IF	CITATIONS
740	An electro-active paper actuator made with celluloseâ€“polypyrroleâ€“ionic liquid nanocomposite: influence of ionic liquid concentration, type of anion and humidity. <i>Smart Materials and Structures</i> , 2010, 19, 105014.	1.8	19
741	Temperature-Dependent Solvatochromic Probe Behavior within Ionic Liquids and (Ionic Liquid +) Tj ETQq1 1 0.784314 rgBT /Oyerlock 10	1.2	66
742	Liquid Crystalline Phases of the Amphiphilic Ionic Liquid <i>n</i> -Hexadecyl- <i>N</i> -methylpyrrolidinium Bromide Formed in the Ionic Liquid Ethylammonium Nitrate and in Water. <i>Journal of Physical Chemistry B</i> , 2010, 114, 11382-11389.	1.2	46
743	Liquidâ“Liquid Extraction of Low-Concentration Aniline from Aqueous Solutions with Salts. <i>Industrial &amp; Engineering Chemistry Research</i> , 2010, 49, 2581-2588.	1.8	21
744	Binding Characteristics and Molecular Mechanism of Interaction between Ionic Liquid and DNA. <i>Journal of Physical Chemistry B</i> , 2010, 114, 2033-2043.	1.2	126
745	Structure and Dynamics of <i>n</i> , <i>n</i> -Diethyl- <i>N</i> -methylammonium Triflate Ionic Liquid, Neat and with Water, from Molecular Dynamics Simulations. <i>Journal of Physical Chemistry A</i> , 2010, 114, 12764-12774.	1.1	58
747	Film-Forming Properties of Propylene Carbonate in the Presence of a Quaternary Ammonium Ionic Liquid on Natural Graphite Anode. <i>Journal of Physical Chemistry C</i> , 2010, 114, 6182-6189.	1.5	31
748	Effect of Ionic Liquids C <sub>n</sub> mimBr on Properties of Gemini Surfactant 12-3-12 Aqueous Solution. <i>Industrial &amp; Engineering Chemistry Research</i> , 2010, 49, 8852-8857.	1.8	46
750	Ternary Liquidâ“Liquid Equilibria Measurement for Hexane and Benzene with the Ionic Liquid 1-Butyl-3-methylimidazolium Methylsulfate at <i>T</i> = (298.2, 313.2, and 328.2) K. <i>Journal of Chemical &amp; Engineering Data</i> , 2010, 55, 258-261.	1.0	66
751	In Situ Formation of Three-Dimensional Uniform Pt/Carbon Nanotube Nanocomposites from Ionic Liquid/Carbon Nanotube Gel Matrix with Enhanced Electrocatalytic Activity toward Methanol Oxidation. <i>Journal of Physical Chemistry C</i> , 2010, 114, 3575-3579.	1.5	29
752	Phase Behavior, Densities, and Isothermal Compressibility of Carbon Dioxide + 1-Bromobutane, Carbon Dioxide + 1-Chlorobutane, and Carbon Dioxide + 1-Methylimidazole. <i>Journal of Chemical &amp; Engineering Data</i> , 2010, 55, 385-399.	1.0	2
753	Temperature Dependence of Viscosity and Specific Conductivity of Fluoroborate-Based Ionic Liquids in Light of the Fractional Walden Rule and Angellâ€™s Fragility Concept. <i>Journal of Chemical &amp; Engineering Data</i> , 2010, 55, 4372-4377.	1.0	85
754	What Determines the Miscibility of Ionic Liquids with Water? Identification of the Underlying Factors to Enable a Straightforward Prediction. <i>Journal of Physical Chemistry B</i> , 2010, 114, 2856-2868.	1.2	97
755	Role of Solubilized Water in Micelles Formed by Triton X-100 in 1-Butyl-3-methylimidazolium Ionic Liquids. <i>Langmuir</i> , 2010, 26, 9315-9320.	1.6	30
756	Purification of Ionic Liquids: Sweeping Solvents by Nitrogen. <i>Journal of Chemical &amp; Engineering Data</i> , 2010, 55, 5074-5077.	1.0	57
757	Enrichment of Aromatic Compounds Using Ionic Liquid and Ionic Liquid-Based Aqueous Biphasic Systems. <i>Separation Science and Technology</i> , 2010, 45, 663-669.	1.3	20
758	Basicity of Pyridine and Some Substituted Pyridines in Ionic Liquids. <i>Journal of Organic Chemistry</i> , 2010, 75, 3912-3915.	1.7	21
759	Local Structure in Ionic Liquids Investigated by Hyper-Rayleigh Scattering. <i>Journal of Physical Chemistry B</i> , 2010, 114, 15057-15065.	1.2	41



#	ARTICLE	IF	CITATIONS
760	Liquid-Liquid Equilibria of the Ternary Systems of Alkane + Aromatic + 1-Ethylpyridinium Ethylsulfate Ionic Liquid at $T = (283.15 \text{ and } 298.15) \text{ K}$ . <i>Journal of Chemical &amp; Engineering Data</i> , 2010, 55, 5169-5175.	1.0	24
761	Viscosities of the Mixtures of 1-Ethyl-3-Methylimidazolium Chloride with Water, Acetonitrile and Glucose: A Molecular Dynamics Simulation and Experimental Study. <i>Journal of Physical Chemistry B</i> , 2010, 114, 5790-5794.	1.2	52
762	Further Investigation of the Intermolecular Interactions and Component Distributions in a [Bmim][BF <sub>4</sub> ]-based Polystyrene Composite Membranes using Two-Dimensional Correlation Infrared Spectroscopy. <i>Langmuir</i> , 2010, 26, 11427-11434.	1.6	38
763	Thermodynamic, Structural and Transport Properties of Tetramethyl Ammonium Fluoride: First Principles Molecular Dynamics Simulations of an Unusual Ionic Liquid. <i>Journal of Physical Chemistry B</i> , 2010, 114, 12577-12584.	1.2	37
764	Effect of Isomers on Partition Coefficients for Phenolic Compounds in the 1-Butyl-3-methylimidazolium Hexafluorophosphate + Water Two-Phase System. <i>Journal of Chemical &amp; Engineering Data</i> , 2010, 55, 3151-3154.	1.0	11
765	Brønsted Ionic Liquids for Sustainable Processes: Synthesis and Physical Properties. <i>Journal of Chemical &amp; Engineering Data</i> , 2010, 55, 625-632.	1.0	133
766	Density and Excess Molar Volume for Binary Mixtures of Naphthenic Acid Ionic Liquids and Ethanol. <i>Journal of Chemical &amp; Engineering Data</i> , 2010, 55, 1105-1108.	1.0	31
767	Mechanistic Aspects of Radiation-Induced Oligomerization of 3,4-Ethylenedioxythiophene in Ionic Liquids. <i>Journal of Physical Chemistry A</i> , 2010, 114, 11552-11559.	1.1	7
768	Extraction of Sodium Chloride from Water and Solubility of Water in Hydrophobic Trialkylammonium Alkanoate-Based Ionic Liquids. <i>Journal of Chemical &amp; Engineering Data</i> , 2010, 55, 3391-3394.	1.0	14
769	Ionic Liquids in Chemical Engineering. <i>Annual Review of Chemical and Biomolecular Engineering</i> , 2010, 1, 203-230.	3.3	295
770	POSS Ionic Liquid. <i>Journal of the American Chemical Society</i> , 2010, 132, 17649-17651.	6.6	155
771	Fast synthesis of nanostructured ZnO particles from an ionic liquid precursor tetrabutylammonium hydroxide. <i>Current Opinion in Solid State and Materials Science</i> , 2010, 14, 75-82.	5.6	23
772	Acute toxicity and effects of 1-alkyl-3-methylimidazolium bromide ionic liquids on green algae. <i>Ecotoxicology and Environmental Safety</i> , 2010, 73, 1465-1469.	2.9	100
773	Application of ionic liquids based microwave-assisted extraction of three alkaloids N-nornuciferine, O-nornuciferine, and nuciferine from lotus leaf. <i>Talanta</i> , 2010, 80, 1292-1297.	2.9	178
774	A novel method of protein extraction from yeast using ionic liquid solution. <i>Talanta</i> , 2010, 81, 1861-1864.	2.9	37
775	Facile EG/ionic liquid interfacial synthesis of uniform RE <sub>3+</sub> doped NaYF <sub>4</sub> nanocubes. <i>Chemical Communications</i> , 2010, 46, 592-594.	2.2	63
776	Extraction of Alkaline Earth Metal Ions with TODGA in the Presence of Ionic Liquids. <i>Solvent Extraction and Ion Exchange</i> , 2010, 28, 367-387.	0.8	51
777	Extraction of Tetra-Oxo Anions into a Hydrophobic, Ionic Liquid-Based Solvent without Concomitant Ion Exchange. <i>Industrial &amp; Engineering Chemistry Research</i> , 2010, 49, 5863-5868.	1.8	38



#	ARTICLE	IF	CITATIONS
778	Density, Speed of Sound, and Refractive Index of 1-Ethyl-3-methylimidazolium Trifluoromethanesulfonate with Acetone, Methyl Acetate, and Ethyl Acetate at Temperatures from (278.15 to 328.15) K. <i>Journal of Chemical &amp; Engineering Data</i> , 2010, 55, 1377-1388.	1.0	71
779	Pressure and Temperature Dependence of Isobaric Heat Capacity for [Emim][BF <sub>4</sub> ], [Bmim][BF <sub>4</sub> ], [Hmim][BF <sub>4</sub> ], and [Omim][BF <sub>4</sub> ]. <i>Journal of Chemical &amp; Engineering Data</i> , 2010, 55, 600-604.	1.0	63
780	Formation of Cellulose Acetate Membranes via Phase Inversion Using Ionic Liquid, [BMIM]SCN, As the Solvent. <i>Industrial &amp; Engineering Chemistry Research</i> , 2010, 49, 8761-8769.	1.8	96
781	Ionothermal synthesis of bismuth sulfide nanostructures and their electrochemical hydrogen storage behavior. <i>New Journal of Chemistry</i> , 2010, 34, 1930.	1.4	35
782	Wirelessly driven electro-active paper actuator made with cellulose- <i>polypyrrole</i> -ionic liquid and dipole rectenna. <i>Smart Materials and Structures</i> , 2010, 19, 105026.	1.8	10
783	Shape-Controlled Synthesis of Metal Carbonate Nanostructure via Ionic Liquid-Assisted Hydrothermal Route: The Case of Manganese Carbonate. <i>Crystal Growth and Design</i> , 2010, 10, 4449-4455.	1.4	77
784	Synthesis of Iron Oxide Nanoparticles with Control over Shape Using Imidazolium-Based Ionic Liquids. <i>ACS Applied Materials &amp; Interfaces</i> , 2010, 2, 756-759.	4.0	62
785	Microscopic Study of Ionic Liquid-H <sub>2</sub> O Systems: Alkyl-Group Dependence of 1-Alkyl-3-Methylimidazolium Cation. <i>Journal of Physical Chemistry B</i> , 2010, 114, 6323-6331.	1.2	78
786	Catalytic production of hydrogen from glucose and other carbohydrates under exceptionally mild reaction conditions. <i>Green Chemistry</i> , 2010, 12, 1150.	4.6	58
787	Water Solubility in Ionic Liquids and Application to Absorption Cycles. <i>Industrial &amp; Engineering Chemistry Research</i> , 2010, 49, 9496-9503.	1.8	145
788	Physicochemical Property Estimation of an Ionic Liquid Based on Glutamic Acid-BMIGlu. <i>Journal of Chemical &amp; Engineering Data</i> , 2010, 55, 2616-2619.	1.0	29
789	Dihalide and Pseudohalide Radical Anions as Oxidizing Agents in Nonaqueous Solvents. <i>Journal of Physical Chemistry A</i> , 2010, 114, 861-866.	1.1	21
790	Ionic liquids through the looking glass: theory mirrors experiment and provides further insight into aromatic substitution processes. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 1873-1878.	1.3	53
791	Ionic liquid-based compound droplet microfluidics for <i>on-drop</i> ™ separations and sensing. <i>Lab on a Chip</i> , 2010, 10, 2458.	3.1	38
792	The effects of ionic liquids on azide-alkyne cycloaddition reactions. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 5354.	1.5	36
793	Ionic liquid-assisted transdermal delivery of sparingly soluble drugs. <i>Chemical Communications</i> , 2010, 46, 1452.	2.2	215
794	Effect of polymer, poly(ethylene glycol)(PEG-400), on solvent and rotational relaxation of coumarin-480 in an ionic liquid containing microemulsions. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 3878.	1.3	12
795	A highly efficient approach for dehydrochlorinating polyvinyl chloride: catalysis by 1-butyl-3-methylimidazolium chloride. <i>Green Chemistry</i> , 2010, 12, 1062.	4.6	37

#	ARTICLE	IF	CITATIONS
796	Dual stimuli-responsive phase transition of an ionic liquid/water mixture. <i>Chemical Communications</i> , 2011, 47, 4772.	2.2	48
797	Synthesis of ZnO particles on zinc foil in ionic-liquid precursors. <i>CrystEngComm</i> , 2011, 13, 2656.	1.3	17
798	Solubility and Electrical Conductivity of Common Sodium Salts in Selected Ionic Liquids. <i>Advanced Materials Research</i> , 0, 233-235, 2760-2764.	0.3	5
799	Partition of Substituted Benzenes between Hydrophobic Ionic Liquids and Water: Evaluation of Interactions between Substituents and Ionic Liquids. <i>Journal of Chemical &amp; Engineering Data</i> , 2011, 56, 2160-2167.	1.0	12
800	Maxwell-Stefan Diffusivities in Binary Mixtures of Ionic Liquids with Dimethyl Sulfoxide (DMSO) and H <sub>2</sub> O. <i>Journal of Physical Chemistry B</i> , 2011, 115, 8506-8517.	1.2	35
801	Measurements and Correlation of High-Pressure Densities of Phosphonium Based Ionic Liquids. <i>Journal of Chemical &amp; Engineering Data</i> , 2011, 56, 2205-2217.	1.0	41
802	Rational Design and One-Step Formation of Multifunctional Gel Transducer for Simple Fabrication of Integrated Electrochemical Biosensors. <i>Analytical Chemistry</i> , 2011, 83, 5715-5720.	3.2	29
803	Particle Self-Assembly in Ionic Liquid-in-Water Pickering Emulsions. <i>Langmuir</i> , 2011, 27, 508-512.	1.6	32
804	Stokes Shift Dynamics in (Ionic Liquid + Polar Solvent) Binary Mixtures: Composition Dependence. <i>Journal of Physical Chemistry B</i> , 2011, 115, 4011-4024.	1.2	46
805	Extraction of Benzene from Aliphatic Compounds Using Commercial Ionic Liquids as Solvents: Study of the Liquid-Liquid Equilibrium at $T = 298.15$ K. <i>Journal of Chemical &amp; Engineering Data</i> , 2011, 56, 3376-3383.	1.0	44
806	Hydrodynamic Interpretation on the Rotational Diffusion of Peroxylamine Disulfonate Solute Dissolved in Room Temperature Ionic Liquids As Studied by Electron Paramagnetic Resonance Spectroscopy. <i>Journal of Physical Chemistry A</i> , 2011, 115, 6347-6356.	1.1	22
807	Ultrafast Dynamics in 1-Butyl-3-methylimidazolium-Based Ionic Liquids: A Femtosecond Raman-Induced Kerr Effect Spectroscopic Study. <i>Journal of Physical Chemistry B</i> , 2011, 115, 4621-4631.	1.2	47
808	Partition Behavior of Chlorophenols and Nitrophenols between Hydrophobic Ionic Liquids and Water. <i>Journal of Chemical &amp; Engineering Data</i> , 2011, 56, 4083-4089.	1.0	17
809	Optimal Molecular Design of Ionic Liquids for High-Purity Bioethanol Production. <i>Industrial &amp; Engineering Chemistry Research</i> , 2011, 50, 5153-5168.	1.8	57
810	Ionic liquid effects on Mizoroki-Heck reactions: more than just carbene complex formation. <i>Chemical Communications</i> , 2011, 47, 9200.	2.2	28
811	Tetraalkylphosphonium-Based Ionic Liquids for a Single-Step Dye Extraction/MALDI MS Analysis Platform. <i>Analytical Chemistry</i> , 2011, 83, 2921-2930.	3.2	24
812	Solvation of Nucleobases in 1,3-Dialkylimidazolium Acetate Ionic Liquids: NMR Spectroscopy Insights into the Dissolution Mechanism. <i>Journal of Physical Chemistry B</i> , 2011, 115, 10739-10749.	1.2	31
813	Molecular Dynamics Simulations of Nanoparticle Self-Assembly at Ionic Liquid-Water and Ionic Liquid-Oil Interfaces. <i>Langmuir</i> , 2011, 27, 11339-11346.	1.6	40

#	ARTICLE	IF	CITATIONS
814	Halogen Bonding Interactions between Brominated Ion Pairs and CO <sub>2</sub> Molecules: Implications for Design of New and Efficient Ionic Liquids for CO <sub>2</sub> Absorption. Journal of Physical Chemistry B, 2011, 115, 3949-3958.	1.2	60
815	Synthesis of Ionic Liquids Containing the Hydroxyl Functionality for Extracting Nonylphenol and Octylphenol in Water. Synthetic Communications, 2011, 41, 2455-2460.	1.1	3
816	Investigation on the Solubility of SO <sub>2</sub> and CO <sub>2</sub> in Imidazolium-Based Ionic Liquids Using NPT Monte Carlo Simulation. Journal of Physical Chemistry B, 2011, 115, 13599-13607.	1.2	66
817	Moving from Wastes to Clean Wastes. Comprehensive Analytical Chemistry, 2011, , 185-205.	0.7	0
818	Advances on biomass pretreatment using ionic liquids: An overview. Energy and Environmental Science, 2011, 4, 3913.	15.6	378
819	Magnetic microsphere confined ionic liquid as a novel sorbent for the determination of chlorophenols in environmental water samples by liquid chromatography. Journal of Environmental Monitoring, 2011, 13, 440-445.	2.1	41
820	Processing of metals and metal oxides using ionic liquids. Green Chemistry, 2011, 13, 471.	4.6	309
821	Deep eutectic solvents as both precursors and structure directing agents in the synthesis of nitrogen doped hierarchical carbons highly suitable for CO <sub>2</sub> capture. Energy and Environmental Science, 2011, 4, 3535.	15.6	176
822	Effects of 1-Butyl-3-methyl Imidazolium Tetrafluoroborate Ionic Liquid on Triton X-100 Aqueous Micelles: Solvent and Rotational Relaxation Studies. Journal of Physical Chemistry B, 2011, 115, 6957-6963.	1.2	34
823	Autocatalytic sonolysis of iron pentacarbonyl in room temperature ionic liquid [BuMeIm][Tf <sub>2</sub> N]. Physical Chemistry Chemical Physics, 2011, 13, 2111-2113.	1.3	6
824	Ionic Liquid Extractants in Molecular Diluents: Extraction Behavior of Plutonium (IV) in 1,3-Diketone Ionic Liquids. Solvent Extraction and Ion Exchange, 2011, 29, 602-618.	0.8	34
825	Ionic Liquid Containing Microemulsions: Probe by Conductance, Dynamic Light Scattering, Diffusion-Ordered Spectroscopy NMR Measurements, and Study of Solvent Relaxation Dynamics. Journal of Physical Chemistry B, 2011, 115, 2322-2330.	1.2	57
826	Water sorption by anhydrous ionic liquids. Green Chemistry, 2011, 13, 1712.	4.6	102
827	Delineating Solute-Solvent Interactions in Binary Mixtures of Ionic Liquids in Molecular Solvents and Preferential Solvation Approach. Journal of Physical Chemistry B, 2011, 115, 711-718.	1.2	88
828	Densities and Viscosities for Binary Mixtures of 1-Butyl-3-Methylimidazolium Tetrafluoroborate Ionic Liquid with Molecular Solvents. Journal of Chemical & Engineering Data, 2011, 56, 1526-1534.	1.0	100
829	Isobaric Vapor-Liquid Equilibria for the Extractive Distillation of Ethanol + Water Mixtures Using 1-Ethyl-3-methylimidazolium Dicyanamide. Journal of Chemical & Engineering Data, 2011, 56, 4875-4880.	1.0	46
830	Ultrasonic and Volumetric Properties of 1-Ethyl-3-methylimidazolium Trifluoromethanesulfonate Ionic Liquid with 2-Propanol or Tetrahydrofuran at Several Temperatures. Journal of Chemical & Engineering Data, 2011, 56, 4633-4642.	1.0	30
831	Hydrophobic 1-allyl-3-alkylimidazolium dicyanamide ionic liquids with low densities. Journal of Materials Chemistry, 2011, 21, 6864.	6.7	17

#	ARTICLE	IF	CITATIONS
832	Pd-TPPTS catalyzed Mizoroki-Heck coupling in halogen-free ionic liquids [Rmim][p-CH <sub>3</sub> C <sub>6</sub> H <sub>4</sub> SO <sub>3</sub> ]. Catalysis Communications, 2011, 12, 748-752.	1.6	5
833	Ionic liquid-based dispersive liquid-liquid microextraction and enhanced spectrophotometric determination of molybdenum (VI) in water and plant leaves samples by FO-LADS. Food and Chemical Toxicology, 2011, 49, 423-428.	1.8	61
834	Epoxidation and Baeyer-Villiger oxidation using hydrogen peroxide and a lipase dissolved in ionic liquids. Green Chemistry, 2011, 13, 2154.	4.6	98
835	Structural characterization of zinc(II) chloride in aqueous solution and in the protic ionic liquid ethyl ammonium nitrate by x-ray absorption spectroscopy. Journal of Chemical Physics, 2011, 135, 154509.	1.2	33
836	A quick and green approach to prepare [Rmim]OH and its application in hydrophilic ionic liquid synthesis. New Journal of Chemistry, 2011, 35, 1661.	1.4	11
837	Thermodynamic study of POSS-based ionic liquids with various numbers of ion pairs. Polymer Journal, 2011, 43, 708-713.	1.3	51
838	Extraction of Th(IV) from an HNO <sub>3</sub> Solution by Diglycolamide in Ionic Liquids. Industrial & Engineering Chemistry Research, 2011, 50, 13990-13996.	1.8	41
839	Proton Transfer between Tryptophan and Ionic Liquid Solvents Studied with Molecular Dynamics Simulations. Journal of Physical Chemistry B, 2011, 115, 8231-8241.	1.2	22
840	Dilution Method Study on the Interfacial Composition, Thermodynamic Properties, and Structural Parameters of the [bmim][BF <sub>4</sub> ] + Brij-35 + 1-Butanol + Toluene Microemulsion. Journal of Chemical & Engineering Data, 2011, 56, 3328-3335.	1.0	18
841	Perspectives of Ionic Liquids Applications for Clean Oilfield Technologies. , 0, , .		12
842	Ionic Liquids in Separation of Metal Ions from Aqueous Solutions. , 0, , .		8
843	Ionic Liquids as Extraction Media for Metal Ions. Journal of Ion Exchange, 2011, 22, 73-80.	0.1	6
844	Ionic Liquid-Mediated Liquid-Liquid Extraction. , 2011, , .		4
845	Cold-Induced Aggregation Microextraction: A Novel Sample Preparation Technique Based on Ionic Liquids for Preconcentration of Cobalt Prior to Its Determination by Fiber Optic-Linear Array Detection Spectrophotometry in Real Water Samples. , 2011, , .		0
846	Chelate Extraction of Metals into Ionic Liquids. Solvent Extraction Research and Development, 2011, 18, 1-14.	0.5	41
847	How to remove the influence of trace water from the absorption spectra of SWNTs dispersed in ionic liquids. Beilstein Journal of Nanotechnology, 2011, 2, 653-658.	1.5	8
848	Structural effects of polyethers and ionic liquids in their binary mixtures on lower critical solution temperature liquid-liquid phase separation. Polymer Journal, 2011, 43, 242-248.	1.3	79
849	Room temperature ionic liquid diluent for the mutual separation of europium(III) from americium(III). Separation and Purification Technology, 2011, 81, 109-115.	3.9	72

#	ARTICLE	IF	CITATIONS
850	Electrodeposition of ruthenium, rhodium and palladium from nitric acid and ionic liquid media: Recovery and surface morphology of the deposits. <i>Materials Chemistry and Physics</i> , 2011, 128, 141-150.	2.0	42
851	Use of 1-alkyl-3-methylimidazolium I-lactates as both ligand and reaction media for AGET ATRP of acrylonitrile. <i>Materials Chemistry and Physics</i> , 2011, 128, 331-335.	2.0	7
852	Structural features of lignin macromolecules extracted with ionic liquid from poplar wood. <i>Bioresource Technology</i> , 2011, 102, 9020-9025.	4.8	146
853	Efficient synthesis of antifungal active 9-substituted-3-aryl-5H,13aH-quinolino[3,2-f][1,2,4]triazolo[4,3-b][1,2,4]triazepines in ionic liquids. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 4919-4923.	1.0	28
854	Hypervalent Iodine(III) Reagent Mediated Synthesis of 2-Methylbenzofuran Derivatives by Pummerer-type Reaction in Ionic Liquid. <i>Journal of the Chinese Chemical Society</i> , 2011, 58, 90-93.	0.8	8
855	Where are ionic liquid strategies most suited in the pursuit of chemicals and energy from lignocellulosic biomass?. <i>Chemical Communications</i> , 2011, 47, 1405-1421.	2.2	391
856	A Series of Carboxylic-Functionalized Ionic Liquids and their Solubility for Lanthanide Oxides. <i>Chemistry - an Asian Journal</i> , 2011, 6, 1443-1449.	1.7	24
857	Synthesis of New dihydropyrimidinones catalysed by dicationic ionic liquid. <i>Journal of Chemical Sciences</i> , 2011, 123, 645-655.	0.7	14
858	Mass-transfer in pertraction of butyric acid by phosphonium ionic liquids and dodecane. <i>Chemical Papers</i> , 2011, 65, .	1.0	22
859	Ionic liquids-assisted fabrication of silica-based monolithic columns. <i>Journal of Chromatography A</i> , 2011, 1218, 3699-3703.	1.8	8
860	Preparation and Characterization of Two Brønsted Acid Ionic Liquids. <i>Journal of Chemical Crystallography</i> , 2011, 41, 1027-1031.	0.5	2
861	Novel guanidinium zwitterion and derived ionic liquids: physicochemical properties and DFT theoretical studies. <i>Structural Chemistry</i> , 2011, 22, 1119-1130.	1.0	10
862	Electrocatalytic oxidation of quinine sulfate at a multiwall carbon nanotubes-ionic liquid modified glassy carbon electrode and its electrochemical determination. <i>Journal of Solid State Electrochemistry</i> , 2011, 15, 1185-1192.	1.2	22
863	Electrophoretic separation of acidic and basic proteins in the presence of micromolar concentrations of an ionic liquid. <i>Mikrochimica Acta</i> , 2011, 174, 63-71.	2.5	12
864	Application of chloroaluminate ionic liquid as catalyst and medium for the dealkylation of esters. <i>Monatshfte für Chemie</i> , 2011, 142, 1029-1033.	0.9	7
865	Predicting the partitioning of biological compounds between room-temperature ionic liquids and water by means of the solvation-parameter model. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 399, 2807-2820.	1.9	16
866	Comparison of stationary phases for packed column supercritical fluid chromatography based upon ionic liquid motifs: a study of cation and anion effects. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 400, 435-447.	1.9	16
867	Ionic liquid-based single drop microextraction of ultra-trace copper in food and water samples before spectrophotometric determination. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011, 79, 1941-1945.	2.0	47

#	ARTICLE	IF	CITATIONS
868	Extraction and third phase formation behavior of Eu(III) IN CMPOâ€‘TBP extractants present in room temperature ionic liquid. Separation and Purification Technology, 2011, 76, 238-243.	3.9	81
869	Revealing the catalytic mechanism of an ionic liquid with an isotope exchange method. Petroleum Science, 2011, 8, 495-501.	2.4	9
870	Effect of 1-butyl-3-methylimidazolium nitrate on separation properties of polymer/AgNO <sub>3</sub> membranes for propylene/propane mixtures: Comparison between poly(2-ethyl-2-oxazoline) and poly(ethylene Tj ETQqO 0 0 rgB0/Overlæk 10 Tf 50	2.0	10
871	Cation and anion substitution effects on the ultrafast dynamics of interionic interaction in imidazolium based ionic liquids. Science China Chemistry, 2011, 54, 1491-1497.	4.2	4
872	Synthesis and Selfâ€‘Aggregation of a Hydroxylâ€‘Functionalized Imidazoliumâ€‘Based Ionic Liquid Surfactant in Aqueous Solution. Journal of Surfactants and Detergents, 2011, 14, 203-210.	1.0	49
873	ARGET ATRP of acrylonitrile with ionic liquid as reaction media and 1,1,4,7,7â€‘pentamethyldiethylenetriamine as both ligand and reducing agent in the presence of air. Polymers for Advanced Technologies, 2011, 22, 1513-1517.	1.6	17
874	Formation and tribological properties of twoâ€‘component ultrathin ionic liquid films on Si. Surface and Interface Analysis, 2011, 43, 1332-1340.	0.8	9
875	Chromatographic determination of biogenic amines in wines after treatment with ionic liquids as novel media. Journal of Separation Science, 2011, 34, 1055-1062.	1.3	17
876	Ionic liquidâ€‘assisted electrospray ionization of polysaccharides. Journal of Mass Spectrometry, 2011, 46, 367-375.	0.7	18
877	Labâ€‘onâ€‘aâ€‘plate: Extending the functionality of MALDIâ€‘MS and LDIâ€‘MS targets. Mass Spectrometry Reviews, 2011, 30, 435-478.	2.8	45
878	Acidic Ionic Liquids as Efficient and Environmentally Benign Medium for the Synthesis of 2â€‘Phenylbenzimidazole. Chinese Journal of Chemistry, 2011, 29, 968-972.	2.6	4
879	Ionic Liquids as Active Pharmaceutical Ingredients. ChemMedChem, 2011, 6, 975-985.	1.6	294
880	Thermomorphic Behavior of the Ionic Liquids [C <sub>4</sub> mim][FeCl <sub>4</sub> ] and [C <sub>12</sub> mim][FeCl <sub>4</sub> ]. ChemPhysChem, 2011, 12, 364-368.	1.0	56
881	Polarity Behaviour and Specific Interactions of Imidazolium-Based Ionic Liquids in Ethylene Glycol. ChemPhysChem, 2011, 12, 836-845.	1.0	30
882	Thermal and mechanical properties of poly(vinyl alcohol) plasticized with glycerol. Journal of Applied Polymer Science, 2011, 122, 3102-3109.	1.3	136
883	ARGET ATRP of acrylonitrile with ionic liquid as reaction medium and FeBr <sub>3</sub> /isophthalic acid as catalyst system. Journal of Applied Polymer Science, 2011, 122, 3298-3302.	1.3	16
884	Partitioning of amino acids in the aqueous biphasic system containing the waterâ€‘miscible ionic liquid 1â€‘butylâ€‘3â€‘methylimidazolium bromide and the waterâ€‘structuring salt potassium citrate. Biotechnology Progress, 2011, 27, 986-997.	1.3	87
885	Deepâ€‘Eutecticâ€‘Solventâ€‘Assisted Synthesis of Hierarchical Carbon Electrodes Exhibiting Capacitance Retention at High Current Densities. Chemistry - A European Journal, 2011, 17, 10533-10537.	1.7	86



#	ARTICLE	IF	CITATIONS
886	A novel reusable ionic liquid chemically bonded fused-silica fiber for headspace solid-phase microextraction/gas chromatography-flame ionization detection of methyl tert-butyl ether in a gasoline sample. <i>Journal of Chromatography A</i> , 2011, 1218, 130-136.	1.8	64
887	HPLC-ELSD analysis of six starch species heat-dispersed in [BMIM]Cl ionic liquid. <i>Carbohydrate Polymers</i> , 2011, 84, 509-516.	5.1	59
888	New chiral imidazolium ionic liquids from isomannide. <i>Carbohydrate Research</i> , 2011, 346, 197-202.	1.1	20
889	Surface loaded 1-methyl-3-ethylimidazolium bis(trifluoromethylsulfonyl)imide [EMIM+Tf <sub>2</sub> N <sup>-</sup> ] hydrophobic ionic liquid on nano-silica sorbents for removal of lead from water samples. <i>Desalination</i> , 2011, 266, 119-127.	4.0	51
890	Study of the BMIM-PF <sub>6</sub> : Acetonitrile binary mixture as a solvent for electrochemical studies involving CO <sub>2</sub> . <i>Electrochimica Acta</i> , 2011, 56, 5003-5009.	2.6	14
891	Screen-printed ionic liquid/preanodized carbon electrode: Effective detection of dopamine in the presence of high concentration of ascorbic acid. <i>Electrochemistry Communications</i> , 2011, 13, 174-177.	2.3	43
892	A lattice-fluid model for multi-component ionic-liquid systems. <i>Fluid Phase Equilibria</i> , 2011, 302, 260-268.	1.4	4
893	N-butylpyridinium bis-(trifluoromethylsulfonyl)imide ionic liquids as solvents for the liquid-liquid extraction of aromatics from their mixtures with alkanes: Isomeric effect of the cation. <i>Fluid Phase Equilibria</i> , 2011, 301, 62-66.	1.4	52
894	Ionic liquid as a complexation and extraction medium combined with high-performance liquid chromatography in the evaluation of chromium(VI) and chromium(III) speciation in wastewater samples. <i>Microchemical Journal</i> , 2011, 98, 200-203.	2.3	42
895	Novel hydrophobic cyclic sulfonium-based ionic liquids as potential electrolyte. <i>Journal of Molecular Liquids</i> , 2011, 158, 75-79.	2.3	15
896	Thermomechanical properties of poly(vinyl alcohol) plasticized with varying ratios of sorbitol. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2011, 528, 925-930.	2.6	66
897	One-step, solid-state reaction to ZnO nanoparticles in the presence of ionic liquid. <i>Materials Science in Semiconductor Processing</i> , 2011, 14, 184-187.	1.9	16
898	Novel room temperature ionic liquid for fluorescence enhancement of Eu <sup>3+</sup> and Tb <sup>3+</sup> . <i>Journal of Luminescence</i> , 2011, 131, 739-748.	1.5	17
899	Determination of the active constituents in <i>Arnebia euchroma</i> (Royle) Johnst. by ionic liquid-based ultrasonic-assisted extraction high-performance liquid chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 1833-1838.	1.2	33
900	Self-aggregation and antimicrobial activity of imidazolium and pyridinium based ionic liquids in aqueous solution. <i>Journal of Colloid and Interface Science</i> , 2011, 355, 164-171.	5.0	369
901	Imidazolium camphorsulfonamides: Chiral catanionic liquid crystals with tunable thermal properties. <i>Journal of Colloid and Interface Science</i> , 2011, 356, 639-646.	5.0	14
902	Isobaric (vapor+liquid) equilibria of 1-ethyl-3-methylimidazolium ethylsulfate plus (propionaldehyde) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 895-900.	1.0	26
903	Solubilities of imidazolium-based ionic liquids in aqueous salt solutions at 298.15 K. <i>Journal of Chemical Thermodynamics</i> , 2011, 43, 1174-1177.	1.0	16



#	ARTICLE	IF	CITATIONS
905	Microwave Assisted Synthesis of CuO Nanostructures in Ionic Liquids. <i>Advanced Materials Research</i> , 0, 281, 127-131.	0.3	0
906	Solvent extraction studies of plutonium(IV) by crown ether dicyclohexyl-18-crown-6 (DC18C6) in 1-butyl-3-methyl imidazolium hexafluorophosphate (C <sub>4</sub> mimPF <sub>6</sub> ) and 1-hexyl-3-methyl imidazolium hexafluorophosphate (C <sub>6</sub> mimPF <sub>6</sub> ) room temperature ionic liquids (RTIL). <i>Radiochimica Acta</i> , 2011, 99, 201-205.	0.5	14
907	Material design of ionic liquids to show temperature-sensitive LCST-type phase transition after mixing with water. <i>Australian Journal of Chemistry</i> , 2011, 64, 1560.	0.5	100
908	An Unexpected Reaction between 5-Hydroxymethylfurfural and Imidazolium-Based Ionic Liquids at High Temperatures. <i>Molecules</i> , 2011, 16, 8463-8474.	1.7	26
909	Chitosan as a Renewable Heterogeneous Catalyst for the Knoevenagel Reaction in Ionic Liquid as Green Solvent. <i>ISRN Organic Chemistry</i> , 2012, 2012, 1-9.	1.0	15
910	Applications of Ionic Liquids in Electrochemical Sensors and Biosensors. <i>International Journal of Electrochemistry</i> , 2012, 2012, 1-19.	2.4	52
911	Microwave-Assisted Synthesis of Nanocrystalline Zirconium Dioxide Using an Ionic Liquid. <i>Applied Mechanics and Materials</i> , 2012, 271-272, 255-258.	0.2	0
912	Ionic Liquid-Based Microwave-Assisted Extraction of Flavonoids from <i>Bauhinia championii</i> (Benth.) Benth.. <i>Molecules</i> , 2012, 17, 14323-14335.	1.7	55
913	Ionic Liquid: Best Alternate to Organic Solvent to Carry Out Organic Synthesis. <i>International Journal of Green Nanotechnology</i> , 2012, 4, 262-276.	0.3	11
914	Corrosion Inhibition of Carbon Steel in Sulfuric Acid by [BMIm] [Lys] Amino Acid Ionic Liquids. <i>Advanced Materials Research</i> , 2012, 476-478, 1434-1440.	0.3	2
915	Liquid-liquid extraction process of amino acids by a new amide-based functionalized ionic liquid. <i>Green Chemistry</i> , 2012, 14, 1721.	4.6	42
916	Ionic liquid [omim][NO <sub>3</sub> ], a green medium for room-temperature synthesis of benzothiazinone derivatives in one pot. <i>Green Chemistry Letters and Reviews</i> , 2012, 5, 649-698.	2.1	7
917	Interfacial Composition, Thermodynamic Properties, and Structural Parameters of [bmim][BF <sub>4</sub> ]+Cetyltrimethylammonium Bromide+Alkanol+Toluene Microemulsions. <i>Journal of Dispersion Science and Technology</i> , 2012, 33, 141-146.	1.3	5
918	The Use of an Ionic Liquid in a Karr Reciprocating Plate Extraction Column: Drop Size Distribution. <i>Separation Science and Technology</i> , 2012, 47, 1733-1739.	1.3	7
919	Benzothiazine Dyes/2,4,6-Tris(trichloromethyl)-1,3,5-triazine as a New Visible Two-Component Photoinitiator System. <i>International Journal of Photoenergy</i> , 2012, 2012, 1-8.	1.4	2
920	Cradle to grave: How green are ionic liquids?. <i>Nanomaterials and Energy</i> , 2012, 1, 193-206.	0.1	14
921	Evaluation of a Hydrophilic Ionic Liquid as a Salting-out Phase Separation Agent to a Water-Tetrahydrofuran Homogeneous System for Aqueous Biphasic Extraction Separation. <i>Analytical Sciences</i> , 2012, 28, 541-543.	0.8	13
922	Ionic Liquids as Green Solvents: Progress and Prospects. , 2012, , 1-32.		53

#	ARTICLE	IF	CITATIONS
923	Density and Viscosity Data for Binary Mixtures of 1-Alkyl-3-methylimidazolium Alkylsulfates + Water. <i>Journal of Chemical &amp; Engineering Data</i> , 2012, 57, 3473-3482.	1.0	46
924	Physical Properties of <i>N</i> -Butylpyridinium Tetrafluoroborate and <i>N</i> -Butylpyridinium Bis(trifluoromethylsulfonyl)imide Binary Ionic Liquid Mixtures. <i>Journal of Chemical &amp; Engineering Data</i> , 2012, 57, 1318-1325.	1.0	72
925	Use of Unconventional Solvents for Sample Preparation in Environmental Analysis. , 2012, , 943-970.		1
926	Thermodynamic and Topological Studies of 1-Ethyl-3-methylimidazolium Tetrafluoroborate + Pyrrolidin-2-one and 1-Methyl-pyrrolidin-2-one Mixtures. <i>Journal of Chemical &amp; Engineering Data</i> , 2012, 57, 3488-3497.	1.0	44
927	Pretreatment of fibre sludge in ionic liquids followed by enzyme and acid catalysed hydrolysis. <i>Catalysis Today</i> , 2012, 196, 11-15.	2.2	15
928	Density, Refraction Index, and Vapor-Liquid Equilibria of <i>N</i> -Methyl-2-hydroxyethylammonium Hexanoate Plus (Methyl Acetate, Ethyl Acetate, or Propyl Acetate) at Several Temperatures. <i>Industrial &amp; Engineering Chemistry Research</i> , 2012, 51, 14543-14554.	1.8	11
929	Synthesis and Reactivity of Novel 1 <i>H</i> -Isochromeno[3,4- <i>d</i> ]imidazol-1-onium Salts. <i>Heterocycles</i> , 2012, 84, 537.	0.4	3
930	Solvent Effect on the Enthalpy of Solution and Partial Molar Volume of the Ionic Liquid 1-Butyl-3-methylimidazolium Tetrafluoroborate. <i>Journal of Solution Chemistry</i> , 2012, 41, 1375-1387.	0.6	13
931	Synthesis of 1,8-dioxo-octahydroxanthenes and bis(indolyl)methanes catalyzed by [Et <sub>3</sub> NH][H <sub>2</sub> PO <sub>4</sub> ] as a cheap and mild acidic ionic liquid. <i>Arabian Journal of Chemistry</i> , 2012, 5, 319-323.	2.3	22
932	Simulation of aromatics extraction with an ionic liquid in a pilot-plant K <sub>A</sub> 1/4hni extractor based on single-drop experiments. <i>Chemical Engineering Science</i> , 2012, 82, 167-176.	1.9	29
933	Phase equilibria of toluene/heptane with tetrabutylphosphonium bromide based deep eutectic solvents for the potential use in the separation of aromatics from naphtha. <i>Fluid Phase Equilibria</i> , 2012, 333, 47-54.	1.4	89
934	Role of Hydrogen Bonds in Ionic-Liquid-Mediated Extraction of Natural Bioactive Homologues. <i>Industrial &amp; Engineering Chemistry Research</i> , 2012, 51, 5299-5308.	1.8	29
935	Partition Coefficients of Alkaloids in Biphasic Ionic-Liquid-Aqueous Systems and their Dependence on the Hofmeister Series. <i>Separation Science and Technology</i> , 2012, 47, 284-291.	1.3	33
936	Synthesis of Ionic Liquids [BMIM]BF <sub>4</sub> and [BMIM]PF <sub>6</sub> under Microwave Irradiation by One-Pot. <i>Advanced Materials Research</i> , 0, 496, 84-87.	0.3	1
937	Highly selective extraction of the uranyl ion with hydrophobic amidoxime-functionalized ionic liquids via 1:2 coordination. <i>RSC Advances</i> , 2012, 2, 8526.	1.7	102
938	Encapsulated ionic liquids (ENILs): from continuous to discrete liquid phase. <i>Chemical Communications</i> , 2012, 48, 10046.	2.2	49
939	Investigating the origin of entropy-derived rate accelerations in ionic liquids. <i>Faraday Discussions</i> , 2012, 154, 365-371.	1.6	52
940	Excited-state proton-relay dynamics of 7-hydroxyquinoline controlled by solvent reorganization in room temperature ionic liquids. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 218-224.	1.3	6

#	ARTICLE	IF	CITATIONS
941	Temperature-responsive ionic liquid/water interfaces: relation between hydrophilicity of ions and dynamic phase change. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 5063.	1.3	142
942	A highly efficient solvent system containing functionalized diglycolamides and an ionic liquid for americium recovery from radioactive wastes. <i>Dalton Transactions</i> , 2012, 41, 6970.	1.6	103
943	In Situ Observation of Multiple Phase Transitions in Low-Melting Ionic Liquid [BMIM][BF <sub>4</sub> ] under High Pressure up to 30 GPa. <i>Journal of Physical Chemistry B</i> , 2012, 116, 2216-2222.	1.2	45
944	Ionic liquid-assisted synthesis of SnO <sub>2</sub> particles with nanorod subunits for enhanced gas-sensing properties. <i>CrystEngComm</i> , 2012, 14, 3404.	1.3	25
945	Mesoscopic Structural Heterogeneities in Room-Temperature Ionic Liquids. <i>Journal of Physical Chemistry Letters</i> , 2012, 3, 27-33.	2.1	352
946	Deep eutectic assisted synthesis of carbon adsorbents highly suitable for low-pressure separation of CO <sub>2</sub> –CH <sub>4</sub> gas mixtures. <i>Energy and Environmental Science</i> , 2012, 5, 8699.	15.6	71
947	Extraction Behavior of Cu(II) Ion From Chloride Medium to the Hydrophobic Ionic Liquids Using 1,10-Phenanthroline. <i>Separation Science and Technology</i> , 2012, 47, 250-255.	1.3	11
948	Conformational Flexibility and Cation–Anion Interactions in 1-Butyl-2,3-dimethylimidazolium Salts. <i>Crystal Growth and Design</i> , 2012, 12, 1838-1846.	1.4	15
949	Anion Effects in the Extraction of Lanthanide 2-Thenoyltrifluoroacetone Complexes into an Ionic Liquid. <i>Separation Science and Technology</i> , 2012, 47, 233-243.	1.3	43
950	Biobutanol Recovery Using Nonfluorinated Task-Specific Ionic Liquids. <i>Industrial &amp; Engineering Chemistry Research</i> , 2012, 51, 8293-8301.	1.8	79
951	Isoamyl acetate synthesis in imidazolium-based ionic liquids using packed bed enzyme microreactor. <i>Process Biochemistry</i> , 2012, 47, 1344-1350.	1.8	56
953	Multi-walled carbon nanotube modified with 1-butyl 3-methyl imidazolium hexafluoro phosphate supported on sawdust as a selective adsorbent for solid phase extraction of Bi(III). <i>Talanta</i> , 2012, 99, 507-511.	2.9	21
954	High-pressure volumetric properties of choline chloride–ethylene glycol based deep eutectic solvent and its mixtures with water. <i>Thermochimica Acta</i> , 2012, 546, 54-60.	1.2	65
955	Application and Perspective of Ionic Liquids on Rare Earths Green Separation. <i>Separation Science and Technology</i> , 2012, 47, 223-232.	1.3	117
956	Recent advances of ionic liquids in separation science and mass spectrometry. <i>RSC Advances</i> , 2012, 2, 5470.	1.7	168
957	Ionic liquids from renewable biomaterials: synthesis, characterization and application in the pretreatment of biomass. <i>Green Chemistry</i> , 2012, 14, 304-307.	4.6	384
958	Homogeneous ionic liquid microextraction of the active constituents from fruits of <i>Schisandra chinensis</i> and <i>Schisandra sphenanthera</i> . <i>Analytica Chimica Acta</i> , 2012, 712, 78-84.	2.6	32
959	Polymeric imidazolium ionic liquids as valuable stationary phases in gas chromatography: Chemical synthesis and full characterization. <i>Analytica Chimica Acta</i> , 2012, 721, 173-181.	2.6	46

#	ARTICLE	IF	CITATIONS
960	Evaluating the complexation behavior and regeneration of boron selective glucaminium-based ionic liquids when used as extraction solvents. <i>Analytica Chimica Acta</i> , 2012, 740, 66-73.	2.6	21
961	Application of a hydroxyl functionalized ionic liquid modified electrode for the sensitive detection of adenosine-5- $\alpha$ -monophosphate. <i>Journal of Electroanalytical Chemistry</i> , 2012, 664, 88-93.	1.9	27
962	1-Alkyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide ionic liquids as solvents in the separation of azeotropic mixtures. <i>Journal of Chemical Thermodynamics</i> , 2012, 53, 152-157.	1.0	43
963	Effect of alkyl chain length and head group on surface active and aggregation behavior of ionic liquids in water. <i>Fluid Phase Equilibria</i> , 2012, 327, 22-29.	1.4	88
964	Equation of state modelling of systems with ionic liquids: Literature review and application with the Cubic Plus Association (CPA) model. <i>Fluid Phase Equilibria</i> , 2012, 332, 128-143.	1.4	82
965	Adsorption of imidazolium and pyridinium ionic liquids onto montmorillonite: Characterisation and thermodynamic calculations. <i>Chemical Engineering Journal</i> , 2012, 209, 13-19.	6.6	89
966	pH Control of Ionic Liquids with Carbon Dioxide and Water: 1-Ethyl-3-methylimidazolium Acetate. <i>Industrial &amp; Engineering Chemistry Research</i> , 2012, 51, 2524-2530.	1.8	24
967	An environmentally friendlier approach to hydrometallurgy: highly selective separation of cobalt from nickel by solvent extraction with undiluted phosphonium ionic liquids. <i>Green Chemistry</i> , 2012, 14, 1657.	4.6	202
968	Surface Tension of Binary Mixtures of 1-Alkyl-3-methylimidazolium Bis(trifluoromethylsulfonyl)imide Ionic Liquids: Experimental Measurements and Soft-SAFT Modeling. <i>Journal of Physical Chemistry B</i> , 2012, 116, 12133-12141.	1.2	61
969	Density, Surface Tension, and Refractive Index of Ionic Liquids Homologue of 1-Alkyl-3-methylimidazolium Tetrafluoroborate [C <sub>n</sub> mim][BF <sub>4</sub> ] ( <i>n</i> ) Tj ETQq11b0.7843d4 rgBT	1.1	14
970	Volumetric and Acoustic Properties of Aqueous Solutions of Trifluoromethanesulfonate-Based Ionic Liquids at Several Temperatures. <i>Journal of Chemical &amp; Engineering Data</i> , 2012, 57, 1953-1963.	1.0	50
971	Practical separation of alcohol-ester mixtures using Deep-Eutectic-Solvents. <i>Tetrahedron Letters</i> , 2012, 53, 6968-6971.	0.7	71
972	Recent Advances in Solvent Extraction Processes and Techniques. , 2012, , 483-524.		2
973	Fluorescence correlation spectroscopy study on room-temperature ionic liquids. <i>Journal of the Korean Physical Society</i> , 2012, 61, 1555-1559.	0.3	11
975	Selective Liquid-Liquid Extraction of Natural Phenolic Compounds Using Amino Acid Ionic Liquids: A Case of $\alpha$ -Tocopherol and Methyl Linoleate Separation. <i>Industrial &amp; Engineering Chemistry Research</i> , 2012, 51, 6480-6488.	1.8	41
976	Spectroscopic Evidence for Unusual Microviscosity in Imidazolium Ionic Liquid and Tetraethylene Glycol Dimethyl Ether Cosolvent Mixtures. <i>Journal of Physical Chemistry B</i> , 2012, 116, 13272-13281.	1.2	23
977	Extraction of Tryptophan with Ionic Liquids Studied with Molecular Dynamics Simulations. <i>Journal of Physical Chemistry B</i> , 2012, 116, 296-304.	1.2	28
978	Anomalous extraction behavior of americium(III) in some diglycolamide isomers present in ionic liquid medium. <i>Radiochimica Acta</i> , 2012, 100, 907-914.	0.5	13

#	ARTICLE	IF	CITATIONS
979	Lab in a syringe: fully automated dispersive liquid-liquid microextraction with integrated spectrophotometric detection. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 404, 909-917.	1.9	90
980	Ionic Liquid Aqueous Solutions under Nanoconfinement. <i>Journal of Physical Chemistry C</i> , 2012, 116, 5394-5400.	1.5	15
981	Room temperature ionic liquid-assisted synthesis of mesoporous -alumina. <i>Micro and Nano Letters</i> , 2012, 7, 617.	0.6	0
982	Application of ionic liquid for extraction and separation of bioactive compounds from plants. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 904, 1-21.	1.2	199
983	Long term stability of superoxide ion in piperidinium, pyrrolidinium and phosphonium cations-based ionic liquids and its utilization in the destruction of chlorobenzenes. <i>Journal of Electroanalytical Chemistry</i> , 2012, 664, 26-32.	1.9	55
984	Thermodynamic analysis of an absorption refrigeration system with ionic-liquid/refrigerant mixture as a working fluid. <i>Energy</i> , 2012, 44, 1005-1016.	4.5	128
985	Extraction behavior of actinides and fission products in amide functionalized ionic liquid. <i>Separation and Purification Technology</i> , 2012, 97, 164-171.	3.9	54
986	Preparation and characterization of ionic liquid polymer microspheres [PEEKWC/DMF/CYPHOS IL 101] using the phase-inversion technique. <i>Separation and Purification Technology</i> , 2012, 97, 179-185.	3.9	20
987	Extraction of 1,3-propanediol from aqueous solutions using different ionic liquid-based aqueous two-phase systems. <i>Separation and Purification Technology</i> , 2012, 97, 130-136.	3.9	41
988	Gas transport properties of Pebax®/room temperature ionic liquid gel membranes. <i>Separation and Purification Technology</i> , 2012, 97, 73-82.	3.9	223
989	A highly efficient solvent system containing TODGA in room temperature ionic liquids for actinide extraction. <i>Separation and Purification Technology</i> , 2012, 96, 289-295.	3.9	132
990	Facilitated olefin transport through room temperature ionic liquids for separation of olefin/paraffin mixtures. <i>Journal of Membrane Science</i> , 2012, 423-424, 159-164.	4.1	29
991	Extraction of Lanthanides(III) with $N,N'$ -Bis(Diphenylphosphinyl-Methylcarbonyl)Diaza-18-Crown-6 in the Presence of Ionic Liquids. <i>Solvent Extraction and Ion Exchange</i> , 2012, 30, 244-261.	0.8	29
992	Synthesis and gas-sensing properties of ZnO particles from an ionic liquid precursor. <i>RSC Advances</i> , 2012, 2, 3049.	1.7	25
993	Phase Equilibria of Binary and Ternary Systems Containing ILs, Dodecane, and Cyclohexanecarboxylic Acid. <i>Separation Science and Technology</i> , 2012, 47, 312-324.	1.3	14
994	Ionic Liquids. , 2012, , 213-242.		8
995	Desulfurization From Model of Gasoline by Extraction With Synthesized $[BF_4]^-$ and $[PF_6]^-$ -based Ionic Liquids. <i>Petroleum Science and Technology</i> , 2012, 30, 1619-1628.	0.7	16
996	Efficient recyclable catalytic system for deoxygenation of sulfoxides: catalysis of ionic liquid-molybdenum complexes in ionic liquid solution. <i>New Journal of Chemistry</i> , 2012, 36, 971.	1.4	18

#	ARTICLE	IF	CITATIONS
997	Solubility of xylitol and sorbitol in ionic liquids – Experimental data and modeling. Journal of Chemical Thermodynamics, 2012, 55, 184-192.	1.0	47
998	New surface-confined ionic liquid stationary phases with enhanced chromatographic selectivity and stability by co-immobilization of polymerizable anion and cation pairs. Chemical Communications, 2012, 48, 1299-1301.	2.2	71
999	An Overview of Mutual Solubility of Ionic Liquids and Water Predicted by COSMO-RS. Industrial & Engineering Chemistry Research, 2012, 51, 6256-6264.	1.8	148
1000	Molecular dynamics simulations of charged nanoparticle self-assembly at ionic liquid-water and ionic liquid-oil interfaces. Journal of Chemical Physics, 2012, 136, 084706.	1.2	24
1001	Mechanism of Lignin Dissolution and Regeneration in Ionic Liquid. Energy & Fuels, 2012, 26, 6393-6403.	2.5	90
1002	1-Ethyl-3-methylimidazolium Dicyanamide as a Very Efficient Entrainer for the Extractive Distillation of the Acetone + Methanol System. Journal of Chemical & Engineering Data, 2012, 57, 394-399.	1.0	49
1003	Deep Separation of Benzene from Cyclohexane by Liquid Extraction Using Ionic Liquids as the Solvent. Industrial & Engineering Chemistry Research, 2012, 51, 5559-5564.	1.8	66
1004	Extraction of Am(iii) using novel solvent systems containing a tripodal diglycolamide ligand in room temperature ionic liquids: a “green” approach for radioactive waste processing. RSC Advances, 2012, 2, 7492.	1.7	98
1005	Long Term Pilot Plant Experience on Aromatics Extraction with Ionic Liquids. Separation Science and Technology, 2012, 47, 337-345.	1.3	28
1006	New Aspects of Ionic Liquids as a Novel Initiator of Radical Polymerization. Molecular Crystals and Liquid Crystals, 2012, 556, 61-73.	0.4	3
1007	Water-clustering in hygroscopic ionic liquids – an implicit solvent analysis. Physical Chemistry Chemical Physics, 2012, 14, 5139.	1.3	54
1008	Inorganic Contaminants. , 2012, , 743-782.		5
1009	Synthesis of Different Types of Ionic Liquids Using Conventional and Novel Methods. SSRN Electronic Journal, 2012, , .	0.4	1
1010	Application of Ionic Liquids for the Separation of Rare Earth Metals. Solvent Extraction Research and Development, 2012, 19, 17-28.	0.5	55
1011	SET-CLRP of acrylonitrile in ionic liquids without any ligand. Journal of Polymer Science Part A, 2012, 50, 609-613.	2.5	20
1012	Applications of ionic liquids. Chemical Record, 2012, 12, 329-355.	2.9	239
1013	extraction studies and luminescent properties of lanthanide complexes. Open Chemistry, 2012, 10, 146-156.	1.0	26
1014	Solubility of CO <sub>2</sub> , H <sub>2</sub> S, and Their Mixture in the Ionic Liquid 1-Octyl-3-methylimidazolium Bis(trifluoromethyl)sulfonylimide. Journal of Physical Chemistry B, 2012, 116, 2758-2774.	1.2	188



#	ARTICLE	IF	CITATIONS
1015	Potential Applications of Room Temperature Ionic Liquids for Fission Products and Actinide Separation. <i>Separation Science and Technology</i> , 2012, 47, 204-222.	1.3	174
1016	Ionic-Liquid-Assisted Morphology Tuning of Calcium Carbonate in Ethanolic Solution. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 2183-2192.	1.0	13
1017	Ionic liquid-assisted synthesis of carbon nanotube/platinum nanocomposites. <i>Journal of Nanoparticle Research</i> , 2012, 14, 1.	0.8	3
1018	State-of-the-Art of CO <sub>2</sub> Capture with Ionic Liquids. <i>Industrial &amp; Engineering Chemistry Research</i> , 2012, 51, 8149-8177.	1.8	881
1019	Greener Electrochemical Synthesis of High Quality Graphene Nanosheets Directly from Pencil and its SPR Sensing Application. <i>Advanced Functional Materials</i> , 2012, 22, 2352-2362.	7.8	129
1020	Alum (KAl(SO <sub>4</sub> ) <sub>2</sub> ·12H <sub>2</sub> O) Catalyzed Multicomponent Transformation: Simple, Efficient, and Green Route to Synthesis of Functionalized Spiro[chromeno[2,3-b:4,5-b']pyrimidine-5,3'-indoline]-tetraones in Ionic Liquid Media. <i>Chinese Journal of Chemistry</i> , 2012, 30, 709-714.	2.6	26
1021	A Novel Method for Dye Removal: Ionic Liquid-Based Dispersive Liquid-Liquid Extraction (IL- $\mu$ DLLE). <i>Clean - Soil, Air, Water</i> , 2012, 40, 290-297.	0.7	48
1022	Phase Behaviour, Interactions, and Structural Studies of (Amines+Ionic Liquids) Binary Mixtures. <i>ChemPhysChem</i> , 2012, 13, 1825-1835.	1.0	24
1023	Adsorption Features of Flavonoids on Macroporous Adsorption Resins Functionalized with Ionic Liquids. <i>ChemPhysChem</i> , 2012, 13, 3330-3339.	1.0	5
1024	Dialkylimidazolium Ionic Liquids Hydrolyze Cellulose Under Mild Conditions. <i>ChemSusChem</i> , 2012, 5, 1542-1548.	3.6	40
1025	Ionic liquid/water mixtures: from hostility to conciliation. <i>Chemical Communications</i> , 2012, 48, 7119.	2.2	319
1026	Liquid-Liquid Equilibrium Data for 1-Ethyl-3-methylimidazolium Acetate-Thiophene-Diesel Compound: Experiments and Correlations. <i>Journal of Solution Chemistry</i> , 2012, 41, 898-913.	0.6	25
1027	Preparation of poly(n-butyl acrylate) by ATRP using initiators for continuous activator regeneration (ICAR) in ionic liquid. <i>Journal of Polymer Research</i> , 2012, 19, 1.	1.2	16
1028	Ionic liquid based dispersive liquid-liquid microextraction combined with ICP-OES for the determination of trace quantities of cobalt, copper, manganese, nickel and zinc in environmental water samples. <i>Mikrochimica Acta</i> , 2012, 177, 119-127.	2.5	89
1029	The study of factors affecting the enzymatic hydrolysis of cellulose after ionic liquid pretreatment. <i>Carbohydrate Polymers</i> , 2012, 87, 2019-2023.	5.1	100
1030	New binary ionic liquid system for the preparation of chitosan/cellulose composite fibers. <i>Carbohydrate Polymers</i> , 2012, 88, 347-351.	5.1	45
1031	Liquid-liquid extraction of toluene from n-heptane using binary mixtures of N-butylpyridinium tetrafluoroborate and N-butylpyridinium bis(trifluoromethylsulfonyl)imide ionic liquids. <i>Chemical Engineering Journal</i> , 2012, 180, 210-215.	6.6	65
1032	Improved separation efficiency using ionic liquid-cosolvent mixtures as the extractant in liquid-liquid extraction: A multiple adjustment and synergistic effect. <i>Chemical Engineering Journal</i> , 2012, 181-182, 334-342.	6.6	93



#	ARTICLE	IF	CITATIONS
1033	Recovery of crocins from saffron stigmas ( <i>Crocus sativus</i> ) in aqueous two-phase systems. <i>Journal of Chromatography A</i> , 2012, 1236, 7-15.	1.8	58
1034	Liquid-liquid equilibria for the ternary system (phosphonium based deep eutectic) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 70 2012, 314, 52-59.	1.4	97
1035	Crystallization of cesium complex containing bis(2-propyloxy)calix[4]crown-6 and bis[(trifluoromethyl)sulfonyl]imide. <i>Inorganica Chimica Acta</i> , 2012, 390, 8-11.	1.2	14
1036	Naphthoylenebenzimidazolone dyes as electron transfer photosensitizers for iodonium salt induced cationic photopolymerizations. <i>Dyes and Pigments</i> , 2012, 95, 252-259.	2.0	26
1037	Solvent Extraction of Yttrium by Task-specific Ionic Liquids Bearing Carboxylic Group. <i>Chinese Journal of Chemical Engineering</i> , 2012, 20, 40-46.	1.7	12
1038	A review of working fluids of absorption cycles. <i>Renewable and Sustainable Energy Reviews</i> , 2012, 16, 1899-1906.	8.2	228
1039	Extraction of zinc from ammoniacal solution with $\beta^2$ -diketone: A comparative study of solvents used. <i>Separation and Purification Technology</i> , 2012, 87, 15-21.	3.9	13
1040	High-pressure volumetric properties of ionic liquids: 1-butyl-3-methylimidazolium tetrafluoroborate, [C4mim][BF4], 1-butyl-3-methylimidazolium methylsulfate [C4mim][MeSO4] and 1-ethyl-3-methylimidazolium ethylsulfate, [C2mim][EtSO4]. <i>Journal of Molecular Liquids</i> , 2012, 165, 161-167.	2.3	66
1041	Ionic liquid precursor-based synthesis of CuO nanoplates for gas sensing and amperometric sensing applications. <i>Sensors and Actuators B: Chemical</i> , 2012, 168, 156-164.	4.0	56
1042	Combination of supercritical carbon dioxide and ionic liquid in a novel assembly of carvacrol. <i>Journal of Supercritical Fluids</i> , 2012, 61, 191-198.	1.6	40
1043	A facile IL-assisted DMSO assisted synthesis of 5-, 6-, and 7-membered benzo-annelated cyclic guanidines. <i>Tetrahedron Letters</i> , 2012, 53, 2954-2958.	0.7	13
1044	Laser-induced fluorescence and infrared spectroscopic studies on the specific solvation of tris(1-(2-thienyl)-4,4,4-trifluoro-1,3-butanedionato)europium(III) in an ionic liquid. <i>Polyhedron</i> , 2012, 31, 748-753.	1.0	31
1045	Dechlorination of poly(vinyl chloride) by 1-butyl-3-methylimidazoliumhydroxide. <i>Polymer Degradation and Stability</i> , 2012, 97, 145-148.	2.7	16
1046	Preparation of poly(methyl methacrylate) by ATRP using initiators for continuous activator regeneration (ICAR) in ionic liquid/microemulsions. <i>Polymer</i> , 2012, 53, 1093-1097.	1.8	33
1047	Thermodynamic and spectroscopic studies on binary mixtures of imidazolium ionic liquids in ethylene glycol. <i>Journal of Chemical Thermodynamics</i> , 2012, 44, 121-127.	1.0	44
1048	PVT properties for binary ionic liquids of 1-methyl-1-propylpiperidinium bis(trifluoromethylsulfonyl)imide with anisole or acetophenone at pressures up to 50 MPa. <i>Journal of Chemical Thermodynamics</i> , 2012, 49, 54-61.	1.0	8
1049	Effect of an ionic liquid on the volumetric behavior of tetradentate N2O2 type Schiff bases in DMF at T=(308.15 to 328.15)K. <i>Journal of Chemical Thermodynamics</i> , 2012, 51, 114-119.	1.0	12
1050	Application of [HMim][NTf2], [HMim][TfO] and [BMim][TfO] ionic liquids on the extraction of toluene from alkanes: Effect of the anion and the alkyl chain length of the cation on the LLE. <i>Journal of Chemical Thermodynamics</i> , 2012, 53, 60-66.	1.0	56

#	ARTICLE	IF	CITATIONS
1051	Separation of toluene from n-heptane by liquid-liquid extraction using binary mixtures of [bpy][BF <sub>4</sub> ] and [4bmpy][Tf <sub>2</sub> N] ionic liquids as solvent. <i>Journal of Chemical Thermodynamics</i> , 2012, 53, 119-124.	1.0	37
1052	Application of ionic liquids in organic pollutants control. <i>Journal of Environmental Management</i> , 2012, 99, 104-109.	3.8	60
1053	Effect of chelating agents on the selectivity of a hydrophobic ionic liquid membrane. <i>Russian Journal of Inorganic Chemistry</i> , 2012, 57, 751-753.	0.3	1
1054	Hydrogen Bonds: A Structural Insight into Ionic Liquids. <i>Chemistry - A European Journal</i> , 2012, 18, 2748-2761.	1.7	254
1055	Modification of Tao's Mason equation of state to ionic liquids. <i>Ionics</i> , 2012, 18, 135-142.	1.2	10
1056	Ionic liquids in drug delivery. <i>Expert Opinion on Drug Delivery</i> , 2013, 10, 1367-1381.	2.4	186
1057	Dynamic interfacial tension behavior between heavy crude oil and ionic liquid solution (1-dodecyl-3-methylimidazolium chloride ([C <sub>12</sub> mim][Cl]+distilled or saline water/heavy crude oil)) as a new surfactant. <i>Journal of Molecular Liquids</i> , 2013, 187, 83-89.	2.3	156
1058	Preparation of sol-gel materials doped with ionic liquid and extractant for cerium(III) extraction. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2013, 298, 1055-1063.	0.7	4
1059	The solvation dynamics at millisecond scale of Pd(II)-meso-tetra(4-carboxyphenyl)porphine in solid imidazolium-sulfonate-based ionic liquids. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 112, 146-151.	2.0	5
1060	On the Mechanism of Solvation Dynamics in Imidazolium-Based Ionic Liquids. <i>Journal of Physical Chemistry B</i> , 2013, 117, 15659-15666.	1.2	43
1061	Experimental and theoretical investigation of multistage extraction of 1,3-propanediol using the extraction system phosphate/1-butyl-3-methylimidazolium trifluoromethanesulfonate/water. <i>Biotechnology Progress</i> , 2013, 29, 933-942.	1.3	5
1062	Investigation of a phosphate/1-butyl-3-methylimidazolium trifluoromethanesulfonate/water system for the extraction of 1,3-propanediol from fermentation broth. <i>RSC Advances</i> , 2013, 3, 148-156.	1.7	15
1063	Chemical properties of trihexyl(tetradecyl)phosphonium chloride and bis(2,4,4-trimethylpentyl)phosphinic acid mixtures: Interaction study by FT-IR and NMR spectroscopies. <i>Journal of Molecular Liquids</i> , 2013, 187, 165-170.	2.3	47
1064	Ionic liquids showing phase separation with water prepared by mixing hydrophilic and polar amino acid ionic liquids. <i>Chemical Communications</i> , 2013, 49, 8988.	2.2	31
1065	Solubility of Sugars and Sugar Alcohols in Ionic Liquids: Measurement and PC-SAFT Modeling. <i>Journal of Physical Chemistry B</i> , 2013, 117, 9980-9995.	1.2	67
1066	Imidazolium-based Alkylsulfate Ionic Liquids and Removal of Sulfur Content From Model of Gasoline. <i>Petroleum Science and Technology</i> , 2013, 31, 472-480.	0.7	21
1067	Absorption of SO <sub>2</sub> in aqueous solutions of mixed hydroxylammonium dicarboxylate ionic liquids. <i>Chemical Engineering Journal</i> , 2013, 215-216, 36-44.	6.6	92
1068	The photochemical behavior of benzo[a]pyrido[2,3-b:4,5-b']imidazo[4,5-c]phenazine dyes. <i>Dyes and Pigments</i> , 2013, 99, 666-672.	2.0	9

#	ARTICLE	IF	CITATIONS
1069	Liquid-liquid extraction of neodymium(iii) by dialkylphosphate ionic liquids from acidic medium: the importance of the ionic liquid cation. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 16533.	1.3	98
1070	New polyoxomolybdate compounds synthesized in situ using ionic liquid 1-butyl-3-methyl-imidazolium tetrafluoroborate as green solvent. <i>New Journal of Chemistry</i> , 2013, 37, 2894.	1.4	17
1071	Application of ionic liquids for liquid-liquid microextraction. <i>Analytical Methods</i> , 2013, 5, 5376.	1.3	43
1072	Tunable gold nanoparticles shape and size in reductive and structuring media containing protic ionic liquids. <i>Ionics</i> , 2013, 19, 1783-1790.	1.2	12
1073	Does the cation really matter? The effect of modifying an ionic liquid cation on an SN2 process. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 6170.	1.5	45
1074	Deep-Eutectic-Assisted Synthesis of Bimodal Porous Carbon Monoliths with High Electrical Conductivities. <i>Particle and Particle Systems Characterization</i> , 2013, 30, 316-320.	1.2	19
1075	Cool-white light emitting hybrid materials of a resin-mesoporous silica composite matrix encapsulating europium polyoxometalates through an ionic liquid linker. <i>RSC Advances</i> , 2013, 3, 20077.	1.7	29
1076	Density, refraction index and vapor-liquid equilibria of N-methyl-2-hydroxyethylammonium butyrate plus (methyl acetate or ethyl acetate or propyl acetate) at several temperatures. <i>Journal of Chemical Thermodynamics</i> , 2013, 62, 130-141.	1.0	13
1077	Lanthanides and Actinides in Ionic Liquids. , 2013, , 641-673.		15
1078	Application of portable spectrometer for ultra trace metal analysis after ionic liquid based microextraction. <i>Analytical Methods</i> , 2013, 5, 2978.	1.3	10
1079	Multi-component assembly and photophysical properties of europium polyoxometalates and polymer functionalized (mesoporous) silica through a double functional ionic liquid linker. <i>Dalton Transactions</i> , 2013, 42, 14230.	1.6	22
1080	Homogeneous Catalytic Olefin Epoxidation with Molybdenum Complexes. <i>Advances in Inorganic Chemistry</i> , 2013, 65, 33-83.	0.4	18
1081	Crystallization of calcium carbonate controlled by Pluronic P123 in room-temperature ionic liquid. <i>Colloid and Polymer Science</i> , 2013, 291, 2851-2859.	1.0	0
1082	Phase behavior and solubilization of microemulsion systems containing Gemini imidazoliums and their monomeric analogues. <i>Colloid and Polymer Science</i> , 2013, 291, 2429-2437.	1.0	10
1083	Determination of four pesticides in soil by homogeneous ionic liquid-based microextraction coupled with high-performance liquid chromatography. <i>Chemical Research in Chinese Universities</i> , 2013, 29, 218-222.	1.3	12
1084	Task-specific ionic liquid with coordinating anion for heavy metal ion extraction: Cation exchange versus ion-pair extraction. <i>Separation and Purification Technology</i> , 2013, 107, 172-178.	3.9	72
1085	Dioxouranium(VI) extraction in microchannels using ionic liquids. <i>Chemical Engineering Journal</i> , 2013, 227, 151-157.	6.6	69
1086	Homogeneous Liquid-Liquid Extraction of Metal Ions with a Functionalized Ionic Liquid. <i>Journal of Physical Chemistry Letters</i> , 2013, 4, 1659-1663.	2.1	194

#	ARTICLE	IF	CITATIONS
1088	A diglycolamide-functionalized task specific ionic liquid (TSIL) for actinide extraction: Solvent extraction, thermodynamics and radiolytic stability studies. <i>Separation and Purification Technology</i> , 2013, 118, 264-270.	3.9	67
1089	Probing the importance of ionic liquid structure: a general ionic liquid effect on an SNAr process. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 7516.	1.5	51
1090	Structure and Dynamics of Nonionic Surfactants Adsorbed at Vacuum/Ionic Liquid Interfaces. <i>Langmuir</i> , 2013, 29, 13379-13387.	1.6	9
1091	Ionic Liquids as New Solvents for Textile Fiber Formation and Modification. <i>Chemical Engineering and Technology</i> , 2013, 36, 1823-1837.	0.9	19
1092	Ionic Liquids and Deep Eutectic Solvents in Natural Products Research: Mixtures of Solids as Extraction Solvents. <i>Journal of Natural Products</i> , 2013, 76, 2162-2173.	1.5	377
1093	Highly Efficient Diglycolamide-Based Task-Specific Ionic Liquids: Synthesis, Unusual Extraction Behaviour, Irradiation, and Fluorescence Studies. <i>Chemistry - A European Journal</i> , 2013, 19, 3230-3238.	1.7	113
1094	Palladium-Catalyzed Coupling of Alkynes with Unactivated Alkenes in Ionic Liquids: A Regio- and Stereoselective Synthesis of Functionalized 1,6-Dienes and Their Analogues. <i>Journal of Organic Chemistry</i> , 2013, 78, 12477-12486.	1.7	44
1095	Solvent Extraction of Weak Acids in Binary Extractant Systems. <i>Separation Science and Technology</i> , 2013, 48, 1417-1425.	1.3	12
1096	A comparative study of ultrasound-, microwave-, and microreactor-assisted imidazolium-based ionic liquid synthesis. <i>Green Processing and Synthesis</i> , 2013, 2, 579-590.	1.3	36
1097	Phase equilibria of toluene/heptane with deep eutectic solvents based on ethyltriphenylphosphonium iodide for the potential use in the separation of aromatics from naphtha. <i>Journal of Chemical Thermodynamics</i> , 2013, 65, 138-149.	1.0	59
1098	Small-Angle Neutron Scattering Study on Aggregation of 1-Alkyl-3-methylimidazolium Based Ionic Liquids in Aqueous Solution. <i>Journal of Solution Chemistry</i> , 2013, 42, 1888-1901.	0.6	13
1099	Synthesis, characterization and thermal properties of thiosalicylate ionic liquids. <i>Journal of Chemical Sciences</i> , 2013, 125, 1511-1515.	0.7	6
1100	Paramagnetic Ionic Liquids for Measurements of Density Using Magnetic Levitation. <i>Analytical Chemistry</i> , 2013, 85, 8442-8447.	3.2	72
1102	A continuous ionic liquid extraction process for the separation of cobalt from nickel. <i>Green Chemistry</i> , 2013, 15, 3160.	4.6	100
1103	Formal Redox Potentials of Organic Molecules in Ionic Liquids on the Basis of Quaternary Nitrogen Cations as Adiabatic Electron Affinities. <i>Journal of Physical Chemistry B</i> , 2013, 117, 10834-10845.	1.2	12
1104	Soft hybrids of Eu <sup>3+</sup> beta-diketonates and MS (M = Zn, Cd) nanoparticles using mercapto-ionic liquid linkage for white luminescence integration. <i>New Journal of Chemistry</i> , 2013, 37, 2619.	1.4	20
1105	Isolation of natural red colorants from fermented broth using ionic liquid-based aqueous two-phase systems. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2013, 40, 507-516.	1.4	60
1106	Design calculations of an extractor for aromatic and aliphatic hydrocarbons separation using ionic liquids. <i>Chemical Papers</i> , 2013, 67, .	1.0	3

#	ARTICLE	IF	CITATIONS
1107	Detection of small differences in the hydrophilicity of ions using the LCST-type phase transition of an ionic liquid-water mixture. <i>Chemical Communications</i> , 2013, 49, 93-95.	2.2	37
1108	At the ionic liquid   metal interface: structure formation and temperature dependent behavior of an ionic liquid adlayer on Au(111). <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 17295.	1.3	82
1109	Towards reaction control using an ionic liquid: biasing outcomes of reactions of benzyl halides. <i>RSC Advances</i> , 2013, 3, 15698.	1.7	29
1110	Phosphonium phosphonate-type zwitterion-water mixed systems showing variable hydrogen bonding ability as a function of temperature. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 14941.	1.3	13
1111	Unraveling heterogeneous microviscosities of the 1-alkyl-3-methylimidazolium hexafluorophosphate ionic liquids with different chain lengths. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 16074.	1.3	18
1112	Ionic Liquid-Catalyzed Internal Redox Esterification Reaction. <i>Synthetic Communications</i> , 2013, 43, 1287-1298.	1.1	12
1113	Liquid-liquid extraction of toluene from heptane by {[4bmpy][Tf2N]+[emim][CHF2CF2SO3]} ionic liquid mixed solvents. <i>Fluid Phase Equilibria</i> , 2013, 337, 47-52.	1.4	19
1114	Identification of F <sup>•</sup> and SO <sub>4</sub> <sup>•-</sup> as the radiolytic products of the ionic liquid C <sub>4</sub> mimNTf <sub>2</sub> and their effect on the extraction of UO <sub>2</sub> <sup>2+</sup> . <i>Radiation Physics and Chemistry</i> , 2013, 83, 74-78.	1.4	7
1115	Ionic liquid-assisted exfoliation of graphite oxide for simultaneous reduction and functionalization to graphenes with improved properties. <i>Journal of Materials Chemistry A</i> , 2013, 1, 2663.	5.2	61
1116	SO <sub>3</sub> H-functionalized acidic ionic liquids as catalysts for the hydrolysis of cellulose. <i>Carbohydrate Polymers</i> , 2013, 92, 218-222.	5.1	79
1117	Cellulose dissolution at ambient temperature: Role of preferential solvation of cations of ionic liquids by a cosolvent. <i>Carbohydrate Polymers</i> , 2013, 92, 540-544.	5.1	184
1118	Development of an ionic liquid-based dispersive liquid-liquid microextraction method for the determination of nifurtimox and benznidazole in human plasma. <i>Talanta</i> , 2013, 107, 95-102.	2.9	38
1119	Selection of Ionic Liquids for Enhancing the Gas Solubility of Volatile Organic Compounds. <i>Journal of Physical Chemistry B</i> , 2013, 117, 296-306.	1.2	75
1120	Tetraalkylammonium oleate and linoleate based ionic liquids: promising extractants for metal salts. <i>Green Chemistry</i> , 2013, 15, 205-209.	4.6	96
1121	Gelation process of Tetra-PEG ion-gel investigated by time-resolved dynamic light scattering. <i>Polymer</i> , 2013, 54, 1160-1166.	1.8	20
1122	Absorption of CO <sub>2</sub> in amino acid ionic liquid (AAIL) activated MDEA solutions. <i>International Journal of Greenhouse Gas Control</i> , 2013, 19, 379-386.	2.3	68
1123	Liquid-liquid extraction of caprolactam from water using room temperature ionic liquids. <i>Separation and Purification Technology</i> , 2013, 104, 263-267.	3.9	24
1124	Separation of toluene from n-heptane using monocationic and dicationic ionic liquids. <i>Fluid Phase Equilibria</i> , 2013, 342, 75-81.	1.4	23

#	ARTICLE	IF	CITATIONS
1125	Direct observation of spiropyran phosphorescence in imidazolium ionic liquids. <i>Chemical Physics Letters</i> , 2013, 556, 102-107.	1.2	9
1126	Selective olefin epoxidation catalyzed by metallocorroles in ionic liquid medium at room temperature. <i>Journal of Molecular Catalysis A</i> , 2013, 378, 179-183.	4.8	5
1127	Comparing Ammonium and Phosphonium Polymerized Ionic Liquids: Thermal Analysis, Conductivity, and Morphology. <i>Macromolecular Chemistry and Physics</i> , 2013, 214, 2099-2107.	1.1	87
1128	A chiral electrochemical sensor for propranolol based on multi-walled carbon nanotubes/ionic liquids nanocomposite. <i>Talanta</i> , 2013, 105, 250-254.	2.9	45
1129	Apparent molar volume and apparent molar isentropic compressibility for the binary systems {methyltrioctylammoniumbis(trifluoromethylsulfonyl)imide+ethyl acetate or ethanol} at different temperatures under atmospheric pressure. <i>Thermochimica Acta</i> , 2013, 566, 77-83.	1.2	66
1130	Liquid-liquid equilibria studies on ammonium and phosphonium based ionic liquid-aromatic-aliphatic component at T=298.15K and p=1bar: Correlations and a-priori predictions. <i>Fluid Phase Equilibria</i> , 2013, 360, 392-400.	1.4	33
1131	In vitro cytotoxicity assessment of imidazolium ionic liquids: Biological effects in fish Channel Catfish Ovary (CCO) cell line. <i>Ecotoxicology and Environmental Safety</i> , 2013, 92, 112-118.	2.9	68
1132	Critical properties and acentric factors of ionic liquids. <i>Korean Journal of Chemical Engineering</i> , 2013, 30, 187-193.	1.2	25
1133	Aqueous biphasic systems composed of ionic liquids and sodium carbonate as enhanced routes for the extraction of tetracycline. <i>Biotechnology Progress</i> , 2013, 29, 645-654.	1.3	50
1134	Hydrophobic and polar ionic liquids. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 4066.	1.3	70
1135	Molecular interactions between fullerene C60 and ionic liquids. <i>Chemical Physics Letters</i> , 2013, 568-569, 75-79.	1.2	35
1136	Enhanced antimicrobial activities of 1-alkyl-3-methyl imidazolium ionic liquids based on silver or copper containing anions. <i>New Journal of Chemistry</i> , 2013, 37, 873.	1.4	45
1137	A novel CMPO-functionalized task specific ionic liquid: synthesis, extraction and spectroscopic investigations of actinide and lanthanide complexes. <i>Dalton Transactions</i> , 2013, 42, 4343.	1.6	94
1138	Synthesis and application of ionic liquid matrices (ILMs) for effective pathogenic bacteria analysis in matrix assisted laser desorption/ionization (MALDI-MS). <i>Analytica Chimica Acta</i> , 2013, 767, 104-111.	2.6	55
1139	Separation/preconcentration of trace copper by extraction into [C4mim][PF6] RITL containing p-tert-butyl-calix[4]arene functionalized with o-phenanthroline prior to flame absorption atomic spectrometry. <i>Journal of Molecular Liquids</i> , 2013, 178, 20-24.	2.3	6
1140	Mixture of ionic liquid and carbon nanotubes: comparative studies of the structural characteristics and dispersion of the aggregated non-bundled and bundled carbon nanotubes. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 2482.	1.3	18
1141	The making of iLiquids – the chemist's equivalent of the iPhone. <i>Chemical Communications</i> , 2013, 49, 2594.	2.2	32
1142	Pretreatment of Lignocellulosic Biomass Using Green Ionic Liquids. <i>Springer Briefs in Molecular Science</i> , 2013, , 127-153.	0.1	20



#	ARTICLE	IF	CITATIONS
1143	Interface adsorption and micelle formation of ionic liquid 1-hexyl-3-methylimidazolium chloride in the toluene+water system. <i>Journal of Chemical Thermodynamics</i> , 2013, 62, 92-97.	1.0	18
1144	Polyanionic and polyzwitterionic azobenzene ionic liquid-functionalized silica materials and their chromatographic applications. <i>Chemical Communications</i> , 2013, 49, 2454.	2.2	40
1145	Activation of Hydrogen Peroxide by Ionic Liquids: Mechanistic Studies and Application in the Epoxidation of Olefins. <i>Chemistry - A European Journal</i> , 2013, 19, 5972-5979.	1.7	47
1146	Fructose and Glucose Dissolution in Ionic Liquids: Solubility and Thermodynamic Modeling. <i>Industrial &amp; Engineering Chemistry Research</i> , 2013, 52, 3424-3435.	1.8	45
1147	Choline-like ionic liquid-based aqueous two-phase extraction of selected proteins. <i>Analytical Methods</i> , 2013, 5, 3395.	1.3	23
1148	Surface tensions of binary mixtures of ionic liquids with bis(trifluoromethylsulfonyl)imide as the common anion. <i>Journal of Chemical Thermodynamics</i> , 2013, 64, 22-27.	1.0	49
1149	A new coupling of ionic liquid based-single drop microextraction with tungsten coil electrothermal atomic absorption spectrometry. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 105, 320-325.	2.0	38
1150	Ionic liquid based three-liquid-phase partitioning and one-step separation of Pt (IV), Pd (II) and Rh (III). <i>Separation and Purification Technology</i> , 2013, 108, 166-173.	3.9	50
1151	Measurement and study of density, surface tension, and viscosity of quaternary ammonium-based ionic liquids ([N222(n)]Tf2N). <i>Journal of Chemical Thermodynamics</i> , 2013, 65, 42-52.	1.0	84
1152	Thermodynamic validation of 1-alkyl-3-methylimidazolium carboxylates as task-specific ionic liquids for H <sub>2</sub> S absorption. <i>AIChE Journal</i> , 2013, 59, 2227-2235.	1.8	135
1153	Physical Characterization of an Aromatic Extraction Solvent Formed by [bpy][BF <sub>4</sub> ] and [4bmpy][Tf <sub>2</sub> N] Mixed Ionic Liquids. <i>Journal of Chemical &amp; Engineering Data</i> , 2013, 58, 1496-1504.	1.0	37
1154	Vapor-liquid and liquid-liquid equilibrium for binary systems ester + a new protic ionic liquid. <i>Ionics</i> , 2013, 19, 1263-1269.	1.2	10
1155	Separation of cobalt and nickel by solvent extraction with two mutually immiscible ionic liquids. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 9663.	1.3	56
1156	Effect of imidazolium ionic liquids on the hydrolytic activity of lipase. <i>Chinese Journal of Catalysis</i> , 2013, 34, 769-780.	6.9	20
1157	Preparation of Cellulose Hollow Fiber Membrane from Bamboo Pulp/1-Butyl-3-Methylimidazolium Chloride/Dimethylsulfoxide System. <i>Industrial &amp; Engineering Chemistry Research</i> , 2013, 52, 9417-9421.	1.8	25
1158	Measurement and correlation of the solubilities of luteolin and rutin in five imidazole-based ionic liquids. <i>Fluid Phase Equilibria</i> , 2013, 344, 27-31.	1.4	23
1159	Synthesis of Poly(vinyl chloride)- <i>g</i> -Poly(ionic liquid) and Its Application to Tuning Surface for Copper Nanoparticles. <i>Industrial &amp; Engineering Chemistry Research</i> , 2013, 52, 9607-9611.	1.8	7
1160	Aggregation Behavior of 1-Dodecyl-3-methylimidazolium Bromide in Aqueous Solution: Effect of Ionic Liquids with Aromatic Anions. <i>Langmuir</i> , 2013, 29, 6213-6220.	1.6	65

#	ARTICLE	IF	CITATIONS
1161	Application of scaled particle theory to the partial molar volumes of some tetradentate N2O2 type Schiff bases in ionic liquid+DMF solutions. <i>Fluid Phase Equilibria</i> , 2013, 354, 1-5.	1.4	3
1162	1-Ethyl-3-methylimidazolium hexafluorophosphate: from ionic liquid prototype to antitype. <i>Chemical Communications</i> , 2013, 49, 6011.	2.2	24
1163	Density, conductivity, viscosity, and excess properties of (pyrrolidinium nitrate-based Protic Ionic) Tj ETQqO O O rgBT /Overlock 10 Tf 50	1.0	108
1164	Study of the solubility of CO2, H2S and their mixture in the ionic liquid 1-octyl-3-methylimidazolium hexafluorophosphate: Experimental and modelling. <i>Journal of Chemical Thermodynamics</i> , 2013, 65, 220-232.	1.0	123
1165	Ammonium based ionic liquids act as compatible solvents for glycine peptides. <i>Journal of Chemical Thermodynamics</i> , 2013, 56, 21-31.	1.0	23
1166	In Stationary Regime, Electron Transfer Rates in RTIL Media Are Diffusion Controlled: Experimental Evidence from Pulse Radiolysis Study. <i>Journal of Physical Chemistry B</i> , 2013, 117, 5113-5120.	1.2	3
1167	Solubility of Aloe-Emodin in Five Imidazolium-Based Ionic Liquids. <i>Journal of Chemical &amp; Engineering Data</i> , 2013, 58, 2405-2409.	1.0	2
1168	Iron carbide nanoparticles growth in room temperature ionic liquids [C n -MIM][BF4] (n=12, 16). <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	0.8	7
1169	Separation of Phenols from Oil Using Imidazolium-Based Ionic Liquids. <i>Industrial &amp; Engineering Chemistry Research</i> , 2013, 52, 18071-18075.	1.8	106
1170	Synthesis, photoluminescence and growth mechanism of ZnO nanorods via RTIL-assisted solid-state reaction. <i>Materials Letters</i> , 2013, 93, 172-174.	1.3	2
1171	Fe-mediated ARGET atom transfer radical polymerization of methyl methacrylate in ionic liquid-based microemulsion. <i>Journal of Applied Polymer Science</i> , 2013, 128, 3077-3083.	1.3	25
1172	Dissolving Effect of [BMIM]Cl and DMSO to Straw under High Temperature Conditions. <i>Applied Mechanics and Materials</i> , 2013, 316-317, 991-995.	0.2	0
1173	Preparation and Characterization of 1-methyl-3-butyl Nitrate. <i>Applied Mechanics and Materials</i> , 2013, 303-306, 2675-2678.	0.2	0
1174	Homogeneous Liquid-Liquid Extraction of Rare Earths with the Betaine-Betainium Bis(trifluoromethylsulfonyl)imide Ionic Liquid System. <i>International Journal of Molecular Sciences</i> , 2013, 14, 21353-21377.	1.8	87
1175	A Comparative Study of Piperidinium and Imidazolium Based Ionic Liquids: Thermal, Spectroscopic and Theoretical Studies. , 0, , .		8
1176	Towards solvent-controlled reactivity in ionic liquids. <i>Pure and Applied Chemistry</i> , 2013, 85, 1979-1990.	0.9	43
1177	Preparation and Characterization of N-Butyl Pyridine Nitrate. <i>Applied Mechanics and Materials</i> , 2013, 295-298, 220-223.	0.2	2
1178	Hydrophobic Poly(ionic liquid) for Highly Effective Separation of Methyl Blue and Chromium Ions from Water. <i>Polymers</i> , 2013, 5, 1203-1214.	2.0	54

#	ARTICLE	IF	CITATIONS
1179	Luminescent Hybrid Ionogels Functionalized with rare Earth fluoride Upâ€conversion Nanocrystals Dispersing in Ionic Liquid. <i>Photochemistry and Photobiology</i> , 2013, 89, 1262-1268.	1.3	5
1180	Cyclodextrinâ€Based Ionic Liquids as Enantioselective Stationary Phases in Gas Chromatography. <i>ChemPlusChem</i> , 2013, 78, 1466-1474.	1.3	9
1181	Slug Flow of Ionic Liquids in Capillary Microcontactors: Fluid Dynamic Intensification for Solvent Extraction. <i>Chemical Engineering and Technology</i> , 2013, 36, 975-984.	0.9	23
1182	Stereoselective Photochemical Reaction of Cyclohexyl Phenyl Ketone within Lyotropic Liquid Crystals Formed by Chiral Ionic Liquids. <i>Chinese Journal of Chemistry</i> , 2013, 31, 603-606.	2.6	4
1185	The solvation dynamics and rotational relaxation of protonated <i>meso</i> -tetrakis(4-sulfonatophenyl)porphyrin in imidazolium-based ionic liquids measured with a streak camera. <i>Journal of Porphyrins and Phthalocyanines</i> , 2013, 17, 367-375.	0.4	4
1186	A Note on Hybrid Nanocomposites. , 2013, , 91-102.		0
1187	Effects of different ionic liquids on the electrospinning of a polyacrylonitrile polymer solution. <i>Journal of Applied Polymer Science</i> , 2013, 130, 2359-2368.	1.3	28
1188	Physical properties of PVA doped with algal glycerol. <i>Journal of Applied Polymer Science</i> , 2013, 130, 4482-4489.	1.3	17
1189	Effect of Water on Interfacial Chemical Properties of Nonionic Surfactants in Hydrophobic Ionic Liquid bmimPF <sub>6</sub> . <i>Journal of Oleo Science</i> , 2013, 62, 363-370.	0.6	5
1190	Distribution Behavior of Neutral and Anionic Compounds in Ionic Liquid/Water Biphasic Systems. <i>Bunseki Kagaku</i> , 2013, 62, 297-315.	0.1	6
1191	Ionic Liquid Mediated Conductive Polymers. <i>Journal of Applied Mechanical Engineering</i> , 2013, 02, .	0.0	1
1192	Thermophysical, Volumetric, and Excess Properties of Aqueous Solutions of 1-Hexyl-3-methyl Imidazolium Bromide at 298.15â€K and 0.1â€MPa. , 2013, 2013, 1-7.		1
1193	Extraction of S- and N-Compounds from the Mixture of Hydrocarbons by Ionic Liquids as Selective Solvents. <i>Scientific World Journal</i> , The, 2013, 2013, 1-11.	0.8	50
1194	New Brønsted Ionic Liquids: Synthesis, Thermodynamics and Catalytic Activity in Aldol Condensation Reactions. , 0, , .		2
1195	The Structure of Supported Ionic Liquids at the Interface. , 0, , .		1
1196	Ionic Liquids: Synthesis and Applications in Catalysis. <i>Advances in Chemistry</i> , 2014, 2014, 1-16.	1.1	186
1197	Apparent molar volume and modeling of volumetric properties of ionic liquid aqueous solutions 1-butyl-3-methylimidazolium chloride [Bmim <sup>+</sup> ][Cl <sup>-</sup> ] at various temperatures. <i>DYNA (Colombia)</i> , 2014, 81, 120.	0.2	2
1198	Salting-out Phase Separation System of Waterâ€Tetrahydrofuran with Co-using 1-Butyl-3-methylimidazolium Chloride and Sodium Chloride for Possible Extraction Separation of Chloro-complexes. <i>Solvent Extraction Research and Development</i> , 2014, 21, 71-76.	0.5	3

#	ARTICLE	IF	CITATIONS
1199	Photoactive Hybrid Materials of Lanthanide (Eu <sup>3+</sup> , Tb <sup>3+</sup> , Sm <sup>3+</sup> ) Beta-Diketonates and Polymer Resin Through Ionic Liquid Bridge. Photochemistry and Photobiology, 2014, 90, 1462-1466.	1.3	6
1200	Ionic Liquids for Separation of Metal Ions and Organic Compounds from Aqueous Solutions. , 2014, , 153-188.		9
1201	Liquid-Phase Extraction and Microextraction. , 2014, , 107-152.		3
1202	Solubility of luteolin in several imidazole-based ionic liquids and extraction from peanut shells using selected ionic liquid as solvent. Separation and Purification Technology, 2014, 135, 223-228.	3.9	21
1203	Synthesis of the polymerizable room temperature ionic liquid AMPS + TEA and superabsorbency for organic liquids of its copolymeric gels with acrylamide. Designed Monomers and Polymers, 2014, 17, 140-146.	0.7	9
1204	SAFER SOLVENTS AND PROCESSES. , 2014, , 635-785.		2
1205	ionske kapljevine + razvoj i izazovi industrijske primjene. Kemija U Industriji, 2014, 63, .	0.2	1
1206	Fluorocarbon and Hydrocarbon N-Heterocyclic (C5-C7) Imidazole-Based Liquid Crystals. Chemistry - an Asian Journal, 2014, 9, 3418-3430.	1.7	9
1208	Extraction Kinetics of Lanthanum in Chloride Medium by Bifunctional Ionic Liquid [A336][CA-12] Using a Constant Interfacial Cell with Laminar Flow. Chinese Journal of Chemical Engineering, 2014, 22, 1174-1177.	1.7	11
1209	Photophysical Properties of Lanthanide (Eu <sup>3+</sup> , Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 38) Liquid-Modified Silane. Photochemistry and Photobiology, 2014, 90, 22-28.	1.3	5
1210	Effect of Protic Ionic Liquid and Surfactant Structure on Partitioning of Polyoxyethylene Non-ionic Surfactants. ChemPhysChem, 2014, 15, 2485-2489.	1.0	15
1211	Structure, Interaction and Hydrogen Bond. Structure and Bonding, 2014, , 1-38.	1.0	12
1212	Study on the Physicochemical Properties of the Mixture of Water and 1-butyl-3-methylimidazolium Hydrogen Sulfate Salt Ionic Liquids. Advanced Materials Research, 0, 887-888, 643-646.	0.3	1
1213	An High-Efficient Method for Synthesizing N,N'-Dialkyl-Imidazolium Salts. Applied Mechanics and Materials, 2014, 522-524, 357-360.	0.2	1
1214	Ionic liquid as a medium to remove iron and other metal ions: a case study of the North Kelantan Aquifer, Malaysia. Environmental Earth Sciences, 2014, 71, 2105-2113.	1.3	29
1215	Alanine-supported protic ionic liquids as efficient catalysts for aldol condensation reactions. Comptes Rendus Chimie, 2014, 17, 18-22.	0.2	10
1216	Room temperature synthesis of 2H-1,4-benzoxazine derivatives using a recoverable ionic liquid medium. Environmental Chemistry Letters, 2014, 12, 365-370.	8.3	11
1217	Fabrication of gallium hexacyanoferrate modified carbon ionic liquid paste electrode for sensitive determination of hydrogen peroxide and glucose. Materials Science and Engineering C, 2014, 40, 204-211.	3.8	26

#	ARTICLE	IF	CITATIONS
1218	Integrated butanol recovery for an advanced biofuel: current state and prospects. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 3463-3474.	1.7	134
1219	Thermophysical and Spectroscopic Studies of Pure 1-Butyl-3-methylimidazolium Tetrafluoroborate and Its Aqueous Mixtures. <i>Journal of Solution Chemistry</i> , 2014, 43, 340-359.	0.6	31
1220	1,1-Dimethyl-2,3,4,5-tetraphenylsilole as a Molecular Rotor Probe to Investigate the Microviscosity of Imidazolium Ionic Liquids. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2014, 24, 431-441.	1.9	15
1221	Soft materials composed with lanthanide (Eu <sup>3+</sup> , Tb <sup>3+</sup> ) beta-diketonates and ZnO nanoparticles through ionic liquid linkage to integrate white luminescence. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2014, 280, 1-4.	2.0	11
1222	lonothermal syntheses, crystal structures and luminescence of three three-dimensional lanthanide-1,4-benzenedicarboxylate frameworks. <i>Inorganica Chimica Acta</i> , 2014, 414, 226-233.	1.2	22
1223	Preparation and applications of surface-confined ionic-liquid stationary phases for liquid chromatography. <i>TrAC - Trends in Analytical Chemistry</i> , 2014, 53, 60-72.	5.8	99
1224	Cu(II) extraction using quaternary ammonium and quaternary phosphonium based ionic liquid. <i>Hydrometallurgy</i> , 2014, 141, 89-96.	1.8	66
1225	Simulation based ionic liquid screening for benzene/cyclohexane extractive separation. <i>Chemical Engineering Science</i> , 2014, 113, 45-53.	1.9	55
1226	Supported ionic liquid membranes for water and volatile organic compounds separation: Sorption and permeation properties. <i>Journal of Membrane Science</i> , 2014, 458, 164-178.	4.1	40
1227	Activity coefficients at infinite dilution of organic solutes in 1-hexyl-3-methylimidazolium trifluoroacetate and influence of interfacial adsorption using gas-liquid chromatography. <i>Journal of Chemical Thermodynamics</i> , 2014, 70, 138-146.	1.0	15
1228	A brief overview of the potential environmental hazards of ionic liquids. <i>Ecotoxicology and Environmental Safety</i> , 2014, 99, 1-12.	2.9	510
1229	Synergistic Effect of 1-Butyl-3-methylimidazolium Hexafluorophosphate and DMSO in the SARA ATRP at Room Temperature Affording Very Fast Reactions and Polymers with Very Low Dispersity. <i>ACS Macro Letters</i> , 2014, 3, 544-547.	2.3	26
1230	Complete removal of textile dyes from aqueous media using ionic-liquid-based aqueous two-phase systems. <i>Separation and Purification Technology</i> , 2014, 128, 58-66.	3.9	156
1231	Degradation of polylactide using basic ionic liquid imidazolium acetates. <i>Chemical Papers</i> , 2014, 68, .	1.0	4
1232	Automated in-syringe dispersive liquid-liquid microextraction. <i>TrAC - Trends in Analytical Chemistry</i> , 2014, 59, 1-8.	5.8	75
1233	Imidazolium based ionic liquids: Effects of different anions and alkyl chains lengths on the barley seedlings. <i>Ecotoxicology and Environmental Safety</i> , 2014, 101, 116-123.	2.9	128
1234	Ionic liquid-Pluronic P123 mixed micelle stabilized water-soluble Ni nanoparticles for catalytic hydrogenation. <i>Journal of Colloid and Interface Science</i> , 2014, 415, 117-126.	5.0	37
1235	Ionic liquid-assisted hydrothermal synthesis and excitation wavelength-dependent luminescence of YBO <sub>3</sub> :Eu <sup>3+</sup> nano-/micro-crystals. <i>Journal of Alloys and Compounds</i> , 2014, 590, 61-67.	2.8	23

#	ARTICLE	IF	CITATIONS
1236	Green aspects, developments and perspectives of liquid phase microextraction techniques. <i>Talanta</i> , 2014, 119, 34-45.	2.9	285
1237	Competitive pi interactions and hydrogen bonding within imidazolium ionic liquids. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 3238.	1.3	173
1238	Structuring reductive media containing protic ionic liquids and their application to the formation of metallic nanoparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014, 445, 1-11.	2.3	15
1239	Electrically induced liquid-liquid extraction from organic mixtures with the use of ionic liquids. <i>Chemical Engineering Journal</i> , 2014, 235, 109-123.	6.6	21
1240	Highly efficient separation of rare earths from nickel and cobalt by solvent extraction with the ionic liquid trihexyl(tetradecyl)phosphonium nitrate: a process relevant to the recycling of rare earths from permanent magnets and nickel metal hydride batteries. <i>Green Chemistry</i> , 2014, 16, 1594-1606.	4.6	188
1241	Base stable quaternary ammonium ionic liquids. <i>RSC Advances</i> , 2014, 4, 4472-4477.	1.7	33
1243	Toward a predictive model for estimating viscosity of ternary mixtures containing ionic liquids. <i>Journal of Molecular Liquids</i> , 2014, 200, 340-348.	2.3	127
1244	Determination of sulfonylurea herbicides in soil by ionic liquid-based ultrasonic-assisted extraction high-performance liquid chromatography. <i>Analytical Methods</i> , 2014, 6, 9561-9566.	1.3	11
1245	Anionic and cationic copolymerized ionic liquid-grafted silica as a multifunctional stationary phase for reversed-phase chromatography. <i>Analytical Methods</i> , 2014, 6, 469-475.	1.3	30
1246	Concentration-dependent luminescence of ionic liquids containing trialkyl(pentafluorocyclotriposphazanyl)ammonium moieties. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 22046-22051.	1.3	2
1247	Transferring of red <i>Monascus</i> pigments from nonionic surfactant to hydrophobic ionic liquid by novel microemulsion extraction. <i>Separation and Purification Technology</i> , 2014, 138, 34-40.	3.9	26
1248	Homogeneous liquid-liquid extraction of neodymium(III) by choline hexafluoroacetylacetonate in the ionic liquid choline bis(trifluoromethylsulfonyl)imide. <i>Dalton Transactions</i> , 2014, 43, 11566-11578.	1.6	72
1249	Liquid-liquid extraction of europium(III) and other trivalent rare-earth ions using a non-fluorinated functionalized ionic liquid. <i>Dalton Transactions</i> , 2014, 43, 1862-1872.	1.6	115
1250	Determination of Halide Impurities in Ionic Liquids by Total Reflection X-ray Fluorescence Spectrometry. <i>Analytical Chemistry</i> , 2014, 86, 3931-3938.	3.2	45
1251	Synthesis, Characterization, and Thermophysical Properties of 1,8-Diazobicyclo[5.4.0]undec-7-ene Based Thiocyanate Ionic Liquids. <i>Journal of Chemical &amp; Engineering Data</i> , 2014, 59, 1788-1795.	1.0	57
1252	Molecular Dynamics Investigation of the Vibrational Spectroscopy of Isolated Water in an Ionic Liquid. <i>Journal of Physical Chemistry B</i> , 2014, 118, 8264-8272.	1.2	42
1253	Comparative Study of the Solubilities of SO <sub>2</sub> in Five Low Volatile Organic Solvents (Sulfolane, Ethylene Glycol, Propylene Carbonate, N-Methylimidazole, and Tj ETQq0 0 0 rgBT /Overlock 10 Tf.50 97 Td&lt;i>N</i>-)		
1254	Efficient extraction of gold from water by liquid-liquid extraction or precipitation using hydrophobic ionic liquids. <i>New Journal of Chemistry</i> , 2014, 38, 5573-5581.	1.4	31



#	ARTICLE	IF	CITATIONS
1255	Tunable thermomorphism and applications of ionic liquid analogues of Girard's reagents. <i>Green Chemistry</i> , 2014, 16, 4115-4121.	4.6	24
1256	Separation of rare earths and nickel by solvent extraction with two mutually immiscible ionic liquids. <i>RSC Advances</i> , 2014, 4, 5753.	1.7	66
1257	Ionic liquid dispersive liquid-liquid microextraction combined with high performance liquid chromatography for determination of tetracycline drugs in eggs. <i>Analytical Methods</i> , 2014, 6, 6459-6466.	1.3	23
1258	Synthesis, Characterization, and Properties of Ether-Functionalized 1,3-Dialkylimidazolium Ionic Liquids. <i>Industrial &amp; Engineering Chemistry Research</i> , 2014, 53, 16633-16643.	1.8	32
1259	Effect of the Cation on the Interactions between Alkyl Methyl Imidazolium Chloride Ionic Liquids and Water. <i>Journal of Physical Chemistry B</i> , 2014, 118, 10503-10514.	1.2	58
1260	Temperature-Assisted Removal of Triphenylmethane Dyes from Water with Novel Hydrophobic Benzothiazolium Ionic Liquids. <i>Separation Science and Technology</i> , 2014, 49, 146-153.	1.3	7
1261	Introduction of an ordered porous polymer network into a ceramic alumina membrane via non-hydrolytic sol-gel methodology for targeted dynamic separation. <i>RSC Advances</i> , 2014, 4, 38630-38642.	1.7	4
1262	Molecular Structure and Interactions in the Ionic Liquid 1-Ethyl-3-methylimidazolium Bis(Trifluoromethylsulfonyl)imide. <i>Journal of Physical Chemistry A</i> , 2014, 118, 2547-2557.	1.1	90
1263	Deconstructing ionic liquids in ionogels: enhanced fragility for solid devices. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 23639-23645.	1.3	51
1264	Solvation free energies in [bmim]-based ionic liquids: Anion effect toward solvation of amino acid side chain analogues. <i>Chemical Physics Letters</i> , 2014, 615, 69-74.	1.2	11
1265	Ionic liquids and ultrasound in combination: synergies and challenges. <i>Chemical Society Reviews</i> , 2014, 43, 8132-8149.	18.7	118
1266	Solvent extraction of europium(III) to a fluorine-free ionic liquid phase with a diglycolamic acid extractant. <i>RSC Advances</i> , 2014, 4, 11899-11906.	1.7	42
1267	Toxicity Measurement of Imidazolium Ionic Liquids Using Acute Toxicity Test. <i>Procedia Chemistry</i> , 2014, 9, 40-52.	0.7	41
1268	Introduction of an Ionic Liquid into the Micropores of a Metal-Organic Framework and Its Anomalous Phase Behavior. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 11302-11305.	7.2	142
1269	Absorption of Hydrophobic Volatile Organic Compounds in Ionic Liquids and Their Biodegradation in Multiphase Systems. <i>Biofuels and Biorefineries</i> , 2014, , 305-337.	0.5	2
1270	Functionalized phosphonium based ionic liquids: properties and application in metal extraction. <i>RSC Advances</i> , 2014, 4, 38848-38854.	1.7	15
1271	Deep eutectic solvents as novel extraction media for phenolic compounds from model oil. <i>Chemical Communications</i> , 2014, 50, 11749-11752.	2.2	121
1272	Ionic liquid solutions as extractive solvents for value-added compounds from biomass. <i>Green Chemistry</i> , 2014, 16, 4786-4815.	4.6	357

#	ARTICLE	IF	CITATIONS
1273	Update 1 of: Ionic Liquids in Heterocyclic Synthesis. <i>Chemical Reviews</i> , 2014, 114, PR1-PR70.	23.0	103
1274	Liquidâ€“Liquid Extraction of BTEX from Reformer Gasoline Using Binary Mixtures of [4empy][Tf<sub>2</sub>N] and [emim][DCA] Ionic Liquids. <i>Energy &amp; Fuels</i> , 2014, 28, 6666-6676.	2.5	50
1275	Mechanistic Investigation on Dynamic Interfacial Tension Between Crude Oil and Ionic Liquid Using Mass Transfer Concept. <i>Journal of Dispersion Science and Technology</i> , 2014, 35, 1483-1491.	1.3	35
1276	Interplay of Phase Separation, Tail Aggregation, and Micelle Formation in the Nanostructured Organization of Hydrated Imidazolium Ionic Liquid. <i>Journal of Physical Chemistry B</i> , 2014, 118, 8839-8847.	1.2	28
1277	Application of Aqueous Two-Phase Systems for the Recovery of Bioactive Low-Molecular Weight Compounds. <i>Separation Science and Technology</i> , 2014, 49, 1872-1882.	1.3	21
1278	Ionic liquids as reactive additives for the preparation and modification of epoxy networks. <i>Journal of Polymer Science Part A</i> , 2014, 52, n/a-n/a.	2.5	25
1279	Ionic liquid-based dispersive microextraction of nitrotoluenes in water samples. <i>Mikrochimica Acta</i> , 2014, 181, 1191-1198.	2.5	16
1280	Task-specific ionic liquid tetraalkylammonium hydrogen phthalate as an extractant for U(VI) extraction from aqueous media. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2014, 300, 853-858.	0.7	27
1282	Experimental and theoretical study of interaction between organic compounds and 1-(4-sulfobutyl)-3-methylimidazolium based ionic liquids. <i>Fluid Phase Equilibria</i> , 2014, 378, 34-43.	1.4	8
1283	An insight into structure and stability of DNA in ionic liquids from molecular dynamics simulation and experimental studies. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 14036-14046.	1.3	63
1284	Distribution of a Monovalent Anion in Various Ionic Liquid/Water Biphasic Systems: Relationship of the Distribution Ratio of Picrate Ions with the Aqueous Solubility of Ionic Liquids. <i>Journal of Chemical &amp; Engineering Data</i> , 2014, 59, 696-701.	1.0	19
1285	Influence of the number, position and length of the alkyl-substituents on the solubility of water in pyridinium-based ionic liquids. <i>Fluid Phase Equilibria</i> , 2014, 383, 72-77.	1.4	11
1286	Development of a modified van der Waals-type equation of state for pure and mixture of ionic liquids. <i>Journal of Molecular Liquids</i> , 2014, 198, 101-106.	2.3	8
1287	Fast synthesis of mesoporous $\gamma$ -alumina assisted by a room temperature ionic liquid and its use as a support for the promotional catalytic performance of dibenzothiophene hydrodesulfurization. <i>RSC Advances</i> , 2014, 4, 10221.	1.7	11
1288	Solubilities and Thermodynamic Study of Carbon Tetrachloride in Imidazolium Ionic Liquids at Different Temperatures. <i>Journal of Chemical &amp; Engineering Data</i> , 2014, 59, 672-677.	1.0	1
1289	Selective extraction of vanadium from chromium by pure [C8mim][PF6]: An anion exchange process. <i>Separation and Purification Technology</i> , 2014, 131, 94-101.	3.9	47
1290	Polyimide/ionic liquid composite membranes for fuel cells operating at high temperatures. <i>Electrochimica Acta</i> , 2014, 130, 830-840.	2.6	36
1291	New dicationic piperidinium hexafluorophosphate ILs, synthesis, characterization and dielectric measurements. <i>Arabian Journal of Chemistry</i> , 2014, 7, 781-787.	2.3	16

#	ARTICLE	IF	CITATIONS
1292	SO <sub>2</sub> absorption in acid salt ionic liquids/sulfolane binary mixtures: Experimental study and thermodynamic analysis. <i>Chemical Engineering Journal</i> , 2014, 237, 478-486.	6.6	121
1293	Testing solubility data of H <sub>2</sub> S and SO <sub>2</sub> in ionic liquids for sulfur-removal processes. <i>Fluid Phase Equilibria</i> , 2014, 375, 152-160.	1.4	36
1294	Synthesis of 1,4-dienes by Pd(II)-catalyzed haloallylation of alkynes with allylic alcohols in ionic liquids. <i>Tetrahedron</i> , 2014, 70, 1516-1523.	1.0	20
1295	Solvent Extraction of Neodymium(III) by Functionalized Ionic Liquid Trioctylmethylammonium Dioctyl Diglycolamate in Fluorine-free Ionic Liquid Diluent. <i>Industrial &amp; Engineering Chemistry Research</i> , 2014, 53, 6500-6508.	1.8	124
1296	Luminescent lanthanide-polyoxometalates assembling zirconia/alumina/titania hybrid xerogels through task-specified ionic liquid linkage. <i>RSC Advances</i> , 2014, 4, 1735-1743.	1.7	28
1297	Synthesis, CMC determination, nucleic acid binding and cytotoxicity of a surfactant-cobalt(III) complex: effect of ionic liquid additive. <i>New Journal of Chemistry</i> , 2014, 38, 366-375.	1.4	27
1298	Chiral ionic liquids in chromatographic and electrophoretic separations. <i>Journal of Chromatography A</i> , 2014, 1363, 2-10.	1.8	77
1299	Application and mechanism of carrier facilitated carbohydrate extraction from aqueous solution. <i>Separation and Purification Technology</i> , 2014, 132, 438-445.	3.9	12
1300	Reprint of: Simulation based ionic liquid screening for benzene/cyclohexane extractive separation. <i>Chemical Engineering Science</i> , 2014, 115, 186-194.	1.9	48
1301	Solute-solvent interactions of alkyl acetoacetates in aqueous {1-butyl-3-methylimidazolium bromide [bmim][Br]} ionic liquid solutions in the temperature interval (288.15-308.15)K. <i>Thermochimica Acta</i> , 2014, 577, 79-86.	1.2	4
1302	Efficient and Versatile Anion Metathesis Reaction for Ionic Liquid Preparation by Using Conjugate Acid and Ortho Ester. <i>Bulletin of the Chemical Society of Japan</i> , 2014, 87, 974-981.	2.0	5
1303	Facile Preparation of Ionic Liquid Containing Silsesquioxane Framework. <i>Bulletin of the Chemical Society of Japan</i> , 2014, 87, 155-159.	2.0	27
1306	Preparation of Imidazolium Salt Type Ionic Liquids Containing Cyclic Siloxane Frameworks. <i>Chemistry Letters</i> , 2015, 44, 1362-1364.	0.7	14
1308	Controllable Phase Separation by Boc-Modified Lipophilic Acid as a Multifunctional Extractant. <i>Scientific Reports</i> , 2015, 5, 17509.	1.6	4
1309	Liquid-liquid phase split in ionic liquid-toluene mixtures induced by CO <sub>2</sub> . <i>AIChE Journal</i> , 2015, 61, 2968-2976.	1.8	11
1310	Nonaqueous Lyotropic Ionic Liquid Crystals: Preparation, Characterization, and Application in Extraction. <i>Chemistry - A European Journal</i> , 2015, 21, 9150-9156.	1.7	29
1311	Selective Single-Step Separation of a Mixture of Three Metal Ions by a Triphasic Ionic-Liquid-Water-Ionic-Liquid Solvent Extraction System. <i>Chemistry - A European Journal</i> , 2015, 21, 11757-11766.	1.7	20
1312	Simulation Study of the Volume Properties and Diffusion of 1-Butyl-3-Methylimidazolium Tetrafluoroborate/Ethanol Mixture. <i>Advanced Materials Research</i> , 0, 1095, 363-366.	0.3	0

#	ARTICLE	IF	CITATIONS
1313	Facile Immobilization of a Lewis Acid Polyoxometalate onto Layered Double Hydroxides for Highly Efficient Na <sup>+</sup> Oxidation of Pyridine-Based Derivatives and Denitrogenation. <i>ChemCatChem</i> , 2015, 7, 3903-3910.	1.8	17
1314	Preparation of Polymeric Membranes and Microcapsules Using an Ionic Liquid as Morphology Control Additive. <i>Macromolecular Symposia</i> , 2015, 357, 159-167.	0.4	22
1315	Ionic Liquid-Based Optical and Electrochemical Carbon Dioxide Sensors. <i>Sensors</i> , 2015, 15, 30487-30503.	2.1	65
1316	Ionic liquid/water mixture promoted organic transformations. <i>RSC Advances</i> , 2015, 5, 51035-51054.	1.7	47
1317	Water-soluble complexes of hydrophobically modified polymer and surface active imidazolium-based ionic liquids for enhancing oil recovery. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015, 471, 45-53.	2.3	37
1318	Recycling and recovery of ammonium-based ionic liquids after extraction of metal cations from aqueous solutions. <i>Separation and Purification Technology</i> , 2015, 155, 110-117.	3.9	24
1319	Phenomenological Transition of an Aluminum Surface in an Ionic Liquid and Its Beneficial Implementation in Batteries. <i>Langmuir</i> , 2015, 31, 13860-13866.	1.6	21
1320	Ionic Liquid as Green Solvent for Leaching of Polycyclic Aromatic Hydrocarbons from Petroleum Source Rock. <i>Industrial &amp; Engineering Chemistry Research</i> , 2015, 54, 12960-12965.	1.8	11
1321	Synthesis and Oxidative Desulfurization of PV-Functionalized Imidazole-2-thiones: Easy Access to P-Functional Ionic Liquids. <i>Australian Journal of Chemistry</i> , 2015, 68, 1282.	0.5	10
1322	Combined Raman Scattering and X-ray Diffraction Study of Phase Transition of the Ionic Liquid [BMIM][TFSI] Under High Pressure. <i>Journal of Solution Chemistry</i> , 2015, 44, 2106-2116.	0.6	18
1323	Extraction of Metal Ions with Task Specific Ionic Liquids: Influence of a Coordinating Anion. <i>Separation Science and Technology</i> , 2015, 50, 38-44.	1.3	42
1324	Dual Recognition Unit Strategy Improves the Specificity of the Adenosine Triphosphate (ATP) Aptamer Biosensor for Cerebral ATP Assay. <i>Analytical Chemistry</i> , 2015, 87, 1373-1380.	3.2	86
1325	Solubility of Diosgenin in Several Imidazolium-Based Ionic Liquids. <i>Journal of Chemical &amp; Engineering Data</i> , 2015, 60, 11-15.	1.0	1
1326	Preparation, characterization and application of succinimidinium hydrogensulfate ([H-Suc]HSO <sub>4</sub> ) as an efficient ionic liquid catalyst for the N-Boc protection of amines. <i>RSC Advances</i> , 2015, 5, 19790-19798.	1.7	40
1327	Treatment of energetic material contaminated wastewater using ionic liquids. <i>RSC Advances</i> , 2015, 5, 20503-20510.	1.7	10
1328	Experimental and DFT Studies on the Aggregation Behavior of Imidazolium-Based Surface-Active Ionic Liquids with Aromatic Counterions in Aqueous Solution. <i>Langmuir</i> , 2015, 31, 1272-1282.	1.6	65
1329	Extraction of Naphthenic Acid from Highly Acidic Oil Using Hydroxide-Based Ionic Liquids. <i>Energy &amp; Fuels</i> , 2015, 29, 106-111.	2.5	61
1330	Extraction of Gold(III) from Acidic Chloride Media Using Phosphonium-based Ionic Liquid as an Anion Exchanger. <i>Industrial &amp; Engineering Chemistry Research</i> , 2015, 54, 1350-1358.	1.8	75

#	ARTICLE	IF	CITATIONS
1331	Long-Chain Fatty Acid-Based Phosphonium Ionic Liquids with Strong Hydrogen-Bond Basicity and Good Lipophilicity: Synthesis, Characterization, and Application in Extraction. <i>ACS Sustainable Chemistry and Engineering</i> , 2015, 3, 309-316.	3.2	73
1332	The accurate estimation of physicochemical properties of ternary mixtures containing ionic liquids via artificial neural networks. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 4533-4537.	1.3	12
1333	The role of water in cholinium carboxylate ionic liquid's aqueous solutions. <i>Journal of Chemical Thermodynamics</i> , 2015, 84, 93-100.	1.0	22
1334	Acoustic, volumetric, and optic study of binary mixture of 1-butyl-3-methylimidazolium tetrafluoroborate with propylene glycols at T=(298.15 to 323.15) K. <i>Journal of Molecular Liquids</i> , 2015, 206, 350-358.	2.3	42
1335	Design and Synthesis of Thermoresponsive Ionic Liquid Polymer in Acetonitrile as a Reusable Extractant for Separation of Tocopherol Homologues. <i>Macromolecules</i> , 2015, 48, 915-924.	2.2	40
1336	Influence of the ionic liquid cation on the solvent extraction of trivalent rare-earth ions by mixtures of Cyanex 923 and ionic liquids. <i>Dalton Transactions</i> , 2015, 44, 1379-1387.	1.6	100
1337	Mutual solubilities between water and non-aromatic sulfonium-, ammonium- and phosphonium-hydrophobic ionic liquids. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 4569-4577.	1.3	58
1338	Density, Speed of Sound, Viscosity, and Excess Properties of Binary Mixtures Formed by Ethanol and Bis(trifluorosulfonyl)imide-Based Ionic Liquids. <i>Journal of Chemical &amp; Engineering Data</i> , 2015, 60, 525-540.	1.0	88
1339	Study of Nanostructural Organization of Ionic Liquids by Electron Paramagnetic Resonance Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2015, 119, 3185-3193.	1.2	8
1340	An effective biphasic system accelerates hesperidinase-catalyzed conversion of rutin to isoquercitrin. <i>Scientific Reports</i> , 2015, 5, 8682.	1.6	20
1341	Solubility of 3,3'-Oxi-bis[1-methyl-imidazolium] Dihexafluorophosphate in Water, Methanol, Ethanol, Acetone, and Acetonitrile and Binary Mixtures (Water + DMF) from (283.00 to Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50		
1342	Ionic Liquids as Extractor Agents and Reaction Media in Ester Synthesis. <i>ChemBioEng Reviews</i> , 2015, 2, 44-53.	2.6	10
1343	Task-specific ionic liquids incorporating alkyl phosphate cations for extraction of U(VI) from nitric acid medium: synthesis, characterization, and extraction performance. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2015, 303, 433-440.	0.7	15
1344	Potentiostatic electro-deposition of <sup>241</sup> Am using room temperature ionic liquids. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2015, 303, 647-653.	0.7	3
1345	The Laws Governing Ionic Liquid Extraction of Cations: Partition of 1-Ethylpyridinium Monocation and Paraquat Dication in Ionic Liquid/Water Biphasic Systems. <i>Journal of Physical Chemistry B</i> , 2015, 119, 6317-6325.	1.2	15
1346	Simple one step synthesis of gemini cationic surfactant-based ionic liquids: Physicochemical, surface properties and biological activity. <i>Journal of Molecular Liquids</i> , 2015, 209, 320-326.	2.3	39
1347	Dendritic nanofibers of gold formed by the electron transfer at the interface between water and a highly hydrophobic ionic liquid. <i>Chemical Communications</i> , 2015, 51, 13638-13641.	2.2	35
1348	Microscopic Solvation Structure of Glucose in 1-Ethyl-3-methylimidazolium Methylphosphonate Ionic Liquid. <i>Journal of Physical Chemistry B</i> , 2015, 119, 6262-6270.	1.2	9

#	ARTICLE	IF	CITATIONS
1349	Solubility of Isobutane in Ionic Liquids [BMIm][PF <sub>6</sub> ], [BMIm][BF <sub>4</sub> ], and [BMIm][Tf <sub>2</sub> N]. <i>Journal of Chemical &amp; Engineering Data</i> , 2015, 60, 1706-1714.	1.0	27
1350	Preparation and evaluation of silica-based N-octylimidazolium stationary phases for HPLC. <i>Analytical Methods</i> , 2015, 7, 5074-5080.	1.3	6
1351	Towards basic ionic liquid-based hybrid membranes as hydroxide-conducting electrolytes under low humidity conditions. <i>Chemical Communications</i> , 2015, 51, 12629-12632.	2.2	23
1352	Diglycolamide-Based Solvent Systems in Room Temperature Ionic Liquids for Actinide Ion Extraction: A Review. <i>Chemical Product and Process Modeling</i> , 2015, 10, 135-145.	0.5	44
1353	Selective Separation of Aromatics from Paraffins and Cycloalkanes Using Morpholinium-Based Ionic Liquid. <i>Journal of Chemical &amp; Engineering Data</i> , 2015, 60, 1634-1641.	1.0	21
1354	Studies on the Extraction of Actinides Using a Solvent Containing D2EHIBA in Room Temperature Ionic Liquids: Unusual Extraction of the Tetravalent Ions. <i>Separation Science and Technology</i> , 2015, 50, 373-379.	1.3	14
1355	Phase behavior of a nonaqueous ternary microemulsion containing ethylammonium nitrate, TX-100, and cyclohexane. <i>Colloid and Polymer Science</i> , 2015, 293, 1475-1481.	1.0	8
1356	Np(IV) complex with task-specific ionic liquid based on CMPO: first cyclic voltammetric study. <i>Monatshefte für Chemie</i> , 2015, 146, 1815-1821.	0.9	8
1357	The Solution Structure of 1:2 Phenol/N-Methylpyridinium bis{(trifluoromethyl)sulfonyl}imide Liquid Mixtures. <i>Journal of Solution Chemistry</i> , 2015, 44, 621-633.	0.6	10
1358	Extracted species of Np(IV) complex with diglycolamide functionalized task specific ionic liquid: diffusion, kinetics and thermodynamics by cyclic voltammetry. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2015, 304, 563-570.	0.7	17
1359	Phase diagrams of binary systems containing tricyanomethanide-based ionic liquids and thiophene or pyridine—New experimental data and PC-SAFT modelling. <i>Fluid Phase Equilibria</i> , 2015, 399, 105-114.	1.4	20
1360	Synthesis, characterization, physical and thermodynamic properties of diazobicyclo undecene based dicyanamide ionic liquids. <i>Journal of Molecular Liquids</i> , 2015, 208, 253-258.	2.3	28
1361	Low-viscous fluorine-substituted phenolic ionic liquids with high performance for capture of CO <sub>2</sub> . <i>Chemical Engineering Journal</i> , 2015, 274, 30-38.	6.6	73
1362	Esterification of carboxylic acids with alkyl halides using imidazolium based dicationic ionic liquids containing bis-trifluoromethane sulfonimide anions at room temperature. <i>RSC Advances</i> , 2015, 5, 26197-26208.	1.7	28
1363	An ionic liquid-based synergistic extraction strategy for rare earths. <i>Green Chemistry</i> , 2015, 17, 2981-2993.	4.6	77
1364	Synthesis of pyridine-based task-specific ionic liquid with alkyl phosphate cation and extraction performance for uranyl ion. <i>Ionics</i> , 2015, 21, 2551-2556.	1.2	14
1365	Solution Thermodynamics of Imidazolium-Based Ionic Liquids and Volatile Organic Compounds: Benzene and Acetone. <i>Journal of Chemical &amp; Engineering Data</i> , 2015, 60, 1600-1607.	1.0	28
1366	Nonadiabatic Spin-Orbit Excitation Dynamics in Quantum-State-Resolved NO( <sup>2</sup> Σ <sup>+</sup> <sub>1/2</sub> ) Scattering at the Gas-Phase Room Temperature Ionic Liquid Interface. <i>Journal of Physical Chemistry C</i> , 2015, 119, 8596-8607.	1.5	15



#	ARTICLE	IF	CITATIONS
1367	Preparation of imidazolium-type ionic liquids containing silsesquioxane frameworks and their thermal and ion-conductive properties. <i>RSC Advances</i> , 2015, 5, 15226-15232.	1.7	40
1368	Evaluation of Thermophysical Properties of Imidazolium-Based Phenolate Ionic Liquids. <i>Industrial &amp; Engineering Chemistry Research</i> , 2015, 54, 3697-3705.	1.8	28
1369	Synthesis of 1,2,4,5-tetrasubstituted imidazoles using 2,6-dimethylpyridinium trinitromethanide {[2,6-DMPyH]C(NO <sub>2</sub> ) <sub>3</sub> } as a novel nanostructured molten salt and green catalyst. <i>RSC Advances</i> , 2015, 5, 32933-32940.	1.7	55
1370	Synthesis and Thermophysical Properties of Hydrogensulfate Based Acidic Ionic Liquids. <i>Journal of Solution Chemistry</i> , 2015, 44, 875-889.	0.6	40
1371	Lewis Acidity/Basicity Changes in Imidazolium Based Ionic Liquids Brought About by Impurities. <i>Journal of Physical Chemistry B</i> , 2015, 119, 13160-13166.	1.2	9
1372	Ionic liquids in bioanalysis. <i>Bioanalysis</i> , 2015, 7, 2251-2264.	0.6	8
1373	Densities and Viscosities of Binary Mixtures of 2-Ethyl-1,1,3,3-tetramethylguanidinium Ionic Liquids with Ethanol and 1-Propanol. <i>Journal of Chemical &amp; Engineering Data</i> , 2015, 60, 2618-2628.	1.0	24
1374	Environmental Application, Fate, Effects, and Concerns of Ionic Liquids: A Review. <i>Environmental Science &amp; Technology</i> , 2015, 49, 12611-12627.	4.6	384
1375	Lithium Ion Diffusion in a Metal-Organic Framework Mediated by an Ionic Liquid. <i>Chemistry of Materials</i> , 2015, 27, 7355-7361.	3.2	165
1376	Separation of Co(II) and Ni(II) from aqueous solutions by bis(2,4,4-trimethylpentyl)phosphinic acid (Cyanex 272) using trihexyl(tetradecyl)phosphonium chloride (Cyphos IL 101) as solvent. <i>Journal of Molecular Liquids</i> , 2015, 209, 203-208.	2.3	27
1377	Selone behavior towards palladium(II) extraction with hydrophobic ionic liquids and mechanism studies. <i>RSC Advances</i> , 2015, 5, 63087-63094.	1.7	24
1378	Industrial Applications of Ionic Liquids. , 2015, , 563-603.		6
1379	From industrial black liquor to pure phenolic compounds: A combination of catalytic conversion with ionic liquids extraction. <i>Applied Catalysis A: General</i> , 2015, 502, 230-238.	2.2	7
1380	Water sorption properties of room-temperature ionic liquids over the whole range of water activity and molecular states of water in these media. <i>RSC Advances</i> , 2015, 5, 76927-76938.	1.7	18
1381	Selective separation of zwitterionic phospholipid homologues with functional ionic liquids as extractants. <i>RSC Advances</i> , 2015, 5, 77581-77588.	1.7	8
1382	Ionic liquid 1-hexyl-3-methylimidazolium hexafluorophosphate, an efficient solvent for extraction of acetone from aqueous solutions. <i>Journal of Chemical Thermodynamics</i> , 2015, 91, 404-413.	1.0	21
1383	Extraction of U(VI), Th(IV), and Lanthanides(III) from Nitric Acid Solutions with CMPO-Functionalized Ionic Liquid in Molecular Diluents. <i>Solvent Extraction and Ion Exchange</i> , 2015, 33, 540-553.	0.8	13
1384	Study of imidazolium dicationic ionic liquids by Raman and FTIR spectroscopies: The effect of the nature of the anion. <i>Journal of Molecular Structure</i> , 2015, 1083, 179-186.	1.8	61

#	ARTICLE	IF	CITATIONS
1385	Efficient Aerobic Oxidative Synthesis of Benzimidazoles with Fe(III) based PEG <sub>1000</sub> Dicationic Imidazolium Ionic Liquid/toluene Temperature-Dependent Biphasic System. Journal of the Chinese Chemical Society, 2015, 62, 103-106.	0.8	5
1386	Synthesis and characterization of multi-walled carbon nanotubes-supported dibenzo-14-crown-4 ether with proton ionizable carboxyl sidearm as Li <sup>+</sup> adsorbents. Chemical Engineering Journal, 2015, 264, 89-98.	6.6	56
1387	Solvation properties of acetaminophen in aqueous ionic liquid, 1-hexyl-3-methylimidazolium bromide, solutions at different temperatures. Journal of Molecular Liquids, 2015, 202, 86-94.	2.3	34
1388	Photoluminescent hybrid materials of lanthanide (Eu <sup>3+</sup> , Sm <sup>3+</sup> ) polyoxometalates and polymer resin through ionic liquid linker. Colloid and Polymer Science, 2015, 293, 817-822.	1.0	7
1389	Efficient separation of vanadium from chromium by a novel ionic liquid-based synergistic extraction strategy. Chemical Engineering Journal, 2015, 264, 487-496.	6.6	74
1390	Viscosity estimation of binary mixtures of ionic liquids through a multi-layer perceptron model. Journal of Industrial and Engineering Chemistry, 2015, 21, 1350-1353.	2.9	20
1391	Understanding the Dynamics of Eu <sup>3+</sup> Ions in Room-Temperature Ionic Liquids: Electrochemical and Time-Resolved Fluorescence Spectroscopy Studies. European Journal of Inorganic Chemistry, 2015, 2015, 104-111.	1.0	20
1392	Ionic Liquid-Solute Interactions Studied by 2D NOE NMR Spectroscopy. Journal of Physical Chemistry B, 2015, 119, 9225-9235.	1.2	29
1393	Pot-in-pot reactions: a simple and green approach to efficient organic synthesis. RSC Advances, 2015, 5, 597-607.	1.7	22
1394	The effect of an ionic liquid on the rate of reaction at a phosphorus centre. New Journal of Chemistry, 2015, 39, 213-219.	1.4	23
1395	Liquid-liquid extraction of Li <sup>+</sup> using mixed ion carrier system at room temperature ionic liquid. Desalination and Water Treatment, 2015, 53, 2774-2781.	1.0	23
1396	Prediction of gas-to-ionic liquid partition coefficient of organic solutes dissolved in 1-(2-methoxyethyl)-1-methylpyrrolidinium tris(pentafluoroethyl)trifluorophosphate using QSPR approaches. Journal of Molecular Liquids, 2015, 201, 21-29.	2.3	11
1397	Direct ionic liquid extractant injection for volatile chemical analysis: a gas chromatography sampling technique. Green Chemistry, 2015, 17, 573-581.	4.6	14
1398	Low pressure solubilities of CO <sub>2</sub> in guanidinium trifluoromethanesulfonate-MDEA systems. Fluid Phase Equilibria, 2015, 385, 79-91.	1.4	23
1399	CuO nanostructures: Optical properties and morphology control by pyridinium-based ionic liquids. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 135, 662-668.	2.0	47
1400	Cs <sub>2.5</sub> H <sub>0.5</sub> PW <sub>12</sub> O <sub>40</sub> -catalyzed conjugate addition of indole to $\alpha,\beta$ -unsaturated ketones. Arabian Journal of Chemistry, 2016, 9, S659-S662.	2.3	1
1401	The Effect of Microporous Polymeric Support Modification on Surface and Gas Transport Properties of Supported Ionic Liquid Membranes. Membranes, 2016, 6, 4.	1.4	39
1402	Application of Ionic Liquids in Pot-in-Pot Reactions. Molecules, 2016, 21, 272.	1.7	4

#	ARTICLE	IF	CITATIONS
1403	Nitrogen versus phosphorus nucleophiles – how changing the nucleophilic heteroatom affects ionic liquid solvent effects in bimolecular nucleophilic substitution processes. <i>New Journal of Chemistry</i> , 2016, 40, 7437-7444.	1.4	29
1404	Microwave-Assisted Organic Synthesis in Ionic Liquids. <i>Journal of Heterocyclic Chemistry</i> , 2016, 53, 1697-1705.	1.4	21
1405	Quest for sustainable bio-production and recovery of butanol as a promising solution to fossil fuel. <i>International Journal of Energy Research</i> , 2016, 40, 411-438.	2.2	16
1406	The effect of the structure of the cation of an ionic liquid on the rate of reaction at a phosphorus centre. <i>Journal of Physical Organic Chemistry</i> , 2016, 29, 700-708.	0.9	12
1407	CO <sub>2</sub> -Assisted Back-Extraction Method for Ionic Liquid Biphasic Systems. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 4403-4410.	3.2	2
1408	Biodegradability of imidazolium, pyridinium, piperidinium and pyrrolidinium based ionic liquid in different water source. <i>AIP Conference Proceedings</i> , 2016, , .	0.3	6
1409	Extraction behavior of bifunctional ionic liquid [N1888][SOPAA] and TBP for rare earth elements. <i>Journal of Rare Earths</i> , 2016, 34, 1252-1259.	2.5	21
1410	Extracting Lithium from the High Concentration Ratio of Magnesium and Lithium Brine Using Imidazolium-Based Ionic Liquids with Varying Alkyl Chain Lengths. <i>Journal of Chemical Engineering of Japan</i> , 2016, 49, 104-110.	0.3	37
1411	Solvation behavior of monosaccharides in aqueous protic ionic liquid solutions: Volumetric, calorimetric and NMR spectroscopic studies. <i>Fluid Phase Equilibria</i> , 2016, 421, 24-32.	1.4	13
1412	Extraction desulfurization of fuels with –metal ions™ based deep eutectic solvents (MDESs). <i>Green Chemistry</i> , 2016, 18, 3789-3795.	4.6	124
1413	Novel phosphorus-containing halogen-free ionic liquids: effect of sulfonate anion size on physical properties, biocompatibility, and flame retardancy. <i>RSC Advances</i> , 2016, 6, 52485-52494.	1.7	23
1414	Efficient separation of transition metals from rare earths by an undiluted phosphonium thiocyanate ionic liquid. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 16039-16045.	1.3	49
1415	Surface adsorption and micelle formation of surfactant N-alkyl-N-methylmorpholinium bromide in aqueous solutions. <i>Journal of Molecular Liquids</i> , 2016, 220, 442-447.	2.3	13
1416	Purification of indium by solvent extraction with undiluted ionic liquids. <i>Green Chemistry</i> , 2016, 18, 4116-4127.	4.6	69
1417	N-methyl-2-pyrrolidonium-based Brønsted-Lewis acidic ionic liquids as catalysts for the hydrolysis of cellulose. <i>Science China Chemistry</i> , 2016, 59, 564-570.	4.2	14
1418	Solvent extraction of uranyl ion with 4-oxaheptanediamide into ionic liquid system from HNO <sub>3</sub> solution. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2016, 310, 703-709.	0.7	8
1419	Synergistic extraction of uranium(VI) with TODGA and hydrophobic ionic liquid mixtures into molecular diluent. <i>Separation and Purification Technology</i> , 2016, 164, 97-106.	3.9	35
1420	Liquid phase microextraction based on the solidification of a floating ionic liquid combined with high-performance liquid chromatography for the preconcentration of phthalate esters in environmental waters and in bottled beverages. <i>RSC Advances</i> , 2016, 6, 36223-36230.	1.7	16

#	ARTICLE	IF	CITATIONS
1421	Continuous process for selective metal extraction with an ionic liquid. <i>Chemical Engineering Research and Design</i> , 2016, 109, 553-560.	2.7	38
1422	Determination and Correlation of the Solubility for Berberine Chloride in Pure Imidazolium-Based Ionic Liquids. <i>Journal of Chemical &amp; Engineering Data</i> , 2016, 61, 1829-1835.	1.0	4
1423	Thermodynamic modelling of liquid-liquid extraction of naphthenic acid from dodecane using imidazolium based phenolate ionic liquids. <i>Journal of Molecular Liquids</i> , 2016, 219, 513-525.	2.3	28
1424	Regioselective alkylation of 1,2,4-triazole using ionic liquids under microwave conditions. <i>Green Processing and Synthesis</i> , 2016, 5, 233-237.	1.3	5
1425	Development of a dispersive liquid-liquid microextraction method using a lighter-than-water ionic liquid for the analysis of polycyclic aromatic hydrocarbons in water. <i>Journal of Separation Science</i> , 2016, 39, 4209-4218.	1.3	10
1426	Structural behavior of the lamellar mesophase formed by ternary mixtures of a two-tailed ionic liquid, 1-decanol and water. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 509, 174-181.	2.3	4
1427	Effervescence-assisted dispersive liquid-liquid microextraction based on the solidification of a floating ionic liquid with a special collection method for the rapid determination of benzoylurea insecticides in water samples. <i>RSC Advances</i> , 2016, 6, 95283-95291.	1.7	34
1428	Ionic liquid based microextraction of targeted lipids from serum using UPLC-MS/MS with a chemometric approach: a pilot study. <i>RSC Advances</i> , 2016, 6, 91629-91640.	1.7	6
1429	Hydrothermal syntheses of CuO, CuO/Cu <sub>2</sub> O, Cu <sub>2</sub> O, Cu <sub>2</sub> O/Cu and Cu microcrystals using ionic liquids. <i>Chemical Research in Chinese Universities</i> , 2016, 32, 530-533.	1.3	8
1430	Theoretical investigation on structural and physicochemical properties of some ionic liquids. <i>Computational and Theoretical Chemistry</i> , 2016, 1092, 68-73.	1.1	10
1431	Self-aggregation Behavior of Dialkyl Imidazolium based Ionic Liquids in Aqueous Medium: Effect of Alkyl Chain Length. <i>ChemistrySelect</i> , 2016, 1, 2458-2470.	0.7	16
1432	Enhancement of $\pi$ - $\pi$ aromatic interactions between hydrophobic Ionic Liquids and Methylene Blue for an optimum removal efficiency and assessment of toxicity by microbiological method. <i>Journal of Cleaner Production</i> , 2016, 137, 1149-1157.	4.6	18
1433	Solvation of C <sub>60</sub> Fullerene and C <sub>60</sub> F <sub>48</sub> Fluorinated Fullerene in Molecular and Ionic Liquids. <i>Journal of Physical Chemistry C</i> , 2016, 120, 19396-19408.	1.5	11
1434	Comparison of different microreactors for solvent-free, continuous synthesis of [EMIM][EtSO <sub>4</sub> ] ionic liquid: An experimental and CFD study. <i>Journal of Molecular Liquids</i> , 2016, 222, 622-631.	2.3	11
1435	Tailor-made thermoreversible functional polymer via RAFT polymerization in an ionic liquid: a remarkably fast polymerization process. <i>Green Chemistry</i> , 2016, 18, 6115-6122.	4.6	30
1436	Interactions of [BMIM][BF <sub>4</sub> ] with Metal Oxides and Their Consequences on Stability Limits. <i>Journal of Physical Chemistry C</i> , 2016, 120, 20089-20102.	1.5	33
1437	Removal of pharmaceuticals and personal care products (PPCPs) from wastewater: A review. <i>Journal of Environmental Management</i> , 2016, 182, 620-640.	3.8	1,037
1438	Sequestration ability of task specific ionic liquids towards cations of environmental interest. <i>Journal of Molecular Liquids</i> , 2016, 223, 174-181.	2.3	15

#	ARTICLE	IF	CITATIONS
1440	Preparation of Dendritic Gold Nanofibers Using a Redox Reaction at the Interface between an Ionic Liquid and Water: Correlation between Viscosity and Nanostructure. <i>Bunseki Kagaku</i> , 2016, 65, 157-161.	0.1	10
1441	Preparation of a Thermally Stable Room Temperature Ionic Liquid Containing Cage-Like Oligosilsesquioxane with Two Types of Side-Chain Groups. <i>Bulletin of the Chemical Society of Japan</i> , 2016, 89, 1129-1135.	2.0	28
1442	Comparision in the solvent extraction behavior of uranium (VI) in some trialkyl phosphates in ionic liquid. <i>Radiochimica Acta</i> , 2016, 104, 865-872.	0.5	6
1443	Ultrasound in Combination with Ionic Liquids: Studied Applications and Perspectives. <i>Topics in Current Chemistry</i> , 2016, 374, 51.	3.0	12
1444	New Mechanism and Model of Butyric Acid Extraction by Phosponium Ionic Liquid. <i>Journal of Chemical &amp; Engineering Data</i> , 2016, 61, 2979-2996.	1.0	42
1445	Molecular Structure and Interactions in the Ionic Liquid 1-Ethyl-3-methylimidazolium Trifluoromethanesulfonate. <i>Journal of Physical Chemistry A</i> , 2016, 120, 6274-6286.	1.1	65
1446	Evaluation of 1-Decyl-3-Methylimidazolium Tetrafluoroborate as clathrate hydrate crystal inhibitor in drilling fluid. <i>Journal of Natural Gas Science and Engineering</i> , 2016, 36, 906-915.	2.1	32
1447	Chemical and Radiation Stability of Ionic Liquids: A Computational Screening Study. <i>Journal of Physical Chemistry C</i> , 2016, 120, 27757-27767.	1.5	45
1448	Selection of Reaction Media. , 2016, , 221-262.		2
1449	Highly efficient extraction of actinides with pillar[5]arene-derived diglycolamides in ionic liquids via a unique mechanism involving competitive host-guest interactions. <i>Dalton Transactions</i> , 2016, 45, 19299-19310.	1.6	49
1450	Use of dicyanamide ionic liquids for extraction of metal ions. <i>RSC Advances</i> , 2016, 6, 107894-107904.	1.7	27
1451	Thermoreversible (Ionic-Liquid-Based) Aqueous Biphasic Systems. <i>Scientific Reports</i> , 2016, 6, 20276.	1.6	72
1452	An experimental and theoretical study on the preparation of 4,4'-methylene-bis(N,N -dimethylaniline) in ionic liquid. <i>Journal of Physical Organic Chemistry</i> , 2016, 29, 276-280.	0.9	2
1453	Continuous Gas Dehydration Using the Hygroscopic Ionic Liquid [EMIM][MeSO <sub>3</sub> ] as a Promising Alternative Absorbent. <i>Chemical Engineering and Technology</i> , 2016, 39, 343-353.	0.9	20
1454	Theoretical insights into the properties of amino acid ionic liquids in aqueous solution. <i>Journal of Molecular Modeling</i> , 2016, 22, 152.	0.8	4
1455	Synthesis of 5-tert-butyl-1,2,3-trimethylbenzene catalyzed by [Et <sub>3</sub> NH]Cl-AlCl <sub>3</sub> . <i>Russian Journal of General Chemistry</i> , 2016, 86, 1163-1166.	0.3	0
1456	SANS study on the solvated structure and molecular interactions of a thermo-responsive polymer in a room temperature ionic liquid. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 17881-17889.	1.3	15
1457	Quantum chemical insights and continuum solvation predictions on the dissolution of bituminous and anthracite coal in Ionic Liquid. <i>Journal of Molecular Liquids</i> , 2016, 221, 919-929.	2.3	6

#	ARTICLE	IF	CITATIONS
1458	Synthesis and characterization of 2-epoxy propyl-N-methyl-2-oxopyrrolidinium salicylate ionic liquid and study of its interaction with water or methanol. <i>RSC Advances</i> , 2016, 6, 61566-61575.	1.7	13
1459	Recent development of ionic liquid membranes. <i>Green Energy and Environment</i> , 2016, 1, 43-61.	4.7	203
1460	Active chemisorption sites in functionalized ionic liquids for carbon capture. <i>Chemical Society Reviews</i> , 2016, 45, 4307-4339.	18.7	356
1461	Highly selective separation of individual platinum group metals (Pd, Pt, Rh) from acidic chloride media using phosphonium-based ionic liquid in aromatic diluent. <i>RSC Advances</i> , 2016, 6, 62717-62728.	1.7	49
1462	NMR spectroscopy to follow reaction progress in ionic liquids. <i>Magnetic Resonance in Chemistry</i> , 2016, 54, 423-428.	1.1	12
1463	Synthesis and toxicity evaluation of hydrophobic ionic liquids for volatile organic compounds biodegradation in a two-phase partitioning bioreactor. <i>Journal of Hazardous Materials</i> , 2016, 307, 221-230.	6.5	30
1464	Interactions of pyridinium, pyrrolidinium or piperidinium based ionic liquids with water: Measurements and COSMO-RS modelling. <i>Fluid Phase Equilibria</i> , 2016, 414, 93-100.	1.4	29
1465	Performance of an absorption heat transformer using new working binary systems composed of {ionic liquid and water}. <i>Applied Thermal Engineering</i> , 2016, 94, 579-589.	3.0	51
1466	Efficient Recovery of Penicillin G by a Hydrophobic Ionic Liquid. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 609-615.	3.2	10
1467	Comparison in the extraction behavior of uranium(VI) from nitric acid medium using CHON based extractants, monoamide, malonamide, and diglycolamide, dissolved in piperidinium ionic liquid. <i>Separation Science and Technology</i> , 2016, 51, 474-484.	1.3	12
1468	Solubility of CO in the Mixture of Ionic Liquid and ZIF: An Experimental and Modeling Study. <i>Journal of Chemical &amp; Engineering Data</i> , 2016, 61, 846-855.	1.0	14
1469	Application of the ionic liquid tributylmethylammonium bis(trifluoromethylsulfonyl)imide as solvent for the extraction of benzene from octane and decane at T=298.15 K and atmospheric pressure. <i>Fluid Phase Equilibria</i> , 2016, 417, 137-143.	1.4	23
1470	Recovery of an antidepressant from pharmaceutical wastes using ionic liquid-based aqueous biphasic systems. <i>Green Chemistry</i> , 2016, 18, 3527-3536.	4.6	35
1471	Amino ionic liquids-modified magnetic core/shell nanocomposite as an efficient adsorbent for dye removal. <i>Journal of Industrial and Engineering Chemistry</i> , 2016, 36, 206-214.	2.9	35
1472	The development of sustainable yttrium separation process from rare earth enrichments using bifunctional ionic liquid. <i>Separation and Purification Technology</i> , 2016, 162, 106-113.	3.9	50
1473	Superoxide Ion: Generation and Chemical Implications. <i>Chemical Reviews</i> , 2016, 116, 3029-3085.	23.0	1,458
1474	A trialkyl phosphine oxide functionalized task specific ionic liquid for actinide ion complexation: extraction and spectroscopic studies. <i>RSC Advances</i> , 2016, 6, 19763-19767.	1.7	37
1475	Enhancing extraction ability by rational design of phosphoryl functionalized ionic liquids and mechanistic investigation on neodymium (III) extraction. <i>Journal of Rare Earths</i> , 2016, 34, 83-90.	2.5	24



#	ARTICLE	IF	CITATIONS
1476	Molecular Interactions of a Cu-Based Metal-Organic Framework with a Confined Imidazolium-Based Ionic Liquid: A Combined Density Functional Theory and Experimental Vibrational Spectroscopy Study. <i>Journal of Physical Chemistry C</i> , 2016, 120, 3295-3304.	1.5	155
1477	Silicon Oxide Dissolution in Fluorohydrogenates Ionic Liquid. <i>Journal of the Electrochemical Society</i> , 2016, 163, E135-E141.	1.3	3
1478	Rational Design of Ionic Liquids for Lipid Processing. , 2016, , 153-203.		1
1479	Study of molecular interactions in binary liquid mixtures of [Emim][BF <sub>4</sub> ] with 2-methoxyethanol using thermo acoustic, volumetric and optical properties. <i>Thermochimica Acta</i> , 2016, 630, 37-49.	1.2	16
1480	Radiation stability of diglycolamide functionalized calix[4]arenes in ionic liquid: Solvent extraction, EPR and GC-MS studies. <i>Separation and Purification Technology</i> , 2016, 162, 77-83.	3.9	16
1481	Ionic-Liquid-Type Imidazolium Gemini Surfactant Based Water-in-Oil Microemulsion for Extraction of Gold from Hydrochloric Acid Medium. <i>Industrial &amp; Engineering Chemistry Research</i> , 2016, 55, 2790-2797.	1.8	43
1482	Nickel(II)-2-amino-4-alkoxy-1,3,5-triazapentadienate complexes as catalysts for Heck and Henry reactions. <i>RSC Advances</i> , 2016, 6, 29159-29163.	1.7	18
1483	Comparative study of the LLE of the quaternary and ternary systems involving benzene, n-octane, n-decane and the ionic liquid [BMpyr][NTf <sub>2</sub> ]. <i>Journal of Chemical Thermodynamics</i> , 2016, 98, 56-61.	1.0	20
1484	Separation and structural characterization of the value-added chemicals from mild degradation of lignites: A review. <i>Applied Energy</i> , 2016, 170, 415-436.	5.1	129
1486	Liquid-Liquid extraction of americium(III) using a completely incinerable ionic liquid system. <i>Separation and Purification Technology</i> , 2016, 158, 137-143.	3.9	40
1487	Solvent extraction of plutonium(IV) in monoamide ammonium ionic liquid mixture. <i>Separation and Purification Technology</i> , 2016, 159, 43-49.	3.9	37
1488	Unique selectivity reversal in Am <sup>3+</sup> -Eu <sup>3+</sup> extraction in a tripodal TREN-based diglycolamide in ionic liquid: extraction, luminescence, complexation and structural studies. <i>Dalton Transactions</i> , 2016, 45, 2476-2484.	1.6	61
1489	Density, Viscosity, and Sound Speed of Bis(trifluoromethylsulfonyl)imide-Based Ionic Liquids + 1-Propanol Mixtures. <i>Journal of Chemical &amp; Engineering Data</i> , 2016, 61, 56-66.	1.0	19
1490	Facile fabrication of ionic liquid doped polycarbazole coating for the headspace solid-phase microextraction of some environmental pollutants. <i>Talanta</i> , 2016, 148, 356-361.	2.9	16
1491	Successive disorder to disorder phase transitions in ionic liquid [HMIM][BF <sub>4</sub> ] under high pressure. <i>Journal of Molecular Structure</i> , 2016, 1106, 70-75.	1.8	11
1492	Liquid-liquid extraction of U(VI) using malonamide in room temperature ionic liquid. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2016, 308, 573-578.	0.7	5
1493	Ionic liquids: A New Route for the Design of Epoxy Networks. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 481-490.	3.2	56
1494	Extraction of Gold(III) from Hydrochloric Acid into Various Ionic Liquids: Relationship between Extraction Efficiency and Aqueous Solubility of Ionic Liquids. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 564-571.	3.2	63

#	ARTICLE	IF	CITATIONS
1495	Ionic liquid transported into metal-organic frameworks. <i>Coordination Chemistry Reviews</i> , 2016, 307, 382-390.	9.5	208
1496	Chemical vapor generation from an ionic liquid using a solid reductant: determination of Hg, As and Sb by atomic fluorescence spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2016, 31, 415-422.	1.6	21
1498	Efficient esterification of n-butanol with acetic acid catalyzed by the Brønsted acidic ionic liquids: influence of acidity. <i>RSC Advances</i> , 2017, 7, 5412-5420.	1.7	71
1499	The development of carbon capture by functionalized ionic liquids. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2017, 3, 33-38.	3.2	24
1500	Encapsulation of an ionic liquid into the nanopores of a 3D covalent organic framework. <i>RSC Advances</i> , 2017, 7, 1697-1700.	1.7	36
1501	Deepening of the Role of Cation Substituents on the Extractive Ability of Pyridinium Ionic Liquids of N-Compounds from Fuels. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 2015-2025.	3.2	22
1502	The Viscosity and Density of Ionic Liquid + Tetraglyme Mixtures and the Effect of Tetraglyme on CO <sub>2</sub> Solubility. <i>Journal of Chemical &amp; Engineering Data</i> , 2017, 62, 608-622.	1.0	25
1503	First Room Temperature Chiral Anionic Liquid Forming Micelles and Reverse Micelles. <i>Journal of Physical Chemistry B</i> , 2017, 121, 1629-1639.	1.2	10
1504	Modeling H <sub>2</sub> S and CO <sub>2</sub> solubility in ionic liquids using the CPA equation of state through a new approach. <i>Fluid Phase Equilibria</i> , 2017, 437, 155-165.	1.4	40
1505	Solvent extraction of gold using ionic liquid based process. <i>AIP Conference Proceedings</i> , 2017, , .	0.3	17
1506	A facile, simple, and inexpensive ionic liquid, 1-alkyl-3-methylimidazole chloride, as ligand for the iron(III)-mediated reverse atom transfer radical polymerization of methyl methacrylate. <i>RSC Advances</i> , 2017, 7, 6972-6980.	1.7	5
1507	Insights into the Coordination and Extraction of Yttrium(III) Ions with a Phenoxyacetic Acid Ionic Liquid Extractant. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 2332-2339.	1.0	11
1508	Ionic liquid-based synergistic extraction of rare earths nitrates without diluent: Typical ion-association mechanism. <i>Separation and Purification Technology</i> , 2017, 179, 349-356.	3.9	37
1509	The prediction of liquid-liquid equilibria for benzene/alkane/ionic liquids mixtures using intelligent models. <i>Journal of Molecular Liquids</i> , 2017, 232, 396-407.	2.3	16
1510	A DFT study on lignin dissolution in imidazolium-based ionic liquids. <i>RSC Advances</i> , 2017, 7, 12670-12681.	1.7	100
1511	Anion Analysis of Ionic Liquids and Ionic Liquid Purity Assessment by Ion Chromatography. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2017, 643, 130-135.	0.6	27
1512	Multicomponent Pharmaceutical Adducts of $\pm$ -Eprosartan: Physicochemical Properties and Pharmacokinetic Study. <i>Crystal Growth and Design</i> , 2017, 17, 1589-1599.	1.4	16
1513	Influence of 1-alkyl-3-methylimidazolium based ionic liquids on the thermodynamic and transport properties of L(+)-lactic acid in aqueous solutions of polyethylene glycol. <i>Fluid Phase Equilibria</i> , 2017, 440, 77-86.	1.4	5

#	ARTICLE	IF	CITATIONS
1514	Unusual selective extraction of Pu 4+ by some novel diamide ligands in a room temperature ionic liquid. Separation and Purification Technology, 2017, 181, 69-75.	3.9	15
1515	How do isomeric ortho, meta and paradicationic ionic liquids impact the production of 5-hydroxymethylfurfural?. Journal of Molecular Liquids, 2017, 238, 574-581.	2.3	4
1516	Green Analytical Techniques: Novel and Aboriginal Perspectives on Sustainable Development. , 2017, , 365-394.		1
1517	Alternative probe for the determination of the hydrogen-bond acidity of ionic liquids and their aqueous solutions. Physical Chemistry Chemical Physics, 2017, 19, 11011-11016.	1.3	27
1518	Prediction viscosity of ionic liquids using a hybrid LSSVM and group contribution method. Journal of Molecular Liquids, 2017, 236, 452-464.	2.3	59
1519	Optimization of lignin recovery from sugarcane bagasse using ionic liquid aided pretreatment. Cellulose, 2017, 24, 3191-3207.	2.4	63
1520	Complexation of tetraalkyl diglycolamides with trivalent f-cations in a room temperature ionic liquid: extraction and spectroscopic investigations. Dalton Transactions, 2017, 46, 7584-7593.	1.6	18
1521	Structural investigation of room-temperature ionic liquids and high-temperature ionic melts using triplet correlation functions. Journal of Chemical Physics, 2017, 146, .	1.2	11
1522	Multiscale Studies on Ionic Liquids. Chemical Reviews, 2017, 117, 6636-6695.	23.0	584
1523	Ultrasonic-assisted extraction of sinomenine from Sinomenium acutum using magnetic ionic liquids coupled with further purification by reversed micellar extraction. Process Biochemistry, 2017, 58, 282-288.	1.8	35
1524	Recovery of Nd and Pr from NdFeB magnet leachates with bi-functional ionic liquids based on Aliquat 336 and Cyanex 272. Hydrometallurgy, 2017, 167, 134-140.	1.8	55
1525	Alkyl chain length dependent Cr(VI) transport by polymer inclusion membrane using room temperature ionic liquids as carrier and PVDF-co-HFP as polymer matrix. Separation and Purification Technology, 2017, 175, 406-417.	3.9	50
1526	Dicationic imidazolium based ionic liquids: Synthesis and properties. Journal of Molecular Liquids, 2017, 227, 98-105.	2.3	67
1527	Improvement of recovery performance in the solvent extraction of Cu(II) using [bmim][Tf 2 N] and a ̢ <sup>2</sup> -diketone as extractant and its stripping with supercritical carbon dioxide. Journal of Supercritical Fluids, 2017, 128, 26-31.	1.6	5
1528	Synthesis and physico-chemical properties of ionic liquidsâ€™3-methyl-1-alkyloxycarbonylmethylpyridinium hexafluorophosphates. Russian Journal of General Chemistry, 2017, 87, 940-944.	0.3	0
1529	Renewable sources from plants as the starting material for designing new terpene chiral ionic liquids used for the chromatographic separation of acidic enantiomers. RSC Advances, 2017, 7, 32344-32356.	1.7	27
1530	An emerging integration between ionic liquids and nanotechnology: general uses and future prospects in drug delivery. Therapeutic Delivery, 2017, 8, 461-473.	1.2	38
1531	Molecular dynamics of 1-ethyl-3-methylimidazolium triflate ionic liquid studied by <sup>1</sup> H and <sup>19</sup> F nuclear magnetic resonances. Physical Chemistry Chemical Physics, 2017, 19, 15368-15376.	1.3	24

#	ARTICLE	IF	CITATIONS
1532	Thermoregulated biphasic ionic liquids: Effective catalysts in aldehydicâ€“amide condensation reaction. <i>Journal of Saudi Chemical Society</i> , 2017, 21, 845-851.	2.4	5
1533	Modified Metal Organic Frameworks (MOFs)/Ionic Liquid Matrices for Efficient Charge Storage. <i>Journal of the Electrochemical Society</i> , 2017, 164, H5169-H5174.	1.3	35
1534	Toward an Understanding of the Mechanisms behind the Formation of Liquidâ€“liquid Systems formed by Two Ionic Liquids. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 3015-3019.	2.1	17
1535	Understanding effect of molecular structure of imidazole-based ionic liquids on catalytic performance for biomass inulin hydrolysis. <i>Molecular Catalysis</i> , 2017, 435, 24-32.	1.0	13
1536	Membraneâ€“Based Strategy for Efficient Ionic Liquids/Water Separation Assisted by Superwettability. <i>Advanced Functional Materials</i> , 2017, 27, 1606544.	7.8	52
1537	Speciation of indium( <i>iii</i> ) chloro complexes in the solvent extraction process from chloride aqueous solutions to ionic liquids. <i>Dalton Transactions</i> , 2017, 46, 4412-4421.	1.6	38
1538	Extraction of plutonium(IV) by diglycolamide extractants in room temperature ionic liquids. <i>Radiochimica Acta</i> , 2017, 105, 285-293.	0.5	10
1539	Nature of the interactions in binary mixtures of 1-butyl-3-ethylimidazolium bromide ionic liquid with methanol and ethanol. <i>Journal of Molecular Liquids</i> , 2017, 229, 212-216.	2.3	8
1540	COSMO-descriptor based computer-aided ionic liquid design for separation processes. Part I: Modified group contribution methodology for predicting surface charge density profile of ionic liquids. <i>Chemical Engineering Science</i> , 2017, 162, 355-363.	1.9	52
1541	Extraction of Î²-carotene from organic phase using ammonium based ionic liquids aqueous solution. <i>Journal of Molecular Liquids</i> , 2017, 227, 15-20.	2.3	35
1542	Physicochemical and radiolytic degradation properties of dihexyloctanamide-imidazolium ionic liquid. <i>Journal of Molecular Liquids</i> , 2017, 247, 93-99.	2.3	8
1543	Predicting the Viscosity of Ionic Liquids by the ELM Intelligence Algorithm. <i>Industrial &amp; Engineering Chemistry Research</i> , 2017, 56, 11344-11351.	1.8	37
1544	DFT Study on the Formation Mechanism of Normal and Abnormal N-Heterocyclic Carbeneâ€“Carbon Dioxide Adducts from the Reaction of an Imidazolium-Based Ionic Liquid with CO <sub>2</sub> . <i>Journal of Physical Chemistry B</i> , 2017, 121, 10276-10284.	1.2	11
1545	An ionic liquid-based extraction system using diglycolamide functionalized macrocyclic platforms for the extraction and recovery of lanthanides. <i>Dalton Transactions</i> , 2017, 46, 16505-16515.	1.6	16
1546	Effect of Structural Variations on the Thermophysical Properties of Protic Ionic Liquids: Insights from Experimental and Computational Studies. <i>Journal of Chemical &amp; Engineering Data</i> , 2017, 62, 2993-3003.	1.0	21
1547	Solvated Structure of Cellulose in a Phosphonate-Based Ionic Liquid. <i>Macromolecules</i> , 2017, 50, 6509-6517.	2.2	25
1548	Recovery of rare earth elements with ionic liquids. <i>Green Chemistry</i> , 2017, 19, 4469-4493.	4.6	126
1549	LCST Phase Behavior and Complexation with Water of an Ionic Liquid Incorporating the 5-Phenyltetrazolate Anion. <i>ChemPhysChem</i> , 2017, 18, 3384-3389.	1.0	7

#	ARTICLE	IF	CITATIONS
1550	Extraction of uranium(VI) from nitric acid solutions using N,N-dihexyloctanamide in ionic liquids: Solvent extraction and spectroscopic studies. <i>Solvent Extraction and Ion Exchange</i> , 2017, 35, 423-438.	0.8	19
1551	Synthesis and transport of impurities in electrodialysis metathesis: Production of choline dihydrogen phosphate. <i>Journal of Membrane Science</i> , 2017, 541, 550-557.	4.1	16
1552	Ionic liquid modified silica gel for the sorption of americium(III) and europium(III) from dilute nitric acid medium. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2017, 313, 515-521.	0.7	8
1553	Surface Charge-Induced Efficient Recovery of Ionic Liquids from Aqueous Phase. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 29355-29362.	4.0	16
1554	Effect of temperature on the viscosities and the volumetric properties of the binary mixtures of the ionic liquids [bmim][PF6] and [bmim][CF3SO3]. <i>Journal of Molecular Liquids</i> , 2017, 243, 78-84.	2.3	15
1555	Effect of some imidazolium based ionic liquids on the electrical conductivity of L(+)-lactic acid in aqueous solutions of poly(ethylene glycol). <i>Fluid Phase Equilibria</i> , 2017, 451, 1-11.	1.4	6
1556	Hydration and Counterion Binding of [C <sub>12</sub> MIM] Micelles. <i>Langmuir</i> , 2017, 33, 9844-9856.	1.6	23
1557	Synergistic Extraction of Lanthanides (III) with Mixtures of TODGA and Hydrophobic Ionic Liquid into Molecular Diluent. <i>Solvent Extraction and Ion Exchange</i> , 2017, 35, 461-479.	0.8	11
1558	Significant enhanced uranyl ions extraction efficiency with phosphoramidate-functionalized ionic liquids via synergistic effect of coordination and hydrogen bond. <i>Scientific Reports</i> , 2017, 7, 15735.	1.6	13
1559	Solute Rotation and Translation Dynamics in an Ionic Deep Eutectic Solvent Based on Choline Chloride. <i>Journal of Physical Chemistry B</i> , 2017, 121, 10556-10565.	1.2	47
1560	Unusual extraction of trivalent f-cations using diglycolamide dendrimers in a room temperature ionic liquid: extraction, spectroscopic and DFT studies. <i>Dalton Transactions</i> , 2017, 46, 16541-16550.	1.6	22
1561	Tunable aryl alkyl ionic liquids (TAAILs) based on 1-aryl-3,5-dimethyl-1H-pyrazoles. <i>Journal of Molecular Liquids</i> , 2017, 248, 314-321.	2.3	10
1562	d-Poly( $\epsilon$ -caprolactone) (530)/siloxane biohybrid films doped with protic ionic liquids. <i>Journal of Electroanalytical Chemistry</i> , 2017, 799, 249-256.	1.9	4
1563	Imidazolium based ionic liquids' structure and optical properties influenced by semiconductor metal oxide thin films. <i>Journal of Molecular Liquids</i> , 2017, 244, 65-76.	2.3	4
1564	Freezing Point Determination of Water-Ionic Liquid Mixtures. <i>Journal of Chemical &amp; Engineering Data</i> , 2017, 62, 2374-2383.	1.0	12
1565	Influence of Natural Solutes and Ionic Liquids on the Yield of Enzyme-Catalyzed Reactions: Measurements and Predictions. <i>Organic Process Research and Development</i> , 2017, 21, 1059-1068.	1.3	18
1566	Density, Speed of Sound, and Viscosity of Aqueous Solutions Containing 1-Alkyl-4-methylpyridinium Bromide, Lactic Acid, and Polyethylene Glycol. <i>Journal of Chemical &amp; Engineering Data</i> , 2017, 62, 2021-2029.	1.0	6
1567	Effect of Variation in Anion Type and Glyme Length on the Nanostructure of the Solvate Ionic Liquid/Graphite Interface as a Function of Potential. <i>Journal of Physical Chemistry C</i> , 2017, 121, 15728-15734.	1.5	14

#	ARTICLE	IF	CITATIONS
1568	The study on interactions between 1-ethyl-3-methylimidazolium chloride and benzene/pyridine /pyrrole/thiophene. <i>Journal of Physical Organic Chemistry</i> , 2017, 30, e3663.	0.9	4
1569	Toluene degradation in a two-phase partitioning bioreactor involving a hydrophobic ionic liquid as a non-aqueous phase liquid. <i>International Biodeterioration and Biodegradation</i> , 2017, 117, 31-38.	1.9	22
1570	Solvent Extraction and Its Applications on Ore Processing and Recovery of Metals: Classical Approach. <i>Separation and Purification Reviews</i> , 2017, 46, 195-215.	2.8	85
1571	Orthogonal array design for the optimization of stripping Sr(II) from ionic liquids using supercritical CO <sub>2</sub> . <i>Chinese Journal of Chemical Engineering</i> , 2017, 25, 26-31.	1.7	4
1572	Interfacial insights on the dibenzo-based crown ether assisted cesium extraction in [BMIM][Tf <sub>2</sub> N]â€“water binary system. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2017, 311, 427-438.	0.7	25
1573	Preparation of Ionic Liquids Containing Siloxane Frameworks. , 0, , .		1
1574	Ultrasonic Assisted Extraction of Paclitaxel from Taxus x media Using Ionic Liquids as Adjuvants: Optimization of the Process by Response Surface Methodology. <i>Molecules</i> , 2017, 22, 1483.	1.7	19
1575	Catalytic Performance of Fe(II)-Scorpionate Complexes towards Cyclohexane Oxidation in Organic, Ionic Liquid and/or Supercritical CO <sub>2</sub> Media: A Comparative Study. <i>Catalysts</i> , 2017, 7, 230.	1.6	18
1576	Microwave Assisted Extraction, Optimization using Central Composite Design, Quantitative Estimation of Arjunic Acid and Arjunolic Acid using HPTLC and Evaluation of Radical Scavenging Potential of Stem Bark of Terminalia arjuna. <i>Natural Product Sciences</i> , 2017, 23, 75.	0.2	2
1577	Palladiumâ€“poly(ionic liquid) membranes for permselective sonochemical flow catalysis. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 545, 78-85.	2.3	20
1578	Synthesis and characterization of [Cu(N-Melm) <sub>4</sub> (BF <sub>4</sub> ) <sub>2</sub> ] in ionic liquid. <i>Chemical Research in Chinese Universities</i> , 2018, 34, 8-12.	1.3	6
1579	Investigations on the Physicochemical and Radiolytic Degradation Properties of Tri-n-butylphosphateâ€“Ionic Liquid in the Presence of Nitric Acid. <i>Journal of Solution Chemistry</i> , 2018, 47, 373-386.	0.6	4
1580	Mechanism of ionic-liquid-based acidic aqueous biphasic system formation. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 9838-9846.	1.3	26
1581	Industrial uses and applications of ionic liquids. <i>ChemistrySelect</i> , 2018, 3, .	0.7	18
1582	Mesoscopic structural organization in fluorinated room temperature ionic liquids. <i>Comptes Rendus Chimie</i> , 2018, 21, 757-770.	0.2	12
1583	Synthesis, Characterization and Evaluation of Surface and Thermal Properties of 3â€“Cyclohexyloxyâ€“2â€“Hydroxypropyl Pyridinium and Imidazolium Surfaceâ€“Active Ionic Liquids. <i>Journal of Surfactants and Detergents</i> , 2018, 21, 43-52.	1.0	7
1584	Complexation of Eu(III) in a Completely Incinerable Ionic Liquid System: A Luminescence Spectroscopy Approach. <i>ChemistrySelect</i> , 2018, 3, 3029-3035.	0.7	10
1585	Thermophysical properties of tri-n-butylphosphate-ionic liquid mixture. <i>AIP Conference Proceedings</i> , 2018, , .	0.3	4



#	ARTICLE	IF	CITATIONS
1586	Performance of EMIMFSI ionic liquid based gel polymer electrolyte in rechargeable lithium metal batteries. <i>Journal of Industrial and Engineering Chemistry</i> , 2018, 65, 137-145.	2.9	38
1587	Extraction of $\text{Np}^{4+}$ and $\text{NpO}_2^{2+}$ from Nitric Acid Medium Using TODGA in Room Temperature Ionic Liquids. <i>Journal of Solution Chemistry</i> , 2018, 47, 1326-1338.	0.6	12
1588	Ionic silsesquioxanes: Preparation, structure control, characterization, and applications. <i>Polymer</i> , 2018, 144, 205-224.	1.8	32
1589	Solubility of trioctylmethylammonium chloride in supercritical carbon dioxide and the influence of co-solvents on the solubility behavior. <i>Journal of Supercritical Fluids</i> , 2018, 138, 102-114.	1.6	23
1590	Desulfurization of liquid fuels by extraction and sulfoxidation using $\text{H}_2\text{O}_2$ and $[\text{CpMo}(\text{CO})_3\text{R}]$ as catalysts. <i>Applied Catalysis B: Environmental</i> , 2018, 230, 177-183.	10.8	62
1591	Molecular interactions of Pyridinium DIL with D-glucose: Volumetric, acoustic and viscometric approach. <i>Journal of Molecular Liquids</i> , 2018, 257, 132-143.	2.3	2
1592	Protic ionic liquids as a constituent of biphasic systems based on acetonitrile: Phase diagram and alkaloid partitioning. <i>Separation and Purification Technology</i> , 2018, 200, 318-326.	3.9	20
1593	Spectroscopic and temperature dependent physicochemical studies on interactional behavior of phosphate salts in aqueous ionic liquid (1-butyl-3-methyl imidazolium tetrafluoroborate) solutions. <i>Journal of Molecular Liquids</i> , 2018, 251, 273-285.	2.3	7
1594	Formation of droplet and coexisting of sausages for water-ionic liquid ( $[\text{BMIM}][\text{PF}_6]$ ) two-phase flow in a flow-focusing device. <i>Chemical Engineering and Processing: Process Intensification</i> , 2018, 125, 8-17.	1.8	21
1595	Elucidating the role of the ionic liquid in the actuation behavior of thermo-responsive ionogels. <i>Sensors and Actuators B: Chemical</i> , 2018, 260, 380-387.	4.0	21
1596	The analysis of liquid-liquid equilibria (LLE) of toluene + heptane + ionic liquid ternary mixture using intelligent models. <i>Chemical Engineering Research and Design</i> , 2018, 130, 184-198.	2.7	15
1597	Globular, Sponge-like to Layer-like Morphological Transition in 1-Alkyl-3-methylimidazolium Octylsulfate Ionic Liquid Homologous Series. <i>Journal of Physical Chemistry B</i> , 2018, 122, 213-228.	1.2	22
1598	Excess Molar Volumes, Excess Molar Isentropic Compressibilities, Viscosity Deviations, and Activation Parameters for 1-Ethyl-3-methyl-imidazolium Trifluoro-methanesulfonate + Dimethyl Sulfoxide and/or Acetonitrile at $T = 298.15$ to $323.15$ K and $P = 0.1$ MPa. <i>Journal of Chemical &amp; Engineering Data</i> , 2018, 63, 269-289.	1.0	26
1599	Thermal stability of trihexyl(tetradecyl)phosphonium chloride. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 2444-2456.	1.3	46
1600	Deep Eutectic Solvents formed by chiral components as chiral reaction media and studies of their structural properties. <i>Journal of Molecular Liquids</i> , 2018, 262, 285-294.	2.3	36
1601	Ionic liquids: a brief history. <i>Biophysical Reviews</i> , 2018, 10, 691-706.	1.5	658
1602	Experimental investigation and thermodynamic modeling of amino acids partitioning in a water/ionic liquid system. <i>Journal of Molecular Liquids</i> , 2018, 260, 386-390.	2.3	14
1603	Carbon capture and storage (CCS): the way forward. <i>Energy and Environmental Science</i> , 2018, 11, 1062-1176.	15.6	2,378

#	ARTICLE	IF	CITATIONS
1604	Hybridization of metal-organic frameworks and task-specific ionic liquids: fundamentals and challenges. <i>Materials Chemistry Frontiers</i> , 2018, 2, 219-234.	3.2	72
1605	Influence of the ionic liquid 1-butyl-3-methylimidazolium bromide on amyloid fibrillogenesis in lysozyme: Evidence from photophysical and imaging studies. <i>International Journal of Biological Macromolecules</i> , 2018, 107, 2643-2649.	3.6	22
1606	Novel generation of deep eutectic solvent as an acceptor phase in three-phase hollow fiber liquid phase microextraction for extraction and preconcentration of steroidal hormones from biological fluids. <i>Talanta</i> , 2018, 178, 473-480.	2.9	85
1607	Applications of ionic liquids in biphasic separation: Aqueous biphasic systems and liquid-liquid equilibria. <i>Journal of Chromatography A</i> , 2018, 1559, 44-61.	1.8	60
1608	Liquid-liquid extraction of biopharmaceuticals from fermented broth: trends and future prospects. <i>Journal of Chemical Technology and Biotechnology</i> , 2018, 93, 1845-1863.	1.6	35
1609	Solvent extraction of americium(III) and europium(III) with 2,6-bis(5,6-diethyl-1,2,4-triazin-3-yl) pyridine in ionic liquids: Experimental study and molecular dynamics simulation. <i>Separation and Purification Technology</i> , 2018, 192, 302-308.	3.9	25
1610	Ketone functionalized task specific ionic liquids for selective tantalum extraction. <i>Separation and Purification Technology</i> , 2018, 196, 174-182.	3.9	29
1611	Extraction of toluene and <i>n</i> -heptane mixture using ionic liquid Aliquat 336 and mathematical modeling for solvent selection. <i>Separation Science and Technology</i> , 2018, 53, 61-70.	1.3	11
1612	Ionic liquids: solvents and sorbents in sample preparation. <i>Journal of Separation Science</i> , 2018, 41, 209-235.	1.3	126
1613	Ionic-Liquid-Based Acidic Aqueous Biphasic Systems for Simultaneous Leaching and Extraction of Metallic Ions. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 1563-1566.	7.2	82
1614	Ionic-Liquid-Based Acidic Aqueous Biphasic Systems for Simultaneous Leaching and Extraction of Metallic Ions. <i>Angewandte Chemie</i> , 2018, 130, 1579-1582.	1.6	13
1615	Thermophysical properties of binary mixtures of 1-butyl-1-methylpyrrolidinium trifluoromethanesulfonate ionic liquid with alcohols at several temperatures. <i>Journal of Chemical Thermodynamics</i> , 2018, 118, 292-301.	1.0	14
1616	Effect of ionic liquid on the extraction of actinides and lanthanides with 1,2,3-triazole-modified carbamoylmethylphosphine oxide from nitric acid solutions. <i>Radiochimica Acta</i> , 2018, 106, 355-362.	0.5	9
1617	Ionic liquid-based dye: A dyed plasticizer for rapid and highly sensitive anion optodes based on a plasticized PVC membrane. <i>Sensors and Actuators B: Chemical</i> , 2018, 258, 1125-1130.	4.0	16
1618	Quantification ethyl carbamate in wines using reaction-assisted-extraction with 9-xanthidrol and detection by heart-cutting multidimensional gas chromatography-mass spectrometry. <i>Analytica Chimica Acta</i> , 2018, 1001, 86-92.	2.6	13
1619	Impact of activated sludge acclimation on the biodegradation of toluene absorbed in a hydrophobic ionic liquid. <i>International Journal of Environmental Science and Technology</i> , 2018, 15, 621-630.	1.8	2
1620	Unusual Reversal in Pu and U Extraction in an Ionic Liquid Using Two Tripodal Diglycolamide Ligands: Experimental and DFT Studies. <i>Solvent Extraction and Ion Exchange</i> , 2018, 36, 542-557.	0.8	6
1621	Aqueous Biphasic Systems Composed of Random Ethylene/Propylene Oxide Copolymers, Choline Acetate, and Water for Triazine-Based Herbicide Partitioning Study. <i>Solvent Extraction and Ion Exchange</i> , 2018, 36, 602-616.	0.8	12

#	ARTICLE	IF	CITATIONS
1623	New dendritic ionic liquids (DILs) for the extraction of metallic species from water. <i>New Journal of Chemistry</i> , 2018, 42, 18010-18020.	1.4	12
1624	Progress in Green Solvents for the Stabilisation of Nanomaterials: Imidazolium Based Ionic Liquids. , O, , .		4
1625	Extraction of Rhodium by Liquid Surfactant Membranes Containing Ionic Liquid as a Carrier from Hydrochloric Acid Solutions. <i>Journal of Chemical Engineering of Japan</i> , 2018, 51, 917-920.	0.3	5
1626	Water-Based Synthesis of Hydrophobic Ionic Liquids [N <sub>8888</sub> ][oleate] and [P <sub>666,14</sub> ][oleate] and their Bioprocess Compatibility. <i>ChemistryOpen</i> , 2018, 7, 878-884.	0.9	4
1627	Interfacial dynamics of the capillary wave for glycerol-water solution/ionic liquid ([BMIM][PF6]) two-phase flow in a microfluidic flow-focusing junction. <i>Chemical Engineering and Processing: Process Intensification</i> , 2018, 133, 294-302.	1.8	5
1628	Recovery of metals from waste electrical and electronic equipment (WEEE) using unconventional solvents based on ionic liquids. <i>Critical Reviews in Environmental Science and Technology</i> , 2018, 48, 859-922.	6.6	63
1629	Investigation of PEG-6000 bridged $\text{N-SO}_3\text{H}$ functionalized geminal dicationic ionic liquids for catalytic conversion of fructose to 5-hydroxymethylfurfural. <i>Journal of Chemical Sciences</i> , 2018, 130, 1.	0.7	5
1630	Recovery and purification of ionic liquids from solutions: a review. <i>RSC Advances</i> , 2018, 8, 32832-32864.	1.7	171
1632	Enzymatic catalysis for sustainable production of high omega-3 triglyceride oil using imidazolium-based ionic liquids. <i>Food Science and Nutrition</i> , 2018, 6, 2020-2027.	1.5	10
1633	Lewis Acidity and Basicity of Mixed Chlorometallate Ionic Liquids: Investigations from Surface Analysis and Fukui Function. <i>Molecules</i> , 2018, 23, 2516.	1.7	9
1634	Radio-green chemistry and nature resourced radiochemistry. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2018, 318, 1543-1558.	0.7	14
1635	Hydrophobic Deep Eutectic Solvents Incorporating Trioctylphosphine Oxide: Advanced Liquid Extractants. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 17323-17332.	3.2	96
1636	Organic Reaction Outcomes in Ionic Liquids. <i>Advances in Physical Organic Chemistry</i> , 2018, , 49-85.	0.5	7
1637	Highly Efficient Extraction Chromatography Resins Containing Dendrimers with DGA Groups in Ionic Liquid for Actinide Uptake. <i>Industrial &amp; Engineering Chemistry Research</i> , 2018, 57, 13226-13234.	1.8	5
1638	Capillary evaporation of the ionic liquid [EMIM][BF4] in nanoscale solvophobic confinement. <i>Journal of Chemical Physics</i> , 2018, 148, 193810.	1.2	14
1639	Challenges and opportunities for the utilisation of ionic liquids as solvents for CO <sub>2</sub> capture. <i>Molecular Systems Design and Engineering</i> , 2018, 3, 560-571.	1.7	68
1640	CS <sub>2</sub> capture in the ionic liquid 1-alkyl-3-methylimidazolium acetate: reaction mechanism and free energetics. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 19339-19349.	1.3	7
1641	Solvation and Rotational Diffusion of Solutes in Room Temperature Ionic Liquids as Studied by EPR Spectroscopy with Nitroxide Spin Probing Method. <i>Applied Magnetic Resonance</i> , 2018, 49, 825-835.	0.6	3

#	ARTICLE	IF	CITATIONS
1642	Mixed-mode SPE followed by GC-MS analysis to determine water soluble organic compounds in aerosol and historical mortars affected by marine atmosphere: The case of Punta Bego's Galleries (Getxo, North of Spain). <i>Talanta</i> , 2018, 189, 31-38.	2.9	8
1643	Complexation of Actinides with Phosphine Oxide Functionalized Pillar[5]arenes: Extraction and Spectroscopic Studies. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 4022-4030.	1.0	8
1644	Chemical Tuning of Zwitterionic Ionic Liquids for Variable Thermophysical Behaviours, Nanostructured Aggregates and Dual-stimuli Responsiveness. <i>Chemistry - A European Journal</i> , 2018, 24, 13322-13335.	1.7	16
1645	The Development of Intelligent Models for Liquid-Liquid Equilibria (LLE) Phase Behavior of Thiophene/Alkane/Ionic Liquid Ternary System. <i>Separation Science and Technology</i> , 2018, 53, 2935-2951.	1.3	7
1646	Temperature Dependence on Density, Viscosity, and Electrical Conductivity of Ionic Liquid 1-Ethyl-3-Methylimidazolium Fluoride. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 356.	1.3	17
1647	Novel molecular descriptors for prediction of H <sub>2</sub> S solubility in ionic liquids. <i>Journal of Molecular Liquids</i> , 2018, 265, 756-764.	2.3	25
1648	Novel Task Specific Ionic Liquids to Remove Heavy Metals from Aqueous Effluents. <i>Metals</i> , 2018, 8, 412.	1.0	23
1649	Poly(Ionic Liquid): A New Phase in a Thermoregulated Phase Separated Catalysis and Catalyst Recycling System of Transition Metal-Mediated ATRP. <i>Polymers</i> , 2018, 10, 347.	2.0	7
1650	Measurement and correlation of phase equilibria in aqueous two-phase systems containing functionalized magnetic ionic liquids and potassium phosphate at different temperatures. <i>Journal of Molecular Liquids</i> , 2018, 263, 72-80.	2.3	14
1651	Green solvents from ionic liquids and deep eutectic solvents to natural deep eutectic solvents. <i>Comptes Rendus Chimie</i> , 2018, 21, 628-638.	0.2	295
1652	Extraction techniques with deep eutectic solvents. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 105, 225-239.	5.8	469
1653	Effect of Lengths of Substituents in Imidazolium Groups on the Preparation of Imidazolium-Salt-Type Ionic Liquids Containing Polyhedral Oligomeric Silsesquioxane Structures. <i>Bulletin of the Chemical Society of Japan</i> , 2018, 91, 1112-1119.	2.0	16
1654	Determination of Extractant Solubility in Ionic Liquids by Thermogravimetric Analysis. <i>Solvent Extraction and Ion Exchange</i> , 2018, 36, 304-314.	0.8	3
1655	Surface Characterization of a Series of 1-Alkyl-3-methylimidazolium-Based Ionic Liquids by Inverse Gas Chromatography. <i>Industrial &amp; Engineering Chemistry Research</i> , 2018, 57, 12249-12253.	1.8	4
1656	Analysis of the Frequency and Diversity of 1,3-Dialkylimidazolium Ionic Liquids Appearing in the Literature. <i>Industrial &amp; Engineering Chemistry Research</i> , 2018, 57, 15971-15981.	1.8	24
1657	Enzymatic hydrolysis of p-nitrophenyl butyrate in water-in-ionic liquid microemulsion. <i>Ferroelectrics</i> , 2018, 528, 122-130.	0.3	5
1658	Interfacial dynamics of the core-annular flow for glycerol-water solution / ionic liquid ([BMIM][PF <sub>6</sub> ]) two-phase flow in a microfluidic flow-focusing junction. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2019, 98, 45-52.	2.7	5
1659	Determination of Polycyclic Aromatic Hydrocarbons in Tobacco Smoke by Ionic Liquid Enrichment and Gas Chromatography-Mass Spectrometry. <i>Analytical Letters</i> , 2019, 52, 337-352.	1.0	2

#	ARTICLE	IF	CITATIONS
1660	Feasibility study of phosphonium ionic liquids as efficient solvent for sulfur extraction from liquid fuels. AIP Conference Proceedings, 2019, , .	0.3	5
1661	Wine markers in archeological potteries: detection by GC-MS at ultratrace levels. Analytical and Bioanalytical Chemistry, 2019, 411, 6711-6722.	1.9	10
1662	Versatile Method for the Simultaneous Synthesis of Two Ionic Liquids, Otherwise Difficult to Obtain, with High Atom Economy. ChemistryOpen, 2019, 8, 972-983.	0.9	8
1663	Recovery of tantalum from synthetic sulfuric leach solutions by solvent extraction with phosphonate functionalized ionic liquids. Hydrometallurgy, 2019, 189, 105107.	1.8	21
1664	Vibrational spectroscopy of imidazolium-based ionic liquids: A combined MD/DFT study. Journal of Molecular Liquids, 2019, 292, 111282.	2.3	6
1665	Application of ionic liquids in microextraction techniques: Current trends and future perspectives. TrAC - Trends in Analytical Chemistry, 2019, 119, 115614.	5.8	66
1666	Thermophysical and Molar Volume Aberration of Amphiphilic Eutectic Mix of Bivalent Diols and Ammonium-Ionic Liquid. Journal of Chemical & Engineering Data, 2019, 64, 3307-3315.	1.0	20
1667	Imidazolium-dysprosium-based magnetic NanoGUMBOS for isolation of hemoglobin. Talanta, 2019, 205, 120078.	2.9	11
1668	Selective extraction of aromatics from aliphatics using dicationic ionic liquid-solvent composite extractants. Journal of Molecular Liquids, 2019, 291, 111267.	2.3	19
1669	Graphene oxide supported dicationic ionic liquid: an efficient catalyst for the synthesis of 1-carbamatoalkyl-2-naphthols. Research on Chemical Intermediates, 2019, 45, 5595-5607.	1.3	12
1670	Green Synthesis of Zinc Oxide Nanostructures. , 0, , .		10
1671	Determination of Heavy Metal Ions and Organic Pollutants in Water Samples Using Ionic Liquids and Ionic Liquid-Modified Sorbents. Journal of Analytical Methods in Chemistry, 2019, 2019, 1-19.	0.7	40
1672	Ionic Liquid-Polymer Nanoparticle Hybrid Systems as New Tools to Deliver Poorly Soluble Drugs. Nanomaterials, 2019, 9, 1148.	1.9	38
1673	THERMOPHYSICAL PROPERTIES OF 1-ETHYL-3-METHYLIMIDAZOLIUM CHLORIDE SOLUTION FROM 293.15 TO 323.15 K. Brazilian Journal of Chemical Engineering, 2019, 36, 599-608.	0.7	1
1674	Separation of Butanol Using Tetradecyl(trihexyl)phosphonium Bis(2,4,4-trimethylpentyl)phosphinate, Oleyl Alcohol, and Castor Oil. Journal of Chemical & Engineering Data, 2019, 64, 5079-5088.	1.0	7
1675	Dynamics and Spectral Response of Water Molecules around Tetramethylammonium Cation. Journal of Physical Chemistry B, 2019, 123, 8753-8766.	1.2	24
1676	Viscosities and Conductivities of Binary Mixtures of 4-(Diethoxyphosphoryl)butyl Triphenylphosphonium Hexafluorophosphate with Organic Solvents. ChemistrySelect, 2019, 4, 914-918.	0.7	4
1677	Gd <sup>3+</sup> Adsorption over Carboxylic- and Amino-Group Dual-Functionalized UiO-66. Industrial & Engineering Chemistry Research, 2019, 58, 2324-2332.	1.8	41

#	ARTICLE	IF	CITATIONS
1678	Thermodynamic and spectroscopic studies on cationic surfactant tetradecyltrimethylammonium bromide in aqueous solution of trisubstituted ionic liquid 1, 2-dimethyl-3-octylimidazolium chloride at different temperatures. <i>Journal of Dispersion Science and Technology</i> , 2019, 40, 1696-1704.	1.3	4
1679	The Solubility of Carbon Dioxide and Density for Binary Mixtures of 1-Butyl-3-methylimidazolium Acetate and 1-Butyl-3-methylimidazolium Tetrafluoroborate. <i>Journal of Chemical &amp; Engineering Data</i> , 2019, 64, 584-593.	1.0	12
1680	Rational design of an ionic liquid dispersive liquid-liquid micro-extraction method for the detection of organophosphorus pesticides. <i>Analyst</i> , 2019, 144, 2166-2172.	1.7	21
1681	Viscosity, Electrical Conductivity, Density and Surface Tension of Methyltriphenylphosphonium Carboxylate Ionic Liquids. <i>Bulletin of the Chemical Society of Japan</i> , 2019, 92, 578-584.	2.0	3
1682	Possible contamination of ionic liquids upon dissolution and absorption of rubber and resin components. <i>Journal of Molecular Liquids</i> , 2019, 278, 78-85.	2.3	2
1683	Synthesis, Photophysical Properties, and Biological Importance of Pyrimidinium Ionic Liquids. <i>ChemistrySelect</i> , 2019, 4, 6888-6895.	0.7	4
1684	Systematic evaluation of hydrophobic deep-melting eutectics as alternative solvents for the extraction of organic solutes from aqueous solution. <i>RSC Advances</i> , 2019, 9, 15798-15804.	1.7	17
1685	Effects of Operating Parameters on Ionic Liquid Membrane to Remove Humidity in a Green Continuous Process. <i>Membranes</i> , 2019, 9, 65.	1.4	2
1686	Development of a novel ionic liquid-curcumin complex to enhance its solubility, stability, and activity. <i>Chemical Communications</i> , 2019, 55, 7737-7740.	2.2	49
1687	Ionic liquid functionalization of chitosan beads for improving thermal stability and copper ions uptake from aqueous solution. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 103181.	3.3	19
1688	A new activity coefficient model for the solution of molecular solute in ionic liquid. <i>Fluid Phase Equilibria</i> , 2019, 493, 144-152.	1.4	5
1689	Coupled hydroxyl and ether functionalisation in EAN derivatives: the effect of hydrogen bond donor/acceptor groups on the structural heterogeneity studied with X-ray diffractions and fixed charge/polarizable simulations. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 11464-11475.	1.3	3
1690	Direct Mass Spectrometry Analysis Using In-Capillary Dicationic Ionic Liquid-Based in Situ Dispersive Liquid-Liquid Microextraction and Sonic-Spray Ionization. <i>Analytical Chemistry</i> , 2019, 91, 6661-6668.	3.2	13
1691	Interplay of Different Moieties in the Binary System 1-Ethyl-3-methylimidazolium Trifluoromethanesulfonate/Water Studied by Raman Spectroscopy and Density Functional Theory Calculations. <i>Journal of Physical Chemistry B</i> , 2019, 123, 4004-4016.	1.2	16
1692	Insights into the effect of imidazolium-based ionic liquids on chemical structure and hydrolytic activity of microbial lipase. <i>Bioprocess and Biosystems Engineering</i> , 2019, 42, 1235-1246.	1.7	13
1693	Can cholinium chloride form eutectic solvents with organic chloride-based salts?. <i>Fluid Phase Equilibria</i> , 2019, 493, 120-126.	1.4	16
1694	Colored Ionic Liquid Based on Stable Polycyclic Anion Salt Showing Halochromism with HCl Vapor. <i>Organic Letters</i> , 2019, 21, 2161-2165.	2.4	12
1696	A survey on the effect of ionic liquid on electrochemical behavior and electrocatalytic activity of a phosphomolybdic acid-ionic liquid-MWCNT-modified glassy carbon electrode. <i>Journal of Solid State Electrochemistry</i> , 2019, 23, 1339-1350.	1.2	2



#	ARTICLE	IF	CITATIONS
1697	Ionic Liquid Aqueous Two-Phase Systems From a Pharmaceutical Perspective. <i>Frontiers in Chemistry</i> , 2019, 7, 135.	1.8	56
1698	SUBSTITUTION OF SOLVENTS BY SAFER PRODUCTS. , 2019, , 1455-1634.		4
1699	Synthesis, thermal stability, vibrational spectra and conformational studies of novel dicationic meta-xylyl linked bis-1-methylimidazolium ionic liquids. <i>Journal of Molecular Structure</i> , 2019, 1186, 68-79.	1.8	29
1700	Chasing Aqueous Biphasic Systems from Simple Salts by Exploring the LiTFSI/LiCl/H <sub>2</sub> O Phase Diagram. <i>ACS Central Science</i> , 2019, 5, 640-643.	5.3	31
1701	Ionic Liquids/Water Binary Mixtures Mediated Organic Reactions. , 2019, , 1-13.		0
1702	Extraction of cerium(III) with N,N-dimethyl-N,N'-dioctyl-diglycolamide in [Bmim][PF <sub>6</sub> ] compared in 40% octanol/kerosene. <i>Journal of Nuclear Science and Technology</i> , 2019, 56, 580-587.	0.7	3
1703	New Ionic Liquids for Extraction Preconcentration. <i>Journal of Analytical Chemistry</i> , 2019, 74, 1-11.	0.4	9
1704	Ionic Liquids as Potential Green Solvents Their Interactions with Surfactants and Antidepressant Drugs. , 2019, , 291-323.		3
1705	Viscosity of 1-Alkyl-1-methylpyrrolidinium Bis(trifluoromethylsulfonyl)imide Ionic Liquids Saturated with Compressed CO <sub>2</sub> . <i>Journal of Chemical &amp; Engineering Data</i> , 2019, 64, 4658-4667.	1.0	14
1706	Green chemical engineering in China. <i>Reviews in Chemical Engineering</i> , 2019, 35, 995-1077.	2.3	3
1707	Role of the hydrogen bond donor component for a proper development of novel hydrophobic deep eutectic solvents. <i>Journal of Molecular Liquids</i> , 2019, 281, 423-430.	2.3	49
1708	Equilibrium and dynamic interfacial tensions of oil/water in the presence of an imidazolium ionic liquid strengthen with magnetite nanoparticles. <i>Journal of Molecular Liquids</i> , 2019, 281, 252-260.	2.3	7
1709	Complexation of CMPO with trivalent f-cations in ionic liquid medium: Solvent extraction, spectroscopic, EXAFS and DFT studies. <i>Polyhedron</i> , 2019, 162, 71-80.	1.0	9
1710	Extraction of Re(VII) from Hydrochloric Acid Solution with TiOA in Hydrophobic Ionic Liquid. <i>Journal of Chemical &amp; Engineering Data</i> , 2019, 64, 1014-1019.	1.0	2
1711	Separation of Alkylbenzenes from n-Heptane Using Binary Mixtures of Ionic Solvents. <i>Journal of Chemical &amp; Engineering Data</i> , 2019, 64, 1187-1194.	1.0	7
1712	Improved Methods of Extraction and In Vitro Evaluation of Antimicrobial Potential of Stem Bark of Terminalia arjuna. <i>Current Biochemical Engineering</i> , 2019, 5, 50-56.	1.3	2
1713	A Brief Review of the Prediction of Liquid-Liquid Equilibrium of Ternary Systems Containing Ionic Liquids by the COSMO-SAC Model. <i>Journal of Solution Chemistry</i> , 2019, 48, 1547-1563.	0.6	30
1714	Understanding the effects of solvate ionic liquids as solvents on substitution processes. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 9243-9250.	1.5	12

#	ARTICLE	IF	CITATIONS
1715	Second-Order Thermodynamic Derivative Properties of Ionic Liquids from ePC-SAFT: The Effect of Partial Ionic Dissociation. <i>Industrial &amp; Engineering Chemistry Research</i> , 2019, 58, 22408-22417.	1.8	8
1716	Control of Crystalline-Amorphous Structures of Polyhedral Oligomeric Silsesquioxanes Containing Two Types of Ammonium Side-Chain Groups and Their Properties as Protic Ionic Liquids. <i>Molecules</i> , 2019, 24, 4553.	1.7	9
1717	Tailoring intermolecular interactions to develop a low-temperature electrolyte system consisting of 1-butyl-3-methylimidazolium iodide and organic solvents. <i>RSC Advances</i> , 2019, 9, 36796-36807.	1.7	12
1718	Synthesis of gold particles at room temperature ionic liquid-ethylene glycol interfaces: effect of processing time and concentration. <i>Journal of Materials Science</i> , 2019, 54, 274-285.	1.7	2
1719	Liquid-liquid extraction of calcium using ionic liquids in spiral microfluidics. <i>Chemical Engineering Journal</i> , 2019, 356, 492-505.	6.6	108
1720	Thermophysical Properties of Dicationic Ionic Liquids under the Influence of Amino Acid. <i>Journal of Chemical &amp; Engineering Data</i> , 2019, 64, 421-432.	1.0	5
1721	Design of the Distillation-Extraction Tandem to Separate Ethyl Propanoate from Heptane Solutions Using Pyridinium-Derived Organic Salts as Entrainers. Its Use as a Potential Bioactive Compound. <i>Industrial &amp; Engineering Chemistry Research</i> , 2019, 58, 973-983.	1.8	4
1722	Zwitterions as novel phase forming components of aqueous biphasic systems. <i>Pure and Applied Chemistry</i> , 2019, 91, 1279-1294.	0.9	11
1723	Experimental and theoretical study on extraction and recovery of naphthenic acid using dicyanamide-based ionic liquids. <i>Separation and Purification Technology</i> , 2019, 213, 199-212.	3.9	24
1724	A study on the effect of 1-butyl-4-methylpyridinium bromide adsorption on the structural and electronic properties of B12N12 nano-cage. <i>Journal of Molecular Liquids</i> , 2019, 277, 115-122.	2.3	7
1725	Ionic Mobility within Functionalized Silica Nanopores. <i>Journal of Physical Chemistry C</i> , 2019, 123, 3622-3633.	1.5	8
1726	Electrochemical, thermodynamics, and spectroscopic investigation of Eu(III) in T2EHDGA[C <sub>4</sub> mim][NTf <sub>2</sub> ] mixture. <i>Separation Science and Technology</i> , 2019, 54, 1669-1680.	1.3	6
1727	Capturing methanol and dimethoxymethane gases with ionic liquids. <i>Fuel</i> , 2019, 241, 704-714.	3.4	19
1728	Preparation of polymer electrolytes using ionic liquids and evaluation of physicochemical properties. <i>Journal of Molecular Liquids</i> , 2019, 274, 204-208.	2.3	12
1729	The effect of substituents of phosphonium-based ionic liquids evaluated by MP2 calculation. <i>Journal of Molecular Liquids</i> , 2019, 274, 455-460.	2.3	0
1730	Interaction of a phenazinium-based photosensitizer with surface active ionic liquid micelles: Investigating the effect of cyclodextrins on SAIL micelles. <i>Journal of Molecular Liquids</i> , 2019, 274, 584-591.	2.3	8
1731	Effect of the external electric field on the electronic structure, spectroscopic features, NLO properties, and interionic interactions in ionic liquids: A DFT approach. <i>Journal of Molecular Liquids</i> , 2019, 273, 314-325.	2.3	23
1732	Liquid Extraction of Toluene from Heptane, Octane, or Nonane Using Mixed Ionic Solvents of 1-Ethyl-3-methylimidazolium Methylsulfate and 1-Hexyl-3-methylimidazolium Hexafluorophosphate. <i>Journal of Chemical &amp; Engineering Data</i> , 2019, 64, 169-175.	1.0	15

#	ARTICLE	IF	CITATIONS
1733	Investigation of the performance of ionic liquids of removal of mercaptan/methanol from light oil: A computational and experimental study. <i>Fuel</i> , 2019, 239, 502-510.	3.4	9
1734	Task specific ionic liquid as solvent, catalyst and reagent for regioselective ring opening of epoxides in water. <i>Arabian Journal of Chemistry</i> , 2019, 12, 2098-2103.	2.3	3
1735	Preparation of REPO <sub>4</sub> (RE=La, Gd) nanorods from an ionic liquid extraction system and luminescent properties of CePO <sub>4</sub> :Tb <sup>3+</sup> . <i>Rare Metals</i> , 2019, 38, 122-127.	3.6	12
1736	Synthesis and assessment of a novel ionic material for removing polycyclic aromatic hydrocarbons with ultrasound. <i>Arabian Journal of Chemistry</i> , 2019, 12, 4982-4988.	2.3	4
1737	Application of molybdenum complexes for the oxidation of cyclohexane in acetonitrile, ionic liquid and supercritical CO <sub>2</sub> media, a comparative study. <i>Molecular Catalysis</i> , 2020, 482, 100356.	1.0	15
1738	Highly efficient [C <sub>8</sub> mim][Cl] ionic liquid accompanied with magnetite nanoparticles and different salts for interfacial tension reduction. <i>Chinese Journal of Chemical Engineering</i> , 2020, 28, 46-53.	1.7	2
1739	Synthesis and Characterization of Ionic Liquid Supported on Fe <sub>3</sub> O <sub>4</sub> Nanoparticles and a DFT Study of 1,3-Dipolar Cycloaddition for the Synthesis of Isoxazolidines in the Presence of Ionic Liquid-Fe <sub>3</sub> O <sub>4</sub> . <i>Polycyclic Aromatic Compounds</i> , 2020, 40, 574-584.	1.4	6
1740	Effect of the chain lengthening on transport properties of imidazolium-based ionic liquids. <i>Fluid Phase Equilibria</i> , 2020, 503, 112316.	1.4	24
1741	Characterization and evaluation of ionic liquids for use in rapidly-actuated hydraulic microvalves. <i>Sensors and Actuators B: Chemical</i> , 2020, 303, 127124.	4.0	7
1742	Highly efficient separation and extraction of vanadium from a multi-impurity leachate of vanadium shale using tri-n-octylmethylammonium chloride. <i>Separation and Purification Technology</i> , 2020, 230, 115842.	3.9	21
1743	Separation of the azeotropic mixture 2-propanol+water employing different imidazolium ionic liquids as solvents. <i>Journal of Chemical Thermodynamics</i> , 2020, 140, 105889.	1.0	21
1744	Dissolution of lignocellulosic biopolymers in ethanolamine-based protic ionic liquids. <i>Polymer Bulletin</i> , 2020, 77, 3637-3656.	1.7	18
1745	An analysis of radical diffusion in ionic liquids in terms of free volume theory. <i>Journal of Chemical Physics</i> , 2020, 152, 024502.	1.2	10
1746	Preparation of tough, thermally stable, and water-resistant double-network ion gels consisting of silica nanoparticles/poly(ionic liquid)s through photopolymerisation of an ionic monomer and subsequent solvent removal. <i>Soft Matter</i> , 2020, 16, 1572-1581.	1.2	15
1747	Separation and recovery of phenols from an aqueous solution by a green membrane system. <i>Journal of Cleaner Production</i> , 2020, 251, 119675.	4.6	27
1748	Physicochemical Properties of the Binary Mixtures of Cu <sup>II</sup> -Containing Chelate-Based Ionic Liquids with Linear Alcohols. <i>Industrial &amp; Engineering Chemistry Research</i> , 2020, 59, 897-904.	1.8	10
1749	Separation of lithium, cobalt and nickel from spent lithium-ion batteries using TBP and imidazolium-based ionic liquids. <i>Journal of Industrial and Engineering Chemistry</i> , 2020, 82, 269-277.	2.9	57
1750	Ionic liquids synthesis and applications: An overview. <i>Journal of Molecular Liquids</i> , 2020, 297, 112038.	2.3	662

#	ARTICLE	IF	CITATIONS
1751	Extraction of aromatics from aliphatics using a hydrophobic dicationic ionic liquid adjusted with small-content water. Separation and Purification Technology, 2020, 236, 116287.	3.9	16
1752	Apparent molar properties of trioctylmethylammonium based ionic liquids in toluene and dodecane at T <sub>A</sub> = $\bar{A}$ (293.15 to 328.15)K. Journal of Molecular Liquids, 2020, 299, 112186.	2.3	9
1753	New extraction media in microextraction techniques. A review of reviews. Microchemical Journal, 2020, 153, 104386.	2.3	57
1754	Green Solvents for the Extraction of High Added-Value Compounds from Agri-food Waste. Food Engineering Reviews, 2020, 12, 83-100.	3.1	102
1755	Removal of phenolic pollutants from wastewater streams using ionic liquids. Separation and Purification Technology, 2020, 236, 116310.	3.9	53
1756	Dehydroabietic acid-based chiral ionic liquids: Their synthesis and potential enantiomeric recognition ability. Tetrahedron, 2020, 76, 131567.	1.0	2
1757	Functionalized ionic liquids-supported metal organic frameworks for dispersive solid phase extraction of sulfonamide antibiotics in water samples. Analytica Chimica Acta, 2020, 1133, 88-98.	2.6	36
1758	Hydrophobic amine-based binary mixtures of active pharmaceutical and food grade ingredients: characterization and application in indium extraction from aqueous hydrochloric acid media. Green Chemistry, 2020, 22, 7047-7058.	4.6	15
1759	Understanding the Mechanism of Lithium Ion Extraction Using Tributyl Phosphate in Room Temperature Ionic Liquid. Solvent Extraction and Ion Exchange, 2020, 38, 777-799.	0.8	14
1760	BSA adsorption, anthelmintic activity and swelling behavior of poly (N-cyclohexyl acrylamide-co-AMPS) Tj ETQq1 1 0,784314 rgBT /Ov	2.3	4
1761	Separation of precious metals by split-anion extraction using water-saturated ionic liquids. Green Chemistry, 2020, 22, 8375-8388.	4.6	41
1762	Cohesiveness and Nondiffusive Rotational Jump Dynamics of Protic Ionic Liquid from Dispersion-Corrected FPMD Simulations. Journal of Physical Chemistry B, 2020, 124, 10752-10765.	1.2	5
1763	Molecular simulation of osmometry in aqueous solutions of the BMIMCl ionic liquid: a potential route to force field parameterization of liquid mixtures. Physical Chemistry Chemical Physics, 2020, 22, 28325-28338.	1.3	3
1764	Liquid Marbles as Miniature Reactors for Chemical and Biological Applications. Processes, 2020, 8, 793.	1.3	60
1765	Determination of Hansen Solubility Parameters of Ionic Liquids by Using Walden Plots. Industrial & Engineering Chemistry Research, 2020, 59, 14217-14223.	1.8	4
1766	Ionic liquid-based membranes for water softening. , 2020, , 239-286.		1
1767	Selective Cobalt over Nickel separation using neat and confined ionic liquids. Journal of Environmental Chemical Engineering, 2020, 8, 104319.	3.3	10
1768	Malonamide-Functionalized Ionic Liquid for Recovery of Rare-Earth Metals from End-Of-Life Products (Lamp Phosphors). ACS Sustainable Chemistry and Engineering, 2020, 8, 18706-18711.	3.2	12

#	ARTICLE	IF	CITATIONS
1769	Application of dicyanamide-based ionic liquid in separation of binary mixtures based on gamma infinity data measurements. <i>Journal of Molecular Liquids</i> , 2020, 310, 113176.	2.3	7
1770	Concentrating water-soluble ionic liquids from aqueous solutions: Osmotic distillation with hydrophobic membranes. <i>Journal of Membrane Science</i> , 2020, 608, 118222.	4.1	11
1771	Recent Trends in Removal Pharmaceuticals and Personal Care Products by Electrochemical Oxidation and Combined Systems. <i>Water (Switzerland)</i> , 2020, 12, 1043.	1.2	34
1772	Ionic liquids in separation and preconcentration of organic and inorganic species. , 2020, , 267-318.		3
1773	Ionic liquids: Promising compounds for sustainable chemical processes and applications. <i>Chemical Engineering Research and Design</i> , 2020, 160, 264-300.	2.7	123
1774	Efficient Extraction of Lithium Ions from High Mg/Li Ratio Brine through the Synergy of <sc>TBP</sc> and Hydroxyl Functional Ionic Liquids. <i>Chinese Journal of Chemistry</i> , 2020, 38, 1743-1751.	2.6	17
1775	Beyond Mechanical Recycling: Giving New Life to Plastic Waste. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 15402-15423.	7.2	809
1776	Extraction of carotenoids and applications. , 2020, , 259-288.		13
1777	Die nächste Generation des Recyclings â€œ neues Leben fÃ¼r KunststoffmÃ¼ll. <i>Angewandte Chemie</i> , 2020, 132, 15524-15548.	1.6	62
1778	Phenoxy Dicarboxylate-Type Functionalized Ionic Liquids for Selective Recovery of Valuable Metals. <i>Industrial &amp; Engineering Chemistry Research</i> , 2020, 59, 14075-14084.	1.8	7
1779	Effects of water on the structure and transport properties of room temperature ionic liquids and concentrated electrolyte solutions. <i>Chinese Physics B</i> , 2020, 29, 087804.	0.7	2
1780	Hydrometallurgical Recovery of Rare Earth Elements from NdFeB Permanent Magnet Scrap: A Review. <i>Metals</i> , 2020, 10, 841.	1.0	49
1781	Controlling the reactions of 1-bromogalactose acetate in methanol using ionic liquids as co-solvents. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 5442-5452.	1.5	8
1782	Hyaluronic Acidâ€™Cellulose Composites as Patches for Minimizing Bacterial Infections. <i>ACS Omega</i> , 2020, 5, 4125-4132.	1.6	22
1783	Osmotic pressure as driving force for recovering ionic liquids from aqueous solutions. <i>Journal of Membrane Science</i> , 2020, 599, 117835.	4.1	16
1784	Comprehensive experimental study of acid gases removal process by membrane-assisted gas absorption using imidazolium ionic liquids solutions absorbent. <i>Separation and Purification Technology</i> , 2020, 239, 116578.	3.9	33
1785	The Influence of Ionic Liquids on the Effectiveness of Analytical Methods Used in the Monitoring of Human and Veterinary Pharmaceuticals in Biological and Environmental Samplesâ€™Trends and Perspectives. <i>Molecules</i> , 2020, 25, 286.	1.7	16
1786	Extraction of tetravalent uranium by N,N',N',N'-tetramethylmalonamide in ionic liquid. <i>Separation and Purification Technology</i> , 2020, 240, 116629.	3.9	12

#	ARTICLE	IF	CITATIONS
1787	Review of Recent Aromaticâ€“Aliphaticâ€“Ionic Liquid Ternary Liquidâ€“Liquid Equilibria and Their Modeling by COSMO-RS. <i>Industrial &amp; Engineering Chemistry Research</i> , 2020, 59, 8871-8893.	1.8	25
1788	Effectiveness of toluene separation from gas phase using supported ammonium ionic liquid membrane. <i>Chemical Engineering Science</i> , 2020, 219, 115605.	1.9	5
1789	Task-specific Ionic Liquids as a Green Catalysts and Solvents for Organic Synthesis. <i>Current Green Chemistry</i> , 2020, 7, 105-119.	0.7	22
1790	Structures and non-covalent interaction behaviours of binary systems containing the ionic liquid 1-(2-hydroxyethyl)-3-methylimidazolium bis(trifluoromethylsulfonyl)imide and chloroform. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 244, 118843.	2.0	1
1791	A sustainable [P6,6,6,14]2[OPBOA]-based separation process of rare earth and transition metal in waste NiMH battery. <i>Minerals Engineering</i> , 2021, 160, 106641.	1.8	8
1792	Towards the potential of trihexyltetradecylphosphonium indazolidine with aprotic heterocyclic ionic liquid as an efficient absorbent for membrane-assisted gas absorption technique for acid gas removal applications. <i>Separation and Purification Technology</i> , 2021, 257, 117835.	3.9	12
1793	A review on lithium recovery using electrochemical capturing systems. <i>Desalination</i> , 2021, 500, 114883.	4.0	96
1794	A highly-efficient hybrid technique â€“ Membrane-assisted gas absorption for ammonia recovery after the Haber-Bosch process. <i>Chemical Engineering Journal</i> , 2021, 421, 127726.	6.6	20
1795	Effect of ionic liquid octyltriphenylphosphoniumâ€“chelated orthoborates on flame retardance of epoxy. <i>Polymers for Advanced Technologies</i> , 2021, 32, 1579-1596.	1.6	7
1796	Effect of supramolecular polymeric aggregation in room temperature ionic liquids (RTILs) on catalytic activity in the synthesis of 4H-chromene derivatives and Knoevenagel condensation. <i>Journal of Molecular Liquids</i> , 2021, 322, 114503.	2.3	11
1797	Solvent extraction of rare earths elements from nitrate media in DMDOHEMA/ionic liquid systems: performance and mechanism studies. <i>RSC Advances</i> , 2021, 11, 31197-31207.	1.7	4
1798	Effect of ionic liquid on the long-term structural and chemical stability of basidiomycetes DNAs integrated within Schottky-like junctions. <i>Applied Physics A: Materials Science and Processing</i> , 2021, 127, 1.	1.1	1
1799	Biocatalysis in nonaqueous media. , 2021, , 125-142.		0
1800	Structure, Molecular Interactions, and Dynamics of Aqueous [BMIM][BF <sub>4</sub> ] Mixtures: A Molecular Dynamics Study. <i>Journal of Physical Chemistry B</i> , 2021, 125, 1227-1240.	1.2	12
1801	Ionic Liquid-Functionalized Magnetic Metalâ€“Organic Framework Nanocomposites for Efficient Extraction and Sensitive Detection of Fluoroquinolone Antibiotics in Environmental Water. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 5357-5367.	4.0	75
1802	Overview of Raman Spectroscopy: Fundamental to Applications. <i>Progress in Optical Science and Photonics</i> , 2021, , 145-184.	0.3	2
1803	Ionic Liquids for the Recovery of Rare Earth Elements from Coal Combustion Products. , 2021, , 617-638.		2
1804	One-pot synthesis of 3-aminofurans using a simple and efficient recyclable CuI/[bmim]PF <sub>6</sub> system. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 7438-7445.	1.5	4



#	ARTICLE	IF	CITATIONS
1805	Conversion of Glucose to 5-Hydroxymethylfurfural, Levulinic Acid, and Formic Acid in 1,3-Dibutyl-2-(2-butoxyphenyl)-4,5-diphenylimidazolium Iodide-Based Ionic Liquid. <i>Applied Sciences</i> (Switzerland), 2021, 11, 989.	1.3	20
1806	Solvent Extraction of Lanthanides(III) from Nitric Acid Solutions with Novel Functionalized Ionic Liquids Based on the Carbamoyl(methyl)phosphine Oxide Pattern in Molecular Diluents. <i>Solvent Extraction and Ion Exchange</i> , 0, , 1-13.	0.8	4
1807	Integration of Stable Ionic Liquid-Based Nanofluids into Polymer Membranes. Part I: Membrane Synthesis and Characterization. <i>Nanomaterials</i> , 2021, 11, 607.	1.9	10
1808	Acidified Ionic Liquid Assisted Recovery of Vanadium and Nickel from Oilsands Bitumen. <i>Energy &amp; Fuels</i> , 2021, 35, 5963-5974.	2.5	4
1809	Multiproduct Microalgae Biorefineries Mediated by Ionic Liquids. <i>Trends in Biotechnology</i> , 2021, 39, 1131-1143.	4.9	19
1810	Coalescence dynamics of two droplets of different viscosities in T-junction microchannel with a funnel-typed expansion chamber. <i>Chinese Journal of Chemical Engineering</i> , 2021, 38, 43-52.	1.7	2
1811	Insights into the relationships between physicochemical properties, solvent performance, and applications of deep eutectic solvents. <i>Environmental Science and Pollution Research</i> , 2021, 28, 35537-35563.	2.7	65
1812	Properties and mechanism of a poly(ionic liquid) inhibitor contained bi-functional groups for bentonite hydration. <i>Journal of Applied Polymer Science</i> , 2021, 138, 51253.	1.3	4
1813	Two-Binary-Interaction-Parameter Model for Molecular Solute + Ionic Liquid Solution. <i>Industrial &amp; Engineering Chemistry Research</i> , 2021, 60, 11490-11501.	1.8	4
1814	<i>In Situ</i> Preconcentration during the Di-(2-ethylhexyl) Phosphoric Acid-Assisted Dissolution of Uranium Trioxide in an Ionic Liquid: Spectroscopic, Electrochemical, and Theoretical Studies. <i>Inorganic Chemistry</i> , 2021, 60, 10147-10157.	1.9	9
1815	Diglycolamide Based Mono and Di-Ionic Liquids Having Imidazolium Cation for Effective Extraction and Separation of Pb(II) and Co(II). <i>Russian Journal of Inorganic Chemistry</i> , 2021, 66, 1040-1046.	0.3	3
1816	A review on alternative lubricants: Ionic liquids as additives and deep eutectic solvents. <i>Journal of Molecular Liquids</i> , 2021, 333, 116004.	2.3	34
1817	Au Nanofiber/CNT 1D/1D Composites Formed Via Redox Reaction at the Ionic Liquid/Water Interface. <i>Langmuir</i> , 2021, 37, 9553-9559.	1.6	3
1818	Anionic dependency of electronic and nonlinear optical properties of ionic liquids. <i>Journal of Molecular Liquids</i> , 2022, 345, 117030.	2.3	10
1819	Recent Advances in Application of Ionic Liquids in Electrolyte of Lithium Ion Batteries. <i>Journal of Energy Storage</i> , 2021, 40, 102659.	3.9	80
1820	Preparation of carbonyl rhodium polyether guanidinium ionic liquids and application in asymmetric hydroformylation based on homogeneous catalysis-biphasic separation system. <i>Journal of Organometallic Chemistry</i> , 2021, 948, 121931.	0.8	5
1821	Enhancing the catalytic activity of MnO <sub>2</sub> via structural phase transition for propane combustion: Promotional role of ionic liquid. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106453.	3.3	5
1822	Identification and Screening of Potential Organic Solvents for the Liquid-Liquid Extraction of Aromatics. <i>Organic Process Research and Development</i> , 2021, 25, 2230-2248.	1.3	12

#	ARTICLE	IF	CITATIONS
1823	Oxidative degradation of acetaminophen using superoxide ion generated in ionic liquid/aprotic solvent binary system. Separation and Purification Technology, 2021, 270, 118730.	3.9	7
1824	Analytical developments and applications of ionic liquids for environmental studies. Trends in Environmental Analytical Chemistry, 2021, 31, e00131.	5.3	14
1825	n-Butane, iso-Butane and 1-Butene Adsorption on Imidazolium-Based Ionic Liquids Studied with Molecular Beam Techniques. Chemistry - A European Journal, 2021, 27, 17059-17065.	1.7	3
1826	Enhanced mechanical and thermal properties of ionic liquid core/silica shell microcapsules-filled epoxy microcomposites. Polymer, 2021, 233, 124182.	1.8	10
1827	Modeling the density and the second-order thermodynamic derivative properties of imidazolium-, cyano-based ionic liquids using the SAFT- $\dot{\gamma}$ EoS. Fluid Phase Equilibria, 2021, 548, 113190.	1.4	2
1828	Green nanomaterials: An overview. , 2022, , 43-80.		10
1829	Highly conductive organic-ionogels with excellent hydrophobicity and flame resistance. Chemical Engineering Journal, 2022, 427, 131057.	6.6	20
1830	Advances in the Bioremediation of Pharmaceuticals and Personal Care Products (PPCPs): Polluted Water and Soil. Microorganisms for Sustainability, 2021, , 323-358.	0.4	2
1831	Sustainability of solvent extraction techniques in pollution prevention and control. , 2021, , 33-66.		3
1832	Green synthesized Zn-based catalysts. , 2021, , 93-121.		0
1833	Recent Progress in Ionic Liquid Extraction for the Separation of Rare Earth Elements. Analytical Sciences, 2021, 37, 119-130.	0.8	36
1838	Fundamental Principle and Practices of Solvent Extraction (SX) and Supported Liquid Membrane (SLM) Process for Extraction and Separation of Rare Earth Metal(s). , 2020, , 57-85.		2
1839	Aluminum Reduction via Near Room Temperature Electrolysis in Ionic Liquids. , 2016, , 1100-1106.		5
1840	General Concepts and Definitions of Aqueous Two-Phase Systems. Food Engineering Series, 2017, , 1-18.	0.3	7
1841	Room Temperature Ionic Liquids as Replacements for Traditional Organic Solvents and Their Applications Towards "Green Chemistry" in Separation Processes. , 2003, , 137-156.		10
1842	Application of Room-Temperature Ionic Liquids to the Chemical Processing of Biomass-Derived Feedstocks. , 2003, , 157-171.		2
1843	Extraction of Heavy Metal Ions Using Ionic Liquids. , 2019, , 1-8.		5
1845	Selecting Ionic Liquids to Enhance and Control Reaction Outcomes. , 2018, , .		5



#	ARTICLE	IF	CITATIONS
1867	A mini review on synthesis, properties and applications of deep eutectic solvents. Journal of the Indian Chemical Society, 2021, 98, 100210.	1.3	52
1868	High-Throughput Method for Natural Organic Matter Hydrophobicity Assessment Using an Ionic Liquid-Based Aqueous Two-Phase System. Environmental Science & Technology, 2021, 55, 13953-13960.	4.6	4
1869	Ionic Liquids and Supercritical Co <sub>2</sub> . , 2003, , 403-418.		0
1870	Ionic Liquids for Oil Shale Treatment. , 2003, , 193-208.		1
1871	Versatile Ionic Liquids as Green Solvents. , 2004, , 232-239.		0
1872	EFFECT OF IMIDAZOLIUM-BASED IONIC LIQUIDS ON THE PHOTOSYNTHETIC ACTIVITY AND GROWTH RATE OF SELENASTRUM CAPRICORNUTUM. Environmental Toxicology and Chemistry, 2007, preprint, 1.	2.2	8
1873	Chemical-Structural characterization of lignin extracted from Pitch Pine with Ionic Liquid (1-ethyl-3-methylimidazolium acetate)Pine with Ionic Liquid (1-ethyl-3-methylimidazolium acetate). Journal of the Korean Wood Science and Technology, 2012, 40, 194-203.	0.8	4
1874	Computer-Based Acoustic Detector for Determining the Type and Concentration of a Solution. Journal of Applied Research and Technology, 2012, 10, .	0.6	1
1875	A Review on the Application of Ionic Liquids for the Radioactive Waste Processing. Journal of Nuclear Fuel Cycle and Waste Technology, 2014, 12, 45-57.	0.1	1
1876	Chemical Modification and Characterization of Yeast Cells for Extraction of Metal Ion in Water Sample. Journal of Advances in Chemistry, 2014, 10, 3037-3041.	0.1	0
1877	Modelagem computacional de lÃquidos iÃnicos. , 2018, , 158-184.		0
1878	Ionic Liquids. RSC Energy and Environment Series, 2019, , 69-105.	0.2	0
1879	Investigation of Different Ionic Liquids in Improving Oil Recovery Factor. Advances in Chemical Engineering and Science, 2019, 09, 87-98.	0.2	2
1880	Magnetic/Ionic Liquids for the Extraction of Phenolic Compounds from Aqueous Medium. , 2019, , 1-9.		0
1881	Effect of ionic liquid on the extraction of uranium with pillar[5]arene-based phosphine oxide from nitric acid solutions. Radiochimica Acta, 2020, 108, 239-247.	0.5	4
1882	Extraction of Uranium from Aqueous Solution of Nitric Acid and Organic Solvent Using Ionic Liquid. Asian Journal of Chemistry, 2020, 33, 43-48.	0.1	0
1883	A Review on Ionic Liquids as Novel Absorbents for SO <sub>2</sub> Removal. Water Science and Technology Library, 2020, , 285-307.	0.2	2
1884	Enhanced separation of nitrophenols from wastewater by using ammonium ionic liquid with thiocyanate anion in supported liquid membrane. Separation Science and Technology, 0, , 1-14.	1.3	0

#	ARTICLE	IF	CITATIONS
1885	Type of green solvents used in separation and preconcentration methods. , 2020, , 207-266.		10
1886	Extraction and Nano-Sized Delivery Systems for Phlorotannins to Improve Its Bioavailability and Bioactivity. <i>Marine Drugs</i> , 2021, 19, 625.	2.2	6
1887	Liquid-liquid mass transfer in microfluidic reactors: Assumptions and realities of non-ideal systems. <i>Chemical Engineering Science</i> , 2022, 248, 117232.	1.9	5
1888	A molecular view of plasticization of polyvinyl alcohol. <i>Journal of Chemical Physics</i> , 2021, 155, 174903.	1.2	3
1889	Green Solvent: Green Shadow on Chemical Synthesis. <i>Current Organic Synthesis</i> , 2020, 17, 426-439.	0.7	4
1891	Novel Bis(diphenylcarbamoylmethylphosphine oxide) Ligand for Effective Extraction of Actinides and Lanthanides from Nitric Acid Solutions. <i>Solvent Extraction and Ion Exchange</i> , 2022, 40, 493-517.	0.8	2
1892	Structure and dynamics of nanoconfined water and aqueous solutions. <i>European Physical Journal E</i> , 2021, 44, 136.	0.7	38
1893	Ionic Liquids and Water: Hydrophobicity vs. Hydrophilicity. <i>Molecules</i> , 2021, 26, 7159.	1.7	19
1894	Optimized extraction of Pb (II) and Co (II) with glycolamide mono and diâ€ionic liquids using response surface methodology. <i>Journal of Chemometrics</i> , 2021, 35, e3382.	0.7	2
1895	Synthesis, structure and Hirshfeld surface analysis of a series of novel low melting salts without alkyl groups. <i>CrystEngComm</i> , 2021, 23, 8150-8158.	1.3	1
1896	Efficient and sustainable separation of yttrium from heavy rare earth using functionalized ionic liquid [N1888][NDA]. <i>Separation and Purification Technology</i> , 2022, 285, 120302.	3.9	11
1897	Are ionic liquids eco-friendly?. <i>Renewable and Sustainable Energy Reviews</i> , 2022, 157, 112039.	8.2	81
1898	Strategy for Sustainable and Green Chromatographic Separation Science: Innovation, Technology and Application. <i>Current Chromatography</i> , 2020, 7, 5-16.	0.1	1
1899	Recent Advances in Utilization of Deep Eutectic Solvents: An Environmentally Friendly Pathway for Multi-component Synthesis. <i>Current Organic Chemistry</i> , 2022, 26, 299-323.	0.9	15
1900	Physico-chemical characterization of aqueous solutions of superbase ionic liquids with cellulose dissolution capability. <i>Fluid Phase Equilibria</i> , 2022, 556, 113414.	1.4	15
1901	Thermodynamic study of binary mixtures of 2-propanol with ionic liquids, 1-hexyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide, 1-hexyl-3-methylimidazolium trifluoromethanesulfonate and triethylhexylammonium bis(trifluoromethylsulfonyl)imide. <i>Journal of Chemical Thermodynamics</i> , 2022, 171, 106789.	1.0	4
1902	Extractive Fermentation Processes: Modes of Operation and Application. <i>ChemBioEng Reviews</i> , 2022, 9, 146-163.	2.6	13
1903	Trihexyl(tetradecyl)phosphonium bis-2,4,4-(trimethylpentyl)phosphinate micellar behavior in the extraction of Ag(I) from acidic nitrate media. <i>Journal of Molecular Liquids</i> , 2022, 358, 119132.	2.3	6

#	ARTICLE	IF	CITATIONS
1904	Long-Range Organization Study of Piperidinium-Based Ionic Liquids by Polarizable Molecular Dynamics Simulations. <i>Journal of Physical Chemistry B</i> , 2022, 126, 3355-3365.	1.2	3
1905	Uses of ionic liquids to obtain bioactive compounds: insights from the main international regulations for technological applications. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 9217-9232.	5.4	4
1906	Extraction Behavior of Metal-Thiocyanato Complexes into Third Phase Formed in an Ionic Liquid Extraction System Using Trioctylphosphine Oxide. <i>Solvent Extraction Research and Development</i> , 2022, 29, 61-66.	0.5	0
1907	Ionic liquids for carbon capture. <i>MRS Bulletin</i> , 2022, 47, 395-404.	1.7	11
1908	Effects of Operational Conditions on the Extraction of Rhodium by Liquid Surfactant Membranes Containing Imidazolium Cations as a Carrier. <i>Kagaku Kogaku Ronbunshu</i> , 2022, 48, 81-85.	0.1	0
1909	Synthesis of aprotic ionic liquids. <i>Nature Reviews Methods Primers</i> , 2022, 2, .	11.8	17
1910	Clean and efficient synthesis of 3-aminoindolizines in one-pot using recyclable CuCN/[bmim]PF <sub>6</sub> system. <i>Synthetic Communications</i> , 2022, 52, 1254-1267.	1.1	1
1911	Thermal stability limits of imidazolium, piperidinium, pyridinium, and pyrrolidinium ionic liquids immobilized on metal oxides. <i>Journal of Molecular Liquids</i> , 2022, 363, 119804.	2.3	7
1912	Advances on potential-driven growth of metal crystals from ionic liquids. <i>Progress in Crystal Growth and Characterization of Materials</i> , 2022, 68, 100580.	1.8	3
1913	Application of acidic deep eutectic solvents in green extraction of 5-hydroxymethylfurfural. <i>Scientific Reports</i> , 2022, 12, .	1.6	4
1914	Liquid-Liquid Equilibrium Data for [Mmim][DMP] + Salt Aqueous Biphasic Systems and Their Application for [Mmim][DMP] Recovery. <i>Journal of Chemical &amp; Engineering Data</i> , 0, , .	1.0	0
1915	Transport behaviour and FT-IR study of some protein model compounds in 1-butyl-3-methylimidazolium bromide mixtures at different temperatures. <i>Journal of Molecular Liquids</i> , 2022, 365, 120113.	2.3	1
1916	Unveiling the mechanism of liquid-liquid extraction separation of Li <sup>+</sup> /Mg <sup>2+</sup> using tributyl phosphate/ionic liquid mixed solvents. <i>Journal of Molecular Liquids</i> , 2022, 365, 120080.	2.3	7
1917	Liquid-liquid extraction of phenolic compounds from aqueous solution using hydrophobic deep eutectic solvents. <i>Journal of Molecular Liquids</i> , 2022, 366, 120266.	2.3	13
1918	Solid-liquid extraction of polyphenols. , 2022, , 73-112.		0
1919	Phosphonium based ionic liquids: Potential green solvents for separation of butanol from aqueous media. <i>Korean Journal of Chemical Engineering</i> , 2022, 39, 2736-2742.	1.2	2
1920	Density, Viscosity, and Refractive Index of a Choline Chloride + (α)-Fructose Deep Eutectic Solvent + Water Mixture at Different Temperatures: An Experimental Study and Thermodynamic Modeling. <i>Journal of Chemical &amp; Engineering Data</i> , 2022, 67, 3007-3021.	1.0	4
1921	Influencing the froth flotation of LiAlO <sub>2</sub> and melilite solid solution with ionic liquids. <i>RSC Advances</i> , 2022, 12, 29562-29568.	1.7	1



#	ARTICLE	IF	CITATIONS
1922	Modification of conventional peak shapes to accurately represent spectral asymmetry: High-Resolution X-ray photoelectron spectra of [C4C1Pyr][NTf2] and [C8C1Im][NTf2] ionic liquids. Applied Surface Science, 2023, 611, 155314.	3.1	0
1923	Applications of spectroscopic techniques to the study of monomer-dimer equilibria for methylene blue in aqueous solutions containing ionic liquid: Probing the structural interactions involving water and ionic liquids. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2023, 287, 122058.	2.0	1
1924	Ionic liquid-modulated synthesis of MnO2 nanowires for promoting propane combustion: Microstructure engineering and regulation mechanism. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2023, 656, 130431.	2.3	1
1925	Preparation of imidazolium based polymerized ionic liquids gel polymer electrolytes for high-performance lithium batteries. Materials Chemistry and Physics, 2023, 293, 126971.	2.0	15
1926	Selective recovery of rare earth elements from e-waste via ionic liquid extraction: A review. Separation and Purification Technology, 2023, 306, 122699.	3.9	13
1927	Water-pluronic-ionic liquid based microemulsions: Preparation, characterization and application as micro-reactor for enhanced catalytic activity of Cytochrome-c. Colloids and Surfaces B: Biointerfaces, 2023, 222, 113034.	2.5	2
1928	Imidazolium-Modified Silica Gel for Highly Selective Preconcentration of Ag(I) from the Nitric Acid Medium. Chemistry, 2022, 4, 1702-1713.	0.9	1
1929	Liquid-Liquid Equilibria of Binary and Ternary Systems Containing Ionic Liquids. , 2022, , 821-827.		0
1930	Ionic Liquids/Water Binary Mixtures Mediated Organic Reactions. , 2022, , 789-801.		0
1931	Recapitulation on the separation and purification of biomolecules using ionic liquid-based aqueous biphasic systems. , 2023, , 23-62.		0
1932	Antibacterial properties of silver nanoparticles synthesized in ionic liquids. , 2023, , 465-476.		0
1933	Ionic Liquids Containing Silsesquioxane and Cyclic Siloxane Frameworks. Chemical Record, 2023, 23, .	2.9	0
1934	Ionic liquids as valuable assets in extraction techniques. , 2023, , 199-221.		0
1935	Spectroscopic and Electrochemical Investigation of Uranium and Neptunium in Chloride Room-Temperature Ionic Liquids. Inorganic Chemistry, 2023, 62, 5186-5199.	1.9	1
1936	Reactive precipitation of titanium dioxide particles in supercritical CO2 by SAS technique with an ionic liquid as adjuvant. Brazilian Journal of Chemical Engineering, 0, , .	0.7	0
1937	An overview process analysis of the aromatic-aliphatic separation by liquid-liquid extraction with ionic liquids. Separation and Purification Technology, 2023, 316, 123848.	3.9	6
1939	Ionic Liquids as Designer Solvents. , 2009, , 41-64.		0
1940	Magnetic/Ionic Liquids for the Extraction of Phenolic Compounds from Aqueous Medium. , 2022, , 829-837.		0

#	ARTICLE	IF	CITATIONS
1941	Extraction of Heavy Metal Ions Using Ionic Liquids. , 2022, , 403-410.		1
1942	Cellulose Gel Mechanoreceptors â€“ Principles, Applications and Prospects. <i>Advanced Functional Materials</i> , 2023, 33, .	7.8	9
1943	Diffusion Measurements To Understand Dynamics and Structuring in Solutions Involving a Homologous Series of Ionic Liquids. <i>ChemPhysChem</i> , 0, , .	1.0	0
1944	Ionic liquids as green solvents in process industry for reaction and separation: emphasizing on protocatechuic acid recovery. <i>Chemical Engineering Communications</i> , 2023, 210, 2138-2145.	1.5	5
1945	Isolation and characterization of <i>Priestia megaterium</i> KD7 for the biological control of pear fire blight. <i>Frontiers in Microbiology</i> , 0, 14, .	1.5	2
1946	Synthesis and characterization of amide-Functionalized analogues of glycine-betaine based ionic liquids and an exemplified use for the separation of copper(II) and cobalt(II). <i>Separation Science and Technology</i> , 2023, 58, 1689-1702.	1.3	1
1957	Ionic Liquids in Green Sample Preparation. , 2023, , 179-211.		0
1960	Binary mixtures and Ionic liquids: Effect of thermodynamic and thermophysical factors. , 2023, , 267-287.		0
1961	Novel and innovative ionic liquids based electrolytes and their applications in batteries. , 2023, , 313-335.		0
1963	Green nanomaterials for sorbent-based extraction techniques in food analysis. <i>Comprehensive Analytical Chemistry</i> , 2023, , .	0.7	0
1966	Ionic Liquids for Analysis of Heavy Metals in Waters. , 2023, , 144-171.		0
1968	Liquid-liquid extraction in the food industry. , 2024, , 45-76.		0