CITATION REPORT List of articles citing

Room-Temperature Ionic Liquids. Solvents for Synthesis and Catalysis

DOI: 10.1021/cr980032t Chemical Reviews, 1999, 99, 2071-2084.

Source: https://exaly.com/paper-pdf/30495248/citation-report.pdf

Version: 2024-04-19

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
2298	Indian Journal of Advances in Chemical Science.		
2297	Molecular Resolution in situ Imaging of Spontaneous Graphene Exfoliation.		
2296	Ionic Liquids. 1999 , 1, 223-236		208
2295	Vanadium Oxide Complexes in Room-Temperature Chloroaluminate Molten Salts. 1999 , 38, 5709-5715		23
2294	Technische Chemie 1999. 2000 , 48, 359-363		1
2293	A Novel N-Heterocyclic carbene of Platinum(Ii): Synthesis in Ionic Liquids and Crystal Structure. 2000 , 2000, 392-393		12
2292	Eine Nickel-katalysierte Kreuzkupplung von Arylchloriden mit Aryl-Grignard-Reagentien. 2000 , 112, 167	'2-167	4 49
2291	An Ionic Liquid as Catalyst Medium for Stereoselective Hydrogenations of Sorbic Acid with Ruthenium Complexes. 2000 , 342, 348-354		44
2290	Ba3SiI2, a Double Salt of Barium Iodide and the Zintl Phase Ba2Si. 2000 , 152, 460-465		12
2289	Ionische Flßsigkeiten [heue [lßungen[ff] die Bergangsmetallkatalyse. 2000 , 112, 3926-3945		561
2288	Ionic Liquids-New "Solutions" for Transition Metal Catalysis. 2000 , 39, 3772-3789		4799
2287	Polarity study of some 1-alkyl-3-methylimidazolium ambient-temperature ionic liquids with the solvatochromic dye, Nile Red. 2000 , 13, 591-595		503
2286	Ionic liquid modified electrodes. Unusual partitioning and diffusion effects of Fe(CN)64 🖾 🗓 n droplet and thin layer deposits of 1-methyl-3-(2,6-(S)-dimethylocten-2-yl)-imidazolium tetrafluoroborate. 2000 , 493, 75-83		114
2285	A course in environmentally conscious chemical process design. 2000 , 24, 1375-1380		1
2284	Ion-molecular reactions of free phenylium ions, generated by tritium 毗ecay with group VIJII elements. 2000 , 41, 5303-5306		12
2283	Rate accelerations of 1,3-dipolar cycloaddition reactions in ionic liquids. 2000 , 41, 7351-7355		128
2282	Tetraallylstannane and Weinreb amides: a simple greenfroute to N-protected homoallylic alcohols and allyl ketones. 2000 , 41, 8147-8151		27

(2001-2000)

2281	Stereoselective synthesis of electrophilic spirocyclopropanes in ionic liquids. 2000 , 41, 8977-8980	26
2280	Ionic liquids in regioselective platinum-catalysed hydroformylation. 2000 , 164, 61-67	84
2279	An efficient synthesis of 2,5-diketopiperazine derivatives by the Ugi four-center three-component reaction. 2003 , 6, 283-6	27
2278	Influence of chloride, water, and organic solvents on the physical properties of ionic liquids. 2000 , 72, 2275-2287	1942
2277	Ionic liquids. Green solvents for the future. 2000 , 72, 1391-1398	2272
2276	Ionic Phosphine Ligands with Cobaltocenium Backbone: Novel Ligands for the Highly Selective, Biphasic, Rhodium-Catalyzed Hydroformylation of 1-Octene in Ionic Liquids. 2000 , 19, 3818-3823	172
2275	Palladium-catalyzed synthesis of aqueous, fluorous, and supercritical CO2-soluble phosphines. 2000 , 2, 2675-7	41
2274	Liquid[liquid Equilibria for Toluene + Heptane + 1-Ethyl-3-methylimidazolium Triiodide and Toluene + Heptane + 1-Butyl-3-methylimidazolium Triiodide 2000, 45, 841-845	154
2273	Designing Ionic Liquids: Imidazolium Melts with Inert Carborane Anions. 2000 , 122, 7264-7272	337
2272	Traditional Extractants in Nontraditional Solvents: Groups 1 and 2 Extraction by Crown Ethers in Room-Temperature Ionic Liquids 2000 , 39, 3596-3604	560
2271	Novel Class of Ionic Metallomesogens without Organic Ligands: Thermotropic Liquid-Crystalline Behavior of Tetrachlorometalate Salts and Distinct Polymorphic Transition in Smectic A Phases. 2000 , 12, 3776-3782	23
2270	Lipase-catalyzed reactions in ionic liquids. 2000 , 2, 4189-91	494
2269	High-Pressure Phase Behavior of Ionic Liquid/CO2 Systems. 2001 , 105, 2437-2444	845
2268	Spontaneous Self-Assembly of Glycolipid Bilayer Membranes in Sugar-philic Ionic Liquids and Formation of Ionogels. 2001 , 17, 6759-6761	300
2267	Solution Thermodynamics of Imidazolium-Based Ionic Liquids and Water. 2001 , 105, 10942-10949	606
2266	The Literature of Heterocyclic Chemistry, Part VII: 1997¶999. 2001 , 79, 199-318	16
2265	Salt effects on Diels-Alder reaction kinetics. <i>Chemical Reviews</i> , 2001 , 101, 1-19 68.1	212
2264	New Binary Room-Temperature Molten Salt Electrolyte Based on Urea and LiTFSI. 2001 , 105, 9966-9969	66

2263	N,N'-dialkylimidazolium chloroplatinate(II), chloroplatinate(IV), and chloroiridate(IV) salts and an N-heterocyclic carbene complex of platinum(II): synthesis in ionic liquids and crystal structures. 2001 , 40, 795-800	96
2262	Ruthenium-catalyzed olefin metathesis in ionic liquids. 2001 , 3, 3785-7	121
2261	The Cybotactic Region Surrounding Fluorescent Probes Dissolved in 1-Butyl-3-methylimidazolium Hexafluorophosphate: Effects of Temperature and Added Carbon Dioxide. 2001 , 105, 9663-9668	197
2260	Perspective on the Relationship between Melting Points and Chemical Structure. 2001 , 1, 261-265	140
2259	In Situ Formation of Mixed Phosphinelimidazolylidene Palladium Complexes in Room-Temperature Ionic Liquids. 2001 , 20, 3848-3850	149
2258	Kinetic and density functional studies on alkyl-carbene elimination from Pd(II) heterocylic carbene complexes: a new type of reductive elimination with clear implications for catalysis. 2001 , 123, 4029-40	211
2257	Stereoselective halogenations of alkenes and alkynes in ionic liquids. 2001 , 3, 1061-3	94
2256	New Ionic Liquids and Their Antielectrostatic Properties. 2001 , 40, 2379-2383	156
2255	Metal Complexes of Stable Carbenes**Dedicated to Professor Henri Brunner on the occasion of his 65th birthday 2001 , 1-69	166
2254	Electrochemical Generation of Superoxide in Room-Temperature Ionic Liquids. 2001, 4, D16	136
2253	Friedel-Crafts sulfonylation in 1-butyl-3-methylimidazolium chloroaluminate ionic liquids. 2001 , 66, 8616-20	142
2252	Ionic Liquids: Novel Media for Characterization of Radical Ions. 2001 , 105, 9305-9309	90
2251	Preparation of silyl enol ethers using (bistrimethylsilyl)acetamide in ionic liquids. 2001, 3, 1037-9	36
2250	Electrical Conductance of Sodium Dodecyl Sulfate in Calcium Nitrate Tetrahydrate + Acetamide Melts. 2001 , 46, 574-576	5
2249	Reaction Kinetics in Ionic Liquids: Pulse Radiolysis Studies of 1-Butyl-3-methylimidazolium Salts. 2001 , 105, 7607-7614	147
2248	Lipase-Catalyzed Enantioselective Acylation in the Ionic Liquid Solvent System: Reaction of Enzyme Anchored to the Solvent. 2001 , 30, 262-263	164
2247	Does Photoisomerization Proceed in an Ionic Liquid?. 2001 , 30, 736-737	42
2246	The Silylformylation of Simple 1-Alkynes Catalyzed by [Rh(cod)][BPh4] in an Ionic Liquid, [Bmim][PF6], under Biphasic Conditions: An Efficiently Reusable Catalyst System. 2001 , 30, 650-651	18

2245	Ionische Flßsigkeiten -innovative Lßungsmittel. 2001 , 49, 12-16	15
2244	Organische Chemie 2000. 2001 , 49, 296-320	
2243	Non-aqueous capillary electrophoresis in acetonitrile using lonic-liquid buffer electrolytes. 2001 , 53, S302-S306	62
2242	Alternative methods for the MnO2 oxidation of codeine methyl ether to thebaine utilizing ionic liquids. 2001 , 42, 6831-6833	24
2241	Semi-continuous nanofiltration-coupled Heck reactions as a new approach to improve productivity of homogeneous catalysts. 2001 , 42, 8219-8222	84
2240	Formation of Etaprolactam via catalytic Beckmann rearrangement using P2O5 in ionic liquids. 2001 , 42, 8441-8443	90
2239	Coumarin syntheses via Pechmann condensation in Lewis acidic chloroaluminate ionic liquid. 2001 , 42, 9285-9287	215
2238	Ionic liquids as a recyclable reaction medium for the BaylisHillman reaction. 2001 , 57, 4189-4193	112
2237	Ionic liquids as recyclable reaction media for the tetrahydropyranylation of alcohols. 2001 , 57, 4405-4410	53
2236	Heck reaction of	99
2235	Synthesis of ⊞-amino esters by dynamic kinetic resolution of ⊞-haloacyl imidazolidinones. 2001 , 57, 6589-6605	33
2234	Microwave assisted organic synthesis review. 2001 , 57, 9225-9283	2222
2233	Carbenes with ferrocenyl substituents. 2001 , 617-618, 28-38	38
2232	Phosphines with 2-imidazolium and para-phenyl-2-imidazolium moietiesBynthesis and application in two-phase catalysis. 2001 , 630, 177-184	117
2231	Heck arylation of allylic alcohols in molten salts. 2001 , 634, 153-156	82
2230	Catalytic Beckmann rearrangement of ketoximes in ionic liquids. 2001 , 42, 403-405	134
2229	Fries rearrangement in ionic melts. 2001 , 42, 1979-1981	31
2228	Heterogeneous Heck reaction catalyzed by Pd/C in ionic liquid. 2001 , 42, 4349-4351	124

2227	Ionic liquids catalyzed Biginelli reaction under solvent-free conditions. 2001 , 42, 5917-5919	290
2226	Grafted ionic liquid-phase-supported synthesis of small organic molecules. 2001 , 42, 6097-6100	120
2225	Base-promoted reactions in ionic liquid solvents. The Knoevenagel and Robinson annulation reactions. 2001 , 42, 6053-6055	113
2224	Enantioselective cyclopropanation reactions in ionic liquids. 2001 , 12, 1891-1894	64
2223	Ionic liquid-phase asymmetric catalytic hydrogenation: hydrogen concentration effects on enantioselectivity. 2001 , 12, 1825-1828	118
2222	Alkylations of benzene in room temperature ionic liquids modified with HCl. 2001 , 171, 81-84	99
2221	1-Vinylimidazole 🖟 versatile building block for the synthesis of cationic phosphines useful in ionic liquid biphasic catalysis. 2001 , 175, 285-288	68
2220	Selective dimerisation of 1-butene in biphasic mode using buffered chloroaluminate ionic liquid solvents Idesign and application of a continuous loop reactor. 2001 , 66, 309-316	58
2219	Electrospray mass spectrometry of [Ru4(E6-C6H6)4(OH)4]4+: first direct evidence for the persistence of the cubane unit in solution and its role as a precatalyst in the hydrogenation of benzene. 2001 , 4, 571-573	15
2218	The effect of zincBromine interactions on electrophilic bromination in concentrated ZnBr2 solutions. 2001 , 4, 705-707	7
2217	Friedel-Crafts acylation of aromatics catalysed by supported ionic liquids. 2001 , 215, 185-190	136
2216	New developments in catalysis using ionic liquids. 2001 , 222, 101-117	836
2215	Efficient synthesis of 1-alkyl(aralkyl)-3-methyl(ethyl)imidazolium halides: Precursors for room-temperature ionic liquids. 2001 , 38, 265-268	122
2214	Dispersions of Anatase in Ambient Temperature Ionic Liquids. 2001 , 242, 104-105	8
2213	Stabilization of alpha-chymotrypsin by ionic liquids in transesterification reactions. 2001, 75, 563-9	218
2212	Alpha-chymotrypsin catalysis in imidazolium-based ionic liquids. 2001 , 75, 181-6	194
2211	Ionic liquids: Innovative fluids for chemical processing. 2001 , 47, 2384-2389	1171
2210	Palladacycles IAn Old Organometallic Family Revisited: New, Simple, and Efficient Catalyst Precursors for Homogeneous Catalysis. 2001 , 2001, 1917-1927	397

(2002-2001)

2209	Activation, Tuning, and Immobilization of Homogeneous Catalysts in an Ionic Liquid/Compressed CO2 Continuous-Flow System. 2001 , 113, 2769-2771	34
2208	The effect of pH on the reactions of catalytically important RhI complexes in aqueous solution: reaction of [RhCl(tppms)3] and trans-[RhCl(CO)(tppms)2] with hydrogen (TPPMS = mono-sulfonated triphenylphosphine) 2001 , 7, 193-9	41
2207	Activation, Tuning, and Immobilization of Homogeneous Catalysts in an Ionic Liquid/Compressed CO Continuous-Flow System. 2001 , 40, 2697-2699	165
2206	Influence of structural variation in room-temperature ionic liquids on the selectivity and efficiency of competitive alkali metal salt extraction by a crown ether. 2001 , 73, 3737-41	471
2205	Surface Tension Measurements of N-Alkylimidazolium Ionic Liquids. 2001 , 17, 6138-6141	300
2204	Recovery of Organic Products from Ionic Liquids Using Supercritical Carbon Dioxide. 2001 , 40, 287-292	485
2203	Oxidative addition of the imidazolium cation to zerovalent Ni, Pd, and Pt: a combined density functional and experimental study. 2001 , 123, 8317-28	204
2202	Over-stabilization of Candida antarctica lipase B by ionic liquids in ester synthesis. 2001 , 23, 1529-1533	196
2201	LIQUID/LIQUID EXTRACTION OF METAL IONS IN ROOM TEMPERATURE IONIC LIQUIDS. 2001, 36, 785-804	293
2200	Surface orientation in ionic liquids. 2001 , 345, 1-4	126
2199	Surface orientation in ionic liquids. 2001 , 345, 1-4 Molten salt type polymer electrolytes. 2001 , 46, 1407-1411	200
2199	Molten salt type polymer electrolytes. 2001 , 46, 1407-1411 Electrodeposition of lanthanum in lanthanum chloride saturated	200
2199 2198	Molten salt type polymer electrolytes. 2001 , 46, 1407-1411 Electrodeposition of lanthanum in lanthanum chloride saturated AlCl3🗹-ethyl-3-methylimidazolium chloride molten salts. 2001 , 46, 1891-1897 Enzyme Catalysed Synthesis in Ambient Temperature Ionic Liquids. 2001 , 19, 331-338	200
2199 2198 2197	Molten salt type polymer electrolytes. 2001 , 46, 1407-1411 Electrodeposition of lanthanum in lanthanum chloride saturated AlCl3🗹-ethyl-3-methylimidazolium chloride molten salts. 2001 , 46, 1891-1897 Enzyme Catalysed Synthesis in Ambient Temperature Ionic Liquids. 2001 , 19, 331-338	2004455
2199 2198 2197 2196 2195	Molten salt type polymer electrolytes. 2001, 46, 1407-1411 Electrodeposition of lanthanum in lanthanum chloride saturated AlCl3fl-ethyl-3-methylimidazolium chloride molten salts. 2001, 46, 1891-1897 Enzyme Catalysed Synthesis in Ambient Temperature Ionic Liquids. 2001, 19, 331-338 EFFICIENT SYNTHESIS OF PTEROCARPANS BY ECK-OXYARYLATION IN IONIC LIQUIDS. 2001, 7,	20044553
2199 2198 2197 2196 2195	Molten salt type polymer electrolytes. 2001, 46, 1407-1411 Electrodeposition of lanthanum in lanthanum chloride saturated AlCl3fl-ethyl-3-methylimidazolium chloride molten salts. 2001, 46, 1891-1897 Enzyme Catalysed Synthesis in Ambient Temperature Ionic Liquids. 2001, 19, 331-338 EFFICIENT SYNTHESIS OF PTEROCARPANS BY ECK-OXYARYLATION IN IONIC LIQUIDS. 2001, 7, Boson peak in the room-temperature molten salt tetra(n-butyl)ammonium croconate. 2001, 63,	2004455314

2191	Ionic Liquids: Solvents for the Twenty-First Century. 2002 , 90-105	10
2190	Physicochemical Properties of Ionic Liquids. 41-126	15
2189	Organic Reactions in Ionic Liquids: ⊞-Tosyloxylation of Ketones. 2002 , 2002, 618-619	6
2188	Gas Solubilities in 1-n-Butyl-3-methylimidazolium Hexafluorophosphate. 2002 , 260-269	12
2187	Synthesis of 2,4-Disubstituted Indoles via Thermal Cyclization of N-Trifluoroacetyl Enehydrazines. 2002 , 57, 1101	9
2186	Catalysis Using Supercritical or Subcritical Inert Gases under Split-Phase Conditions. 2002 , 97-112	7
2185	Polymer Synthesis in Ionic Liquids. 319-335	3
2184	Application of Room-Temperature Ionic Liquids in Biocatalysis: Opportunities and Challenges. 2002 , 347-359	8
2183	Ag Ion-Exchange Reactions of Cu2P3I2 and Cu2P1.8As1.2I2. 2002 , 755, 1	
2182	Triethylborane-Induced Radical Reactions in Ionic Liquids. 2002 , 75, 853-854	20
2182 2181	Triethylborane-Induced Radical Reactions in Ionic Liquids. 2002, 75, 853-854 Synthesis and Structural Characterization of N, N?-Dialkylimidazolium Tetrachloroplatinate and Monoaquatrichloroplatinate Salts. 2002, 75, 1561-1562	20
	Synthesis and Structural Characterization of N,N?-Dialkylimidazolium Tetrachloroplatinate and	
2181	Synthesis and Structural Characterization of N,N?-Dialkylimidazolium Tetrachloroplatinate and Monoaquatrichloroplatinate Salts. 2002 , 75, 1561-1562 Vesicles in Salt: Formation of Bilayer Membranes from Dialkyldimethylammonium Bromides in	8
2181 2180	Synthesis and Structural Characterization of N,N?-Dialkylimidazolium Tetrachloroplatinate and Monoaquatrichloroplatinate Salts. 2002, 75, 1561-1562 Vesicles in Salt: Formation of Bilayer Membranes from Dialkyldimethylammonium Bromides in Ether-containing Ionic Liquids. 2002, 31, 1018-1019 Efficient Lipase-catalyzed Enantioselective Acylation under Reduced Pressure Conditions in an Ionic	8
2181 2180 2179	Synthesis and Structural Characterization of N,N?-Dialkylimidazolium Tetrachloroplatinate and Monoaquatrichloroplatinate Salts. 2002, 75, 1561-1562 Vesicles in Salt: Formation of Bilayer Membranes from Dialkyldimethylammonium Bromides in Ether-containing Ionic Liquids. 2002, 31, 1018-1019 Efficient Lipase-catalyzed Enantioselective Acylation under Reduced Pressure Conditions in an Ionic Liquid Solvent System. 2002, 31, 154-155 Liquid-Crystalline Assemblies Containing Ionic Liquids: An Approach to Anisotropic Ionic Materials.	8 67 71
2181 2180 2179 2178	Synthesis and Structural Characterization of N,N?-Dialkylimidazolium Tetrachloroplatinate and Monoaquatrichloroplatinate Salts. 2002, 75, 1561-1562 Vesicles in Salt: Formation of Bilayer Membranes from Dialkyldimethylammonium Bromides in Ether-containing Ionic Liquids. 2002, 31, 1018-1019 Efficient Lipase-catalyzed Enantioselective Acylation under Reduced Pressure Conditions in an Ionic Liquid Solvent System. 2002, 31, 154-155 Liquid-Crystalline Assemblies Containing Ionic Liquids: An Approach to Anisotropic Ionic Materials. 2002, 31, 320-321 Reaction Kinetics in Ionic Liquids as Studied by Pulse Radiolysis: Redox Reactions in the Solvents Methyltributylammonium Bis(trifluoromethylsulfonyl)imide and N-Butylpyridinium	8 67 71 66
2181 2180 2179 2178 2177	Synthesis and Structural Characterization of N,N?-Dialkylimidazolium Tetrachloroplatinate and Monoaquatrichloroplatinate Salts. 2002, 75, 1561-1562 Vesicles in Salt: Formation of Bilayer Membranes from Dialkyldimethylammonium Bromides in Ether-containing Ionic Liquids. 2002, 31, 1018-1019 Efficient Lipase-catalyzed Enantioselective Acylation under Reduced Pressure Conditions in an Ionic Liquid Solvent System. 2002, 31, 154-155 Liquid-Crystalline Assemblies Containing Ionic Liquids: An Approach to Anisotropic Ionic Materials. 2002, 31, 320-321 Reaction Kinetics in Ionic Liquids as Studied by Pulse Radiolysis: Redox Reactions in the Solvents Methyltributylammonium Bis(trifluoromethylsulfonyl)imide and N-Butylpyridinium Tetrafluoroborate. 2002, 106, 3139-3147	8 67 71 66 125

2173	Computer Simulation of a Green Chemistry Room-Temperature Ionic Solvent. 2002, 106, 12017-12021	253
2172	Ionic liquids: a new class of sensing materials for detection of organic vapors based on the use of a quartz crystal microbalance. 2002 , 74, 2172-6	110
2171	Reaction Kinetics in the Ionic Liquid Methyltributylammonium Bis(Trifluoromethylsulfonyl)imide. Pulse Radiolysis Study of ITF3 Radical Reactions. 2002 , 106, 5468-5473	76
2170	Formation and Reaction of Br2ERadicals in the Ionic Liquid Methyltributylammonium Bis(trifluoromethylsulfonyl)imide and in Other Solvents. 2002 , 106, 11130-11134	62
2169	Photoreduction of benzophenones by amines in room-temperature ionic liquids. 2002 , 4, 917-9	42
2168	Microwave-accelerated ruthenium-catalyzed olefin metathesis. 2002 , 4, 1567-70	135
2167	Determination of binding constants of cyclodextrins in room-temperature ionic liquids by near-infrared spectrometry. 2002 , 74, 5337-41	78
2166	Characterizing ionic liquids on the basis of multiple solvation interactions. 2002 , 124, 14247-54	948
2165	Ionic liquids based on imidazolium, ammonium and pyrrolidinium salts of the dicyanamide anion. 2002 , 4, 444-448	402
2164	Solvent-free sonochemical preparation of ionic liquids. 2002 , 4, 3161-3	169
2163	The role of hydrogen bonding in controlling the selectivity of DielsAlder reactions in room-temperature ionic liquids. 2002 , 4, 517-520	263
2162	EXAFS investigations of the mechanism of facilitated ion transfer into a room-temperature ionic liquid. 2002 , 124, 10664-5	182
2161	Novel Brînsted acidic ionic liquids and their use as dual solvent-catalysts. 2002 , 124, 5962-3	1046
2160	Tag strategy for separation and recovery. <i>Chemical Reviews</i> , 2002 , 102, 3693-716 68.1	165
2159	Transition-Metal-Catalyzed Hydrosilylation and Hydroboration of Terminal Alkynes in Ionic Liquids. 2002 , 334-346	17
2158	Effect of Water on the Solvatochromic Probe Behavior within Room-Temperature Ionic Liquid 1-Butyl-3-Methylimidazolium Hexafluorophosphate. 2002 , 56, 266-271	83
2157	Solvatochromic Probe Behavior within Binary Room-Temperature Ionic Liquid 1-Butyl-3-Methyl Imidazolium Hexafluorophosphate plus Ethanol Solutions. 2002 , 56, 1498-1503	72
2156	Precipitation of a dioxouranium(VI) species from a room temperature ionic liquid medium. 2002 , 41, 1692-4	67

2155	Phase Characterization and Properties of Completely Saturated Quaternary Phosphonium Salts. Ordered, Room-Temperature Ionic Liquids. 2002 , 14, 4063-4072		64
2154	A Force Field for Liquid State Simulations on Room Temperature Molten Salts: 1-Ethyl-3-methylimidazolium Tetrachloroaluminate. 2002 , 106, 3546-3548		143
2153	Ionic liquid (molten salt) phase organometallic catalysis. <i>Chemical Reviews</i> , 2002 , 102, 3667-92	68.1	3388
2152	High efficiency dye-sensitized nanocrystalline solar cells based on ionic liquid polymer gel electrolyte. 2002 , 2972-3		481
2151	Electrochemical Polymerization and Characterization of Poly(3-(4-fluorophenyl)thiophene) in Pure Ionic Liquids. 2002 , 106, 10585-10593		114
2150	Supported ionic liquid catalysisa new concept for homogeneous hydroformylation catalysis. 2002 , 124, 12932-3		693
2149	Polymeric membranes in catalytic reactors. <i>Chemical Reviews</i> , 2002 , 102, 3779-810	68.1	244
2148	Alkylation of malonic and acetoacetic esters in an ionic liquid. 2002 , 12, 57-58		9
2147	Voltammetry of Electroactive Oil Droplets: Electrochemically-Induced Ion Insertion, Expulsion and Reaction Processes at Microdroplets of N,N,N,N,Tetraalkyl-para- phenylenediamines (TRPD, R = n-Butyl, n-Hexyl, n-Heptyl and n-Nonyl). 2002 , 106, 9619-9632		58
2146	Recoverable catalysts for asymmetric organic synthesis. <i>Chemical Reviews</i> , 2002 , 102, 3385-466	68.1	725
2145	Volume Expansivities and Isothermal Compressibilities of Imidazolium and Pyridinium-Based Ionic Liquids. 2002 , 47, 339-345		396
2144	Task-specific ionic liquids incorporating novel cations for the coordination and extraction of Hg2+ and Cd2+: synthesis, characterization, and extraction studies. 2002 , 36, 2523-9		426
2143	1-n-Butyl-3-methylimidazolium ([bmim]) octylsulfatelin even greenerlionic liquid. 2002 , 4, 400-404		360
2142	TEMPO-catalyzed aerobic oxidation of alcohols to aldehydes and ketones in ionic liquid [bmim][PF6]. 2002 , 4, 1507-9		245
2141	Solvation Dynamics of Coumarin-153 in a Room-Temperature Ionic Liquid. 2002 , 106, 4447-4452		253
2140	Transition-metal nanoparticles in imidazolium ionic liquids: recyclable catalysts for biphasic hydrogenation reactions. 2002 , 124, 4228-9		707
2139	A study of the ionic liquid mediated microwave heating of organic solvents. 2002 , 67, 3145-8		242
2138	An improved preparation of ionic liquids by ultrasound. 2002 , 4, 357-360		79

(2002-2002)

2137	Poly(ethylene glycol) (PEG) as a reusable solvent medium for organic synthesis. Application in the Heck reaction. 2002 , 4, 4399-401	268
2136	Nickel(II) Heterocyclic Carbene Complexes as Catalysts for Olefin Dimerization in an Imidazolium Chloroaluminate Ionic Liquid. 2002 , 21, 175-181	151
2135	Synthesis and Purification of Ionic Liquids. 7-40	9
2134	High-speed heck reactions in ionic liquid with controlled microwave heating. 2002 , 67, 6243-6	142
2133	Correlation of the melting points of potential ionic liquids (imidazolium bromides and benzimidazolium bromides) using the CODESSA program. 2002 , 42, 225-31	176
2132	Structural Characterization of Novel Ionic Materials Incorporating the Bis(trifluoromethanesulfonyl)amide Anion. 2002 , 14, 2103-2108	86
2131	Reference potential calibration and voltammetry at macrodisk electrodes of metallocene derivatives in the ionic liquid [bmim][PF6]. 2002 , 74, 3151-6	141
2130	An eco-friendly approach for the synthesis of ∃-aminophosphonates using ionic liquids. 2002 , 4, 436-438	74
2129	Ionic Liquids in Perspective: The Past with an Eye Toward the Industrial Future. 2002, 214-229	21
2128	Expanding the catalytic activity of nucleophilic N-heterocyclic carbenes for transesterification reactions. 2002 , 4, 3587-90	296
2127	CO(2) as a separation switch for ionic liquid/organic mixtures. 2002 , 124, 10276-7	288
2126	Use of Ionic Liquids to Increase the Yield and Enzyme Stability in the 眨alactosidase Catalysed Synthesis of N-Acetyllactosamine. 2002 , 6, 553-557	166
2125	Small-Angle X-ray Scattering Studies of Liquid Crystalline 1-Alkyl-3-methylimidazolium Salts. 2002 , 14, 629-635	385
2124	Ionic Liquids: Green Solvents for the Future. 2002 , 10-25	71
2123	First ring-opening metathesis polymerization in an ionic liquid. Efficient recycling of a catalyst generated from a cationic ruthenium allenylidene complex. 2002 , 26, 1667-1670	120
2122	Epoxidation of electrophilic alkenes in ionic liquids. 2002 , 4, 94-96	31
2121	Deuterium NMR spectroscopy is a versatile and economical tool for monitoring reaction kinetics in ionic liquids. 2002 , 66-7	20
2120	Osmium tetroxide-(QN)2PHAL in an ionic liquid: a highly efficient and recyclable catalyst system for asymmetric dihydroxylation of olefins. 2002 , 3038-9	44

2119	Catalytic asymmetric dihydroxylation of olefins using a recoverable and reusable OsO(4)2- in ionic liquid [bmim][PF6]. 2002 , 3036-7	46
2118	Biphasic hydroformylation in new molten salts and differences to organic solvents. 2002 , 1132	31
2117	Polar, non-coordinating ionic liquids as solvents for the alternating copolymerization of styrene and CO catalyzed by cationic palladium catalysts. 2002 , 1394-5	62
2116	Catalytic Oxidations in Ionic Liquids. 2002 , 321-333	4
2115	Are Ionic Liquids Green Solvents?. 2002 , 30-41	18
2114	Biocatalysis in ionic liquids. 2002 , 4, 147-151	665
2113	Amberlyst-15[]: a novel and recyclable reagent for the synthesis of 1,5-benzodiazepines in ionic liquids. 2002 , 4, 592-594	81
2112	Catalysed esterifications in room temperature ionic liquids with acidic counteranion as recyclable reaction media. 2002 , 3, 185-190	286
2111	Biphasic telomerization of 1,3-butadiene with HNEt2 catalyzed by palladium/sulphonatedphosphine complexes. 2002 , 3, 377-380	13
2110	Steady-State and Time-Resolved Fluorescence Behavior of C153 and PRODAN in Room-Temperature Ionic Liquids. 2002 , 106, 6670-6675	187
2109	Catalytic Pauson-Khand-type reaction using aldehydes as a CO source. 2002 , 4, 1619-21	130
2108	QSPR correlation of the melting point for pyridinium bromides, potential ionic liquids. 2002 , 42, 71-4	157
2107	Proline-catalysed asymmetric aldol reaction in the room temperature ionic liquid [bmim]PF6. 2002 , 2510-2511	124
2106	First report of reversible addition-fragmentation chain transfer (RAFT) polymerisation in room temperature ionic liquids. 2002 , 2226-7	110
2105	. 2002,	538
2104	Comparison of peroxidase activities of hemin, cytochrome c and microperoxidase-11 in molecular solvents and imidazolium-based ionic liquids. 2002 , 18, 109-120	155
2103	Structural characteristics of 1-ethyl-3-methylimidazolium bifluoride: HF-deficient form of a highly conductive room temperature molten salt. 2002 , 4, 23-26	55
2102	The impact of microwave-assisted organic chemistry on drug discovery. 2002 , 7, 373-80	184

(2002-2002)

2101	On the interaction between N-heterocyclic carbenes and organic acids: structural authentication of the first N-HC hydrogen bond and remarkably short C-HO interactions. 2002 , 41, 1432-4	86
2100	Oxidative Addition of Benzyliminium Tetraphenylborate to Pd(dba)(dppe): Synthesis and Catalytic Activity of [(dppe)Pd(dba){데 (N)-PhCH2N=CMe2}](BPh4)2. 2002 , 2002, 2188-2193	6
2099	Ionic liquids: solvents for the electrodeposition of metals and semiconductors. 2002 , 3, 145-54	602
2098	Influence of structural variations in 1-alkyl(aralkyl)-3-methylimidazolium hexafluorophosphates and bis(trifluoromethyl-sulfonyl)imides on physical properties of the ionic liquids. 2002 , 3, 161-6	457
2097	Perfluoro-Tagged Benzyloxycarbonyl Protecting Group and Its Application in Fluorous Biphasic Systems. 2002 , 85, 255-264	40
2096	Review: Synthesis of organometallics and catalytic hydrogenations in ionic liquids. 2002 , 16, 495-500	74
2095	Inorganic Drganic Hybrid Materials: Synthesis and X-Ray Structure of N,N?-Dimethylimidazolium Salts [(Me2Im)2][Cd2(SCN)6] and N,N?-Dicyclohexylimidazolium [(Cy2Im)2][Cd2(SCN)6] C3H6O. 2002 , 167, 119-125	32
2094	Room temperature ionic liquids as replacements for conventional solvents 🖪 review. 2002 , 19, 357-362	313
2093	Ionic liquids: applications in catalysis. 2002 , 74, 157-189	894
2092	Enzymatic reactions in ionic liquids: lipase-catalysed kinetic resolution of racemic, P -chiral hydroxymethanephosphinates and hydroxymethylphosphine oxides. 2002 , 13, 735-738	64
2091	Applications of functional surfactants. 2002 , 7, 267-275	72
2090	Rhodium(I) catalyzed polymerization of phenylacetylene in ionic liquids. 2002, 184, 73-78	52
2089	Ionic liquids: perspectives for organic and catalytic reactions. 2002 , 182-183, 419-437	761
2088	Chiral fluorous catalysts: synthesis and purposes. 2002 , 182-183, 455-461	13
2087	Comparative kinetic investigations in ionic liquids using the MTO/peroxide system. 2002, 187, 215-225	87
2086	Gas phase model of an ionic liquid: semi-empirical and ab initio bonding and molecular structure. 2002 , 585, 119-128	170
2085	A highly conductive composite electrolyte consisting of polymer and room temperature molten fluorohydrogenates. 2002 , 149, 295-298	35
2084	Ion conductive characteristics of ionic liquids prepared by neutralization of alkylimidazoles. 2002 , 154-155, 303-309	180

2083	Phase equilibria of water and ionic liquids [emim][PF6] and [bmim][PF6]. 2002, 194-197, 1089-1095	141
2082	Tribological behavior of sialon ceramics sliding against steel lubricated by fluorine-containing oils. 2002 , 35, 503-509	77
2081	Atom transfer radical polymerization of acrylates in an ionic liquid: Synthesis of block copolymers. 2002 , 40, 2799-2809	88
2080	Atom transfer radical copolymerization of n-hexylmaleimide and styrene in an ionic liquid. 2002 , 40, 3360-336	6 56
2079	Novel polymer electrolytes prepared by copolymerization of ionic liquid monomers. 2002 , 13, 589-594	151
2078	Room temperature molten fluorometallates: 1-ethyl-3-methylimidazolium hexafluoroniobate(V) and hexafluorotantalate(V). 2002 , 115, 133-135	59
2077	Polyether phosphite for hydroformylation of higher olefins in non-aqueous system and catalyst recovery. 2002 , 654, 83-90	6
2076	Synthesis and crystal structure of N-heterocyclic carbene complex of silver. 2002 , 654, 233-236	43
2075	Transition metal-catalyzed oxidations of bishomoallylic alcohols. 2002 , 661, 67-84	63
2074	Carbonylation of alkynols catalyzed by Pd(II)/2-PyPPh 2 dissolved in organic solvents and in ionic liquids: a facile entry to ⊕-methylene ⊕and ⊕actones. 2002 , 43, 753-755	73
2073	Lewis acidic ionic liquids for the synthesis of electrophilic alkenes via the Knoevenagel condensation. 2002 , 43, 1127-1130	196
2072	Cycloaddition of styrene derivatives with quinone catalyzed by ferric ion; remarkable acceleration in an ionic liquid solvent system. 2002 , 43, 3041-3044	53
2071	Preparation of (Z)- and (E)-vinyl selenides utilizing vinylboronic acids and vinylboronic esters in ionic liquids. 2002 , 43, 3703-3705	38
2070	Direct formation of tetrahydropyranols via catalysis in ionic liquid. 2002 , 43, 4993-4996	42
2069	The first BischlerNapieralski cyclization in a room temperature ionic liquid. 2002 , 43, 5089-5091	50
2068	An improved preparation of 1,3-dialkylimidazolium tetrafluoroborate ionic liquids using microwaves. 2002 , 43, 5381-5383	79
2067	The [(E,E,E)-1,6,11-tris(p-toluenesulfonyl)-1,6,11-triazacyclopentadeca-3,8,13-triene]Pd(0) complex in the hydroarylation of alkynes in ionic liquids. An approach to quinolines. 2002 , 43, 5537-5540	38
2066	Friedellarafts acylation of indoles in acidic imidazolium chloroaluminate ionic liquid at room temperature. 2002 , 43, 5793-5795	93

(2002-2002)

2065	2002, 43, 7115-7118	57
2064	Palladium-catalyzed dehydrogenation of benzylic alcohols in molten ammonium salts, a recyclable system. 2002 , 43, 6641-6644	33
2063	Ionic liquids as solvents of choice for electrophilic fluorination: fluorination of indoles by F-TEDA-BF4. 2002 , 43, 6573-6574	32
2062	OsO4-catalyzed dihydroxylation of olefins in ionic liquid [emim]BF4: a recoverable and reusable osmium. 2002 , 43, 6849-6851	30
2061	Aerobic oxidation of alcohols with ruthenium catalysts in ionic liquids. 2002, 43, 8107-8110	82
2060	A facile and efficient nucleophilic displacement reaction at room temperature in ionic liquids. 2002 , 43, 9381-9384	34
2059	New dense fluoroalkyl-substituted imidazolium ionic liquids. 2002 , 43, 9497-9499	61
2058	A course in environmentally conscious chemical process engineering. 2002 , 26, 307-318	12
2057	Cation-controled formation of N,N?-dialkylimidazolium cadmium E hiocyanate complexes: synthesis and structural characterization. 2002 , 169, 199-207	36
2056	Application of 1-alkyl-3-methylimidazolium-based ionic liquids in non-aqueous capillary electrophoresis. 2002 , 979, 27-32	110
2055	Enzyme catalysis in ionic liquids. 2002 , 13, 565-71	516
2054	Tribological behavior of DyBialon ceramics sliding against Si3N4 under lubrication of fluorine-containing oils. 2002 , 253, 579-584	34
2053	Dissolution of [RhCl(PPh3)3] in the ionic liquid, 1-ethyl-3-methyl imidazolium chloroaluminate(III), and its reaction with H2. The stabilization of Rh(I) species in an ionic liquid. 2002 , 330, 143-148	14
2052	Crystal architecture and mesophase structure of long-chain N-alkylpyridinium tetrachlorometallates. 2002 , 338, 51-58	84
2051	Selective fluorescence quenching of polycyclic aromatic hydrocarbons by nitromethane within room temperature ionic liquid 1-butyl-3-methylimidazolium hexafluorophosphate. 2002 , 453, 89-96	53
2050	Viscosity and Density of 1-Alkyl-3-methylimidazolium Ionic Liquids. 2002 , 34-49	291
2049	5 NMR studies of self-diffusion in liquids. 2002 , 98, 121-156	18
2048	Ecofriendly Fast Synthesis of Hydrophilic Poly(ethyleneglycol)-Ionic Liquid Matrices for Liquid-Phase Organic Synthesis 2002 , 6, 374-378	104

2047	Ionic Liquids as Exceedingly Convenient Solvents for the Friedel Trafts Monoalkylation of Electron-Rich Arenes with Paraformaldehyde Using HCl as Catalyst. 2002 , 78, 115-118	8
2046	Enzymatic resolution of amino acid esters using ionic liquid N-ethyl pyridinium trifluoroacetate. 2002 , 24, 1257-1259	88
2045	Nucleophilicity in ionic liquids. 2.(1) Cation effects on halide nucleophilicity in a series of bis(trifluoromethylsulfonyl)imide ionic liquids. 2002 , 67, 8855-61	181
2044	Solubilities and Thermodynamic Properties of Gases in the Ionic Liquid 1-n-Butyl-3-methylimidazolium Hexafluorophosphate. 2002 , 106, 7315-7320	829
2043	Aromatic amination/imination approach to chiral benzimidazoles. 2002, 67, 1708-11	37
2042	Synthesis of 日,和nsaturated esters from dialkoxyphosphoryl esters and aldehydes in the ionic liquid [bmim][PF6]. 2002 , 12, 176-177	9
2041	Molecular Dynamics Study of the Ionic Liquid 1-n-Butyl-3-methylimidazolium Hexafluorophosphate. 2002 , 106, 12807-12813	638
2040	New palladium carbene catalysts for the Heck reaction of aryl chlorides in ionic liquids. 2002 , 4, 3031-3	251
2039	Controlling the aqueous miscibility of ionic liquids: aqueous biphasic systems of water-miscible ionic liquids and water-structuring salts for recycle, metathesis, and separations. 2003 , 125, 6632-3	858
2038	Lewis acids: from conventional homogeneous to green homogeneous and heterogeneous catalysis. Chemical Reviews, 2003, 103, 4307-65	872
2038		8 ₇₂
2037	Chemical Reviews, 2003 , 103, 4307-65	,
2037	Chemical Reviews, 2003, 103, 4307-65 Use of ionic liquids for liquid-phase microextraction of polycyclic aromatic hydrocarbons. 2003, 75, 5870-6	433
2037	Use of ionic liquids for liquid-phase microextraction of polycyclic aromatic hydrocarbons. 2003, 75, 5870-6 Use of ionic liquids in a lipase-facilitated supported liquid membrane. 2003, 25, 805-8 A rapid microwave protocol for Heck vinylation of aryl chlorides under air. 2003, 7, 107-14	433
2037 2036 2035	Use of ionic liquids for liquid-phase microextraction of polycyclic aromatic hydrocarbons. 2003, 75, 5870-6 Use of ionic liquids in a lipase-facilitated supported liquid membrane. 2003, 25, 805-8 A rapid microwave protocol for Heck vinylation of aryl chlorides under air. 2003, 7, 107-14	433 57 27
2037 2036 2035 2034 2033	Use of ionic liquids for liquid-phase microextraction of polycyclic aromatic hydrocarbons. 2003, 75, 5870-6 Use of ionic liquids in a lipase-facilitated supported liquid membrane. 2003, 25, 805-8 A rapid microwave protocol for Heck vinylation of aryl chlorides under air. 2003, 7, 107-14 Microwave-assisted Mannich-type three-component reactions. 2003, 7, 135-44	433 57 27 53
2037 2036 2035 2034 2033	Use of ionic liquids for liquid-phase microextraction of polycyclic aromatic hydrocarbons. 2003, 75, 5870-6 Use of ionic liquids in a lipase-facilitated supported liquid membrane. 2003, 25, 805-8 A rapid microwave protocol for Heck vinylation of aryl chlorides under air. 2003, 7, 107-14 Microwave-assisted Mannich-type three-component reactions. 2003, 7, 135-44 Isomerization of cyclic hydrocarbons mediated by an AlCl3-based ionic liquid as catalyst. 2003, 80, 329-335	433 57 27 53

2029	Uranyl and strontium salt solvation in room-temperature ionic liquids. A molecular dynamics investigation. 2003 , 42, 5348-56	61
2028	SolventBolute interactions in ionic liquids. 2003 , 5, 2790-2794	701
2027	Brînsted Acid B ase Ionic Liquids as Proton-Conducting Nonaqueous Electrolytes. 2003 , 107, 4024-4033	601
2026	SmI3 Catalyzed Condensation of Aliphatic Cycloketones and Aldehydes in Ionic Liquid. 2003 , 33, 161-165	29
2025	Ionic Liquids: Improved Syntheses and New Products. 2003 , 14-31	10
2024	Unprecedented Synthesis of 1,3-dialkylimidazolium-2-carboxylate. 2003 , 93-99	9
2023	Amine Mediated Photoreduction of Aryl Ketones in N-Heterocyclic Ionic Liquids: Novel Solvent Effects Leading to Altered Product Distribution. 2003 , 370-380	2
2022	Phase Equilibria of Gases and Liquids with 1-n-butyl-3-Methylimidazolium Tetrafluoroborate. 2003 , 110-120	12
2021	Acids and Bases in Ionic Liquids. 2003, 264-276	21
2020	Aspects of Chemical Recognition and Biosolvation within Room Temperature Ionic Liquids. 2003, 212-224	1
2019	Ionic liquid-promoted regiospecific Friedlander annulation: novel synthesis of quinolines and fused polycyclic quinolines. 2003 , 68, 9371-8	247
2018	Challenges to the Commercial Production of Ionic Liquids. 2003 , 32-40	3
2017	Ionic Liquids Create New Opportunities for Nonaqueous Biocatalysis with Polar Substrates: Acylation of Glucose and Ascorbic Acid. 2003 , 225-238	16
2016	Radiation Chemistry of Ionic Liquids: Reactivity of Primary Species. 2003, 381-396	11
2015	Fructose-derived ionic liquids: recyclable homogeneous supports. 2003 , 44, 8399-8402	39
2014	Quaternary trialkyl(polyfluoroalkyl)ammonium salts including liquid iodides. 2003, 44, 9367-9370	24
2013	Phosphine-functionalized dendrimers for transition-metal catalysis. 2003 , 6, 1061-1077	39
2012	Diphenylmethane synthesis using ionic liquids as lewis acid catalyst. 2003 , 20, 39-43	26

2011	Emerging technologies in extraction and processing of metals. 2003 , 34, 137-152	20
2010	The properties of 1-alkoxymethyl-3-hydroxypyridinium and 1-alkoxymethyl-3-dimethylaminopyridinium chlorides. 2003 , 6, 119-123	44
2009	Solvent properties of the 1-butyl-3-methylimidazolium hexafluorophosphate ionic liquid. 2003, 375, 191-9	429
2008	Enzymatic ester synthesis in ionic liquids. 2003 , 21, 9-13	101
2007	1-Butyl-2,3-dimethylimidazolium tetrafluoroborate: the most desirable ionic liquid solvent for recycling use of enzyme in lipase-catalyzed transesterification using vinyl acetate as acyl donor. 2003 , 26, 41-45	96
2006	Structural analysis of 1-ethyl-3-methylimidazolium bifluoride melt. 2003 , 199, 29-33	29
2005	Biocatalytic transformations in ionic liquids. 2003 , 21, 131-8	562
2004	Molecular reorientational dynamics of the neat ionic liquid 1-butyl-3-methylimidazolium hexafluorophosphate by measurement of 13C nuclear magnetic relaxation data. 2003 , 4, 588-94	123
2003	Supercritical carbon dioxide-induced phase changes in (ionic liquid, water and ethanol mixture) solutions: application to biphasic catalysis. 2003 , 4, 520-2	44
2002	Ionic liquid for in situ Vis/NIR and Raman spectroelectrochemistry: Doping of carbon nanostructures. 2003 , 4, 944-50	58
2001	A topological analysis of the electron density in anion-pi interactions. 2003 , 4, 1344-8	181
2000	Designing Ionic Liquids: 1-Butyl-3-Methylimidazolium Cations with Substituted Tetraphenylborate Counterions. 2003 , 2003, 2798-2811	53
1999	Tribological performance of an ionic liquid as a lubricant for steel/aluminium contacts. 2003, 20, 217-225	29
1998	Solid-Liquid Biphasic Hydroformylation of Olefins Catalyzed by Rhodium Carbonyl Complexes. 2003 , 345, 1229-1236	8
1997	Continuous Flow Enzymatic Kinetic Resolution and Enantiomer Separation using Ionic Liquid/Supercritical Carbon Dioxide Media. 2003 , 345, 1221-1228	135
1996	Efficient and Eco-Friendly Process for the Synthesis of Bis(1H-indol-3-yl)methanes using Ionic Liquids. 2003 , 345, 349-352	106
1995	Application of a Homogeneous Dodecakis(NCN-PdII) Catalyst in a Nanofiltration Membrane Reactor under Continuous Reaction Conditions. 2003 , 345, 364-369	48
1994	(R)-Binap-Mediated Asymmetric Hydrogenation with a Rhodacarborane Catalyst in Ionic-Liquid Media. 2003 , 115, 3922-3925	5

(2003-2003)

1993	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. 2003, 115, 4500-4502	80
1992	(R)-binap-mediated asymmetric hydrogenation with a rhodacarborane catalyst in ionic-liquid media. 2003 , 42, 3792-5	39
1991	The structure of a room-temperature ionic liquid with and without trace amounts of water: the role of C[bond]HO and C[bond]HF interactions in 1-n-butyl-3-methylimidazolium tetrafluoroborate. 2003 , 42, 4364-6	374
1990	Synthesis of the novel ionic liquid [N-pentylpyridinium]+ [closo-CB11H12][and its usage as a reaction medium in catalytic dehalogenation of aromatic halides. 2003 , 17, 346-350	55
1989	Self-assembly in mesoscopic dimension and artificial supramolecular membranes. 2003 , 7, 702-9	21
1988	Synthesis and anti-microbial activities of choline-like quaternary ammonium chlorides. 2003 , 38, 1035-42	97
1987	Why are aromatic compounds more soluble than aliphatic compounds in dimethylimidazolium ionic liquids? A simulation study. 2003 , 374, 85-90	227
1986	Intramolecular excimer formation kinetics in room temperature ionic liquids. 2003, 376, 638-645	50
1985	A new family of ionic liquids based on the 1-alkyl-2-methyl pyrrolinium cation. 2003, 48, 1707-1711	55
1984	Reversible addition f ragmentation chain transfer polymerization of methacrylate, acrylate and styrene monomers in 1-alkyl-3-methylimidazolium hexfluorophosphate. 2003 , 39, 417-422	62
1983	Chemoselective reduction of aromatic nitro and azo compounds in ionic liquids using zinc and ammonium salts. 2003 , 44, 7783-7787	86
1982	Oxidation of alkanes catalyzed by manganese(III) porphyrin in an ionic liquid at room temperature. 2003 , 44, 9229-9232	34
1981	Activity coefficients of hydrocarbon solutes at infinite dilution in the ionic liquid, 1-methyl-3-octyl-imidazolium chloride from gasliquid chromatography. 2003 , 35, 1335-1341	94
1980	Reversed-phase liquid chromatographic method for the determination of selected room-temperature ionic liquid cations. 2003 , 993, 173-8	107
1979	Strong ion-pairing effects in a room temperature ionic liquid. 2003 , 546, 35-39	92
1978	Rhodium catalysed coupling reaction of myrcene with ethyl acetoacetate in the ionic liquid 1-ethyl-3-methylimidazolium triflimide. 2003 , 59, 9907-9911	5
1977	Room temperature ionic liquid as a novel medium for liquid/liquid extraction of metal ions. 2003 , 488, 183-192	430
1976	[Bmim]BF4 ionic liquid: a novel reaction medium for the synthesis of maino alcohols. 2003 , 44, 1047-1050	136

1975	Co-immobilization of transition-metal complexes and ionic liquids in a polymeric support for liquid-phase hydrogenations. 2003 , 44, 1195-1198	75
1974	Fluorous chiral bisoxazolines. Synthesis and applications to an asymmetric allylic alkylation. 2003 , 44, 1449-1451	31
1973	Lipase-catalysed polyester synthesis in 1-butyl-3-methylimidazolium hexafluorophosphate ionic liquid. 2003 , 44, 1371-1373	62
1972	[Bmim]PF6 and BF4 ionic liquids as novel and recyclable reaction media for aromatic amination. 2003 , 44, 2217-2220	52
1971	Ionic liquid promoted regioselective monobromination of aromatic substrates with N-bromosuccinimide. 2003 , 44, 1815-1817	54
1970	Room temperature ionic liquid promoted synthesis of 1,5-benzodiazepine derivatives under ambient conditions. 2003 , 44, 1835-1838	141
1969	Synthesis of aziridines from imines and ethyl diazoacetate in room temperature ionic liquids. 2003 , 44, 2409-2411	72
1968	Epoxidation of olefins catalyzed by manganese(III) porphyrin in a room temperature ionic liquid. 2003 , 44, 2069-2071	48
1967	ROMPgel-supported tris(triphenylphosphine)rhodium(I) chloride: a selective hydrogenation catalyst for parallel synthesis. 2003 , 44, 2703-2707	24
1966	An efficient synthesis of pyrroles by a one-pot, three-component condensation of a carbonyl compound, an amine and a nitroalkene in a molten ammonium salt. 2003 , 44, 2865-2868	60
1965	Chemoselective thioacetalization and transthioacetalization of carbonyl compounds catalyzed by immobilized scandium(III) triflate in ionic liquids. 2003 , 44, 3337-3340	33
1964	The first Corey@haykovsky epoxidation and cyclopropanation in ionic liquids. 2003, 44, 3629-3630	37
1963	Preparation of substituted allyl acetates and sulfones from BaylisHillman adducts in ionic liquid media. 2003 , 44, 4673-4675	56
1962	Ionic liquid-regulated sulfamic acid: chemoselective catalyst for the transesterification of Retoesters. 2003 , 44, 5037-5039	67
1961	A novel greener glycosidation using an acidibnic liquid containing a protic acid. 2003, 44, 5605-5608	55
1960	Glaser oxidative coupling in ionic liquids: an improved synthesis of conjugated 1,3-diynes. 2003 , 44, 6493-6496	74
1959	Asymmetric DielsAlder reactions in ionic liquids. 2003 , 44, 6465-6468	72
1958	Efficient esterification of carboxylic acids with alkyl halides catalyzed by fluoride ions in ionic liquids. 2003 , 44, 6583-6585	32

1957	Dirhodium(II)-catalysed C?H insertion on ⊞-diazo-⊞-phosphono-acetamides in an ionic liquid. 2003 , 44, 6571-6573	39
1956	Accelerated benzylation reaction utilizing dibenzyl carbonate as an alkylating reagent. 2003 , 44, 6943-6945	52
1955	Vanadyl salen complexes covalently anchored to an imidazolium ion as catalysts for the cyanosilylation of aldehydes in ionic liquids. 2003 , 44, 6813-6816	89
1954	Ionic liquid as an efficient promoting medium for two-phase nucleophilic displacement reactions. 2003 , 59, 789-794	70
1953	Aza-DielsAlder reactions in ionic liquids: a facile synthesis of pyrano- and furanoquinolines. 2003 , 59, 1599-1604	59
1952	Room temperature ionic liquids promoted three-component coupling reactions: a facile synthesis of cis-isoquinolonic acids. 2003 , 59, 1805-1809	48
1951	Ionic liquids as reagents and solvents in conjunction with microwave heating: rapid synthesis of alkyl halides from alcohols and nitriles from aryl halides. 2003 , 59, 2253-2258	70
1950	Catalysis by an ionic liquid: efficient conjugate addition of thiols to electron deficient alkenes catalyzed by molten tetrabutylammonium bromide under solvent-free conditions. 2003 , 59, 2417-2421	130
1949	Efficient combination of task-specific ionic liquid and microwave dielectric heating applied to one-pot three component synthesis of a small library of 4-thiazolidinones. 2003 , 59, 6121-6130	136
1948	Palladium-catalyzed coupling reactions of bromo-substituted phenylphosphine oxides: a facile route to functionalized arylphosphine ligands. 2003 , 687, 301-312	23
1947	Reverse atom transfer radical polymerization of methyl methacrylate in imidazolium ionic liquids. 2003 , 44, 5311-5316	58
1946	High-pressure phase behavior of systems with ionic liquids: measurements and modeling of the binary system fluoroform+1-ethyl-3-methylimidazolium hexafluorophosphate. 2003 , 25, 109-117	160
1945	Vapor pressures and enthalpies of vaporization of a series of the linear aliphatic aldehydes. 2003 , 206, 331-339	40
1944	Ultrasound promoted para-selective nitration of phenols in ionic liquid. 2003 , 10, 41-3	50
1943	Chiral fluorous phosphorus ligands based on the binaphthyl skeleton: synthesis and applications in asymmetric catalysis. 2003 , 14, 2215-2224	38
1942	Ionic liquids as a new reaction medium for oxidaseperoxidase-catalyzed sulfoxidation. 2003 , 14, 2487-2490	74
1941	Ionic liquids and chirality: opportunities and challenges. 2003, 14, 3081-3093	334
1940	Biocatalysis in ionic liquids - advantages beyond green technology. 2003 , 14, 432-7	589

1939	Phase-boundary potential across the nonpolarized interface between the room-temperature molten salt and water. 2003 , 5, 159-164	84
1938	Cyclic voltammetry of ion transfer across the polarized interface between the organic molten salt and the aqueous solution. 2003 , 5, 253-256	58
1937	In situ FT-IR spectroscopic observation of a room-temperature molten salt gold electrode interphase. 2003 , 5, 383-387	119
1936	Electrocatalytic dimerisation of PhBr and PhCH2Br in [BMIM]+NTf2[Jonic liquid. 2003, 5, 591-593	40
1935	Electrochemical behaviour of poly(3,4-ethylenedioxythiophene) in a room-temperature ionic liquid. 2003 , 5, 613-617	66
1934	Oligomerization of olefins in a chloroaluminate ionic liquid. 2003 , 192, 217-222	46
1933	Metallic Lewis acids-catalyzed acetylation of alcohols with acetic anhydride and acetic acid in ionic liquids: study on reactivity and reusability of the catalysts. 2003 , 194, 49-52	50
1932	Catalytic intermolecular hydroamination of alkenes. 2003 , 198, 107-110	27
1931	Epoxidation of 日,和nsaturated carbonyl compounds in ionic liquid/water biphasic system under mild conditions. 2003 , 203, 29-36	43
1930	Developing an ionic medium for ligandless-palladium-catalysed Suzuki and Heck couplings. 2003 , 206, 193-198	56
1929	Ionic liquids as reaction media for polymerization processes: atom transfer radical polymerization (ATRP) of acrylates in ionic liquids. 2003 , 52, 1584-1588	80
1928	Reverse atom transfer radical polymerization of methyl methacrylate in room-temperature ionic liquids. 2003 , 41, 143-151	82
1927	Living/controlled radical copolymerization of N-substituted maleimides with styrene in 1-butyl-3-methylimidazolium hexafluorophosphate and anisole. 2003 , 41, 2156-2165	32
1926	Ionic matrices for matrix-assisted laser desorption/ionization time-of-flight detection of DNA oligomers. 2003 , 17, 553-60	129
1925	A new type of polymer gel electrolyte: zwitterionic liquid/polar polymer mixture. 2003 , 48, 2079-2083	122
1924	Application of ionic liquids as low-volatility plasticizers for PMMA. 2003 , 39, 1947-1953	212
1923	Effect of 1-alkyl-3-methylimidazolium-based ionic liquids as the eluent on the separation of ephedrines by liquid chromatography. 2003 , 1007, 39-45	212
1922	Studies on Liquid/liquid Extraction of Copper Ion with Room Temperature Ionic Liquid. 2003 , 50, 1123-1130	39

(2003-2003)

1921	Mechanisms of metal ion transfer into room-temperature ionic liquids: the role of anion exchange. 2003 , 125, 15466-73	331
1920	Solubilities of Oxygen and Carbon Dioxide in Butyl Methyl Imidazolium Tetrafluoroborate as a Function of Temperature and at Pressures Close to Atmospheric Pressure 2003, 48, 480-485	170
1919	High-stability ionic liquids. A new class of stationary phases for gas chromatography. 2003 , 75, 4851-8	412
1918	Use of ab Initio Calculations toward the Rational Design of Room Temperature Ionic Liquids. 2003 , 107, 2277-2288	333
1917	Microwave Technology@hemical Synthesis Applications. 2003,	6
1916	Carbon dioxide induced separation of ionic liquids and water. 2003 , 572-3	116
1915	Potential for Use of Ionic Liquids in Czech Industry. 2003 , 1-28	
1914	Applications of Ionic Liquids to Biphasic Catalysis. 2003 , 67-84	9
1913	Structure of molten 1,3-dimethylimidazolium chloride using neutron diffraction. 2003, 118, 273-278	431
1912	Solute Rotation and Solvation Dynamics in a Room-Temperature Ionic Liquid. 2003 , 107, 5926-5932	281
1911	[Bmim]PF(6): a novel and recyclable ionic liquid for conversion of oxiranes to thiiranes in aqueous media. 2003 , 68, 2525-7	61
1910	Synthesis and properties of tetra-alkyl-dimethylguanidinium salts as a potential new generation of ionic liquids. 2003 , 5, 347-352	125
1909	Ionic liquids as catalytic greenfeactants and solvents for nucleophilic conversion of fatty alcohols to alkyl halides. 2003 , 5, 303-305	29
1908	Pulsed Laser Polymerization in an Ionic Liquid: Strong Solvent Effects on Propagation and Termination of Methyl Methacrylate. 2003 , 36, 5072-5075	150
1907	Liquid structure of 1, 3-dimethylimidazolium salts. 2003 , 15, S159-S166	101
1906	Conductivities and Viscosities of the Ionic Liquid [bmim][PF6] + Water + Ethanol and [bmim][PF6] + Water + Acetone Ternary Mixtures. 2003 , 48, 1315-1317	78
1905	Green protocol for conjugate addition of thiols to alpha,beta-unsaturated ketones using a [bmim]PF6/H2O system. 2003 , 68, 7098-100	119
1904	Influence of Water on the Orientation of Cations at the Surface of a Room-Temperature Ionic Liquid: A Sum Frequency Generation Vibrational Spectroscopic Study. 2003 , 107, 6148-6152	160

1903 Solubility of 1-Dodecyl-3-methylimidazolium Chloride in Alcohols (C2 I 12) 2003 , 107,	1858-1863 8 ₇
SO3H-functionalized ionic liquid as efficient, green and reusable acidic catalyst system oligomerization of olefins. 2003 , 4, 597-601	102
1901 Lipase-catalyzed synthesis of xylitol monoesters: solvent engineering approach. 2003 ,	102, 251-9 97
The Importance of Imidazolium Substituents in the Use of Imidazolium-Based Room-To 1900 Ionic Liquids as Solvents for Palladium-Catalyzed Telomerization of Butadiene with Mo 22, 4418-4425	
1899 Ionic Liquids: Ion Mobilities, Glass Temperatures, and Fragilities. 2003 , 107, 6170-6178	872
1898 Interfacial synthesis of hollow TiO2 microspheres in ionic liquids. 2003 , 125, 6386-7	605
A new strategy for the functionalization of aminofurazans: the synthesis of (3-R-furazan-4-yl)dichloroimines. 2003 , 13, 31-32	5
1896 Photoinduced Electron Transfer in Nucleic Acid Molten Salts. 2003 , 107, 6469-6473	4
1895 Ionic Liquid Doped Polymer Light-Emitting Electrochemical Cells. 2003 , 107, 12981-129	988 122
Effects of Solubilized Water on the Relaxation Dynamics Surrounding 6-Propionyl-2-(N,N-dimethylamino)naphthalene Dissolved in 1-Butyl-3-methylimidazol Hexafluorophosphate at 298 K. 2003 , 42, 6457-6463	lium 93
Solvation of M3+ lanthanide cations in room-temperature ionic liquids. A molecular dy investigation. 2003 , 5, 3481-3488	rnamics 86
1892 High Conductivity of Superionic-Glass-in-Ionic-Liquid Solutions. 2003 , 6, E19	19
Imidazolium and Phosphonium Alkylselenites for the Catalytic Oxidative Carbonylation Mechanistic Studies. 2003 , 22, 2498-2504	n of Amines: 38
1890 The Future of Purification. 2003 , 72-79	37
1889 Sonochemistry and sonoluminescence of room-temperature ionic liquids. 2003 , 125, 1	1138-9 120
Synthesis of CDE and BCDE molecular fragments of the limonoids havanensin and azac 2003 , 68, 3585-92	diradione. 21
1887 Extractive Distillation: A Review. 2003 , 32, 121-213	274
Pressure, Isotope, and Water Co-solvent Effects in Liquid I liquid Equilibria of (Ionic Liquid Alcohol) Systems. 2003 , 107, 12797-12807	ıid +

(2003-2003)

1885	Electrodeposition of Indium Antimonide from the Water-Stable 1-Ethyl-3-methylimidazolium Chloride/Tetrafluoroborate Ionic Liquid. 2003 , 150, C544	40
1884	Comparison of voltammetric data obtained for the trans-[Mn(CN)(CO)2[P(OPh)3](Ph2PCH2PPh2)]0/+ process in BMIM.PF6 ionic liquid under microchemical and conventional conditions. 2003 , 75, 6938-48	30
1883	Voltammetry of Oxygen in the Room-Temperature Ionic Liquids 1-Ethyl-3-methylimidazolium Bis((trifluoromethyl)sulfonyl)imide and Hexyltriethylammonium Bis((trifluoromethyl)sulfonyl)imide: One-Electron Reduction To Form Superoxide. Steady-State and	229
1882	Transient Behavior in the Same Cyclic Voltammogram Resulting from Widely Different Diffusion An Effective Approach for the Silylation of Hydroxyl Compounds in Room Temperature Ionic Liquids. 2003, 33, 4143-4149	3
1881	Pulse Radiolysis Study of the Reactions of Hydrogen Atoms in the Ionic Liquid Methyltributylammonium Bis[(trifluoromethyl)sulfonyl]imide. 2003 , 107, 9794-9799	85
1880	Diameter-Selective Electrochemical Doping of HiPco Single-Walled Carbon Nanotubes. 2003 , 3, 969-972	45
1879	Separation of achiral and chiral analytes using polymeric surfactants with ionic liquids as modifiers in micellar electrokinetic chromatography. 2003 , 75, 6089-96	117
1878	Application of Complementary Experimental Techniques to Characterization of the Phase Behavior of [C16mim][PF6] and [C14mim][PF6]. 2003 , 15, 3089-3097	115
1877	Absorption of water by room-temperature ionic liquids: effect of anions on concentration and state of water. 2003 , 57, 152-7	236
1876	Palladium-Catalyzed Suzuki Cross-Coupling Reactions in Ambient Temperature Ionic Liquids: Evidence for the Importance of Palladium Imidazolylidene Complexes. 2003 , 22, 5350-5357	128
1875	Stability of divalent europium in an ionic liquid: spectroscopic investigations in 1-methyl-3-butylimidazolium hexafluorophosphate. 2003 , 42, 1726-33	138
1874	Ionic liquids and their heating behaviour during microwave irradiation (a) state of the art report and challenge to assessment. 2003 , 5, 296-299	189
1873	Direct preparation of monoarylidene derivatives of aldehydes and enolizable ketones with DIMCARB. 2003 , 5, 3107-10	81
1872	Synthesis of very small TiO2 nanocrystals in a room-temperature ionic liquid and their self-assembly toward mesoporous spherical aggregates. 2003 , 125, 14960-1	533
1871	Organic Reactions in Ionic Liquids: Alkylation of Meldrum's Acid. 2003 , 33, 2817-2822	4
1870	Environmentally benign synthesis of 3-methyl-4-[(1,3-diphenyl-1H-pyrazol-4-yl)-methylene]-1-phenylpyrazolin-5-(4H)-ones in an ionic liquid. 2003 , 13, 79	8
1869	Ionic Liquids of Chelated Orthoborates as Model Ionic Glassformers. 2003 , 107, 11749-11756	204
1868	Surfactants in Green Solvent Systems Durrent and Future Research Directions. 2003, 24, 155-171	39

1867	Nucleophilic displacement reactions in ionic liquids: substrate and solvent effect in the reaction of NaN(3) and KCN with alkyl halides and tosylates. 2003 , 68, 6710-5	105
1866	Ionic liquids by proton transfer: vapor pressure, conductivity, and the relevance of DeltapKa from aqueous solutions. 2003 , 125, 15411-9	743
1865	Mild oxidation of alcohols with O-iodoxybenzoic acid (IBX) in ionic liquid 1-butyl-3-methyl-imidazolium chloride and water. 2003 , 5, 3321-3	90
1864	Exploration of ionic liquids as soluble supports for organic synthesis. Demonstration with a Suzuki coupling reaction. 2003 , 5, 5003-5	149
1863	Copper (I) Chloride Catalyzed Synthesis of Diaryl Ethers in Ionic Liquids Under Mild Conditions. 2003 , 33, 3607-3614	17
1862	Spectrum and Reactivity of the Solvated Electron in the Ionic Liquid Methyltributylammonium Bis(trifluoromethylsulfonyl)imide 2003 , 107, 7261-7267	152
1861	Molecular ordering of organic molten salts triggered by single-walled carbon nanotubes. 2003, 300, 2072-4	1178
1860	CAN-Mediated Oxidative Free Radical Reactions in an Ionic Liquid. 2003, 33, 213-222	30
1859	Ionic liquids in embalming and tissue preservation. Can traditional formalin-fixation be replaced safely?. 2003 , 105, 135-42	63
1858	Reactivities of Some Electrogenerated Organic Cation Radicals in Room-Temperature Ionic Liquids: Toward an Alternative to Volatile Organic Solvents?. 2003 , 107, 745-752	218
1857	Prediction of Infinite Dilution Activity Coefficients of Organic Compounds in Ionic Liquids Using COSMO-RS. 2003 , 48, 475-479	196
1856	Advanced Thermal Storage Fluids for Solar Parabolic Trough Systems. 2003 , 125, 112-116	84
1855	Quaternary salts containing the pentafluorosulfanyl (SF5) group. 2003 , 42, 6142-6	31
1854	Rhodium-catalyzed cross-coupling of allyl alcohols with aryl- and vinylboronic acids in ionic liquids. 2003 , 5, 893-5	102
1853	Liquid⊡iquid Equilibria of Room-Temperature Ionic Liquids and Butan-1-ol 2003, 48, 486-491	154
1852	Highly efficient, recyclable Pd(II) catalysts with bisimidazole ligands for the Heck reaction in ionic liquids. 2003 , 5, 3209-12	161
1851	Solvents from biorenewable sources: ionic liquids based on fructose. 2003 , 5, 2513-5	100
1850	Solvatochromic Probe Behavior within Ternary Room-Temperature Ionic Liquid 1-Butyl-3-methylimidazolium Hexafluorophosphate + Ethanol + Water Solutions. 2003 , 107, 13532-13539	122

1849	Review: Current studies on some physical properties of ionic liquids. 2003 , 41, 545-557	68
1848	Relative molar Gibbs energies of cation transfer from a molecular liquid to ionic liquids at 298.15 K. 2003 , 5, 4215-4218	33
1847	Immobilization and reuse of Pd complexes in ionic liquid: efficient catalytic asymmetric fluorination and Michael reactions with beta-ketoesters. 2003 , 5, 3225-8	137
1846	Conditions required to achieve the apparent equivalence of adhered solid- and solution-phase voltammetry for ferrocene and other redox-active solids in ionic liquids. 2003 , 75, 2694-702	113
1845	Spectroscopically Probing Microscopic Solvent Properties of Room-Temperature Ionic Liquids with the Addition of Carbon Dioxide. 2003 , 107, 3995-4000	87
1844	Electrochemical Studies on the Modular Podand 1,3,5-Tris(3-((ferrocenylmethyl)amino)pyridiniumyl)-2,4,6-triethylbenzene Hexafluorophosphate in Conventional Solvents and Ionic Liquids. 2003 , 107, 5777-5786	51
1843	Syntheses of the first N-mono- and N,N'-dipolyfluoroalkyl-4,4'-bipyridinium compounds. 2003 , 1366-7	21
1842	Palladium-catalysed aminocarbonylation of steroidal 17-iodo-androst-16-ene derivatives in N,N?-dialkyl-imidazolium-type ionic liquids. 2003 , 5, 643-645	44
1841	Selective anodic fluorination of phthalides in ionic liquids. 2003 , 5, 512-515	46
1840	Neoteric solvents for asymmetric hydrogenation: supercritical fluids, ionic liquids, and expanded ionic liquids. 2003 , 5, 123-128	116
1839	Fluorescence correlation spectroscopic studies of diffusion within the ionic liquid 1-butyl-3-methylimidazolium hexafluorophosphate. 2003 , 128, 786-9	50
1838	Highly enantioselective catalytic asymmetric hydrogenation of beta-keto esters in room temperature ionic liquids. 2003 , 1912-3	61
1837	Dynamics of Solvation of the Fluorescent State of Some Electron Donor Acceptor Molecules in Room Temperature Ionic Liquids, [BMIM][(CF3SO2)2N] and [EMIM][(CF3SO2)2N]. 2003 , 107, 7340-7346	174
1836	[Bmim]PF6/RuCl3•xH2O: a novel and recyclable catalytic system for the oxidative coupling of haphthols. 2003 , 27, 1684-1686	19
1835	Thermal Behaviors of Ionic Liquids Under Microwave Irradiation and Their Application on Microwave-Assisted Catalytic Beckmann Rearrangement of Ketoximes. 2003 , 33, 2301-2307	39
1834	A New Class of Solvents for CCC: The Room Temperature Ionic Liquids. 2003 , 26, 1493-1508	53
1833	Ambient temperature thermotropic liquid crystalline viologen bis(triflimide) salts. 2003, 30, 1433-1440	54
1832	Orientational dynamics of the ionic organic liquid 1-ethyl-3-methylimidazolium nitrate. 2003 , 119, 13017-1302	23151

1831	Quasielastic neutron scattering characterization of the relaxation processes in a room temperature ionic liquid. 2003 , 119, 8549-8557	111
1830	Molecular dynamics simulation of molten sodium chlorate. 2003 , 119, 8002-8012	18
1829	Surface tension of the restrictive primitive model for ionic liquids. 2003 , 90, 135506	42
1828	Solvation in molecular ionic liquids. 2003 , 119, 6411-6414	151
1827	Raman band shape analysis of a low temperature molten salt. 2003 , 119, 8567-8576	8
1826	Zinc- and indium-mediated ring-expansion reaction of alpha-halomethyl cyclic beta-keto esters in aqueous alcohol. 2003 , 68, 7629-33	28
1825	General Introduction. 2003, 3, 1-63	1
1824	Ionic Liquids Derived from Natural Products and other Novel Chemistries. 2003, 385-401	
1823	The Preparation of Butyrylated NAD+ Type of Biological Molecules. 2003, 33, 2803-2810	0
1822	Physicochemical Properties of 1,3-Dialkylimidazolium Fluorohydrogenate Room-Temperature Molten Salts. 2003 , 150, D195	129
		129 85
	Molten Salts. 2003 , 150, D195	
1821	Molten Salts. 2003, 150, D195 Catalytic Synthesis of Phosphines and Related Compounds. 2003, 7, 477-514 FeCl3BH2O Catalysed Condensation of Aldehydes and Ketones in Ionic Liquid: A Novel Green Synthesis of Chalcones. 2003, 2003, 33-35 Ovidative Carbonylation of Methanol to Dimethyl Carbonate in Ionic Liquid	85
1821	Molten Salts. 2003, 150, D195 Catalytic Synthesis of Phosphines and Related Compounds. 2003, 7, 477-514 FeCl3BH2O Catalysed Condensation of Aldehydes and Ketones in Ionic Liquid: A Novel Green Synthesis of Chalcones. 2003, 2003, 33-35 Oxidative Carbonylation of Methanol to Dimethyl Carbonate in Ionic Liquid 1-Butyl-3-Methylimidazolium Hexafluorophosphate. 2003, 2003, 549-551	85
1821 1820 1819	Molten Salts. 2003, 150, D195 Catalytic Synthesis of Phosphines and Related Compounds. 2003, 7, 477-514 FeCl3BH2O Catalysed Condensation of Aldehydes and Ketones in Ionic Liquid: A Novel Green Synthesis of Chalcones. 2003, 2003, 33-35 Oxidative Carbonylation of Methanol to Dimethyl Carbonate in Ionic Liquid 1-Butyl-3-Methylimidazolium Hexafluorophosphate. 2003, 2003, 549-551	85 3 8
1821 1820 1819	Catalytic Synthesis of Phosphines and Related Compounds. 2003, 7, 477-514 FeCl3BH2O Catalysed Condensation of Aldehydes and Ketones in Ionic Liquid: A Novel Green Synthesis of Chalcones. 2003, 2003, 33-35 Oxidative Carbonylation of Methanol to Dimethyl Carbonate in Ionic Liquid 1-Butyl-3-Methylimidazolium Hexafluorophosphate. 2003, 2003, 549-551 Baeyer Condensation in Chloroaluminate Ionic Liquid. 2003, 2003, 168-169 Ion-transfer voltammetry at a polarized room-temperature molten salt/water interface. 2003, 19, 651-2	85 3 8
1821 1820 1819 1818	Catalytic Synthesis of Phosphines and Related Compounds. 2003, 7, 477-514 FeCl3BH2O Catalysed Condensation of Aldehydes and Ketones in Ionic Liquid: A Novel Green Synthesis of Chalcones. 2003, 2003, 33-35 Oxidative Carbonylation of Methanol to Dimethyl Carbonate in Ionic Liquid 1-Butyl-3-Methylimidazolium Hexafluorophosphate. 2003, 2003, 549-551 Baeyer Condensation in Chloroaluminate Ionic Liquid. 2003, 2003, 168-169 Ion-transfer voltammetry at a polarized room-temperature molten salt/water interface. 2003, 19, 651-2	85 3 8 13 24

1813	Eco-friendly and Highly Chemoselective 1,3-Oxathio- and 1,3-Dithioacetalization of Aldehydes Using Ionic Liquids. 2003 , 32, 672-673	21
1812	An Effective System to Synthesize Arylacetones. Substrate-ionic Liquid-ultrasonic Irradiation. 2003 , 32, 730-731	9
1811	Rotational Isomerism and Structure of the 1-Butyl-3-methylimidazolium Cation in the Ionic Liquid State. 2003 , 32, 948-949	210
1810	Green Protocol for the Oℍ Insertion of ⊞-Diazoketones with Alcohols and Water Using Ionic Liquid [Bmim]BF4. 2003 , 32, 1060-1061	4
1809	Crystal Structure of 1-Butyl-3-methylimidazolium Chloride. A Clue to the Elucidation of the Ionic Liquid Structure. 2003 , 32, 740-741	219
1808	Aza-Michael Reactions in Ionic Liquids. A Facile Synthesis of Amino Compounds. 2003, 32, 988-989	48
1807	Homogeneous Catalysis and Catalyst Recovery Using Supercritical Carbon Dioxide and Ionic Liquids. 2003 , 61, 484-488	11
1806	Hygroscopic Growth of Self-Assembled Layered Surfactant Molecules at the Interface between Air and Organic salts. 2003 , 775, 6141	
1805	Recent Developments in Using Ionic Liquids as Solvents and Catalysts for Organic Synthesis. 2003, 105-117	
1804	Effect of Ionic Additives on the Limiting Cathodic Potential of EMI-Based Room Temperature Ionic Liquids. 2003 , 71, 1058-1060	49
1803	Some Steps on the Molten Salt Route. 2004 , 2004-24, 2-17	
1802	Electrocatalytic Debromination of Organic Bromides Using a Cobalt(II)salen Complex in Ionic Liquids. 2004 , 72, 849-851	15
1801	Self-associated, "distillable" ionic media. 2004 , 9, 387-93	66
1800	Phase-Transfer Catalysis in Environmentally Benign Reaction Media. 2004 , 1042-1052	1
1799	Novel ionic liquids based on the benzimidazolium cation. 2004 , 2004, 506-507	10
1798	The oxidation of 4-alkyl and 4-aryl-1,4-dihydropyridines to pyridines with hydrogen peroxide in an ionic liquid. 2004 , 2004, 550-551	16
1797	THERMAL PROPERTIES AND IONIC CONDUCTIVITY OF IMIDAZOLIUM SALT DERIVATIVES HAVING A CALAMITIC MESOGEN. 2004 , 423, 61-72	21
1796	Electrochemical Study of Indium in a Water-Stable 1-Ethyl-3-Methylimidazolium Chloride/Tetrafluoroborate Room Temperature Ionic Liquid. 2004 , 51, 253-260	24

1795	New media in homogeneous catalysis: wet sodium or tetrabutylammonium hydrogensulfate salts for reppe syntheses catalyzed by a ru(ii) carbonyl complex. 2004 , 57, 871-882	12
1794	Direct Formation of 2,3,5-Trichloropyridine and its Nucleophilic Displacement Reactions in Ionic Liquid. 2004 , 34, 4301-4311	8
1793	Compressed CO2-enhanced solubilization of 1-butyl-3-methylimidazolium tetrafluoroborate in reverse micelles of Triton X-100. 2004 , 121, 7408-12	14
1792	Oxidation of Benzylic Alcohols to Carbonyl Compounds with Potassium Permanganate in Ionic Liquids. 2004 , 34, 2835-2842	20
1791	Ionic liquids in wood preservation. 2004 , 58, 286-291	52
1790	Application of ionic liquids for electrostatic control in wood. 2004 , 58, 280-285	24
1789	Feasibility of using ionic liquids for carbon dioxide capture. 2004 , 4, 105	89
1788	Organic Reactions in Ionic Liquids: An Efficient Method for the Synthesis of Aryl Sulfones by Alkylation of Sodium Arenesulfinates with Alkyl Halides. 2004 , 2004, 267-269	4
1787	Microwave Assisted Dealkylation of Alkyl Aryl Ethers in Ionic Liquids. 2004 , 2004, 693-694	5
1786	Microwave - assisted chemistry in drug discovery. 2004 , 4, 773-92	62
1785	Room-Temperature Ionic Liquids with High Conductivities and Wide Electrochemical Windows. 2004 , 7, E41	65
1784	HYDROPHOBIC HYDRATION FROM CARBARRINELLO SIMULATIONS. 2004 , 18, 1951-1962	26
1783	Cleavage of Methyl Ethers of Flavones by Chloroaluminate Ionic Liquid. 2004 , 34, 3209-3218	9
1782	Biocatalysis in ionic liquids: the stereoconvergent hydrolysis of trans-#methylstyrene oxide catalyzed by soluble epoxide hydrolase. 2004 , 27, 243-248	56
1781	Pseudomonas cepacia lipase-catalysed resolution of racemic alcohols in ionic liquid using succinic anhydride: role of triethylamine in enhancement of catalytic activity. 2004 , 27, 267-270	46
1780	Influence of ionic liquids on the rates and regioselectivity of lipase-mediated biotransformations on 3,4,6-tri-O-acetyl-d-glucal. 2004 , 28, 39-43	33
1779	Ionic liquids: efficient additives for Candida rugosa lipase-catalysed enantioselective hydrolysis of butyl 2-(4-chlorophenoxy)propionate. 2004 , 30, 185-188	35
1778	Metathesis of hex-1-ene in ionic liquids. 2004 , 14, 59-60	6

1777 Molecular Dynamics Simulation of Ionic Liquids: The Effect of Electronic Polarizability. 2004, 108, 11877-11881367 1776 Synthesis of bisphenol A catalyzed by Et3NHCl-AlCl3 ionic liquids. 2004, 81, 235-240 Thermodynamic Properties of 1-Butyl-3-methylimidazolium Hexafluorophosphate in the 198 1775 Condensed State. 2004, 49, 453-461 Crystal structures of imidazolium bis(trifluoromethanesulfonyl)imide 'ionic liquid' salts: the first 227 organic salt with a cis-TFSI anion conformation. 2004, 2267-71 Structure of ionic liquids of 1-alkyl-3-methylimidazolium cations: a systematic computer simulation 1773 507 study. 2004, 120, 1855-63 1772 Control of Wettability by Anion Exchange on Si/SiO2Surfaces. 2004, 20, 3024-3027 89 Physicochemical Properties and Structures of Room Temperature Ionic Liquids. 1. Variation of 1148 1771 Anionic Species. 2004, 108, 16593-16600 Palladium Catalyzed Reactions in Ionic Liquids. 2004, 51, 251-284 37 1-ethyl-3-methylimidazolium based ionic liquids containing cyano groups: synthesis, 1769 212 characterization, and crystal structure. 2004, 43, 1458-62 Supported choline hydroxide (ionic liquid) as heterogeneous catalyst for aldol condensation 1768 93 reactions. 2004, 1096-7 Electrochemical and bioelectrochemistry properties of room-temperature ionic liquids and carbon 1767 265 composite materials. 2004, 76, 4960-7 Physical and electrochemical properties of 1-butyl-3-methylimidazolium bromide, 1766 1-butyl-3-methylimidazolium iodide, and 1-butyl-3-methylimidazolium tetrafluoroborate. **2004**, 21, 1010-1014 Refractive index and heat capacity of 1-butyl-3-methylimidazolium bromide and 1-butyl-3-methylimidazolium tetrafluoroborate, and vapor pressure of binary systems for 140 1-butyl-3-methylimidazolium bromide + trifluoroethanol and 1-butyl-3-methylimidazolium Effects of additives on the properties of chloroaluminate ionic liquids catalyst for alkylation of 82 isobutane and butene. 2004, 277, 41-43 1763 Alkylation of diphenyl oxide with \(\precedent \)-dodecene catalyzed by ionic liquids. **2004**, 93-95, 301-305 36 1762 Molten lithium sulfonimide salt having poly(propylene oxide) tail. 2004, 45, 861-864 10 Recent advances in the application of supercritical fluids for carbon Barbon bond formation in 1761 85 organic synthesis. 2004, 60, 815-833 Recyclable 2nd generation ionic liquids as green solvents for the oxidation of alcohols with 1760 76 hypervalent iodine reagents. 2004, 60, 2131-2135

1759	Nuclear magnetic resonance spectroscopic study on ionic liquids of 1-alkyl-3-methylimidazolium salts. 2004 , 60, 9441-9446	54
1758	Asymmetric cyclopropanation in ionic liquids: effect of anion and impurities. 2004 , 15, 77-80	45
1757	4,4? and 5,5?-DiamBINAP as a hydrosoluble chiral ligand: syntheses and use in Ru(II) asymmetric biphasic catalytic hydrogenation. 2004 , 15, 639-645	54
1756	Synthesis of fluoromethylated materials derived from 2-trifluoromethyl acrylic acid phenethyl ester in an ionic liquid. 2004 , 125, 1105-1110	14
1755	Palladium-catalyzed asymmetric arylation of 2,3-dihydrofuran with aryl triflates in water in the presence of surfactants. 2004 , 215, 89-93	11
1754	Epoxidation of cyclooctene catalyzed by dioxomolybdenum(VI) complexes in ionic liquids. 2004 , 218, 5-11	60
1753	Synthesis of novel palladiumBarbene complexes as efficient catalysts for amination of aryl chlorides in ionic liquid. 2004 , 222, 97-102	24
1752	Volumetric Study of Binary Solvent Mixtures Constituted by Amphiphilic Ionic Liquids at Room Temperature (1-Alkyl-3-Methylimidazolium Bromide) and Water. 2004 , 33, 1333-1347	82
1751	Use of Ionic Liquids as Solvents for Epoxidation Reactions Catalysed by a Chiral Katsuki-Type Salen Complex: Enhanced Reactivity and Recovery of Catalyst. 2004 , 98, 95-101	34
1750	Novel room temperature ionic liquids of hexaalkyl substituted guanidinium salts for dye-sensitized solar cells. 2004 , 79, 73-77	79
1749	A Bloembergen-Purcell-Pound 13C NMR relaxation study of the ionic liquid 1-butyl-3-methylimidazolium hexafluorophosphate. 2004 , 378, 1548-54	41
1748	Solvent extraction of amino acids into a room temperature ionic liquid with dicyclohexano-18-crown-6. 2004 , 378, 1369-75	135
1747	Use of the ionic liquid 1-butyl-3-methylimidazolium hexafluorophosphate in countercurrent chromatography. 2004 , 380, 168-77	64
1746	AlCl3-catalysed dimerization of 1,3-cyclopentadiene in the chloroaluminate room temperature ionic liquid. 2004 , 208, 33-37	38
1745	Friction and wear behaviors of ionic liquid of alkylimidazolium hexafluorophosphates as lubricants for steel/steel contact. 2004 , 256, 44-48	256
1744	Transesterification between isoamyl acetate and ethanol in supercritical CO2, ionic liquid, and their mixture. 2004 , 29, 107-111	17
1743	Synthesis of hydrophilic/CO2-philic poly(ethylene oxide)-b-poly(1,1,2,2-tetrahydroperfluorodecyl acrylate) block copolymers via controlled/living radical polymerizations and their properties in liquid and supercritical CO2. 2004 , 42, 2405-2415	65
1742	Cationic polymerization of styrene in a neutral ionic liquid. 2004 , 42, 3230-3235	53

(2004-2004)

1741	Preparation and characterization of functionalized precipitated silica SYLOID 244 using ionic liquids as modifiers. 2004 , 36, 1491-1496	11
1740	The Application of Microwaves in Combinatorial and High-Throughput Synthesis as New Synthetic Procedure in Drug Discovery. 2004 , 23, 919-944	33
1739	Dramatic enhancement of catalytic activity in an ionic liquid: highly practical Friedel-Crafts alkenylation of arenes with alkynes catalyzed by metal triflates. 2004 , 43, 6183-5	159
1738	Ionic liquids as moderators in exothermic polymerization reactions. 2004 , 43, 5363-6	30
1737	Stetter Reaction in Room Temperature Ionic Liquids and Application to the Synthesis of Haloperidol. 2004 , 346, 1329-1334	37
1736	Separation of azeotropic mixtures using hyperbranched polymers or ionic liquids. 2004 , 50, 2439-2454	290
1735	Dramatic Enhancement of Catalytic Activity in an Ionic Liquid: Highly Practical Friedel@rafts Alkenylation of Arenes with Alkynes Catalyzed by Metal Triflates. 2004 , 116, 6309-6311	31
1734	Ionic Liquids as Moderators in Exothermic Polymerization Reactions. 2004 , 116, 5477-5480	1
1733	Novel Room Temperature Inorganic Ionic Liquids. 2004 , 2004, 237-241	64
1732	Preparation and Characterization of New Phosphonyl-Substituted Imidazolium Ionic Liquids. 2004 , 87, 2549-2555	23
1731	Efficient Coupling Reactions of Arylalkynes and Aldehydes Leading to the Synthesis of Enones. 2004 , 87, 3080-3084	24
1730	Rate constants for reaction of 1,2-dimethylimidazole with benzyl bromide in ionic liquids and organic solvents. 2004 , 36, 253-258	44
1729	Matrix-assisted laser desorption/ionization mass spectrometry for the characterization of ionic liquids and the analysis of amino acids, peptides and proteins in ionic liquids. 2004 , 39, 1494-505	56
1728	A mild, efficient and improved protocol for the friedläder synthesis of quinolines using lewis acidic ionic liquid. 2004 , 41, 1039-1041	43
1727	Gaseous supramolecules of imidazolium ionic liquids: "magic" numbers and intrinsic strengths of hydrogen bonds. 2004 , 10, 6187-93	225
1726	Heterogeneous oxidation of pyrimidine and alkyl thioethers in ionic liquids over mesoporous Ti or Ti/Ge catalysts. 2004 , 10, 4640-6	31
1725	Low-melting, low-viscous, hydrophobic ionic liquids: 1-alkyl(alkyl ether)-3-methylimidazolium perfluoroalkyltrifluoroborate. 2004 , 10, 6581-91	235
1724	Supported liquid membranes using ionic liquids: study of stability and transport mechanisms. 2004 , 242, 197-209	207

1723	Gas separations using non-hexafluorophosphate [PF6][anion supported ionic liquid membranes. 2004 , 238, 57-63	409
1722	Eco-friendly heterogeneous solid acids as novel and recyclable catalysts in ionic medium for tetrahydropyranols. 2004 , 210, 99-103	49
1721	N-donor complexes of palladium as catalysts for Suzuki cross-coupling reactions in ionic liquids. 2004 , 214, 27-32	65
1720	Rapid and sensitive determination of anthraquinones in Chinese herb using 1-butyl-3-methylimidazolium-based ionic liquid with beta-cyclodextrin as modifier in capillary zone electrophoresis. 2004 , 1059, 191-8	96
1719	Ions transfer mechanisms during the electrochemical oxidation of poly(3,4-ethylenedioxythiophene) in 1-ethyl-3-methylimidazolium bis((trifluoromethyl)sulfonyl)amide ionic liquid. 2004 , 6, 299-305	67
1718	Electrosynthesis in room-temperature ionic liquids: benzaldehyde reduction. 2004 , 49, 3821-3826	70
1717	Development of new class of ion conductive polymers based on ionic liquids. 2004 , 50, 255-261	274
1716	Preparation and transport properties of novel lithium ionic liquids. 2004 , 50, 305-309	103
1715	Room temperature molten salts as lithium battery electrolyte. 2004 , 49, 4583-4588	564
1714	Gelation and ionic conductivity of fluoroalkyl end-capped 2-acrylamido-2-methylpropanesulfonic acid oligomers in ionic liquids. 2004 , 40, 1595-1597	8
1713	Solid[Iquid equilibria for systems containing 1-butyl-3-methylimidazolium chloride. 2004, 218, 123-129	52
1712	Solubility of 1,3-dialkylimidazolium chloride or hexafluorophosphate or methylsulfonate in organic solvents: effect of the anions on solubility. 2004 , 221, 73-82	60
1711	Enantioselective catalytic asymmetric hydrogenation of ethyl acetoacetate in room temperature ionic liquids. 2004 , 15, 2219-2221	44
1710	Enantiopure fluorous amino-derivatives: synthesis and some applications in asymmetric organometallic catalysis. 2004 , 15, 2633-2640	10
1709	Mukaiyama aldol reaction using ketene silyl acetals with carbonyl compounds in ionic liquids. 2004 , 45, 375-377	28
1708	One-pot synthesis of silica gel confined functional ionic liquids: effective catalysts for deoximation under mild conditions. 2004 , 45, 265-268	99
1707	Synthesis and preliminary use of novel acrylic ester-derived task-specific ionic liquids. 2004 , 45, 569-571	58
1706	Lipase-catalyzed enantioselective reaction of amines with carboxylic acids under reduced pressure in non-solvent system and in ionic liquids. 2004 , 45, 523-525	66

1705	The use of potassium alkynyltrifluoroborates in Mannich reactions. 2004 , 45, 729-731	36
1704	The first ionic liquids promoted conjugate addition of azide ion to 日,即nsaturated carbonyl compounds. 2004 , 45, 1219-1221	41
1703	Low melting and slightly viscous ionic liquids via protonation of trialkylamines by perfluoroalkyl 耐iketones. 2004 , 45, 1733-1736	20
1702	Peptide synthesis in room temperature ionic liquids. 2004 , 45, 1617-1619	39
1701	An ionic liquid based on a cyclic guanidinium cation is an efficient medium for the selective oxidation of benzyl alcohols. 2004 , 45, 2013-2015	80
1700	Development of a novel ionic support and its application in the ionic liquid phase assisted synthesis of a potent antithrombotic. 2004 , 45, 2171-2175	46
1699	Efficient synthesis of chlorohydrins: ionic liquid promoted ring-opening reaction of epoxides and TMSCl. 2004 , 45, 2435-2438	32
1698	Pd/CaCO3 in liquid poly(ethylene glycol) (PEG): an easy and efficient recycle system for partial reduction of alkynes to cis-olefins under a hydrogen atmosphere. 2004 , 45, 2421-2423	60
1697	Ionic liquid catalyzed Henry reactions. 2004 , 45, 2699-2701	112
1696	Investigation of the behavior of arenediazonium salts with olefins in BmimPF6. 2004 , 45, 2775-2777	37
1695	Hydrotalcite catalysis in ionic liquid medium: a recyclable reaction system for heterogeneous Knoevenagel and nitroaldol condensation. 2004 , 45, 3055-3058	102
1694	Pyrrole synthesis in ionic liquids by Paalknorr condensation under mild conditions. 2004 , 45, 3417-3419	84
1693	Electrophilic catalysis in nucleophilic substitution reactions in ionic liquids. 2004, 45, 3633-3634	4
1692	Friedel¶rafts reactions in ionic liquids: the counter-ion effect on the dealkylation and acylation of methyl dehydroabietate. 2004 , 45, 4375-4377	25
1691	Dy(OTf)3 in ionic liquid: an efficient catalytic system for reactions of indole with aldehydes/ketones or imines. 2004 , 45, 4567-4570	179
1690	New chiral imidazolium ionic liquids: 3D-network of hydrogen bonding. 2004 , 45, 4429-4431	86
1689	BaylisHillman reaction in [bdmim][PF6] ionic liquid. 2004 , 45, 4673-4676	92
1688	An efficient procedure for protection of carbonyls in Brînsted acidic ionic liquid [Hmim]BF4. 2004 , 45, 4963-4965	97

1687	Microwave-assisted clean synthesis of 6-aryl-2,4-diamino-1,3,5-triazines in [bmim][PF6]. 2004 , 45, 5313-5316	41
1686	Bi(OTf) 3 /[bmim]BF 4 as novel and reusable catalytic system for the synthesis of furan, pyrrole and thiophene derivatives. 2004 , 45, 5873-5876	89
1685	Supported ionic liquid asymmetric catalysis. A new method for chiral catalysts recycling. The case of proline-catalyzed aldol reaction. 2004 , 45, 6113-6116	127
1684	First application of chiral ionic liquids in asymmetric Baylis⊞illman reaction. 2004 , 45, 6425-6428	169
1683	One-step CN, CO bonds cleavage and CO, CN bonds formation over supported ionic liquid in water. 2004 , 45, 6791-6794	10
1682	Thermal stability of ionic liquid BMI(BF4) in the presence of nucleophiles. 2004, 45, 6967-6969	50
1681	Tetrabutylammonium bromide: an efficient media for dimethoxytritylation of the 5?-hydroxyl function of nucleosides. 2004 , 45, 6737-6739	23
1680	A novel glycosidation of glycosyl fluoride using a designed ionic liquid and its effect on the stereoselectivity. 2004 , 45, 7043-7047	59
1679	Efficient aldehyde olefination reactions catalyzed by an iron porphyrin complex in an ionic liquid. 2004 , 45, 7415-7418	27
1678	IBX in an ionic liquid: eco-friendly oxidation of 17日-methylandrostan-3即7时iol, an intermediate in the synthesis of anabolic oxandrolone. 2004 , 45, 7585-7588	26
1677	Ionic liquids incorporating camphorsulfonamide units for the Ti-promoted asymmetric diethylzinc addition to benzaldehyde. 2004 , 45, 8157-8160	33
1676	Synthesis of tetrahydro-配arbolinediketopiperazines in [bdmim][PF6] ionic liquid accelerated by controlled microwave heating. 2004 , 45, 8137-8140	54
1675	DielsAlder reactions in pyridinium based ionic liquids. 2004 , 45, 8339-8342	57
1674	Chemoenzymatic synthesis of enantiomerically pure 1,2-diols employing immobilized lipase in the ionic liquid [bmim]PF6. 2004 , 45, 8801-8805	52
1673	Design and synthesis of novel imidazolium-based ionic liquids with a pseudo crown-ether moiety: diastereomeric interaction of a racemic ionic liquid with enantiopure europium complexes. 2004 , 45, 9455-9459	58
1672	Room temperature ionic liquid 1-ethyl-3-hexylimidazolium-bis(trifluoromethylsulfonyl)-imide as lubricant for steel5teel contact. 2004 , 37, 547-552	163
1671	Electrochemical reduction of supercritical carbon dioxide in ionic liquid 1-n-butyl-3-methylimidazolium hexafluorophosphate. 2004 , 32, 287-291	55
1670	Decay of nano-islands located on Au(100) electrode in room temperature molten salt (EMImBF4). 2004 , 565, L271-L276	10

Studies on an ionic liquid prepared from InCl3 and 1-methyl-3-butylimidazolium chloride. 2004 ,	412, 1-5 40
1668 Combined biological and chemical catalysis in the preparation of oxycodone. 2004 , 60, 561-568	57
Catalysis by ionic liquid: a simple, green and efficient procedure for the Michael addition of this and thiophosphate to conjugated alkenes in ionic liquid, [pmIm]Br. 2004 , 60, 4183-4188	ols 110
Lithium heptadecafluorooctanesulfonate catalyzed Mannich-type and aza-DielsAlder reactions supercritical carbon dioxide. 2004 , 60, 6163-6167	in 20
Recyclable organotungsten Lewis acid and microwave assisted DielsAlder reactions in water an ionic liquids. 2004 , 60, 11903-11909	nd in 40
1664 Carbon [bnic liquid double-layer capacitors. 2004 , 65, 281-286	227
1663 Photolytic degradation of chlorinated phenols in room temperature ionic liquids. 2004 , 165, 22	9-240 67
Thermal and photochemical properties of 4?-hydroxyflavylium in waterIbnic liquid biphasic systems. 2004 , 168, 185-189	11
1661 Temperature dependence of viscosity for room temperature ionic liquids. 2004 , 568, 167-181	320
Electrochemical synthesis and in situ spectroelectrochemical characterization of poly(3,4-ethylenedioxythiophene) (PEDOT) in room temperature ionic liquids. 2004 , 570, 113-1	22 ¹³⁴
Application of ionic liquids as solvents for polymerization processes. 2004 , 29, 3-12	513
1658 Electroacoustics in low-temperature ionic liquids. 2004 , 275, 317-21	5
Hydrocarboxylation and stepwise alternating oligomerization of carbon monoxide and ethylen catalyzed by cis-[Rh(CO)2(amine)2](PF6) complexes in a wet liquid tetrabutylammonium hydrogensulfate. 2004 , 23, 1677-1683	e 6
Polymeric end-to-end bibridged cadmium(II)thiocyanates containing monodentate and bidenta 1656 N-donor organic blockers: supramolecular synthons based on [and/or CH?[Interactions. 2004, 23, 2045-2053	92
1655 Biphasic hydroformylation catalysis in ionic liquid media. 2004 , 23, 2679-2688	51
Highly ion conductive flexible films composed of network polymers based on polymerizable ion liquids. 2004 , 45, 1577-1582	nic 246
1653 Electrochemical synthesis of polypyrrole in ionic liquids. 2004 , 45, 1447-1453	178
1652 Esterification of aliphatic acids with olefin promoted by Brῆsted acidic ionic liquids. 2004 , 212,	71-75 126

1651	Comparative studies on alkylation of phenol with tert-butyl alcohol in the presence of liquid or solid acid catalysts in ionic liquids. 2004 , 212, 301-308	49
1650	Synthesis of 2,3-unsaturated glycopyranosides by Ferrier rearrangement in FeCl3 based ionic liquid. 2004 , 223, 237-240	57
1649	Oxidation of hydrocarbons with iodobenzene diacetate catalyzed by manganese(III) porphyrins in a room temperature ionic liquid. 2004 , 214, 95-101	45
1648	Friedel@rafts alkylation of \oplus -methylnaphthalene in the presence of ionic liquids. 2004 , 222, 207-212	21
1647	Direct polycondensation in ionic liquids. 2004 , 40, 2065-2075	94
1646	Preparation of nanoparticulate metal catalysts in porous supports using an ionic liquid route; hydrogenation and CL coupling. 2004 , 7, 73-76	73
1645	Ionic liquids in catalysis. 2004 , 248, 2459-2477	1312
1644	Stability and reactivity of N-heterocyclic carbene complexes. 2004 , 248, 2247-2273	886
1643	Chromatographic and spectroscopic methods for the determination of solvent properties of room temperature ionic liquids. 2004 , 1037, 49-82	557
1642	Ionic conductivity of polymer gels deriving from alkali metal ionic liquids and negatively charged polyelectrolytes. 2004 , 49, 1797-1801	60
1641	Ionic liquids as modulators of the critical micelle concentration of sodium dodecyl sulfate. 2004 , 35, 119-24	118
1640	Orientational ordering of alkyl chain at the air/liquid interface of ionic liquids studied by sum frequency vibrational spectroscopy. 2004 , 389, 321-326	114
1639	Structure of an ionic liquid, 1-n-butyl-3-methylimidazolium iodide, studied by wide-angle X-ray scattering and Raman spectroscopy. 2004 , 392, 460-464	178
1638	Temperature-dependence of the low-frequency spectrum of 1-pentyl-3-methylimidazolium bis(trifluoromethanesulfonyl)imide studied by optical Kerr effect spectroscopy. 2004 , 393, 372-377	92
1637	Ionic liquids as solvents for near-infrared emitting lanthanide complexes. 2004, 395, 306-310	80
1636	Aggregation and micelle formation of ionic liquids in aqueous solution. 2004 , 400, 296-300	275
1635	Friedel¶ rafts alkylation of 2-methylnaphthalene in room temperature ionic liquids. 2004, 262, 69-73	28
1634	Activity and stability investigation of [BMIM][AlCl4] ionic liquid as catalyst for alkylation of benzene with 1-dodecene. 2004 , 276, 61-66	54

1633	Rapid synthesis of [18F]FDG without an evaporation step using an ionic liquid. 2004 , 61, 1241-6	39
1632	pH Measurements of 1-alkyl-3-methylimidazolium chloride in alcohols. 2004 , 6, 299-303	8
1631	Phosphazene-based ionic liquids: synthesis, temperature-dependent viscosity, and effect as additives in water lubrication of silicon nitride ceramics. 2004 , 43, 5466-71	139
1630	Tri-phase behavior of ionic liquidWaterICO2 system at elevated pressures. 2004 , 6, 5051-5055	52
1629	Surface Spectroscopy of Room-temperature Ionic Liquids on a Platinum Electrode: A Sum Frequency Generation Study. 2004 , 108, 15133-15140	131
1628	A study of tri-phasic behavior of ionic liquidfhethanol@O2 systems at elevated pressures. 2004 , 6, 2352-2357	44
1627	Electrocapillarity at the nonpolarized interface between the aqueous solution and the room-temperature molten salt composed of 1-octyl-3-methylimidazolium bis(pentafluoroethylsulfonyl)imide. 2004 , 6, 4445	24
1626	Syntheses, structures and properties of 1-ethyl-3-methylimidazolium salts of fluorocomplex anions. 2004 , 144-9	102
1625	Liquid poly(ethylene glycol) and supercritical carbon dioxide as a biphasic solvent system for lipase-catalyzed esterification. 2004 , 2750-1	31
1624	Ionic liquid-immobilized catalytic system for biomimetic dihydroxylation of olefins. 2004, 1494-5	32
1623	Effect of Organic Cosolvents on the Solubility of Ionic Liquids in Supercritical CO2. 2004 , 49, 1597-1601	73
1622	Electroreduction of Dioxygen in 1-n-Alkyl-3-methylimidazolium Tetrafluoroborate Room-Temperature Ionic Liquids. 2004 , 151, D31	95
1621	Organic Reactions in Ionic Liquids: A New Method for the Synthesis of Alkyl Aryl Sulfones by Alkylation of Sodium Arenesulfinates with Unactivated Alkyl Chlorides. 2004 , 34, 4031-4035	6
1620	Enhanced activity, enantioselectivity and stability of papain in asymmetric hydrolysis of d,l-p-hydroxyphenylglycine methyl ester with ionic liquid. 2004 , 22, 171-176	30
1619	Thermal Properties and Ionic Conductivity of Side Chain Polymers Having Imidazolium Salt. 2004 , 419, 87-95	1
1618	Kinetic study of the addition of trihalides to unsaturated compounds in ionic liquids. Evidence of a remarkable solvent effect in the reaction of ICl2 2004 , 69, 6059-64	66
1617	A structural and electrochemical investigation of 1-alkyl-3-methylimidazolium salts of the nitratodioxouranate(VI) anions [[UO2(NO3)2]2(mu 4-C2O4)]2-, [UO2(NO3)3]-, and [UO2(NO3)4]2 2004 , 43, 2503-14	67
1616	Ionic Liquids/Water Distribution Ratios of Some Polycyclic Aromatic Hydrocarbons. 2004 , 49, 1422-1424	23

1615	Continuous Microflow Synthesis of Butyl Cinnamate by a Mizorokilleck Reaction Using a Low-Viscosity Ionic Liquid as the Recycling Reaction Medium. 2004 , 8, 477-481	104
1614	CO2-Catalyzed Acetal Formation in CO2-Expanded Methanol and Ethylene Glycol. 2004 , 43, 2605-2609	36
1613	SELF-ASSEMBLY OF AN IONIC LIQUID AND A HYDROXYL-TERMINATED LIQUID CRYSTAL: ANISOTROPIC ION CONDUCTION IN LAYERED NANOSTRUCTURES. 2004 , 413, 99-108	46
1612	Micelles of imidazolium-functionalized polystyrene diblock copolymers investigated with neutron and light scattering. 2004 , 20, 596-605	56
1611	A Room-Temperature Ionic-Liquid-Templated Proton-Conducting Gelatinous Electrolyte. 2004 , 108, 17512-17	75 18 2
1610	Conformational Change of the CationAnion Pair of an Ionic Liquid Related to Its Low-Temperature Solid-State Phase Transitions. 2004 , 108, 9246-9250	10
1609	Electro-oxidation of Benzyl Alcohol in a Biphasic System Consisting of Supercritical CO2 and Ionic Liquids. 2004 , 108, 13052-13057	48
1608	A neutron scattering study of the structure and water partitioning of selectively deuterated copolymer micelles. 2004 , 20, 8975-87	36
1607	Dynamic Solvation in Room-Temperature Ionic Liquids 2004, 108, 10245-10255	196
1606	1-Alkyl-3-methylimidazolium Bis(perfluoroalkylsulfonyl)imide Water-Immiscible Ionic Liquids. 2004 , 151, E219	117
1605	Structure of the Room-Temperature Ionic Liquid/SiO2 Interface Studied by Sum-Frequency Vibrational Spectroscopy. 2004 , 108, 20255-20262	151
1604	Low melting inorganic salts of alkyl-, fluoroalkyl-, alkyl ether-, and fluoroalkyl ether-substituted oxazolidine and morpholine. 2004 , 43, 2960-6	46
1603	M3+ Lanthanide Chloride Complexes in Neutral Room Temperature Ionic Liquids: A Theoretical Study. 2004 , 108, 3311-3319	50
1602	Solvent-Free Stereoselective Synthesis of cis-1-Carbomethoxy-2-Aryl-3,3-Dicyanocyclopropanes by Grinding. 2004 , 34, 4395-4400	22
1601	Solvent-free Al(OTf)3-catalyzed aminolysis of 1,2-epoxides by 2-picolylamine: a key step in the synthesis of ionic liquids. 2004 , 69, 7745-7	41
1600	Specific Effects of Room Temperature Ionic Liquids on Cleavage Reactivity: Example of the Carbon Balogen Bond Breaking in Aromatic Radical Anions. 2004 , 108, 6175-6182	56
1599	Voltammetric Studies with Adhered Microparticles and the Detection of a Dependence of Organometallic Cis+ -> Trans+ First-Order Isomerization Rate Constants on the Identity of the Ionic Liquid. 2004 , 108, 7363-7372	16
1598	Partition Coefficients of Low-Volatility Solutes in the Ionic Liquid 1-n-Butyl-3-methylimidazolium HexafluorophosphateBupercritical CO2 System from Chromatographic Retention Measurements. 2004 , 108, 11244-11249	28

1597	A new solvent system for recycling catalysts for chelation-assisted hydroacylation of olefins with primary alcohols. 2004 , 126, 424-5	49
1596	On the Structure and Dynamics of Ionic Liquids. 2004 , 108, 1744-1752	599
1595	Synthesis and Aqueous Ozonation of Some Pyridinium Salts with Alkoxymethyl and Alkylthiomethyl Hydrophobic Groups. 2004 , 43, 1966-1974	26
1594	Gelation of Ionic Liquids Using a Cross-Linked Poly(Ethylene Glycol) Gel Matrix. 2004 , 16, 3091-3097	104
1593	Direct oxidative carboxylation of styrene to styrene carbonate in the presence of ionic liquids. 2004 , 5, 83-87	67
1592	A Refined Force Field for Molecular Simulation of Imidazolium-Based Ionic Liquids. 2004 , 108, 12978-12989	457
1591	Mixing Schemes in Ionic Liquid⊞2O Systems: ´A Thermodynamic Study. 2004 , 108, 19451-19457	179
1590	Liquid Phase Behavior of Imidazolium-Based Ionic Liquids with Alcohols. 2004 , 108, 5113-5119	355
1589	Deep eutectic solvents formed between choline chloride and carboxylic acids: versatile alternatives to ionic liquids. 2004 , 126, 9142-7	2355
1588	Regular Solution Theory and CO2 Gas Solubility in Room-Temperature Ionic Liquids. 2004 , 43, 6855-6860	251
1587	The Baeyer-Villiger reaction: new developments toward greener procedures. <i>Chemical Reviews</i> , 2004 , 104, 4105-24	548
1586	Noncovalent anchoring of homogeneous catalysts to silica supports with well-defined binding sites. 2004 , 126, 14557-66	45
1585	Enantioselective hydrogenation of imines in ionic liquid/carbon dioxide media. 2004 , 126, 16142-7	206
1584	Ionic liquid as an efficient promoting medium for fixation of CO2: clean synthesis of alpha-methylene cyclic carbonates from CO2 and propargyl alcohols catalyzed by metal salts under mild conditions. 2004 , 69, 391-4	135
1583	Influence of Ionic Liquids on the Phase Behavior of Aqueous Azeotropic Systems. 2004 , 49, 852-857	183
1582	Immobilization of Pd(OAc)(2) in ionic liquid on silica: application to sustainable Mizoroki-Heck reaction. 2004 , 6, 2325-8	184
1581	Ionic Liquid Promoted Rapid Synthesis of Aryl Hydrazones Under Ambient Conditions. 2004 , 34, 41-48	4
1580	Application of functional ionic liquids possessing two adjacent acid sites for acetalization of aldehydes. 2004 , 69, 3582-5	121

1579	Kinetic Analysis of the Reaction between Electrogenerated Superoxide and Carbon Dioxide in the Room Temperature Ionic Liquids 1-Ethyl-3-methylimidazolium Bis(trifluoromethylsulfonyl)imide and Hexyltriethylammonium Bis(trifluoromethylsulfonyl)imide. 2004 , 108, 3947-3954	77
1578	Effect of Ionic Liquids on the Chemical Equilibrium of Esterification of Carboxylic Acids with Alcohols. 2004 , 34, 225-230	24
1577	Ionic liquids based upon metal halide/substituted quaternary ammonium salt mixtures. 2004 , 43, 3447-52	253
1576	Highlights of Applications in Synthesis and Catalysis: 10.8 Metal Catalyzed Carbon t arbon Bond Forming Reactions in Fluorous Biphasic Systems. 2004 , 257-272	1
1575	Hydroformylation with Carbon Dioxide using Ionic Liquid Media. 2004, 153, 227-232	11
1574	Highlights of Applications in Synthesis and Catalysis: 10.13 Enantioselective Catalysis: Biphasic Conditions. 2004 , 306-315	1
1573	Paradigm confirmed: the first use of ionic liquids to dramatically influence the outcome of chemical reactions. 2004 , 6, 707-10	280
1572	Aqueous-organic phase transfer of gold nanoparticles and gold nanorods using an ionic liquid. 2004 , 126, 5036-7	212
1571	Ionic liquids as a convenient new medium for the catalytic asymmetric dihydroxylation of olefins using a recoverable and reusable osmium/ligand. 2004 , 69, 4381-9	68
1570	Synthesis of gold nanoparticles modified with ionic liquid based on the imidazolium cation. 2004 , 126, 3026-7	506
1569	Solvent extraction and stripping of silver ions in room-temperature ionic liquids containing calixarenes. 2004 , 76, 5039-44	221
1568	Inhibition of Catalytic Activity in Ionic Liquids: Implications for Catalyst Design and the Effect of Cosolvents. 2004 , 23, 6080-6083	57
1567	Room-Temperature Ionic Liquids as Template to Monolithic Mesoporous Silica with Wormlike Pores via a Sol © el Nanocasting Technique. 2004 , 4, 477-481	458
1566	Predicting Infinite-Dilution Activity Coefficients of Organic Solutes in Ionic Liquids. 2004 , 43, 1039-1048	77
1565	Extraction of cesium ions from aqueous solutions using calix[4]arene-bis(tert-octylbenzo-crown-6) in ionic liquids. 2004 , 76, 3078-83	239
1564	Influence of water on the surface of hydrophilic and hydrophobic room-temperature ionic liquids. 2004 , 126, 11788-9	195
1563	Sn-∰molecular sieve catalysed Baeyer Villiger oxidation in ionic liquid at room temperature. 2004 , 6, 308-309	28
1562	Triazine-Based Polyfluorinated Triquaternary Liquid Salts: Synthesis, Characterization, and Application as Solvents in Rhodium(I)-Catalyzed Hydroformylation of 1-Octene. 2004 , 23, 783-791	40

1561	Evaluating the cytotoxicity of ionic liquids using human cell line HeLa. 2004 , 23, 513-7	205
1560	Synthesis and characterization of ionic liquids incorporating the nitrile functionality. 2004 , 43, 2197-205	204
1559	Excitation-Wavelength-Dependent Fluorescence Behavior of Some Dipolar Molecules in Room-Temperature Ionic Liquids. 2004 , 108, 9048-9053	209
1558	Electroanalytical determination of trace chloride in room-temperature ionic liquids. 2004 , 76, 1998-2003	106
1557	Computational study of imidazolium-based ionic solvents with alkyl substituents of different lengths. 2004 , 102, 829-838	159
1556	Organic Reactions in Ionic Liquids: Gewald Synthesis of 2-Aminothiophenes Catalyzed by Ethylenediammonium Diacetate. 2004 , 34, 3801-3806	33
1555	Tuning the Emission Color of Europium-Containing Ionic Liquid-Crystalline Phases. 2004 , 16, 4063-4070	134
1554	Organometallic Complexes Derived from Alkyne-Functionalized Imidazolium Salts. 2004 , 23, 1622-1628	52
1553	Vapor Pressures of the 1-Butyl-3-methylimidazolium Bromide + Water, 1-Butyl-3-methylimidazolium Tetrafluoroborate + Water, and 1-(2-Hydroxyethyl)-3-methylimidazolium Tetrafluoroborate + Water Systems. 2004 , 49, 1550-1553	107
1552	Molecular solvent/ionic liquid binary mixtures: designing solvents based on the determination of their microscopic properties. 2004 , 42, 625-632	33
1551	Molecular Dynamics Study of Polarity in Room-Temperature Ionic Liquids. 2004 , 108, 1072-1079	130
1550	A Series of Highly Ordered, Super-Microporous, Lamellar Silicas Prepared by Nanocasting with Ionic Liquids. 2004 , 16, 544-550	196
1549	Macroscopic and microscopic properties of solutions of aromatic compounds in an ionic liquid. 2004 , 102, 85-94	107
1548	Irregular Ionic Lattice Model for Gas Solubilities in Ionic Liquids. 2004 , 43, 1296-1301	33
1547	Room-Temperature Thermotropic Ionic Liquid Crystals: Viologen Bis(Triflimide) Salts. 2004 , 419, 27-46	43
1546	A Comparative Study on the Reactivity of Electrogenerated Bromine with Cyclohexene in Acetonitrile and the Room Temperature Ionic Liquid, 1-Butyl-3-methylimidazolium Bis[(trifluoromethyl)sulfonyl]imide. 2004 , 108, 16322-16327	42
1545	Aggregation behavior of aqueous solutions of ionic liquids. 2004 , 20, 2191-8	602
1544	Structural Studies of Crystalline 1-Alkyl-3-Methylimidazolium Chloride Salts. 2004 , 16, 43-48	123

1543	Long-life air working conducting semi-IPN/ionic liquid based actuator. 2004 , 142, 287-291	135
1542	Behaviour of a binary solvent mixture constituted by an amphiphilic ionic liquid, 1-decyl-3-methylimidazolium bromide and water Potentiometric and conductimetric studies. 2004 , 63, 979-86	128
1541	Modeling of Activity Coefficients of Aqueous Solutions of Quaternary Ammonium Salts with the Electrolyte-NRTL Equation. 2004 , 43, 815-825	67
1540	WILLIAMSON REACTION IN IONIC LIQUIDS. 2004 , 36, 156-161	7
1539	Homogeneous acetylation of cellulose in a new ionic liquid. 2004 , 5, 266-8	539
1538	The first (ferrocenylmethyl)imidazolium and (ferrocenylmethyl)triazolium room temperature ionic liquids. 2004 , 43, 3406-12	111
1537	Raman and Infrared Spectra and ab Initio Calculations of C2-4MIM Imidazolium Hexafluorophosphate Ionic Liquids. 2004 , 108, 13177-13184	381
1536	Nucleophilicity in ionic liquids. 3. Anion effects on halide nucleophilicity in a series of 1-butyl-3-methylimidazolium ionic liquids. 2004 , 69, 5986-92	107
1535	Manipulating solute nucleophilicity with room temperature ionic liquids. 2004 , 126, 11549-55	205
1534	Modeling Ionic Liquids Using a Systematic All-Atom Force Field. 2004 , 108, 2038-2047	1029
1534 1533	Modeling Ionic Liquids Using a Systematic All-Atom Force Field. 2004, 108, 2038-2047 A unified approach to quinolizinium cations and related systems by ring-closing metathesis. 2004, 6, 4125-7	1029
	A unified approach to quinolizinium cations and related systems by ring-closing metathesis. 2004 ,	
1533	A unified approach to quinolizinium cations and related systems by ring-closing metathesis. 2004 , 6, 4125-7	34
1533 1532	A unified approach to quinolizinium cations and related systems by ring-closing metathesis. 2004 , 6, 4125-7 The First Platinum-Catalyzed Hydroamination of Ethylene. 2004 , 23, 1264-1268	34
1533 1532 1531	A unified approach to quinolizinium cations and related systems by ring-closing metathesis. 2004, 6, 4125-7 The First Platinum-Catalyzed Hydroamination of Ethylene. 2004, 23, 1264-1268 Thermophysical Properties of Imidazolium-Based Ionic Liquids. 2004, 49, 954-964 Organic Reactions in Ionic Liquids: Ionic Liquid Promoted Knoevenagel Condensation of Aromatic	34 88 1262
1533 1532 1531 1530	A unified approach to quinolizinium cations and related systems by ring-closing metathesis. 2004, 6, 4125-7 The First Platinum-Catalyzed Hydroamination of Ethylene. 2004, 23, 1264-1268 Thermophysical Properties of Imidazolium-Based Ionic Liquids. 2004, 49, 954-964 Organic Reactions in Ionic Liquids: Ionic Liquid Promoted Knoevenagel Condensation of Aromatic Aldehydes with (2-Thio)Barbituric Acid. 2004, 34, 4521-4529 Organic Reactions in Ionic Liquids: An Efficient Method for Selective S-Alkylation of	34 88 1262 22
1533 1532 1531 1530 1529	A unified approach to quinolizinium cations and related systems by ring-closing metathesis. 2004, 6, 4125-7 The First Platinum-Catalyzed Hydroamination of Ethylene. 2004, 23, 1264-1268 Thermophysical Properties of Imidazolium-Based Ionic Liquids. 2004, 49, 954-964 Organic Reactions in Ionic Liquids: Ionic Liquid Promoted Knoevenagel Condensation of Aromatic Aldehydes with (2-Thio)Barbituric Acid. 2004, 34, 4521-4529 Organic Reactions in Ionic Liquids: An Efficient Method for Selective S-Alkylation of 2-Mercaptobenzothia(xa)zole with Alkyl Halides. 2004, 34, 2039-2046 Experimental study of the adsorption of an ionic liquid onto bacterial and mineral surfaces. 2004,	34 88 1262 22

1525	Indium tribromide/[bmim]PF6: A novel and recyclable catalytic system for the deprotection of 1,1-diacetates. 2004 , 2004, 753-755	10
1524	One-Pot Three-Step Synthesis of 3-Aryl-2-Benzoylimino-4-Thiazolidinones in the Ionic Liquid [bmim+][PF6]] 2004 , 2004, 676-678	2
1523	Organic reactions in ionic liquids: N-alkylation of cyclic imides with alkyl halides promoted by potassium fluoride. 2004 , 2004, 276-278	6
1522	Organic Reactions in Ionic Liquids: An Efficient Method for the N-Alkylation of Benzotriazole. 2004 , 2004, 344-346	7
1521	Ionic liquid-Accelerated N-Arylation of Benzoazoles with Diaryliodonium Salts, An Efficient Method for the Synthesis of N-aryl Azoles. 2004 , 2004, 206-207	8
1520	An Efficient Method for the Preparation of 卧itroalkanols in Room Temperature Ionic Liquids. 2004 , 2004, 154-155	4
1519	Inclusion Complexation of Methyl Orange with €Cyclodextrin in a Room-Temperature Ionic Liquid. 2004 , 218, 829-835	4
1518	Diels-Alder Reaction in Air- and Moisture-Stable Zinc-Containing Ionic Liquids. 2004 , 51, 367-370	11
1517	Synthesis of propylene carbonate from carbon dioxide and propylene oxide using ionic liquids. 2004 , 153, 267-270	1
1516	Preparation of Ecaprolactam via Beckmann Rearrangement of Cyclohexanone Oxime: A Mild and Recyclable Process. 2004 , 33, 1350-1351	18
1515	Allylimidazolium Halides as Novel Room Temperature Ionic Liquids. 2004 , 33, 1360-1361	84
1514	Microwave-assisted Synthesis of Nanocrystalline Metal Sulfides Using an Ionic Liquid. 2004 , 33, 1390-1391	40
1513	Biphasic Hydroformylation of 1-Hexene with Carbon Dioxide Catalyzed by Ruthenium Complex in Ionic Liquids. 2004 , 33, 14-15	49
1512	Bi(OTf)3-[Bmim]PF6: A novel and Recyclable Catalytic System for the Diasteroselective Synthesis of Cis-fused Pyrano and Furanobenzopyrans. 2004 , 33, 1436-1437	24
1511	Polarity of Room-Temperature Ionic Liquid as Examined by EPR Spectroscopy. 2004 , 33, 1464-1465	67
1510	Effect of Methyl Groups onto Imidazolium Cation Ring on Liquid Crystallinity and Ionic Conductivity of Amphiphilic Ionic Liquids. 2004 , 33, 1630-1631	52
1509	An Efficient and Green Synthesis of 2-Arylbenzothiazoles in an Ionic Liquid, [pmIm]Br under Microwave Irradiation. 2004 , 33, 274-275	85
1508	Novel Acidic Ionic Liquids Catalytic Systems for Friedel © rafts Alkylation of Aromatic Compounds with Alkenes. 2004 , 33, 472-473	100

1507	Functional Room-temperature Ionic Liquids as Lubricants for an Aluminum-on-Steel System. 2004 , 33, 524-525	121
1506	Baeyer Villiger Oxidations in Ionic Liquids. A Facile Conversion of Ketones to Esters and Lactones. 2004 , 33, 248-249	31
1505	Low-Viscous, Low-Melting, Hydrophobic Ionic Liquids: 1-Alkyl-3-methylimidazolium Trifluoromethyltrifluoroborate. 2004 , 33, 680-681	37
1504	Nitration of Aromatic Compounds with Nitric Acid Catalyzed by Ionic Liquids. 2004 , 33, 808-809	54
1503	Green Protocol for the Synthesis ofvicinal-Halohydrins from Oxiranes Using the [Bmim]PF6/LiX Reagent System. 2004 , 33, 476-477	14
1502	Microwave-assisted Synthesis of Flower-like ZnO Nanosheet Aggregates in a Room-temperature Ionic Liquid. 2004 , 33, 1332-1333	38
1501	Polarity Measurement for Ionic Liquids Containing Dissociable Protons. 2004 , 33, 1414-1415	50
1500	Selective Oxidation of Thioureas in an Ionic Liquid by Employing an Ion-supported Hypervalent Iodine(III) Reagent. 2005 , 2005, 613-616	8
1499	First Application of Ionic Liquid to Reactions Involving Organotellurium Compounds as Intermediates. 2005 , 2005, 446-448	1
1498	Organic Reactivity in Ionic Liquids: Some Mechanistic Insights into Nucleophilic Substitution Reactions. 2005 , 2005, 413-417	25
1497	Synthesis of vinyl bromides from the reaction of ⊞, ⊞unsaturated carboxylic acids with ionic liquid	
127	[bmim][Br3]/[bmim]Br. 2005 , 2005, 617-619	6
		1
	[bmim][Br3]/[bmim]Br. 2005 , 2005, 617-619	
1496	[bmim][Br3]/[bmim]Br. 2005, 2005, 617-619 Transition Metals in Organosilicon-Based Chemistry. 381-479 Novel Imidazolium-based Ionic Liquids with a Crown-ether Moiety. 2005, 34, 1184-1185	1
1496 1495	[bmim][Br3]/[bmim]Br. 2005, 2005, 617-619 Transition Metals in Organosilicon-Based Chemistry. 381-479 Novel Imidazolium-based Ionic Liquids with a Crown-ether Moiety. 2005, 34, 1184-1185	16
1496 1495 1494	[bmim][Br3]/[bmim]Br. 2005, 2005, 617-619 Transition Metals in Organosilicon-Based Chemistry. 381-479 Novel Imidazolium-based Ionic Liquids with a Crown-ether Moiety. 2005, 34, 1184-1185 Self-assembledN-Alkylimidazolium Perfluorooctanesulfonates. 2005, 34, 442-443 Development of Catalytic Enantioselective Reactions via Palladium Enolates as Key Intermediates.	1 16 16
1496 1495 1494 1493	[bmim][Br3]/[bmim]Br. 2005, 2005, 617-619 Transition Metals in Organosilicon-Based Chemistry. 381-479 Novel Imidazolium-based Ionic Liquids with a Crown-ether Moiety. 2005, 34, 1184-1185 Self-assembledN-Alkylimidazolium Perfluorooctanesulfonates. 2005, 34, 442-443 Development of Catalytic Enantioselective Reactions via Palladium Enolates as Key Intermediates. 2005, 78, 941-956 Molecular Arrangement in the Cocrystals of 1,1?,3,3?-Tetramethyl-2,2?-bi-1H-imidazolium	1 16 16

1489	Conducting and Magnetic Properties of 1-Ethyl-3-methylimidazolium (EMI) Salts Containing Paramagnetic Irons: Liquids [EMI][MIIICl4] (M = Fe and Fe0.5Ga0.5) and Solid [EMI]2[FeIICl4]. 2005 , 78, 1921-1928	72
1488	On the mechanism of radiation-induced polymerization of vinyl monomers in ionic liquid. 2005 , 73, 159-162	9
1487	Promoting effect of ionic liquids on ligand substitution reactions. 2005 , 690, 3540-3545	11
1486	Kinetic study of the oxidative addition of methyl iodide to Vaskall complex in ionic liquids. 2005 , 690, 3522-3528	16
1485	Metal-containing ionic liquids and ionic liquid crystals based on imidazolium moiety. 2005 , 690, 3498-3512	247
1484	Highly regioselective Heck reactions of heteroaryl halides with electron-rich olefins in ionic liquid. 2005 , 690, 3546-3551	39
1483	Preparation, structure and ethylene polymerization behavior of mixed-halide nickel(II) complexes and cobalt(II) complex containing imidazolium. 2005 , 690, 2934-2940	14
1482	The role of additional solvents in transition metal complex catalyzed asymmetric reductions in ionic liquid containing systems. 2005 , 690, 3558-3566	19
1481	An ionic liquid-tagged second generation Hoveydall rubbs ruthenium carbene complex as highly reactive and recyclable catalyst for ring-closing metathesis of di-, tri- and tetrasubstituted dienes. 2005 , 690, 3577-3584	82
1480	Olefin metathesis in room temperature ionic liquids using imidazolium-tagged ruthenium complexes. 2005 , 690, 3585-3599	87
1479	Sonochemistry and sonoluminescence in ionic liquids, molten salts, and concentrated electrolyte solutions. 2005 , 690, 3513-3517	74
1478	Osmium catalyzed asymmetric dihydroxylation of methyl trans-cinnamate in ionic liquids, followed by supercritical CO2 product recovery. 2005 , 690, 3600-3608	52
1477	Formation of chiral ionic liquids and imidazol-2-ylidene metal complexes from the proteinogenic aminoacid l-histidine. 2005 , 690, 5959-5972	43
1476	Comparison of different advanced oxidation processes for the degradation of room temperature ionic liquids. 2005 , 170, 45-50	152
1475	The role of dissolution in the voltammetry of microdroplets and microparticles adhered to electrode surfaces in contact with aqueous electrolytes or ionic liquids. 2005 , 574, 299-309	28
1474	A mechanistic study of the electro-oxidation of bromide in acetonitrile and the room temperature ionic liquid, 1-butyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide at platinum electrodes. 2005 , 575, 311-320	91
1473	Heterogeneous electron-transfer kinetics of nitro compounds in room-temperature ionic liquids. 2005 , 585, 1-7	79
1472	A new room temperature ionic liquid of oxyfluorometallate anion: 1-Ethyl-3-methylimidazolium oxypentafluorotungstate (EMImWOF5). 2005 , 126, 1095-1100	21

1471	Acyclic tertiary diamines and 1,4,7,10-tetraazacyclododecane with fluorine-containing	10
1470	Hydrogenation in ionic liquids: An alternative methodology toward highly selective catalysis of halonitrobenzenes to corresponding haloanilines. 2005 , 235, 137-142	38
1469	Ionic liquid ion sources: characterization of externally wetted emitters. 2005, 282, 415-21	159
1468	Hygroscopic growth of self-assembled layered surfactant molecules at the interface between air and organic salts. 2005 , 284, 278-81	2
1467	Low-temperature ionic liquids immobilized in porous alumina. 2005 , 291, 214-7	8
1466	Polymorphous crystals from chlorozincate-choline chloride ionic liquids in different molar ratios. 2005 , 281, 616-622	19
1465	Recent developments in thermodynamics and thermophysics of non-aqueous mixtures containing ionic liquids. A review. 2005 , 37, 525-535	345
1464	Structural study on uranyl ion in 1-butyl-3-methylimidazolium nonafluorobutanesulfonate ionic liquid. 2005 , 47, 426-433	9
1463	60Co Enitiated polymerization of vinyl monomers in room temperature ionic liquid/THF mixed solutions. 2005 , 46, 8403-8409	22
1462	Liquid membranes using ionic liquids: the influence of water on solute transport. 2005 , 249, 153-162	83
1461	Synthesis of mesoporous SrCO3 spheres and hollow CaCO3 spheres in room-temperature ionic liquid. 2005 , 83, 145-149	66
1460	Preparation and characterization of mesoporous TiO2 particles by modified solgel method using ionic liquids. 2005 , 84, 211-217	87
1459	Alkylation of ⊞-methylnaphthalene with long-chain alkenes catalyzed by butylpyridinium bromochloroaluminate ionic liquids. 2005 , 231, 137-143	15
1458	Convenient and efficient protocols for coumarin synthesis via Pechmann condensation in neutral ionic liquids. 2005 , 235, 249-252	32
1457	Catalyzing Henry reactions in chloroaluminate ionic liquids. 2005 , 235, 244-248	29
1456	FTIR study on deactivation of sulfonyl chloride functionalized ionic materials as dual catalysts and media for Beckmann rearrangement of cyclohexanone oxime. 2005 , 237, 80-85	25
1455	Palladium-catalysed hydroalkoxycarbonylation of styrene in [BMIM][BF4] and [BMIM][PF6] ionic liquids. 2005 , 242, 156-160	26
1454	60Co Erradiation initiated polymerization in ionic liquids IThe effect of carbon-chain length of monomer. 2005 , 236, 443-448	8

1453	'Green' methodology for efficient and selective benzoylation of nucleosides using benzoyl cyanide in an ionic liquid. 2005 , 13, 4467-72	41
1452	Oxidative self-coupling of aromatic compounds in ionic liquids. 2005 , 7, 869-874	27
1451	An ionic liquid-type carbon paste electrode and its polyoxometalate-modified properties. 2005 , 7, 1357-1363	208
1450	Relaxation kinetics of poly(3,4-ethylenedioxythiophene) in 1-ethyl-3-methylimidazolium bis((trifluoromethyl)sulfonyl)amide ionic liquid during potential step experiments. 2005 , 50, 1515-1522	41
1449	Novel preparation method of PtRu/C catalyst using imidazolium ionic liquid as solvent. 2005 , 50, 3470-3478	53
1448	Effect of small cation addition on the conductivity of quaternary ammonium ionic liquids. 2005 , 50, 3708-3712	23
1447	Preparation and characterization of novel ionic liquid based on benzotriazolium cation. 2005 , 50, 4097-4103	18
1446	Ion transport properties of lithium ionic liquids and their ion gels. 2005 , 50, 3872-3877	105
1445	Charging/discharging kinetics of poly(3,4-ethylenedioxythiophene) in 1-ethyl-3-methylimidazolium bis-(trifluoromethylsulfonyl)imide ionic liquid under galvanostatic conditions. 2005 , 50, 4222-4229	33
1444	Electronic structure of ionic liquids at the surface studied by UV photoemission. 2005 , 144-147, 319-322	65
1443	Solubility of ethyl-(2-hydroxyethyl)-dimethylammonium bromide in alcohols (C2[12). 2005, 233, 220-227	41
1442	Easily recoverable BINOL ligand with ionic tag for asymmetric catalysis. 2005 , 16, 2001-2006	27
1441	Chemoenzymatic synthesis of calcilytic agent NPS-2143 employing a lipase-mediated resolution protocol. 2005 , 16, 2784-2789	9
1440	Catalytic olefin epoxidation with cyclopentadienylfholybdenum complexes in room temperature ionic liquids. 2005 , 46, 47-52	63
1439	Ionic liquid accelerated intramolecular hetero-DielsAlder reactions: a protocol for the synthesis of octahydroacridines. 2005 , 46, 1039-1044	26
1438	Imidazolium salts as phase transfer catalysts for the dialkylation and cycloalkylation of active methylene compounds. 2005 , 46, 635-638	35
1437	Mitsunobu alkylation of imidazole: a convenient route to chiral ionic liquids. 2005, 46, 631-633	33
1436	Catalytic asymmetric hydrogenation of aromatic ketones in room temperature ionic liquids. 2005 , 46, 595-597	48

1435	Design and synthesis of novel ionic liquid/liquid crystals (IL2Cs) with axial chirality. 2005, 46, 1137-1140	63
1434	Microwave-assisted preparation of imidazolium-based tetrachloroindate(III) and their application in the tetrahydropyranylation of alcohols. 2005 , 46, 1467-1469	52
1433	A task-specific ionic liquid [bmim]SCN for the conversion of alkyl halides to alkyl thiocyanates at room temperature. 2005 , 46, 1489-1491	95
1432	Ionic liquid [omim][PF6] as an efficient and recyclable reaction media for the cyanosilylation of aldehydes without Lewis acid or any special activation. 2005 , 46, 3137-3139	36
1431	Beneficial effect of water as second solvent in ionic liquid biphasic catalytic hydrogenations. 2005 , 46, 2513-2516	21
1430	Highly efficient Cℍ insertion reactions of hydrogen peroxide catalyzed by homogeneous and heterogeneous methyltrioxorhenium systems in ionic liquids. 2005 , 46, 2427-2432	56
1429	Towards benign syntheses of bipyridines: versatile approach to supramolecular building blocks. 2005 , 46, 2361-2363	11
1428	Synthesis and characterization of novel imidazolium-based ionic discotic liquid crystals with a triphenylene moiety. 2005 , 46, 2607-2610	58
1427	TEMPO-catalyzed oxidation of benzylic alcohols to aldehydes with the H2O2/HBr/ionic liquid [bmim]PF6 system. 2005 , 46, 3323-3326	73
1426	Green approach for the conversion of olefins into vic-halohydrins using N-halosuccinimides in ionic liquids. 2005 , 46, 3569-3572	39
1425	A mild esterification process in phosphonium salt ionic liquid. 2005 , 46, 3641-3644	62
1424	Ionic discotic liquid crystals: synthesis and characterization of pyridinium bromides containing a triphenylene core. 2005 , 46, 4127-4130	59
1423	Ionic liquid/water as a recyclable medium for TsujiTrost reaction assisted by microwave. 2005 , 46, 3469-3472	50
1422	Ionic liquid mediated efficient reduction of nitroarenes using stannous chloride under sonication. 2005 , 46, 3987-3990	18
1421	Anion nucleophilicity in ionic liquids: a comparison with traditional molecular solvents of different polarity. 2005 , 46, 3961-3963	37
1420	Synthesis of new chiral ionic liquids from natural acids and their applications in enantioselective Michael addition. 2005 , 46, 4657-4660	108
1419	Efficient and mild benzoin condensation reaction catalyzed by simple 1-N-alkyl-3-methylimidazolium salts. 2005 , 46, 5317-5320	61
1418	Efficient and eco-friendly process for the synthesis of N-substituted 4-methylene-2-oxazolidinones in ionic liquids. 2005 , 46, 5907-5911	52

14	417	bis(trifluoromethylsulfonyl)imide ([bdmim][Tf2N]) and 1-n-butyl-2,3-dimethylimidazolium perfluorobutylsulfonate ([bdmim][PFBuSO3]) ionic liquids. 2005 , 46, 6131-6136	59
12	416	Application of ionic liquids in palladium(II) catalyzed homogenous transfer hydrogenation. 2005 , 46, 6203-620	4 24
12	415	Ionic liquids/H2O systems for the reaction of epoxides with NaN3: a new protocol for the synthesis of 2-azidoalcohols. 2005 , 46, 6559-6562	38
12	4 ¹ 4	Nucleophilic substitution of chlorobis(4-methoxyphenyl)methane: reactivity of carbenium ions in ILs-trifluoroethanol mixtures. 2005 , 46, 6675-6678	12
14	413	Microwave-assisted preparation of 1-butyl-3-methylimidazolium tetrachlorogallate and its catalytic use in acetal formation under mild conditions. 2005 , 46, 7447-7449	59
14	412	Wacker oxidation of terminal olefins in a mixture of [bmim][BF4] and water. 2005, 46, 7507-7510	37
14	411	A simple and green procedure for the conjugate addition of thiols to conjugated alkenes employing polyethylene glycol (PEG) as an efficient recyclable medium. 2005 , 46, 7951-7953	46
12	410	Combined dealkoxycarbonylation and lactonisation of unsaturated malonates in ionic liquids. 2005 , 46, 8087-8089	7
14	409	Zn/[bmim]PF6-mediated Markovnikov allylation of unactivated terminal alkynes. 2005 , 46, 8411-8413	7
12	408	Effect of the functional groups in ionic liquid molecules on the friction and wear behavior of aluminum alloy in lubricated aluminum-on-steel contact. 2005 , 38, 725-731	195
12	407	Heat capacities of ionic liquids and their heats of solution in molecular liquids. 2005 , 433, 149-152	133
14	406	Chemical and biochemical transformations in ionic liquids. 2005 , 61, 1015-1060	646
14	405	Homogeneous catalytic aminocarbonylation of iodoalkenes and iodobenzene with amino acid esters under conventional conditions and in ionic liquids. 2005 , 61, 797-802	54
12	404	Effective reductive amination of carbonyl compounds with hydrogen catalyzed by iridium complex in organic solvent and in ionic liquid. 2005 , 61, 6988-6992	62
14	403	Ionic liquid soluble photosensitizers. 2005 , 61, 7425-7430	12
14	402	Ionic liquids for tetraarylporphyrin preparation. 2005 , 61, 7678-7685	34
14	401	Conjugate addition of indoles to ∃, funsaturated ketones using Cu(OTf)2 immobilized in ionic liquids. 2005 , 61, 9541-9544	69
14	400	Non-conventional methodologies for transition-metal catalysed carbon@arbon coupling: a critical overview. Part 1: The Heck reaction. 2005 , 61, 11771-11835	389

1399	Solubility of C60 in ionic liquids. 2005 , 43, 1782-1785	30
1398	Fractal effects on the measurement of the specific surface areas of single-walled carbon nanotubes. 2005 , 43, 1785-1787	3
1397	Stabilisation of lithiated graphite in an electrolyte based on ionic liquids: an electrochemical and scanning electron microscopy study. 2005 , 43, 1488-1498	148
1396	Mechanical properties of carbon nanotube paper in ionic liquid and aqueous electrolytes. 2005 , 43, 1891-189	6 99
1395	Self-diffusion coefficients of 1-butyl-3-methylimidazolium hexafluorophosphate with pulsed-field gradient spin-echo NMR technique. 2005 , 228-229, 329-333	79
1394	Volume, surface and UNIQUAC interaction parameters for imidazolium based ionic liquids via Polarizable Continuum Model. 2005 , 234, 64-76	176
1393	Eutectic mixture of choline chloride/urea as a green solvent in synthesis of a coordination polymer: [Zn(O3PCH2CO2)]•NH4. 2005 , 8, 390-392	125
1392	1D polymeric chain of copper(II) containing imidazolate and perchlorate bridging: Supramolecular synthon involving N⊞?O hydrogen bonding. 2005 , 8, 1041-1044	23
1391	Specific background electrolytes for nonaqueous capillary electrophoresis. 2005, 1068, 83-8	33
1390	Disposable ionic liquid coating for headspace solid-phase microextraction of benzene, toluene, ethylbenzene, and xylenes in paints followed by gas chromatography-flame ionization detection. 2005 , 1066, 27-32	262
1389	Separation and determination of lignans from seeds of Schisandra species by micellar electrokinetic capillary chromatography using ionic liquid as modifier. 2005 , 1078, 181-7	84
1388	Extraction of testosterone and epitestosterone in human urine using aqueous two-phase systems of ionic liquid and salt. 2005 , 1082, 143-9	242
1387	Intense near-infrared luminescence of anhydrous lanthanide(III) iodides in an imidazolium ionic liquid. 2005 , 402, 75-79	111
1386	How transparent are the imidazolium ionic liquids? A case study with 1-methyl-3-butylimidazolium hexafluorophosphate, [bmim][PF6]. 2005 , 402, 375-379	208
1385	Molecular dynamics study of the ionic conductivity of 1-n-butyl-3-methylimidazolium salts as ionic liquids. 2005 , 406, 332-340	79
1384	AirIquid interface of ionic liquid+H2O binary system studied by surface tension measurement and sum-frequency generation spectroscopy. 2005 , 406, 495-500	84
1383	A DFT study on the double bond migration of butene catalyzed by ionic pair of 1-ethyl-3-methyl-imidazolium fluoride. 2005 , 410, 441-445	7
1382	Solvation of ⊞-hydroxydiphenylmethyl radical in room temperature ionic liquids studied by transient FT-EPR spectroscopy. 2005 , 414, 378-383	31

1381	Ion conducting behaviour of polymer electrolytes containing ionic liquids. 2005 , 414, 34-39	56
1380	Purification of imidazolium ionic liquids for spectroscopic applications. 2005 , 415, 131-136	224
1379	Alkylation of benzene with 1-dodecene in ionic liquids [Rmim]+Al2Cl6X[R = butyl, octyl and dodecyl; $X = \text{chlorine}$, bromine and iodine). 2005 , 292, 354-361	75
1378	Application of Organic Solvent Nanofiltration to Separation of Ionic Liquids and Products from Ionic Liquid Mediated Reactions. 2005 , 83, 309-316	66
1377	Temperature effects on the electrochemical behavior of spinel LiMn(2)O(4) in quaternary ammonium-based ionic liquid electrolyte. 2005 , 109, 13676-84	64
1376	Simulations of the Dynamics of 18-Crown-6 and its Complexes: From the Gas Phase to Aqueous Interfaces with SC-CO2 and a Room-Temperature Ionic Liquid. 2005 , 327-348	4
1375	Lipophilicity and metabolic route prediction of imidazolium ionic liquids. 2005, 12, 199-204	60
1374	Facile oxidation of flavanones to flavones using [hydroxy(tosyloxy)iodo]benzene in an ionic liquid. 2005 , 15, 100-101	13
1373	Synthesis of 2-R-2,2-dinitroethanol orthoesters in ionic liquids. 2005 , 15, 204-205	15
1372	The Hildebrand solubility parameters, cohesive energy densities and internal energies of 1-alkyl-3-methylimidazolium-based room temperature ionic liquids. 2005 , 3469-71	156
1371	Room temperature ionic liquids from 20 natural amino acids. 2005 , 127, 2398-9	
	Room temperature forme tiquids from 20 flaturat animo acids. 2003, 121, 2370-7	1029
1370	Advances in homogeneous and beterogeneous catalytic asymmetric enevidation. Chemical Paviaus	1029
1370 1369	Advances in homogeneous and heterogeneous catalytic asymmetric epoxidation. <i>Chemical Reviews</i> ,	
	Advances in homogeneous and heterogeneous catalytic asymmetric epoxidation. <i>Chemical Reviews</i> , 2005 , 105, 1603-62 Solubilities of CO2in 1-Butyl-3-methylimidazolium Hexafluorophosphate and	827
1369	Advances in homogeneous and heterogeneous catalytic asymmetric epoxidation. <i>Chemical Reviews</i> , 2005 , 105, 1603-62 Solubilities of CO2in 1-Butyl-3-methylimidazolium Hexafluorophosphate and 1,1,3,3-Tetramethylguanidium Lactate at Elevated Pressures. 2005 , 50, 1582-1585 In Situ IR Spectroscopy in Ionic Liquids: Toward the Detection of Reactive Intermediates in	127
1369 1368	Advances in homogeneous and heterogeneous catalytic asymmetric epoxidation. <i>Chemical Reviews</i> , 2005, 105, 1603-62 Solubilities of CO2in 1-Butyl-3-methylimidazolium Hexafluorophosphate and 1,1,3,3-Tetramethylguanidium Lactate at Elevated Pressures. 2005, 50, 1582-1585 In Situ IR Spectroscopy in Ionic Liquids: Toward the Detection of Reactive Intermediates in Transition Metal Catalysis. 2005, 79-88 Hydrophobic Brînsted acid-base ionic liquids based on PAMAM dendrimers with high proton conductivity and blue photoluminescence. 2005, 127, 12784-5	1 827 127 2
1369 1368 1367	Advances in homogeneous and heterogeneous catalytic asymmetric epoxidation. <i>Chemical Reviews</i> , 2005, 105, 1603-62 Solubilities of CO2in 1-Butyl-3-methylimidazolium Hexafluorophosphate and 1,1,3,3-Tetramethylguanidium Lactate at Elevated Pressures. 2005, 50, 1582-1585 In Situ IR Spectroscopy in Ionic Liquids: Toward the Detection of Reactive Intermediates in Transition Metal Catalysis. 2005, 79-88 Hydrophobic Brînsted acid-base ionic liquids based on PAMAM dendrimers with high proton conductivity and blue photoluminescence. 2005, 127, 12784-5	1 827 127 2

1363	On the critical temperature, normal boiling point, and vapor pressure of ionic liquids. 2005 , 109, 6040-3	439
1362	New Energetic Salts Based on Nitrogen-Containing Heterocycles. 2005 , 17, 191-198	205
1361	Photostability of a highly luminescent europium beta-diketonate complex in imidazolium ionic liquids. 2005 , 4354-6	177
1360	Synthesis and characterization of periodic mesoporous organosilicas as anion exchange resins for perrhenate adsorption. 2005 , 21, 5372-6	79
1359	On the optical properties of the imidazolium ionic liquids. 2005 , 109, 9148-53	318
1358	Taking advantage of luminescent lanthanide ions. 2005 , 34, 1048-77	2994
1357	Electrical conductivity of aqueous solutions of aluminum salts. 2005 , 71, 031201	21
1356	Oxidation of alcohols with hydrogen peroxide catalyzed by a new imidazolium ion based phosphotungstate complex in ionic liquid. 2005 , 230, 436-439	67
1355	Microwave-assisted synthesis of cobalt oxalate nanorods and their thermal conversion to Co3O4 rods. 2005 , 40, 1929-1935	77
1354	Synthesis and characterization of multipod, flower-like, and shuttle-like ZnO frameworks in ionic liquids. 2005 , 59, 1405-1408	108
1353	Preparation of PbS-type PbO nanocrystals in a room-temperature ionic liquid. 2005, 59, 3119-3121	27
1352	Enhanced esterification conversion in a room temperature ionic liquid by integrated water removal with pervaporation. 2005 , 41, 141-145	64
1351	Sonochemical Reaction of [Fe(CO)5] with 1-Methylimidazole in An Ionic Liquid: Formation of [(1-Methylimidazole)6FeII](PF6)2. 2005 , 2005, 522-528	22
1350	Sonochemical Synthesis and Characterization of Ni(C4H6N2)6(PF6)2, Fe(C4H6N2)6(BF4)2, and Ni(C4H6N2)6(BF4)2 in 1-Butyl-3-methylimidazole with Hexafluorophosphate and Tetrafluoroborate. 2005 , 2005, 2669-2677	13
1349	Ionic Liquids with Fluorine-Containing Cations. 2005, 2005, 2573-2580	87
1348	Intense Near-Infrared Luminescence of a Mesomorphic Ionic Liquid Doped with Lanthanide Diketonate Ternary Complexes. 2005 , 2005, 4739-4744	90
1347	Phosphonium Acesulfamate Based Ionic Liquids. 2005 , 2005, 650-652	54
1346	Tetraalkylammonium and 1,3-Dialkylimidazolium Salts with Fluorinated Anions as Recoverable Phase-Transfer Catalysts in Solid Base-Promoted Cross-Aldol Condensations. 2005 , 2005, 2822-2827	26

1345	Application of Diffusion-Ordered Spectroscopy (DOSY) as a Solvent Signal Filter for NMR in Neat Ionic Liquids. 2005 , 2005, 4529-4532	28
1344	Allyl-Functionalised Ionic Liquids: Synthesis, Characterisation, and Reactivity. 2005 , 88, 665-675	66
1343	Electrochemical Characterization of Benzoyl Formic Acid at Glassy Carbon Electrode in Ionic Liquid: [emim]Br. 2005 , 23, 367-369	1
1342	A Novel and Efficient Process for Preparation of 2,4-Diphenyl-4-methyl-1-pentene in Brfisted Acidic Ionic Liquid [Hmim]+B ${\rm F}^{-}_{4}$ \$. 2005 , 23, 581-583	6
1341	Preparation and Characterization of Novel Ionic Liquids Based on Schiff Base Cation. 2005 , 23, 990-992	1
1340	A Mild and Efficient Synthesis of 5-Oxo-5,6,7,8-tetrahydro-4H-benzo-[b]-pyran Derivatives in Room Temperature Ionic Liquids. 2005 , 23, 1085-1089	21
1339	A comparative electrochemical study of diffusion in room temperature ionic liquid solvents versus acetonitrile. 2005 , 6, 526-33	135
1338	Structure and properties of new ionic liquids based on alkyl- and alkenyltrifluoroborates. 2005 , 6, 1324-32	100
1337	Very stable and highly regioselective supported ionic-liquid-phase (SILP) catalysis: continuous-flow fixed-bed hydroformylation of propene. 2005 , 44, 815-9	252
1336	Clean and highly selective oxidation of alcohols in an ionic liquid by using an ion-supported hypervalent iodine(III) reagent. 2005 , 44, 952-5	126
1335	Langzeitstabile und hoch regioselektive Bupported-Ionic-Liquid-Phase(SILP)EKatalysatoren: Kontinuierliche Hydroformylierung von Propen im Festbettreaktor. 2005 , 117, 826-830	49
1334	Clean and Highly Selective Oxidation of Alcohols in an Ionic Liquid by Using an Ion-Supported Hypervalent Iodine(III) Reagent. 2005 , 117, 974-977	21
1333	Silica Gel Confined Ionic Liquid+Metal Complexes for Oxygen-Free Carbonylation of Amines and Nitrobenzene to Ureas. 2005 , 347, 225-230	37
1332	Heterogeneous Catalytic Sulfimidation using Immobilized Cu(acac)2. 2005 , 347, 641-645	20
1331	Pechmann Reaction in Non-Chloroaluminate Acidic Ionic Liquids under Solvent-Free Conditions. 2005 , 347, 512-516	132
1330	Cu(acac)2 Immobilized in Ionic Liquids: A Recoverable and Reusable Catalytic System for Aza-Michael Reactions. 2005 , 347, 763-766	69
1329	Ionic Liquid as Catalyst and Reaction Medium: A Simple, Convenient and Green Procedure for the Synthesis of Thioethers, Thioesters and Dithianes using an Inexpensive Ionic Liquid, [pmIm]Br. 2005 , 347, 1811-1818	82
1328	Comparison of the phase behavior of some selected binary systems with ionic liquids. 2005 , 51, 1532-1540	137

1327	Analysis of solvation in ionic liquids using a new linear solvation energy relationship. 2005 , 80, 133-137	15
1326	Use of ionic liquids as greenBolvents for extractions. 2005 , 80, 1089-1096	684
1325	Organic reactions in ionic liquids: Ionic liquid-promoted efficient synthesis of N-alkyl and N-arylphthalimides. 2005 , 42, 735-737	11
1324	Screening the extractability of some typical environmental pollutants by ionic liquids in liquid-phase microextraction. 2005 , 28, 87-91	74
1323	Effects of Ionic Liquid [Me3NC2H4OH]+[ZnCl3]Ibn ERadiation Polymerization of Methyl Methacrylate in Ethanol and N,N-Dimethylformamide. 2005 , 26, 57-61	32
1322	Chiral ionic liquids: synthesis and applications. 2005 , 17, 281-92	257
1321	Supported ionic liquid catalysis. 2004 , 11, 50-6	485
1320	Low-melting, low-viscous, hydrophobic ionic liquids: aliphatic quaternary ammonium salts with perfluoroalkyltrifluoroborates. 2005 , 11, 752-66	323
1319	Silica-gel-confined ionic liquids: a new attempt for the development of supported nanoliquid catalysis. 2005 , 11, 5279-88	196
1318	Preparation and characterization of inclusion complexes of beta-cyclodextrin with ionic liquid. 2005 , 11, 5875-80	116
1317	Solvent extraction and extraction-voltammetric determination of phenols using room temperature ionic liquid. 2005 , 381, 464-70	108
1316	Solid-phase extraction of room-temperature imidazolium ionic liquids from aqueous environmental samples. 2005 , 381, 189-93	42
1315	Retention characteristics of a new butylimidazolium-based stationary phase. 2005 , 382, 728-34	111
1314	Highly selective electrochemical fluorination of organic compounds in ionic liquids. 2005 , 126, 181-187	45
1313	Novel ionic liquidsImidazolium salts with a difluoromethylene fragment directly bonded to the nitrogen atom. 2005 , 126, 667-670	13
1312	Selective alkylation of phenol with tert-butyl alcohol catalyzed by Brfisted acidic imidazolium salts. 2005 , 225, 27-31	88
1311	Metal nitrates catalysed O-glucosylation using acetyl glucal in organic solvents and ionic liquids: A comparative investigation. 2005 , 234, 35-43	37
1310	Brfisted acidic ionic liquids: A green, efficient and reusable catalyst system and reaction medium for Fischer esterification. 2005 , 234, 107-110	110

1309	The metal ion modified ionic liquids promoted free-solvent alkylations of ⊞-methylnaphthalene with long-chain olefins. 2005 , 235, 74-80	18
1308	Ruthenium-catalyzed allylation reaction in ionic liquid. 2005 , 237, 161-164	18
1307	A new way to conduct enzymatic synthesis in an active membrane using ionic liquids as catalyst support. 2005 , 104, 313-317	35
1306	Solubility measurement and prediction of carbon dioxide in ionic liquids. 2005 , 228-229, 439-445	238
1305	Volumetric properties of room temperature ionic liquid 1. The system of {1-methyl-3-ethylimidazolium ethyl sulfate+water} at temperature in the range (278.15 to 333.15) K. 2005 , 37, 13-19	43
1304	Apparent molar volume and isentropic compressibility of ionic liquid 1-butyl-3-methylimidazolium bromide in water, methanol, and ethanol at $T = (298.15 \text{ to } 318.15) \text{ K. } 2005, 37, 1029-1035$	181
1303	Solute partitioning between an ionic liquid and high-pressure CO2 studied with in situ FTIR spectroscopy. 2005 , 37, 621-626	26
1302	Electrolytic conductivity of four imidazolium-based room-temperature ionic liquids and the effect of a water impurity. 2005 , 37, 569-575	272
1301	The influence of the monomer and the ionic liquid on the electrochemical preparation of polythiophene. 2005 , 46, 2047-2058	120
1300	Preparation of thermally stable polymer electrolytes from imidazolium-type ionic liquid derivatives. 2005 , 46, 11499-11504	194
1299	Effects of functional group substitution on electron spectra and solvation dynamics in a family of ionic liquids. 2005 , 72, 99-104	80
1298	Ionic liquids as a convenient recyclable medium for the generation of transient carbonyl ylides: syntheses of oxa and dioxa-bridged polycyclic systems. 2005 , 61, 1309-1315	13
1297	A new protocol to synthesize 1,4-dihydropyridines by using 3,4,5-trifluorobenzeneboronic acid as a catalyst in ionic liquid: synthesis of novel 4-(3-carboxyl-1H-pyrazol-4-yl)-1,4-dihydropyridines. 2005 , 61, 2465-2470	153
1296	Room temperature ionic liquid promoted improved and rapid synthesis of 2,4,5-triaryl imidazoles from aryl aldehydes and 1,2-diketones or ⊞-hydroxyketone. 2005 , 61, 3539-3546	225
1295	Hydroxynitrile lyase catalysis in ionic liquid-containing systems. 2005 , 27, 1387-90	17
1294	Synthesis and ionic conductivities of lithium-doped morpholinium salts. 2005 , 22, 281-284	11
1293	Thermal and electrochemical properties of morpholinium salts with bromide anion. 2005 , 22, 945-948	11
1292	Copolymerization of phenyl glycidyl ether with carbon dioxide catalyzed by ionic liquids. 2005 , 22, 556-559	23

1291	Thermodynamic properties of 1-nutyl-3-methylimidazolium chloride (C4mim[Cl]) ionic liquid. 2005 , 26, 124-130	6
1290	Excess Molar Volumes and Excess Logarithm Viscosities for Binary Mixtures of the Ionic Liquid 1-Butyl-3-methylimidazolium Hexaflurophosphate with Some Organic Compounds. 2005 , 34, 585-596	125
1289	Excess Molar Volumes and LiquidLiquid Equilibria of the Ionic Liquid 1-Methyl-3Octyl-Imidazolium Tetrafluoroborate Mixed with Butan-1-ol and Pentan-1-ol. 2005 , 34, 1135-1144	82
1288	Stability of Ag+ Complexes with Cryptand 222 in Ionic Liquids. 2005 , 52, 237-240	13
1287	2-Pyridinealdoxime, a new ligand for a Pd-precatalyst: application in solid-phase-assisted Suzuki-Miyaura reaction. 2005 , 9, 333-9	15
1286	Ionic liquid promoted efficient synthesis of 3,4-dihydropyrimidin-2-(1H)-ones. 2005 , 100, 177-179	62
1285	A Novel Method to Immobilize Ru Nanoparticles on SBA-15 Firmly by Ionic Liquid and Hydrogenation of Arene. 2005 , 103, 59-62	58
1284	Ionic Liquid Promoted Efficient and Rapid One-pot Synthesis of Pyran Annulated Heterocyclic Systems. 2005 , 104, 39-43	94
1283	Reaction of aromatic aldehydes with <code>tdicarbonyl</code> compounds in a catalytic system: Piperidinium acetate-1-butyl-3-methylimidazolium tetrafluoroborate ionic liquid. 2005 , 54, 1233-1238	9
1282	Prediction of Melting Points for Ionic Liquids. 2005 , 24, 485-490	65
	Prediction of Melting Points for Ionic Liquids. 2005, 24, 485-490 Experimental and Theoretical Study of 1,5-Diamino-4-H-1,2,3,4-Tetrazolium Perchlorate. 2005, 30, 156-163	6553
1281	Experimental and Theoretical Study of 1,5-Diamino-4-H-1,2,3,4-Tetrazolium Perchlorate. 2005 , 30, 156-163 Solubilization of fullerene into ionic liquids by the use of fluoroalkyl end-capped oligomers. 2005 ,	53
1281 1280	Experimental and Theoretical Study of 1,5-Diamino-4-H-1,2,3,4-Tetrazolium Perchlorate. 2005 , 30, 156-163 Solubilization of fullerene into ionic liquids by the use of fluoroalkyl end-capped oligomers. 2005 , 16, 655-658	53
1281 1280 1279	Experimental and Theoretical Study of 1,5-Diamino-4-H-1,2,3,4-Tetrazolium Perchlorate. 2005 , 30, 156-163 Solubilization of fullerene into ionic liquids by the use of fluoroalkyl end-capped oligomers. 2005 , 16, 655-658 Ionic liquids: solvent properties and organic reactivity. 2005 , 18, 275-297	53 5 960
1281 1280 1279 1278	Experimental and Theoretical Study of 1,5-Diamino-4-H-1,2,3,4-Tetrazolium Perchlorate. 2005, 30, 156-163 Solubilization of fullerene into ionic liquids by the use of fluoroalkyl end-capped oligomers. 2005, 16, 655-658 Ionic liquids: solvent properties and organic reactivity. 2005, 18, 275-297 Effect of hydrophobic side-chains on the solvation of imidazolium salts. 2005, 18, 1018-1022 Atom transfer radical polymerization of styrenic ionic liquid monomers and carbon dioxide	53596024
1281 1280 1279 1278	Experimental and Theoretical Study of 1,5-Diamino-4-H-1,2,3,4-Tetrazolium Perchlorate. 2005, 30, 156-163 Solubilization of fullerene into ionic liquids by the use of fluoroalkyl end-capped oligomers. 2005, 16, 655-658 Ionic liquids: solvent properties and organic reactivity. 2005, 18, 275-297 Effect of hydrophobic side-chains on the solvation of imidazolium salts. 2005, 18, 1018-1022 Atom transfer radical polymerization of styrenic ionic liquid monomers and carbon dioxide absorption of the polymerized ionic liquids. 2005, 43, 1432-1443	53 5 960 24 129

1273	Extractive distillation. 2005, 59-144	7
1272	Room-Temperature Ionic Liquid-Organic Solvent Mixtures: Conductivity and Ionic Association. 2005 , 73, 620-622	49
1271	Room-temperature molten salts as new electrolytes. 2005 , 349-368	
1270	. 2005,	649
1269	Self-organization of Protonated 2-heptadecylimidazole as an Effective Ion Conductive Matrix. 2005 , 73, 623-626	19
1268	The Inherent Capacitive Behavior of Imidazolium-based Room-Temperature Ionic Liquids at Carbon Paste Electrode. 2005 , 8, J17	23
1267	Theoretical and Computational Studies of Energetic Salts. 2005 , 431-471	2
1266	A Fluorohydrogenate Ionic Liquid Fuel Cell Operating Without Humidification. 2005, 8, A231	93
1265	Controlling Polymerization. 2005 , 413-449	1
1264	Stabilized and size-tunable gold nanoparticles formed in a quaternary ammonium-based room-temperature ionic liquid under gamma-irradiation. 2005 , 16, 2360-4	57
1263	Reverse Atom Transfer Radical Polymerization of Methyl Methacrylate in Ionic Liquids. 2005, 51-69	3
1262	A green procedure for the synthesis of cinnamate esters using Aliquat 336. 2005, 2005, 629-631	3
1261	Organic Reactions in Ionic Liquids: Ionic Liquid-accelerated Facile Synthesis of 3-alkyl-2,4-thiazolidinediones. 2005 , 2005, 492-494	2
1260	Task-specific Ionic Liquids as Efficient, Green and Recyclable Reagents and Solvents for Oxidation of Olefins. 2005 , 2005, 388-390	16
1259	Microfiano behaviour of DMBI-PF6ionic liquid nanocrystals: large and small-scale interfaces. 2005 , 16, 2474-2481	41
1258	One Pot Three Component Synthesis of 9-arylpolyhydroacridine Derivatives in an Ionic Liquid Medium. 2005 , 2005, 600-602	28
1257	Ytterbium (III) trifluoromethanesulfonate catalysed Friedel@rafts acylation of 1-methylpyrrole in ionic liquid. 2005 , 2005, 67-68	8
1256	Palladium nanowires stabilized by thiol-functionalized ionic liquid: seed-mediated synthesis and heterogeneous catalyst for Sonogashira coupling reaction. 2005 , 16, 1234-1237	60

1255	Transprotection of silyl ethers of nucleosides in FeCl3 based ionic liquids. 2005, 24, 819-22	8
1254	Synthesis of acetylenic ketones by a Pd-catalyzed carbonylative three-component coupling reaction in [bmim]PF6. 2005 , 83, 711-715	53
1253	Molecular dynamics studies of melting and some liquid-state properties of 1-ethyl-3-methylimidazolium hexafluorophosphate [emim][PF6]. 2005 , 122, 154704	80
1252	Do organic solutes experience specific interactions with ionic liquids?. 2005 , 123, 174504	55
1251	1-Butyl-3-methyl-imidazolium Tetrafluoroborate as a Recyclable Reaction Medium for Henry Reaction. 2005 , 35, 201-207	8
1250	Preliminary Assessment of the Sorption of some Alkyl Imidazolium Cations as used in Ionic Liquids to Soils and Sediments. 2005 , 58, 170	69
1249	Production of Recombinant Proteins for Therapy, Diagnostics, and Industrial Research by in Vitro Folding. 1245-1280	5
1248	Molecular dynamics simulations of the surface tension of ionic liquids. 2005 , 122, 104710	84
1247	Novel Binary Room-Temperature Complex Electrolytes Based on LiTFSI and Organic Compounds with Acylamino Group. 2005 , 152, A1979	26
1246	BiCl3 Catalyzed Thiolyzation Reaction of 1,2-Epoxides with Diaryl Disulfides in the Presence of Zinc Powder and Ionic Liquid. 2005 , 180, 2525-2531	3
1245	Discovery of a new magnetic fluid: bmim[FeCl/sub 4/] ionic liquid. 2005,	
1244	Introduction. 2005 , 1-13	
1243	Sustainable vanadium(V)-catalyzed oxybromination of styrene: Two-phase system versus ionic liquids. 2005 , 77, 1575-1581	36
1242	Investigation of the Structure of l-Butyi-3-methylimidazolium Tetrafluoroborate and Its Interaction with Water by Homo- and Heteronuclear Overhauser Enhancement. 2005 , 2-17	4
1241	Improving Stability of FCC Gasoline Using Ionic Liquids Catalyst After Treating. 2005, 23, 1001-1008	2
1240	Influence of ion size asymmetry on the properties of ionic liquid∏apour interfaces. 2005 , 17, S3301-S3307	21
1239	Clean Synthesis of Adipic Acid by Direct Oxidation of Cyclohexene with H2O2 catalysed by Na2WO4.2H2O and Acidic Ionic Liquids. 2005 , 2005, 520-522	16
1238	Williamson reaction in [bmim][BF4]: Clean and facile synthesis of aryl benzyl ethers. 2005 , 2005, 663-664	2

1237	Organic Reactions in Ionic Liquids: Ionic Liquids Ethylammonium Nitrate Promoted Knoevenagel Condensation of Aromatic Aldehydes with Active Methylene Compounds. 2005 , 35, 739-744	60
1236	Single particle dynamics in ionic liquids of 1-alkyl-3-methylimidazolium cations. 2005 , 122, 024511	181
1235	A Novel One-Pot Synthesis of 2-Aryl-4(3H)-Quinazolinones Using Room Temperature Ionic Liquid as Reaction Medium as well as Promoter. 2005 , 35, 231-241	70
1234	Ultrafast dynamics of pyrrolidinium cation ionic liquids. 2005 , 122, 184512	151
1233	TX-100/water/1-butyl-3-methylimidazolium hexafluorophosphate microemulsions. 2005 , 21, 5681-4	288
1232	Ionic liquid-in-oil microemulsions. 2005 , 127, 7302-3	357
1231	Toxicity and antimicrobial activity of imidazolium and pyridinium ionic liquids. 2005, 7, 185	760
1230	Use of chiral ionic liquids as solvents for the enantioselective photoisomerization of dibenzobicyclo[2.2.2]octatrienes. 2005 , 7, 335-7	133
1229	Direct aldol reactions catalyzed by 1,1,3,3-tetramethylguanidine lactate without solvent. 2005 , 7, 514	99
1228	Hypervalent Iodine(III) Sulfonate Mediated Synthesis of 5-Benzoyldihydro-2(3H)-furanone in Ionic Solvent. 2005 , 65, 649	18
1227	Metalloporphyrin and heteropoly acid catalyzed oxidation of CNOH bonds in an ionic liquid: biomimetic models of nitric oxide synthase. 2005 , 46, 2599-2602	56
1226	Ionic Liquids in Chemical Analysis. 2005 , 35, 177-192	251
1225	Physicochemical properties and structures of room temperature ionic liquids. 2. Variation of alkyl chain length in imidazolium cation. 2005 , 109, 6103-10	1414
1224	The effect of dissolved water on the viscosities of hydrophobic room-temperature ionic liquids. 2005 , 1610-2	253
1223	Quantitative Structure P roperty Relationships for Melting Points and Densities of Ionic Liquids. 2005 , 19, 279-284	151
1222	Microwave accelerated preparation of [bmim][HSO4] ionic liquid: an acid catalyst for improved synthesis of coumarins. 2005 , 6, 57-60	121
1221	Why are viscosities lower for ionic liquids with -CH2Si(CH3)3 vs -CH2C(CH3)3 substitutions on the imidazolium cations?. 2005 , 109, 21576-85	160
1220	Catalytic O-methylation of phenols with dimethyl carbonate to aryl methyl ethers using [BMIm]Cl. 2005 , 7, 97	44

1219	Deviations from ideality in mixtures of two ionic liquids containing a common ion. 2005 , 109, 3519-25	236
1218	Ionic Liquids and Paper. 2005 , 44, 4599-4604	33
1217	1-Alkyl-3-methylimidazolium Bis(perfluoroalkylsulfonyl)imide Water-Immiscible Ionic Liquids. 2005 , 152, E251	23
1216	Preparation of porous aminopropylsilsesquioxane by a nonhydrolytic sol-gel method in ionic liquid solvent. 2005 , 21, 1618-22	79
1215	Catalysis by ionic liquid. A green protocol for the stereoselective debromination of vicinal-dibromides by [pmIm]BF4 under microwave irradiation. 2005 , 70, 8621-4	101
1214	Ionic liquids promote selective responses towards the highly hydrophilic anion sulfate in PVC membrane ion-selective electrodes. 2005 , 3033-5	58
1213	Extremely short CH?F contacts in the 1-methyl-3-propyl-imidazolium SiF6the reason for ionic EquidEunexpected high melting point. 2005 , 7, 53-56	48
1212	Can the absence of solvation of neutral reagents by ionic liquids be responsible for the high reactivity in base-assisted intramolecular nucleophilic substitutions in these solvents?. 2005 , 70, 2828-31	52
1211	Thermal properties and ionic conductivity of a polymer prepared by the in situ photopolymerization of a vinylimidazole monomer containing a mesogenic group. 2005 , 32, 143-149	22
1210	Anisotropic ion conduction in a unique smectic phase of self-assembled amphiphilic ionic liquids. 2005 , 1333-5	64
1209	Silylstannations of alpha,beta-unsaturated carbonyl compounds via the generation of Bu3Sn- in ionic liquids. 2005 , 4474-6	3
1208	Comb-shaped poly(ethylene glycol)-modified subtilisin Carlsberg is soluble and highly active in ionic liquids. 2005 , 4297-9	65
1207	Mild and Solvent-Free Alkynylation of Ketones on the KF/Alumina. 2005, 35, 1039-1044	7
1206	Synthesis and characterization of ionic liquids based upon 1-butyl-2,3-dimethylimidazolium chloride/ZnCl2. 2005 , 29, 700	53
1205	The cyclooligomerization of arylethynes in ionic liquids catalysed by ruthenium porphyrins: a case of real catalyst recycling. 2005 , 1587-8	21
1204	Physical properties and intermolecular dynamics of an ionic liquid compared with its isoelectronic neutral binary solution. 2005 , 109, 9388-92	126
1203	Effect of an "ionic liquid" cation, 1-butyl-3-methylimidazolium, on the molecular organization of H2O. 2005 , 109, 9014-9	129
1202	Synthesis and Characterization of Sulfonyl-Functionalized Ionic Liquids. 2005 , 35, 1343-1349	25

1201	Hexagonal liquid crystalline phases formed in ternary systems of Brij 97-water-ionic liquids. 2005 , 21, 4931-7	101
1200	Application of Molecular Connectivity Indices to the Design of Supercritical Carbon Dioxide-Soluble Metal Ion Extractants: SC-CO2 Solubilities of Symmetrically Substituted Alkylenediphosphonic Acids. 2005 , 39, 761-780	3
1199	Structural characterization of a lanthanum bistriflimide complex, La(N(SO2CF3)2)3(H2O)3, and an investigation of La, Sm, and Eu electrochemistry in a room-temperature ionic liquid, [Me3N(n)Bu][N(SO2CF3)2]. 2005 , 44, 4934-40	108
1198	Aqueous interfaces with hydrophobic room-temperature ionic liquids: a molecular dynamics study. 2005 , 109, 18964-73	123
1197	The effect of the anion fraction on the physicochemical properties of EMIm(HF)nF (n = $1.0-2.6$). 2005 , 109, 5445-9	51
1196	Camphor ionic liquid: correlation between stereoselectivity and cation-anion interaction. 2005 , 70, 10106-8	42
1195	Synthesis of Novel Polyfluorene-Derived Task-Specific Ionic Liquid. 2005 , 35, 2609-2613	3
1194	Polymer electrolytes based on room temperature ionic liquid: 2,3-dimethyl-1-octylimidazolium triflate. 2005 , 109, 16539-43	110
1193	Layered Eubstituted Alkylpyridinium Salts with Inorganic Anions: Effects of H-Bonding Patterns on the Layer Thickness. 2005 , 5, 163-166	10
1192	Synthesis and Characterization of Organometallic Ionic Liquids and a Heterometallic Carbene Complex Containing the Chromium Tricarbonyl Fragment. 2005 , 24, 4039-4048	26
1191	Morphogenesis and Crystallization of Bi2S3 Nanostructures by an Ionic Liquid-Assisted Templating Route: Synthesis, Formation Mechanism, and Properties. 2005 , 17, 6094-6100	160
1190	Transient Phase-Induced Nucleation in Ionic Liquid Crystals and Size-Frustrated Thickening. 2005 , 17, 250-257	32
1189	Synthesis of PbCrO4 and Pb2CrO5 Rods via a Microwave-Assisted Ionic Liquid Method. 2005 , 5, 505-507	68
1188	Design and synthesis of C-2 substituted chiral imidazolium ionic liquids from amino acid derivatives. 2005 , 70, 10600-2	34
1187	Simulations of the solid, liquid, and melting of 1-n-butyl-4-amino-1,2,4-triazolium bromide. 2005 , 109, 18127-34	28
1186	Electrogenerated radical anions in room-temperature ionic liquids. 2005 , 109, 6276-9	40
1185	Acetyl nitrate nitrations in [bmpy][N(Tf)2] and [bmpy][OTf], and the recycling of ionic liquids. 2005 , 3, 682-6	19
1184	Behavior of Pyrene End-Labeled Poly(dimethylsiloxane) Polymer Tails in Mixtures of 1-Butyl-3-methylimidazolium Bis(trifluoromethyl)sulfonylimide and Toluene. 2005 , 38, 8574-8582	22

1183	A theoretical comparison of Lewis acid vs bronsted acid catalysis for n-hexane> propane + propene. 2005 , 109, 6223-31	15
1182	Solute partitioning between the ionic liquid 1-n-butyl-3-methylimidazolium tetrafluoroborate and supercritical CO2 from capillary-column chromatography. 2005 , 109, 15165-71	25
1181	Carbocation-forming reactions in ionic liquids. 2005 , 127, 18114-20	54
1180	(1R)-4-Amino-1,2,4-triazolium Salts: New Families of Ionic Liquids. 2005 , 259-302	13
1179	Effect of Oxygen-Containing Functional Groups on Protein Stability in Ionic Liquid Solutions. 2005 , 233-243	8
1178	Ionic Liquids at Degussa: Catalyst Heterogenization in an Industrial Process. 2005 , 133-143	9
1177	Triflic acid-catalyzed adamantylation of aromatics in [BMIM][OTf] ionic liquid; synthetic scope and mechanistic insight. 2005 , 3, 1034-42	39
1176	A molecular dynamics computer simulation study of room-temperature ionic liquids. I. Equilibrium solvation structure and free energetics. 2005 , 122, 44510	79
1175	Immobilized ionic liquids as high-selectivity/high-temperature/high-stability gas chromatography stationary phases. 2005 , 77, 6453-62	366
1174	Specialist gelator for ionic liquids. 2005 , 21, 10383-90	171
1174	Specialist gelator for ionic liquids. 2005, 21, 10383-90 Molecular films of water-miscible ionic liquids formed on glassy carbon electrodes: characterization and electrochemical applications. 2005, 21, 9000-6	171
, ·	Molecular films of water-miscible ionic liquids formed on glassy carbon electrodes: characterization and electrochemical applications. 2005 , 21, 9000-6 Ionic liquid as catalyst and reaction medium. The dramatic influence of a task-specific ionic liquid,	
1173	Molecular films of water-miscible ionic liquids formed on glassy carbon electrodes: characterization and electrochemical applications. 2005 , 21, 9000-6 Ionic liquid as catalyst and reaction medium. The dramatic influence of a task-specific ionic liquid, [bmlm]OH, in Michael addition of active methylene compounds to conjugated ketones, carboxylic	126
1173 1172 1171	Molecular films of water-miscible ionic liquids formed on glassy carbon electrodes: characterization and electrochemical applications. 2005 , 21, 9000-6 Ionic liquid as catalyst and reaction medium. The dramatic influence of a task-specific ionic liquid, [bmIm]OH, in Michael addition of active methylene compounds to conjugated ketones, carboxylic esters, and nitriles. 2005 , 7, 3049-52	126
1173 1172 1171	Molecular films of water-miscible ionic liquids formed on glassy carbon electrodes: characterization and electrochemical applications. 2005, 21, 9000-6 Ionic liquid as catalyst and reaction medium. The dramatic influence of a task-specific ionic liquid, [bmIm]OH, in Michael addition of active methylene compounds to conjugated ketones, carboxylic esters, and nitriles. 2005, 7, 3049-52 Highly conducting ionic liquids based on l-ethyl-3-methylimidazolium cation. 2005, 153, 421-424	126 421 43
1173 1172 1171 1170	Molecular films of water-miscible ionic liquids formed on glassy carbon electrodes: characterization and electrochemical applications. 2005, 21, 9000-6 Ionic liquid as catalyst and reaction medium. The dramatic influence of a task-specific ionic liquid, [bmlm]OH, in Michael addition of active methylene compounds to conjugated ketones, carboxylic esters, and nitriles. 2005, 7, 3049-52 Highly conducting ionic liquids based on l-ethyl-3-methylimidazolium cation. 2005, 153, 421-424 Structure and properties of high stability geminal dicationic ionic liquids. 2005, 127, 593-604 Marine toxicity assessment of imidazolium ionic liquids: acute effects on the Baltic algae Oocystis	126 421 43 632
1173 1172 1171 1170 1169	Molecular films of water-miscible ionic liquids formed on glassy carbon electrodes: characterization and electrochemical applications. 2005, 21, 9000-6 Ionic liquid as catalyst and reaction medium. The dramatic influence of a task-specific ionic liquid, [bmlm]OH, in Michael addition of active methylene compounds to conjugated ketones, carboxylic esters, and nitriles. 2005, 7, 3049-52 Highly conducting ionic liquids based on l-ethyl-3-methylimidazolium cation. 2005, 153, 421-424 Structure and properties of high stability geminal dicationic ionic liquids. 2005, 127, 593-604 Marine toxicity assessment of imidazolium ionic liquids: acute effects on the Baltic algae Oocystis submarina and Cyclotella meneghiniana. 2005, 73, 91-8 Prediction of the formation and stabilities of energetic salts and ionic liquids based on ab initio	126 421 43 632 201

1165	Fluorescence studies in a pyrrolidinium ionic liquid: polarity of the medium and solvation dynamics. 2005 , 109, 15172-7	109
1164	Luminescence Quenching of Dyes by Oxygen in CoreBhell Soft-Sphere Ionic Liquids. 2005 , 17, 4001-4009	24
1163	Ionic liquid crystals. <i>Chemical Reviews</i> , 2005 , 105, 4148-204 68.1	996
1162	Volumetric and Speed of Sound of Ionic Liquid, 1-Butyl-3-methylimidazolium Hexafluorophosphate with Acetonitrile and Methanol at $T = (298.15 \text{ to } 318.15) \text{ K. } \textbf{2005}, 50, 1694-1699$	157
1161	New directions in supramolecular transition metal catalysis. 2005 , 3, 2371-83	169
1160	Ionic Liquids: The Neglected Issues. 2005 , 58, 155	243
1159	Thermodynamic Properties of 1-Butyl-3-methylimidazolium Chloride (C4mim[Cl]) Ionic Liquid. 2005 , 26, 124-130	2
1158	Nonmolecular solvents in separation methods: dual nature of room temperature ionic liquids. 2005 , 77, 4071-80	120
1157	Organic vapor sensing with ionic liquids entrapped in alumina nanopores on quartz crystal resonators. 2005 , 77, 615-9	45
1156	Anomaly of charge transport of an iodide/tri-iodide redox couple in an ionic liquid and its importance in dye-sensitized solar cells. 2005 , 2107-9	140
1155	Recovery of amino acids by imidazolium based ionic liquids from aqueous media. 2005 , 7, 196	184
1154	Kinetics of single- and two-phase synthesis of the ionic liquid 1-butyl-3-methylimidazolium chloride. 2005 , 7, 230-235	44
1153	Ionic-liquid-supported peptide synthesis demonstrated by the synthesis of Leu(5)-enkephalin. 2005 , 70, 3251-5	84
1152	Dynamics in a room-temperature ionic liquid: a computer simulation study of 1,3-dimethylimidazolium chloride. 2005 , 123, 144505	154
1151	Comparison of Polarities of Room-Temperature Ionic Liquids Using FT-IR Spectroscopic Probes. 2005 , 58, 327	39
1150	A green and effective method to synthesize ionic liquids: supercritical CO2 route. 2005 , 7, 701	57
1149	Liquid II quid behaviour of ionic liquid II-butanol Water and high pressure CO2-induced phase changes. 2005 , 7, 443	76
1148	Octanollwater partition coefficients of imidazolium-based ionic liquids. 2005 , 7, 83-90	212

1147	Novel Brŷnsted-Acidic Ionic Liquids for Esterifications. 2005 , 44, 4147-4150	163
1146	Anion effects on gas solubility in ionic liquids. 2005 , 109, 6366-74	835
1145	Proton affinities of N-heterocyclic carbene super bases. 2005 , 7, 3949-52	75
1144	Ion transfer processes at ionic liquid based redox active drop deposited on an electrode surface. 2005 , 2954-6	34
1143	Copper(II)-catalyzed aerobic oxidation of primary alcohols to aldehydes in ionic liquid [bmpy]PF6. 2005 , 7, 3689-92	142
1142	How polar are ionic liquids? Determination of the static dielectric constant of an imidazolium-based ionic liquid by microwave dielectric spectroscopy. 2005 , 109, 17028-30	485
1141	High-resolution 13C NMR studies of cellulose and cellulose oligomers in ionic liquid solutions. 2005 , 1557-9	274
1140	Protein solubilising and stabilising ionic liquids. 2005 , 4804-6	387
1139	New generation ionic liquids: cations derived from amino acids. 2005 , 3562-4	285
1138	Derivatives of 1,5-diamino-1H-tetrazole: a new family of energetic heterocyclic-based salts. 2005 , 44, 4237-53	228
1137	Modified BINAP: the how and the why. <i>Chemical Reviews</i> , 2005 , 105, 1801-36 68.1	381
1136	Feasibility of Ionic Liquids as Alternative Separation Media for Industrial Solvent Extraction Processes. 2005 , 44, 4368-4372	237
1135	Investigation of physicochemical properties of lactam-based Brῆsted acidic ionic liquids. 2005 , 109, 19542-6	89
1134	Determination of the polarities of some ionic liquids using 2-nitrocyclohexanone as the probe. 2005 , 70, 8193-6	67
1133	Ionic liquid as reagent. A green procedure for the regioselective conversion of epoxides to vicinal-halohydrins using [AcMIm]X under catalyst- and solvent-free conditions. 2005 , 70, 4517-9	96
1132	Anhydrous Praseodymium Salts in the Ionic Liquid [bmpyr][Tf2N]: Structural and Optical Properties of [bmpyr]4[PrI6][Tf2N] and [bmyr]2[Pr(Tf2N)5]. 2005 , 17, 6230-6238	100
1131	Thermal behaviour of two room-temperature ionic liquids containing the methylimidazolium cation. 2005 , 78, 357-368	7
1130	Europium(III) and its halides in anhydrous room-temperature imidazolium-based ionic liquids: a combined TRES, EXAFS, and molecular dynamics study. 2005 , 44, 8355-67	84

1129	ionic liquid as an efficient promoting medium for fixation of carbon dioxide: a clean method for the synthesis of 5-methylene-1,3-oxazolidin-2-ones from propargylic alcohols, amines, and carbon dioxide catalyzed by Cu(I) under mild conditions. 2005 , 70, 7376-80	93
1128	Triazolium-based energetic ionic liquids. 2005 , 109, 7285-95	152
1127	Ionic liquids as novel solvents for the dissolution and blending of wool keratin fibers. 2005, 7, 606	303
1126	A recyclable catalyst for asymmetric transfer hydrogenation with a formic acid-triethylamine mixture in ionic liquid. 2005 , 2134-6	83
1125	The formation of [PtCl(diphosphine-I)(¶-diphosphine-II)]+ species in the N-butyl-N?-methylimidazolium hexafluorophosphate ionic liquid: An NMR study. 2005 , 58, 869-874	9
1124	Ab initio molecular dynamics of liquid 1,3-dimethylimidazolium chloride. 2005 , 109, 18591-9	188
1123	Phase separation of the reaction system induced by CO2 and conversion enhancement for the esterification of acetic acid with ethanol in ionic liquid. 2005 , 109, 16176-9	35
1122	Synthesis, anti-microbial activities and anti-electrostatic properties of phosphonium-based ionic liquids. 2005 , 7, 855	167
1121	The 2-position of imidazolium ionic liquids: substitution and exchange. 2005 , 70, 1915-8	169
1120	Ionic liquid promoted simple and efficient synthesis of enamino esters and enaminones from 1,3-dicarbonyl compounds? One-pot, three-component reaction for the synthesis of substituted pyridines. 2005 , 83, 1746-1751	29
1119	Highly active horseradish peroxidase immobilized in 1-butyl-3-methylimidazolium tetrafluoroborate room-temperature ionic liquid based sol-gel host materials. 2005 , 1778-80	134
1118	Catalytically active palladium pyridylidene complexes: pyridinium ionic liquids as N-heterocyclic carbene precursors. 2005 , 4705-7	56
1117	Relaxation processes in room temperature ionic liquids: the case of 1-butyl-3-methyl imidazolium hexafluorophosphate. 2005 , 109, 22061-6	82
1116	The Pt(II)-catalyzed Baeyer Villiger oxidation of cyclohexanone with H2O2 in ionic liquids. 2005, 7, 262	37
1115	Preparation and Properties of Nanostructure Anatase TiO2 Monoliths Using 1-Butyl-3-methylimidazolium Tetrafluoroborate Room-Temperature Ionic Liquids as Template Solvents. 2005 , 5, 1643-1649	105
1114	References. 2005 , 221-229	
1113	Brînsted Acidic Ionic Liquids as Efficient and Recyclable Catalysts for Protection of Carbonyls to Acetals and Ketals Under Mild Conditions. 2005 , 35, 2703-2708	20
1112	Tetrahaloindate(III)-based ionic liquids in the coupling reaction of carbon dioxide and epoxides to generate cyclic carbonates: H-bonding and mechanistic studies. 2005 , 70, 7882-91	153

1111	Microwave-assisted synthesis of sulfide M2S3 (m = Bi, Sb) nanorods using an ionic liquid. 2005 , 109, 4361-4	167
1110	Voltammetric studies on the reduction of polyoxometalate anions in ionic liquids. 2005 , 44, 5123-32	78
1109	Enantioselective allylation of aldehydes catalyzed by chiral indium(III) complexes immobilized in ionic liquids. 2005 , 2345-7	33
1108	Liquid imidazole-borane complex. 2005 , 4557-9	16
1107	Application of Inverse Gas Chromatography and Regular Solution Theory for Characterization of Ionic Liquids. 2005 , 44, 4120-4127	106
1106	Magnitude and directionality of interaction in ion pairs of ionic liquids: relationship with ionic conductivity. 2005 , 109, 16474-81	430
1105	Guanidinium-based ionic liquids. 2005 , 44, 1704-12	112
1104	Cocrystal of an Ionic Liquid with Organic Molecules as a Mimic of Ionic Liquid Solution. 2005 , 5, 337-340	27
1103	Conductivity and Viscosity of 1-Allyl-3-methyl-imidazolium Chloride + Water and + Ethanol from 293.15 K to 333.15 K. 2005 , 50, 133-135	78
1102	Using geminal dicationic ionic liquids as solvents for high-temperature organic reactions. 2005 , 7, 4205-8	182
1101	Ionic liquid and solid HF equivalent amine-poly(hydrogen fluoride) complexes effecting efficient environmentally friendly isobutane-isobutylene alkylation. 2005 , 127, 5964-9	97
1100	Voltammetric Studies on Decaphenylferrocene, Substituted Decaphenylferrocenes, and Their Oxidized Forms in Dichloromethane and Ionic Liquids. 2005 , 24, 2188-2196	11
1099	Ionic liquids as additives in the pig liver esterase (PLE) catalysed synthesis of chiral disubstituted malonates. 2005 , 7, 602	57
1098	Imidazolinium salts as catalysts for the aza-Diels-Alder reaction. 2005 , 3, 239-44	38
1097	Friedel¶rafts Acylation of Ferrocene Catalyzed by Immobilized Ytterbium(III) Triflate in Ionic Liquid. 2005 , 35, 1929-1937	21
1096	5 Immobilisation of chiral catalysts: easy recycling of catalyst and improvement of catalytic efficiencies. 2005 , 101, 143	41
1095	Organic Reactions in Ionic Liquids: Ionic Liquid-Accelerated One-Pot Synthesis of 2-Arylimidazo[1,2-a]pyrimidines. 2005 , 35, 1741-1746	24
1094	Homogeneous supported synthesis using ionic liquid supports: tunable separation properties. 2005 , 70, 2874-7	70

1093	Ionic liquids as an attractive alternative solvent for thermal lens measurements. 2005 , 77, 7442-7	27
1092	Organic Reactions in Ionic Liquids: Ionic Liquid Ethylammonium Nitrate P romoted Knoevenagel Condensation of Meldrum's Acid With Aromatic Aldehydes. 2005 , 35, 2955-2960	23
1091	Room-Temperature Ionic Liquid P romoted Williamson's Synthesis of Ethers: A Facile Synthesis of Diaryloxymethanes. 2005 , 35, 3113-3118	9
1090	Practical considerations associated with voltammetric studies in room temperature ionic liquids. 2005 , 130, 1132-47	153
1089	Identical extraction behavior and coordination of trivalent or hexavalent f-element cations using ionic liquid and molecular solvents. 2005 , 1966-71	182
1088	Solubilities of Petroleum Ether, Heptane, Phosphorus Trichloride, and Benzene with the [Triethylamine Hydrochloride] [AlCl3] Ionic Liquid. 2005 , 50, 616-618	7
1087	Low-Melting Dialkyl- and Bis(polyfluoroalkyl)-Substituted 1,1EMethylenebis(imidazolium) and 1,1EMethylenebis(1,2,4-triazolium) Bis(trifluoromethanesulfonyl)amides: Ionic Liquids Leading to Bis(N-heterocyclic carbene) Complexes of Palladium. 2005 , 24, 3020-3023	106
1086	Highly regioselective ring-opening of epoxides with thiophenols in ionic liquids without the use of any catalyst. 2006 , 8, 330	63
1085	Effect of tetrabutylphosphonium cation on the physico-chemical properties of amino-acid ionic liquids. 2006 , 2254-6	179
1084	Simulation studies of ionic liquids: orientational correlations and static dielectric properties. 2006 , 125, 244506	91
	123, 244300	
1083	Cooperativity in ionic liquids. 2006 , 124, 174506	146
		146
1082	Cooperativity in ionic liquids. 2006 , 124, 174506	·
1082	Cooperativity in ionic liquids. 2006 , 124, 174506 Benign approaches for the synthesis of bis-imine Schiff bases. 2006 , 8, 50-53	33
1082	Cooperativity in ionic liquids. 2006 , 124, 174506 Benign approaches for the synthesis of bis-imine Schiff bases. 2006 , 8, 50-53 Coupling Reactions of Areneboronic Acids or Esters with Aromatic Electrophiles. 2006 , 123-170 Expanding the useful range of ionic liquids: melting point depression of organic salts with carbon	33
1082 1081 1080	Cooperativity in ionic liquids. 2006, 124, 174506 Benign approaches for the synthesis of bis-imine Schiff bases. 2006, 8, 50-53 Coupling Reactions of Areneboronic Acids or Esters with Aromatic Electrophiles. 2006, 123-170 Expanding the useful range of ionic liquids: melting point depression of organic salts with carbon dioxide for biphasic catalytic reactions. 2006, 3681-3 Morphology Control of Electrodeposited Cu2O Crystals in Aqueous Solutions Using Room	33369
1082 1081 1080	Cooperativity in ionic liquids. 2006, 124, 174506 Benign approaches for the synthesis of bis-imine Schiff bases. 2006, 8, 50-53 Coupling Reactions of Areneboronic Acids or Esters with Aromatic Electrophiles. 2006, 123-170 Expanding the useful range of ionic liquids: melting point depression of organic salts with carbon dioxide for biphasic catalytic reactions. 2006, 3681-3 Morphology Control of Electrodeposited Cu2O Crystals in Aqueous Solutions Using Room Temperature Hydrophilic Ionic Liquids. 2006, 6, 2795-2798 Luminescent Ionogels Based on Europium-Doped Ionic Liquids Confined within Silica-Derived	3336995

1075	Rapid and efficient synthesis of metal-free phthalocyanine derivatives. 2006 , 10, 1253-1258	6
1074	Actinide Separation Science and Technology. 2008 , 2622-2798	79
1073	Multiscale coarse-graining of ionic liquids. 2006 , 110, 3564-75	158
1072	Structure of the liquid-vacuum interface of room-temperature ionic liquids: a molecular dynamics study. 2006 , 110, 1800-6	185
1071	Reversible physical absorption of SO2 by ionic liquids. 2006 , 4027-9	226
1070	Coexistence of liquid and solid phases of Bmim-PF6 ionic liquid on mica surfaces at room temperature. 2006 , 128, 7456-7	140
1069	Collective excitations in an ionic liquid. 2006 , 124, 74513	45
1068	Anionic rare-earth thiocyanate complexes as building blocks for low-melting metal-containing ionic liquids. 2006 , 128, 13658-9	167
1067	A theoretical investigation of the interactions between water molecules and ionic liquids. 2006 , 110, 24646-51	193
1066	Electron spin dynamics of triplet and doublet molecules in room temperature ionic liquids studied by a time-resolved EPR method. 2006 , 104, 1573-1579	17
1065	Poly(ethylene glycol) (400) as superior solvent medium against ionic liquids for catalytic hydrogenations with PtO2. 2006 , 71, 2196-9	62
1064	Preliminary assessment of imidazolium-based room-temperature ionic liquids for extraction of organic contaminants from soils. 2006 , 40, 2339-45	41
1063	The synthesis of quaternary ammonium salts from ammonium salts and dialkyl carbonate. 2006 , 1864-5	20
1062	Layering at an ionic liquid-vapor interface: a molecular dynamics simulation study of [bmim][PF6]. 2006 , 128, 10073-8	161
1061	Sputter deposition onto ionic liquids: Simple and clean synthesis of highly dispersed ultrafine metal nanoparticles. 2006 , 89, 243117	326
1060	Solubilization of polymers by ionic liquids. 2006 , 16, 4281	214
1059	Room temperature ionic liquids structure and its effect on the mononuclear rearrangement of heterocycles: an approach using thermodynamic parameters. 2006 , 71, 9637-42	58
1058	Synthesis, characterization, and application of chiral ionic liquids and their polymers in micellar electrokinetic chromatography. 2006 , 78, 7061-9	138

(2006-2006)

1057	Efficient Protocol for Reductive Amination of Aldehydes and Ketones with Sodium Borohydride in an Ionic Liquid/H2O System. 2006 , 36, 3345-3352	17
1056	Proton-conducting ionic liquids based upon multivalent anions and alkylimidazolium cations. 2006 , 3637-9	58
1055	Anion effects on the cytotoxicity of ionic liquids. 2006 , 8, 621	275
1054	Functional dependency of structures of ionic liquids: do substituents govern the selectivity of enzymatic glycerolysis?. 2006 , 4, 2772-6	65
1053	Efficient regioselective acylation of 1-₺ -arabinofuranosylcytosine catalyzed by lipase in ionic liquid containing systems. 2006 , 8, 538-544	39
1052	Use of ionic liquids to improve whole-cell biocatalytic asymmetric reduction of acetyltrimethylsilane for efficient synthesis of enantiopure (S)-1-trimethylsilylethanol. 2006 , 8, 147	67
1051	Oxidation of Benzylic Alcohols to Their Corresponding Carbonyl Compounds using KIO4 in Ionic Liquid by Microwave Irradiation. 2006 , 36, 2563-2568	16
1050	Synthesis of a neutral metal@rganic network solid [(MeIm)Ni(BDC)] (where MeIm = methylimidazole and BDC = 1,4-benzenedicarboxylate) in an ionic liquid solvent 1-methyl-3-propylimidazolium bromide. 2006 , 8, 866-868	36
1049	Ionic liquid promoted highly efficient aziridination of alkenes with Chloramine-T using N-bromosuccinimide as catalyst. 2006 , 8, 943	15
1048	Organic salt inclusion: the first crystal structures of anion complexes of N-confused calix[4]pyrrole. 2006 , 8, 444	14
1047	Ionic liquid crystals of imidazolium salts with a pendant hydroxyl group. 2006 , 16, 2972	80
1046	Sequential Aldol/Michael Addition Reaction in Ionic Liquid Catalyzed by Morpholine: A Convenient Synthesis of 1,3,5-Triaryl-1,5-pentanedione. 2006 , 36, 1193-1200	11
1045	Recovery and reuse of ionic liquids and palladium catalyst for Suzuki reactions using organic solvent nanofiltration. 2006 , 8, 373	98
1044	Molecular dynamics simulations of the aqueous interface with the [BMI][PF6] ionic liquid: Comparison of different solvent models. 2006 , 8, 4166-74	61
1043	Chemical reactivity in ionic liquids: Nitroso group transfer from N-nitrososulfonamide. 2006 , 8, 596-598	3
1042	Removal of ammonium bromide, ammonium chloride, and zinc acetate from ionic liquid/organic mixtures using carbon dioxide. 2006 , 8, 141	20
1041	A new method for dialkyl peroxides synthesis in ionic liquids as solvents. 2006 , 8, 292-295	17
1040	Neoteric optical media for refractive index determination of gems and minerals. 2006 , 30, 317	49

1039	Accurate thermochemical properties for energetic materials applications. I. Heats of formation of nitrogen-containing heterocycles and energetic precursor molecules from electronic structure theory. 2006 , 110, 11890-7	77
1038	Evidence for laser-induced formation of solvated electrons in room temperature ionic liquids. 2006 , 8, 3192-6	17
1037	Organic solvent nanofiltration in asymmetric hydrogenation: enhancement of enantioselectivity and catalyst stability by ionic liquids. 2006 , 2063-5	43
1036	Facile one-pot synthesis of gold nanoparticles using alcohol ionic liquids. 2006 , 16, 1315	124
1035	Solvation of uranyl-CMPO complexes in dry vs. humid forms of the [BMI][PF6] ionic liquid. A molecular dynamics study. 2006 , 8, 494-502	34
1034	Ytterbium(III) Triflatetatalyzed Stereoselective Synthesis of tactams via [2+2] Cyclocondensation in Ionic Liquid. 2006 , 36, 3167-3174	11
1033	Chemical capacitance of nanoporous-nanocrystalline TiO2 in a room temperature ionic liquid. 2006 , 8, 1827-33	91
1032	The first homoleptic bis(trifluoromethanesulfonyl)amide complex compounds of trivalent f-elements. 2006 , 1828-30	41
1031	A critical assessment of electrochemistry in a distillable room temperature ionic liquid, DIMCARB. 2006 , 8, 161-171	53
1030	Palladium nanoparticles stabilized by alkylated polyethyleneimine as aqueous biphasic catalysts for the chemoselective stereocontrolled hydrogenation of alkenes. 2006 , 8, 5445-8	55
1029	Air and water stable ionic liquids in physical chemistry. 2006 , 8, 2101-16	956
1028	Brnsted Acidic Ionic Liquids and Their Use as Dual Solvent©atalysts for Fischer Esterifications. 2006 , 45, 7982-7984	101
1027	New force field for molecular simulation of guanidinium-based ionic liquids. 2006 , 110, 12062-71	89
1026	Broadband dielectric response of the ionic liquid N-methyl-N-ethylpyrrolidinium dicyanamide. 2006 , 1748-50	75
1025	Rare-earth iodides in ionic liquids: Crystal structures of [bmpyr]4[LnI6][Tf2N] (Ln = La, Er). 2006 , 418, 122-127	35
1024	Supercritical Fluids. 2006 , 215-236	5
1023	Synthesis of 2-Aminothiophenes on Ionic Liquid Phase Support using the Gewald Reaction. 2006 , 36, 1543-1548	31
1022	Preparation of biopolymer fibers by electrospinning from room temperature ionic liquids. 2006 , 7, 415-8	230

1021	Thermodynamic Properties of Imidazolium-Based Ionic Liquids: Densities, Heat Capacities, and Enthalpies of Fusion of [bmim][PF6] and [bmim][NTf2]. 2006 , 51, 1856-1859	240
1020	Why ionic liquids can possess extra solvent power. 2006 , 110, 16205-7	30
1019	Study on guanidine-based task-specific ionic liquids as catalysts for direct aldol reactions without solvent. 2006 , 30, 736	52
1018	Preparation, characterization and application of amino acid-based green ionic liquids. 2006 , 8, 639	287
1017	[bmim]Cl/[FeCl3] Ionic Liquid as Catalyst for Alkylation of Benzene with 1-Octadecene . 2006 , 14, 289-293	26
1016	Synthesis and formation mechanism of nanoneedles and nanorods of manganese oxide octahedral molecular sieve using an ionic liquid. 2006 , 110, 6609-14	81
1015	INNOVATIVE APPLICATIONS OF IONIC LIQUIDS AS TREENTENGINEERING LIQUIDS. 2006, 193, 1660-1677	289
1014	"Clickphine": a novel and highly versatile P,N ligand class via click chemistry. 2006, 8, 3227-30	142
1013	Efficient enantioselective hydrolysis of D,L-phenylglycine methyl ester catalyzed by immobilized Candida antarctica lipase B in ionic liquid containing systems. 2006 , 125, 64-74	79
1012	Reversed phase liquid chromatography of alkyl-imidazolium ionic liquids. 2006 , 1113, 101-8	76
1011	13C NMR relaxation rates in the ionic liquid 1-ethyl-3-methylimidazolium butanesulfonate. 2006 , 110, 868-74	61
1010	A novel and green version of the Passerini reaction in an ionic liquid ([bmim][BF4]). 2006 , 84, 794-799	25
1009	Control of Ionic Interactions in Silver Salt P olymer Complexes with Ionic Liquids: Implications for Facilitated Olefin Transport. 2006 , 18, 1789-1794	41
1008	Determination of Thermal Diffusivities, Thermal Conductivities, and Sound Speeds of Room-Temperature Ionic Liquids by the Transient Grating Technique. 2006 , 51, 1250-1255	98
1007	Homogeneous enzymatic reactions in ionic liquids with poly(ethylene glycol)-modified subtilisin. 2006 , 4, 3462-7	49
1006	Extractive solubilization, structural change, and functional conversion of cytochrome c in ionic liquids via crown ether complexation. 2006 , 78, 7735-42	91
1005	Acylation and carbanilation of cellulose in ionic liquids. 2006 , 8, 301-306	336
1004	Syntheses and characterization of unsymmetric dicationic salts incorporating imidazolium and triazolium functionalities. 2006 , 45, 6396-403	63

1003	Clean Beckmann rearrangement of cyclohexanone oxime in caprolactam-based Brnsted acidic ionic liquids. 2006 , 8, 296-300	95
1002	Highly enantioselective alpha-aminoxylation of aldehydes and ketones in ionic liquids. 2006, 71, 8320-3	48
1001	The Static Dielectric Constant of Ionic Liquids. 2006 , 220, 1395-1405	154
1000	A cyclic voltammetric technique for the detection of micro-regions of bmimPF6/Tween 20/H2O microemulsions and their performance characterization by UV-Vis spectroscopy. 2006 , 8, 43-49	197
999	Ionic liquidEalix[4]pyrrole complexes: pyridinium inclusion in the calixpyrrole cup. 2006 , 8, 300-302	37
998	Chiral salen complexes: an overview to recoverable and reusable homogeneous and heterogeneous catalysts. <i>Chemical Reviews</i> , 2006 , 106, 3987-4043	583
997	Efficient preparation and improved sensitivity of molecularly imprinted polymers using room temperature ionic liquids. 2006 , 1730-2	52
996	Basic ionic liquid as catalysis and reaction medium: a novel and green protocol for the Markovnikov addition of N-heterocycles to vinyl esters, using a task-specific ionic liquid, [bmlm]OH. 2006 , 71, 3991-3	115
995	Efficient Synthesis of Aromatic Carboxylic Acids from Aryl Ketones in Ionic Liquid. 2006 , 36, 1071-1074	5
994	Low Molecular-Mass Organic Gelators. 2006 , 449-551	21
993	Wood liquefaction by ionic liquids. 2006 , 60, 509-512	83
992	Solvatochromic parameters for binary mixtures of 1-(1-butyl)-3-methylimidazolium tetrafluoroborate with some protic molecular solvents. 2006 , 110, 7073-8	78
991	Physicochemical properties of proton conducting membranes based on ionic liquid impregnated polymer for fuel cells. 2006 , 16, 2256	93
990	Using Kamlet-Taft solvent descriptors to explain the reactivity of anionic nucleophiles in ionic liquids. 2006 , 71, 8847-53	135
989	Raman spectroscopic study on solvation of diphenylcyclopropenone and phenol blue in room temperature ionic liquids. 2006 , 110, 6164-72	48
988	Solvatochromic Absorbance Probe Behavior and Preferential Solvation in Aqueous 1-Butyl-3-methylimidazolium Tetrafluoroborate. 2006 , 51, 2051-2055	57
987	Physicochemical properties and structures of room-temperature ionic liquids. 3. Variation of cationic structures. 2006 , 110, 2833-9	541
986	Ternary Phase Behavior of Ionic Liquid (IL)DrganicCO2 Systems. 2006 , 45, 5574-5585	61

985	Room-Temperature Ionic Liquids in Liquidliquid Extraction: Effects of Solubility in Aqueous Solutions on Surface Properties. 2006 , 24, 33-56	93
984	A Striking Effect of Ionic-Liquid Anions in the Extraction of Sr2+ and Cs+ by Dicyclohexano-18-Crown-6. 2006 , 24, 19-31	96
983	Cu(II)-catalyzed selective aerobic oxidation of alcohols under mild conditions. 2006, 71, 7087-90	147
982	Preparation of simple ammonium ionic liquids and their application in the cracking of dialkoxypropanes. 2006 , 8, 603	116
981	Ionic Liquid as Solvent for the Synthesis and Crystallization of a Coordination Polymer: (EMI)[Cd(BTC)] (EMI = 1-Ethyl-3-methylimidazolium, BTC = 1,3,5-Benzenetricarboxylate). 2006 , 6, 1062-1063	90
980	Catalysis in Ionic Liquids. 2006 , 49, 153-237	87
979	Polyethylene glycol as a non-ionic liquid solvent for Michael addition reaction of amines to conjugated alkenes. 2006 , 8, 356	102
978	Grignard reactions in imidazolium ionic liquids. 2006 , 71, 4659-62	56
977	Strategies toward the design of energetic ionic liquids: nitro- and nitrile-substituted N,N?-dialkylimidazolium salts. 2006 , 30, 349	59
976	Are Ionic Liquids Really a Boon for the Synthesis of Inorganic Materials? A General Method for the Fabrication of Nanosized Metal Fluorides. 2006 , 18, 3162-3168	177
975	Polyethylene glycol functionalized dicationic ionic liquids with alkyl or polyfluoroalkyl substituents as high temperature lubricants. 2006 , 16, 1529	205
974	Structure-directing role of amines in the ionothermal synthesis. 2006 , 128, 7432-3	118
973	Study of aromatic nucleophilic substitution with amines on nitrothiophenes in room-temperature ionic liquids: are the different effects on the behavior of para-like and ortho-like isomers on going from conventional solvents to room-temperature ionic liquids related to solvation effects?. 2006 ,	82
972	71, 5144-50 The electrolyte switchable solubility of multi-walled carbon nanotube/ionic liquid (MWCNT/IL) hybrids. 2006 , 2356-8	86
971	Fluid Extraction. 2006 , 207-249	1
970	Solubilities of Gases in the Ionic Liquid 1-n-Butyl-3-methylimidazolium Bis(trifluoromethylsulfonyl)imide. 2006 , 51, 892-897	152
969	Mannich Reactions in Room Temperature Ionic Liquids (RTILs): An Advanced Undergraduate Project of Green Chemistry and Structural Elucidation. 2006 , 83, 943	20
968	Measurement of SO2 solubility in ionic liquids. 2006 , 110, 15059-62	292

967	Task-specific ionic liquid for solubilizing metal oxides. 2006 , 110, 20978-92	357
966	Surfactant ionic liquid-based microemulsions for polymerization. 2006 , 2696-8	181
965	Polymerized Ionic Liquids via Hydroboration Polymerization as Single Ion Conductive Polymer Electrolytes. 2006 , 39, 6924-6927	152
964	Thermodynamic Properties of Mixtures Containing Ionic Liquids: Activity Coefficients at Infinite Dilution of Organic Compounds in 1-Propyl Boronic Acid-3-Alkylimidazolium Bromide and 1-Propenyl-3-alkylimidazolium Bromide Using Inverse Gas Chromatography. 2006 , 51, 1274-1279	57
963	Crown ether-mediated extraction and functional conversion of cytochrome C in ionic liquids. 2006 , 7, 2-5	93
962	Pd(0) supported onto monolithic polymers containing IL-like moieties. Continuous flow catalysis for the Heck reaction in near-critical EtOH. 2006 , 3095-7	80
961	Ultrafast solvation dynamics of coumarin 153 in imidazolium-based ionic liquids. 2006, 110, 7028-34	97
960	In(OTf)3-catalyzed thiolysis of 1,2-epoxides by arylthiols under SFC. A new approach for the synthesis of thiazolopyridinium ionic liquids. 2006 , 8, 191-196	18
959	Hydrogen bonds in imidazolium ionic liquids. 2006 , 110, 9775-82	420
958	An example of lipophiloselectivity: the preferred oxidation, in water, of hydrophobic 2-alkanols catalyzed by a cross-linked polyethyleneimine-polyoxometalate catalyst assembly. 2006 , 128, 15697-700	66
957	Influence of structural variations in 1-alkyl-3-methylimidazolium cation and tetrahalogenoferrate(III) anion on the physical properties of the paramagnetic ionic liquids. 2006 , 16, 1254	140
956	Effect of Water Content on the Solubility of CO2 in the Ionic Liquid [bmim][PF6]. 2006, 51, 371-375	83
955	Novel quaternary ammonium ionic liquids and their use as dual solvent-catalysts in the hydrolytic reaction. 2006 , 8, 96-99	151
954	Approaches to crystallization from ionic liquids: complex solvents-complex results, or, a strategy for controlled formation of new supramolecular architectures?. 2006 , 4767-79	156
953	Koch carbonylation of tertiary alcohols in the presence of acidic ionic liquids. 2006, 7, 450-453	40
952	Morphology of poly(ethylene oxide) dissolved in a room temperature ionic liquid: a small angle neutron scattering study. 2006 , 110, 1513-5	85
951	Thermodynamics, structure, and dynamics in room temperature ionic liquids: the case of 1-butyl-3-methyl imidazolium hexafluorophosphate ([bmim][PF6]). 2006 , 110, 21357-64	171
950	Effect of water on the molecular structure and arrangement of nitrile-functionalized ionic liquids. 2006 , 110, 2777-81	121

949	Metal chelate formation using a task-specific ionic liquid. 2006 , 45, 10025-7	32
948	Butyl-3-methylimidazolium Chloride Preparation in Supercritical Carbon Dioxide. 2006 , 45, 525-529	15
947	Palladium-mediated functionalization of heteroaromatic cations: comparative study on quinolizinium cations. 2006 , 71, 7989-95	16
946	Lithium secondary batteries using modified-imidazolium room-temperature ionic liquid. 2006 , 110, 10228-30	308
945	The simulation of imidazolium-based ionic liquids Wiew all notes. 2006 , 32, 1-10	112
944	Additivity in the optical kerr effect spectra of binary ionic liquid mixtures: implications for nanostructural organization. 2006 , 110, 16174-8	154
943	D,L-⊞-Tocopherol Synthesis Catalyzed by the Brînsted Acidic Ionic Liquids. 2006 , 36, 2433-2439	6
942	A highly efficient, recyclable catalyst for C-C coupling reactions in ionic liquids: pyrazolyl-functionalized N-heterocyclic carbene complex of palladium(II). 2006 , 71, 426-9	157
941	Design and synthesis of pyridinium chiral ionic liquids tethered to a urea functionality. 2006 , 71, 9857-60	30
940	Inclusion complexes of beta-cyclodextrin with ionic liquid surfactants. 2006, 110, 8576-81	135
939	Single diastereomers of polyhydroxylated 9-oxa-1-azabicyclo[4.2.1]nonanes from intramolecular 1,3-dipolar cycloaddition of omega-unsaturated nitrones. 2006 , 71, 8669-72	19
938	Synthesis of Im3[Re3mu3-S)(mu-S3)Br9]Br (Im = 1-ethyl-3-methylimidazolium) by means of an ionic liquid. 2006 , 45, 4578-9	19
937	Effect of Acetonitrile on the Solubility of Carbon Dioxide in 1-Ethyl-3-methylimidazolium Bis(trifluoromethylsulfonyl)amide. 2006 , 45, 8180-8188	57
936	Retracted article: An efficient and practical synthesis of chiral imidazolium ionic liquids and their application in an enantioselective Michael reaction. 2006 , 8, 731	32
935	Sum frequency generation spectroscopy and double-layer capacitance studies of the 1-butyl-3-methylimidazolium dicyanamide-platinum interface. 2006 , 110, 18481-91	83
934	Dynamic solvation in imidazolium-based ionic liquids on short time scales. 2006 , 110, 9549-54	58
933	Highly Selective Synthesis of Diphenylmethane with Acidic Ionic Liquids. 2006 , 45, 1571-1574	18
932	Knoevenagel Condensation Catalyzed by 1,1,3,3-Tetramethylguanidium Lactate. 2006 , 36, 3305-3317	40

931	Expeditious approach to \blacksquare -amino phosphonates via three-component solvent-free reactions catalyzed by NBS or CBr4. 2006 , 8, 365	51
930	Formation of porous silver by electrochemical alloying/dealloying in a water-insensitive zinc chloride-1-ethyl-3-methyl imidazolium chloride ionic liquid. 2006 , 110, 5215-22	84
929	Palladium-catalyzed regiospecific aminocarbonylation of alkynes in the ionic liquid [bmim][Tf2N]. 2006 , 8, 5199-201	76
928	Room-Temperature Ionic-Liquid-Incorporated Plasma-Deposited Thin Films for Discriminative Alcohol-Vapor Sensing. 2006 , 18, 2656-2662	12
927	Solubilities of Benzene, Toluene, and Xylene Isomers in 1-Butyl-3-methylimidazolium Tetrafluoroborate. 2006 , 51, 1286-1288	28
926	Interaction of ionic liquid with water in ternary microemulsions (Triton X-100/water/1-butyl-3-methylimidazolium hexafluorophosphate) probed by solvent and rotational relaxation of coumarin 153 and coumarin 151. 2006 , 22, 7768-75	102
925	Electronic structure of the surface of the ionic liquid [EMIM][Tf(2)N] studied by metastable impact electron spectroscopy (MIES), UPS, and XPS. 2006 , 22, 7120-3	172
924	Deposition of a thin film of TiOx from a titanium metal target as novel blocking layers at conducting glass/TiO2 interfaces in ionic liquid mesoscopic TiO2 dye-sensitized solar cells. 2006 , 110, 25222-8	110
923	Very efficient, reusable copper catalyst for carbene transfer reactions under biphasic conditions using ionic liquids. 2006 , 8, 557-60	38
922	High temperature corrosion properties of ionic liquids. 2006 , 48, 2349-2362	97
921	Phosphine-free cross-coupling reaction of arylboronic acids with carboxylic anhydrides or acyl chlorides in aqueous media. 2006 , 71, 5725-31	116
920	The chemical nature of the (plus sign in circle)C-HX- (X=Cl or Br) interaction in imidazolium halide ionic liquids. 2006 , 124, 044504	73
919	1,1,3,3-N,N,N?,N?-Tetramethylguanidinium Trifluoroacetate Ionic Liquid P romoted Efficient One-Pot Synthesis of Trisubstituted Imidazoles. 2006 , 36, 65-70	29
918	Brînsted Acidic Ionic Liquid: An Efficient and Reusable Catalyst for the Synthesis of 3,4-Dihydropyrimidin-2(1H)-ones. 2006 , 36, 1503-1513	48
917	Ring-Opening Metathesis Polymerization (ROMP) in Ionic Liquids: Scope and Limitations. 2006 , 39, 7821-7830	80
916	Physical Properties of Ionic Liquids: Database and Evaluation. 2006 , 35, 1475-1517	920
915	Dynamic stokes shift and excitation wavelength dependent fluorescence of dipolar molecules in room temperature ionic liquids. 2006 , 110, 13704-16	326
914	Ionic liquid droplet as e-microreactor. 2006 , 78, 4909-17	133

913	Separation of fission products based on ionic liquids: Task-specific ionic liquids containing an aza-crown ether fragment. 2006 , 418, 195-199	84
912	Strong luminescence of rare earth compounds in ionic liquids: Luminescent properties of lanthanide(III) iodides in the ionic liquid 1-dodecyl-3-methylimidazolium bis(trifluoromethanesulfonyl)imide. 2006 , 418, 204-208	59
911	Preparation of dialkoxypropanes in simple ammonium ionic liquids. 2006, 8, 1076	27
910	Laser photolysis study of anthraquinone in binary mixtures ofionic liquid [bmim][PF6] and organic solvent. 2006 , 7, 590-600	11
909	A Rheological Study of Binary Mixtures of Ionic Liquid [Me3NC2H4OH]+[Zn2Cl5][and Ethanol. 2006 , 16, 334-339	6
908	Potential for the Use of Ionic Liquids in Polymer Chemistry. 2006 , 33, 49-54	1
907	Efficient precipitation of dyes from dilute aqueous solutions of ionic liquids. 2006 , 22, 1051-3	28
906	Methyltrioxorhenium and Sodium Bromide-Catalyzed Oxidation of Alcohols to Carbonyl Compounds with H2O2Using 1-Butyl-3-methylimidazolium Tetrafluoroborate Ionic Liquid as a Novel Recyclable Green Solvent. 2006 , 79, 1601-1603	4
905	Novel Hydrophobic Brînsted Acidic Ionic-liquids as Efficient and Reusable Catalysts for Organic Reactions in Water. 2006 , 35, 1176-1177	17
904	Solvent Extraction of Lanthanides into an Ionic Liquid ContainingN,N,N?,N?-Tetrakis(2-pyridylmethyl)ethylenediamine. 2006 , 35, 484-485	27
903	Methyl Methacrylate Homopolymerization and Copolymerization with Styrene by Rare Earth Catalyst in Ionic Liquids. 2006 , 35, 524-525	8
902	SnCl2•2H2OAn Alternative to Lewis Acidic Ionic Liquids. 2006 , 35, 632-633	23
901	A Comparative Study on the Electronic Structure of the 1-Ethyl-3-Methylimidazolium Bis(trifluoromethylsulfonyl)amide RT-Ionic Liquid by Electron Spectroscopy and First Principles Calculations. 2006 , 220, 1407-1416	30
900	Importance of Blocking Layers at Conducting Glass/TiO2Interfaces in Dye-sensitized Ionic-liquid Solar Cells. 2006 , 35, 252-253	61
899	Upper Critical Solution Temperature Behavior of Poly(N-isopropylacrylamide) in an Ionic Liquid and Preparation of Thermo-sensitive Nonvolatile Gels. 2006 , 35, 964-965	128
898	Functional Design of Ionic Liquids. 2006 , 79, 1665-1680	207
897	Observation of Ionic Liquid by Scanning Electron Microscope. 2006 , 35, 600-601	149
896	Dehydrogenation of Unsymmetric Hydrazo Compounds in Ionic Liquid: Novel Green Synthesis of Azo Compounds. 2006 , 53, 677-681	2

895	Ionic Liqids in Organic Synthesis: The Pummerer Reaction. 2006 , 53, 431-435	3
894	Aqueous [bmim][BF4] as Green Solvent in Microwave-assisted Organic Reactions: Clean Synthesis of 1H-benzo[f]chromene Derivatives. 2006 , 2006, 776-778	9
893	One-Pot Synthesis of 🛮 🖾 mino Phosphonates in Chloroaluminate-Based Ionic Liquid. 2006 , 2006, 240-241	3
892	Green Route to the 2,6-Disubstituted Imidazo[2,1-b]-1,3,4-Thiadiazoles by the Cyclocondensation of α-Bromoacetophenone Derivative and 1,3,4-Thiadiazoles Using Ionic Liquids. 2006 , 3, 149-152	11
891	Electrochemical Behavior of the Li+/Li Couple and Stability of Lithium Deposits in Tri-1-Butylmethylammonium Bis((Trifluoromethyl)Sulfonyl)Imide Room Temperature Ionic Liquid. 2006 , 53, 1017-1026	9
890	Room Temperature Ionic Liquids as Media for Photophysical Studies. 2006 , 53, 247-252	8
889	ESR Studies on a Friedel-Crafts Alkylation Reaction in [bmim]Cl-AlCl3 Ionic Liquid. 2006, 53, 887-890	1
888	Development of New Methodologies Toward Green Sustainable Organic Electrode Processes. 2006 , 74, 585-589	22
887	Darstellung neuartiger Festkiper in Ionischen Fläsigkeiten. 2006 , 632, 2096-2096	
886	Solvent-Solute Interactions in Ionic Liquids. 2006 , 632, 2163-2163	
886 885	Solvent-Solute Interactions in Ionic Liquids. 2006 , 632, 2163-2163 1,1?-Methylenebis(4-methyl-1H-triazolium) dipicrate. 2006 , 62, o5381-o5382	1
		1
885	1,1?-Methylenebis(4-methyl-1H-triazolium) dipicrate. 2006 , 62, o5381-o5382	19
885 884	1,1?-Methylenebis(4-methyl-1H-triazolium) dipicrate. 2006, 62, o5381-o5382 1,1?-Methylenebis(3-methylimidazolium) dipicrate. 2006, 62, o5619-o5620	
885 884 883	1,1?-Methylenebis(4-methyl-1H-triazolium) dipicrate. 2006, 62, o5381-o5382 1,1?-Methylenebis(3-methylimidazolium) dipicrate. 2006, 62, o5619-o5620 Highly effective hydration of olefins using a wool-palladium complex as a catalyst. 2006, 17, 163-167 Continuous Synthesis of Tri- and Tetrasubstituted Imidazoles via a Multicomponent Reaction under	19
885 884 883	1,1?-Methylenebis(4-methyl-1H-triazolium) dipicrate. 2006, 62, o5381-o5382 1,1?-Methylenebis(3-methylimidazolium) dipicrate. 2006, 62, o5619-o5620 Highly effective hydration of olefins using a wool-palladium complex as a catalyst. 2006, 17, 163-167 Continuous Synthesis of Tri- and Tetrasubstituted Imidazoles via a Multicomponent Reaction under Microreactor Conditions. 2006, 25, 474-483	19 27
885 884 883 882	1,1?-Methylenebis(4-methyl-1H-triazolium) dipicrate. 2006, 62, o5381-o5382 1,1?-Methylenebis(3-methylimidazolium) dipicrate. 2006, 62, o5619-o5620 Highly effective hydration of olefins using a wool-palladium complex as a catalyst. 2006, 17, 163-167 Continuous Synthesis of Tri- and Tetrasubstituted Imidazoles via a Multicomponent Reaction under Microreactor Conditions. 2006, 25, 474-483 Synthesis and Characterization of Energetic 1,2-Bis(Oxyamino)Ethane Salts. 2006, 31, 196-204	19 27 10

877	Comparison of Extraction Capacities Between Ionic Liquids and Dichloromethane. 2006 , 34, 598-602	20
876	Synthesis of ∃-Hydroxy Esters by Glyoxylate-Ene Reaction in Lewis Acid Chloroaluminate Ionic Liquids. 2006 , 27, 197-199	6
875	One-Pot Synthesis of Dimethyl Carbonate Catalyzed by [bmim]BF4/CH3ONa. 2006, 27, 485-488	16
874	Separations of metal ions using ionic liquids: The challenges of multiple mechanisms. 2006 , 11, 188-193	67
873	Selective Oxidation of Styrene Catalyzed by Pd/Carboxyl-Appended Ionic Liquids. 2006, 27, 943-945	6
872	Effect of the polarity of the medium on the ionic radiation-induced polymerization of elemental (white) phosphorus. 2006 , 410, 189-191	6
871	Dye-sensitized nanocrystalline solar cells incorporating ethylmethylimidazolium-based ionic liquid electrolytes. 2006 , 9, 617-621	47
870	Effect of the modification of phenothiazine-labeled poly(ethylene oxide) on the solubility and enzymatic electrocatalytic reaction of glucose oxidase in water/1-butyl-3-methylimidazolium tetrafluoroborate mixtures. 2006 , 8, 45-50	8
869	Electrodeposition of palladiumIndium from 1-ethyl-3-methylimidazolium chloride tetrafluoroborate ionic liquid. 2006 , 51, 2607-2613	47
868	Effect of hydrophobic and hydrophilic organic salts on charge transfer polymerisation of styrene. 2006 , 42, 1830-1835	7
867	Effect of anion fluorination in 1-ethyl-3-methylimidazolium as solvent for the liquid extraction of ethanol from ethyl tert-butyl ether. 2006 , 242, 164-168	76
866	Comparison of lipase-catalyzed enantioselective esterification of ($\acute{-}$)-menthol in ionic liquids and organic solvents. 2006 , 97, 324-330	52
865	Ionic liquid as reaction medium for the synthesis and crystallization of a metal-organic framework: (BMIM)2[Cd3(BDC)3Br2] (BMIM = 1-butyl-3-methylimidazolium, BDC = 1,4-benzenedicarboxylate). 2006 , 9, 1227-1231	51
864	Markedly enhancing lipase-catalyzed synthesis of nucleoside drugs' ester by using a mixture system containing organic solvents and ionic liquid. 2006 , 16, 3769-71	35
863	Viscosity B-coefficients and standard partial molar volumes of amino acids, and their roles in interpreting the protein (enzyme) stabilization. 2006 , 122, 157-83	216
862	Electrochemical intercalation of lithium into a natural graphite anode in quaternary ammonium-based ionic liquid electrolytes. 2006 , 44, 203-210	195
861	Electrochemical behavior of C60 films and C60/lipid films in ionic liquids. 2006 , 44, 894-899	13
860	Electrochemical behavior of glassy carbon electrodes modified by multi-walled carbon nanotube/surfactant films in a buffer solution and an ionic liquid. 2006 , 44, 2664-2670	21

859	One step synthesis of Pd/C composite via a microwave-assisted ionic liquid method and its electrocatalytic characteristics. 2006 , 44, 3195-3198	22
858	Ionic liquids as solvents for biopolymers: Acylation of starch and zein protein. 2006 , 66, 546-550	244
857	Fluorescence determination of enantiomeric composition of pharmaceuticals via use of ionic liquid that serves as both solvent and chiral selector. 2006 , 356, 51-8	78
856	Analytical applications of room-temperature ionic liquids: a review of recent efforts. 2006 , 556, 38-45	648
855	Nafion membrane-supported ionic liquid B olid phase microextraction for analyzing ultra trace PAHs in water samples. 2006 , 557, 321-328	121
854	Monitor adsorption of acetone vapor to a room temperature ionic liquid 1-octyl-3-methylimidazolium bromide by a langasite crystal resonator. 2006 , 566, 19-28	6
853	The nature of catalytic activity and deactivation of chloroaluminate ionic liquid. 2006, 315, 128-134	32
852	Fixation and conversion of CO2 using ionic liquids. 2006 , 115, 61-69	174
851	Chemistry with weakly-coordinating fluorinated alkoxyaluminate anions: Gas phase cations in condensed phases?. 2006 , 250, 2721-2744	190
850	Purification of ethyl tert-butyl ether from its mixtures with ethanol by using an ionic liquid. 2006 , 115, 219-223	44
849	Accurate measurements of thermodynamic properties of solutes in ionic liquids using inverse gas chromatography. 2006 , 1102, 256-67	124
848	Ionic liquids versus triethylamine as mobile phase additives in the analysis of beta-blockers. 2006 , 1119, 202-8	97
847	Simultaneous determination of bioactive flavone derivatives in Chinese herb extraction by capillary electrophoresis used different electrolyte systemsborate and ionic liquids. 2006 , 1109, 300-6	44
846	Determination of solute partition behavior with room-temperature ionic liquid based micellar gas-liquid chromatography stationary phases using the pseudophase model. 2006 , 1115, 217-24	27
845	Analysis of baicalein, baicalin and wogonin in Scutellariae radix and its preparation by microemulsion electrokinetic chromatography with 1-butyl-3-methylimizolium tetrafluoborate ionic liquid as additive. 2006 , 1129, 304-7	36
844	Effect of ionic liquid on the polarity and size of the reverse micelles in supercritical CO2. 2006 , 279, 208-212	21
843	Intermolecular structure and dynamics in an ionic liquid: A CarParrinello molecular dynamics simulation study of 1,3-dimethylimidazolium chloride. 2006 , 417, 486-491	147
842	Polymer electrolytes containing ionic liquids with acidic counteranion (DMRImH2PO4, R = ethyl, butyl and octyl). 2006 , 425, 294-300	24

841	2D phase transition of PF6 adlayers at the electrified ionic liquid/Au(1 1 1) interface. 2006 , 427, 96-100	99
840	Fluorescence of dicyanovinyl julolidine in a room-temperature ionic liquid. 2006 , 426, 329-333	37
839	Anomalous dynamic behavior of ions and water molecules in dilute aqueous solution of 1-butyl-3-methylimidazolium bromide studied by NMR. 2006 , 427, 87-90	22
838	Evidence for mesoscopic local structures in ionic liquids: CARS signal spatial distribution of Cnmim[PF6] (n=4,6,8). 2006 , 427, 329-332	96
837	Novel ionic liquid supported synthesis of platinum-based electrocatalysts on multiwalled carbon nanotubes. 2006 , 8, 245-250	50
836	A new Lewis-base ionic liquid comprising a mono-charged diamine structure: A highly stable electrolyte for lithium electrochemistry. 2006 , 8, 445-449	44
835	Environmentally friendly and effective removal of Brand Clampurities in hydrophilic ionic liquids by electrolysis and reaction. 2006 , 8, 1270-1274	21
834	Electrochemical synthesis, characterization, and electrochromic properties of poly(3-chlorothiophene) and its copolymer with 3-methylthiophene in a room temperature ionic liquid. 2006 , 8, 1757-1763	67
833	Importance of poly(ethylene oxide)-modification and chloride anion for the electron transfer reaction of cytochrome c in 1-ethyl-3-methylimidazolium bis(trifluoromethanesulfonyl)imide. 2006 , 51, 3685-3691	13
832	Ionic liquids as electrolytes. 2006 , 51, 5567-5580	2096
832	Ionic liquids as electrolytes. 2006 , 51, 5567-5580 Proton conducting membrane containing room temperature ionic liquid. 2006 , 52, 1639-1644	2096 76
		ĺ
831	Proton conducting membrane containing room temperature ionic liquid. 2006 , 52, 1639-1644 X-ray photoelectron spectroscopy and low energy ion scattering studies on	76
831	Proton conducting membrane containing room temperature ionic liquid. 2006 , 52, 1639-1644 X-ray photoelectron spectroscopy and low energy ion scattering studies on 1-buthyl-3-methyl-imidazolium bis(trifluoromethane) sulfonimide. 2006 , 151, 4-8	76 147
8 ₃ 1 8 ₃ 0 8 ₂ 9	Proton conducting membrane containing room temperature ionic liquid. 2006 , 52, 1639-1644 X-ray photoelectron spectroscopy and low energy ion scattering studies on 1-buthyl-3-methyl-imidazolium bis(trifluoromethane) sulfonimide. 2006 , 151, 4-8 Prediction of the melting points for two kinds of room temperature ionic liquids. 2006 , 246, 137-142	76 147 71
831 830 829	Proton conducting membrane containing room temperature ionic liquid. 2006, 52, 1639-1644 X-ray photoelectron spectroscopy and low energy ion scattering studies on 1-buthyl-3-methyl-imidazolium bis(trifluoromethane) sulfonimide. 2006, 151, 4-8 Prediction of the melting points for two kinds of room temperature ionic liquids. 2006, 246, 137-142 Micropolarity and aggregation behavior in ionic liquid + organic solvent solutions. 2006, 248, 211-216 An experimental study of gas transport and separation properties of ionic liquids supported on	76 147 71 59
831 830 829 828	Proton conducting membrane containing room temperature ionic liquid. 2006, 52, 1639-1644 X-ray photoelectron spectroscopy and low energy ion scattering studies on 1-buthyl-3-methyl-imidazolium bis(trifluoromethane) sulfonimide. 2006, 151, 4-8 Prediction of the melting points for two kinds of room temperature ionic liquids. 2006, 246, 137-142 Micropolarity and aggregation behavior in ionic liquid + organic solvent solutions. 2006, 248, 211-216 An experimental study of gas transport and separation properties of ionic liquids supported on nanofiltration membranes. 2006, 280, 948-956	76 147 71 59

823	A remarkably rapid regioselective synthesis of the naminones using silica chloride in a heterogeneous as well as an ionic liquid in a homogeneous medium at room temperature. 2006 , 245, 37-46	44
822	Palladium catalysed hydroethoxycarbonylation in imidazolium-based ionic liquids. 2006 , 246, 59-64	25
821	N-Arylation of imidazoles, imides, amines, amides and sulfonamides with boronic acids using a recyclable Cu(OAc)2 ⁴ H2O/[bmim][BF4] system. 2006 , 249, 201-206	48
820	Highly active, hexabutylguanidinium salt/zinc bromide binary catalyst for the coupling reaction of carbon dioxide and epoxides. 2006 , 250, 30-34	82
819	N-methylpyrrolidine-2-one hydrotribromide: An efficient and new catalyst for the aziridination of alkenes using Chloramine-T under solvent free conditions. 2006 , 256, 16-20	9
818	Efficient Suzuki cross-coupling reactions using bulky phosphines. 2006 , 259, 35-40	37
817	Intramolecular imino-DielsAlder reactions in [bmim]BF4 ionic medium: Green protocol for the synthesis of tetrahydrochromanoquinolines. 2006 , 258, 361-366	25
816	Conductivity of ionic liquids in mixtures. 2006 , 123, 43-50	162
815	Vibrational spectra of imidazolium tetrafluoroborate ionic liquids. 2006 , 124, 84-95	241
814	Extraction of fission palladium by Aliquat 336 and electrochemical studies on direct recovery from ionic liquid phase. 2006 , 81, 30-39	108
813	Synthesis and structural analysis of palladium biscarbene complexes derived from bisimidazolium ligand precursors. 2006 , 359, 1929-1938	53
812	Structure and catalytic activity of rhodium(I) carbene complexes in polymerization of phenylacetylene. 2006 , 359, 2835-2841	17
811	N-Heterocyclic carbenes: Effective organic catalysts for living polymerization. 2006 , 47, 4018-4025	130
810	Activated pyridinium-tagged ruthenium complexes as efficient catalysts for ring-closing metathesis. 2006 , 691, 5397-5405	69
809	Protonation of N-heterocyclic carbene ligand coordinated to copper(I): Coordination mode of imidazolium cation as a function of counterion as determined by solid-state structures. 2006 , 691, 5988-5993	19
808	Excitation wavelength dependent fluorescence behavior of the room temperature ionic liquids and dissolved dipolar solutes. 2006 , 182, 113-120	109
807	Ionic liquidpolymer gel electrolytes based on morpholinium salt and PVdF(HFP) copolymer. 2006 , 155, 385-390	79
806	Application of 1-ethyl-3-methylimidazolium thiocyanate to the electrolyte of electrochemical double layer capacitors. 2006 , 162, 1444-1450	56

(2021-2006)

805	ESR-spectroscopy in ionic liquids: Dynamic linebroadening effects caused by electron-self exchange reactions within the methylviologene redox couple. 2006 , 63, 821-5	33
804	All-solid-state miniaturised planar reference electrodes based on ionic liquids. 2006 , 115, 552-557	70
803	Electrochemically-induced reactions of hexafluorophosphate anions with water in negative ion electrospray mass spectrometry of undiluted ionic liquids. 2006 , 17, 939-944	20
802	Microregion detection of ionic liquid microemulsions. 2006 , 301, 612-6	95
801	Volumetric and compressibility behaviour of ionic liquid, 1-n-butyl-3-methylimidazolium hexafluorophosphate and tetrabutylammonium hexafluorophosphate in organic solvents at T=298.15 K. 2006 , 38, 624-633	70
800	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. 2006 , 38, 1124-1129	23
799	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. 2006 , 38, 1377-1384	130
798	Extractive distillation. 2022 , 65-154	
797	Apparent molar volumes of ILs [EmimNTf2], [BmimNTf2], and [BmmimNTf2] in DEC and PEGMME solvents. 2022 , 164, 106638	1
796	Ionic liquids: prospects for nucleic acid handling and delivery. 2021 , 49, 1201-1234	7
795	Pseudo-solid-state electrolytes utilizing the ionic liquid family for rechargeable batteries.	9
794	Direct observation of the double-layering quantized growth of mica-confined ionic liquids. 2021 , 13, 17961-17971	O
793	Dissolution behavior of precious metals and selective palladium leaching from spent automotive catalysts by trihalide ionic liquids 2021 , 11, 10110-10120	2
792	Heterocycles-based ionic liquidBupported synthesis of small organic molecules. 2021 , 365-392	
791	Ionic Liquid-Mediated Synthesis of Metal Nanoparticles. 2021 , 1832-1853	
790	Tactile sensors based on ionic liquids. 2021 , 219-243	1
789	Dynamic crossover in [VIO2+][Tf2N]D ionic liquid. 2021 , 30, 016105	
788	Self-assembly of an imidazolium surfactant in aprotic ionic liquids. 2. More than solvents. 2021 , 17, 3494-3502	2

787	Aqueous ionic liquids redistribute local enzyme stability via long-range perturbation pathways. 2021 , 19, 4248-4264	6
786	The Fundamental perspectives of greener synthesis. 2021 , 3-36	O
7 ⁸ 5	Manganese Fluoride Nanoparticles Synthesized by Microwave Irradiation Using Ionic LiquidEthylene Glycol Mixtures: Room-Temperature Photoluminescence, Crystalline Phase, and Morphology. 2021 , 21, 1406-1412	3
784	Eco-friendly and sustainable processing of wood-based materials. 2021, 23, 2198-2232	19
783	Crucial Challenges and Recent Optimization Progress of MetalBulfur Battery Electrolytes. 2021 , 35, 1966-1988	14
782	Palladium-catalyzed bisthiolation of terminal alkynes for the assembly of diverse ()-1,2-bis(arylthio)alkene derivatives 2021 , 11, 28447-28451	O
781	Ionic liquid glasses: properties and applications. 2021 , 90,	1
780	Preparation of 1-Butyl-3-Methyl Imidazolium-Based Room Temperature Ionic Liquids. p. 236-p. 236	35
779	New Light on the Chemistry of the Group 13 Metals. 1-74	2
778	Liquid Crystalline Ionic Liquids. 375-392	7
777	Application of 1-Methylimidazolium Hydrogen Sulfate Ionic Liquid to the Oxidative Leaching of Copper and Zinc in Industrial Brass Dross. 209-215	1
776	Transition-Metal Complexes in Supported Liquid Phase and Supercritical Fluids 🖪 Beneficial Combination for Selective Continuous-Flow Catalysis with Integrated Product Separation. 273-296	2
775	Copper-immobilized ionic liquid as an alternative to organic solvents in the one-pot synthesis of bioactive dihydropyrano[2,3-c]pyrazole derivatives. 2020 , 34, e5757	8
774	Solvent- and Catalyst-Free Carbon Dioxide Capture and Reduction to Formate with Borohydride Ionic Liquid. 2020 , 13, 2025-2031	14
773	GENERAL PROPERTIES OF IONIC LIQUIDS AS ELECTROLYTES FOR CARBON-BASED DOUBLE LAYER CAPACITORS. 2006 , 73-83	1
772	The Minimization and Prevention of Pollution; Green Chemistry. 2007 , 296-323	1
771	Green Chemical Engineering Based on Ionic Liquids. 2019 , 667-690	1
770	Commercial Aspects of Biomass Deconstruction with Ionic Liquids. 2020 , 87-127	6

(2003-2020)

769	Thin Film Lubrication, Lubricants and Additives. 2020 , 33-75	0
768	Ionic Liquids Usage in Oil and Gas Industry. 2021 , 1-16	1
767	CompChem and NMR Probing Ionic Liquids. 2014 , 97-126	4
766	Ion-Based Liquid Crystals: From Well-Defined Self-Organized Nanostructures to Applications. 2014 , 281-299	1
765	Magnetic-Metallic Nanostructures for Biological Applications. 2015 , 175-203	2
764	Gel-Immobilized Colloidal Photonic Crystals with Tunable Properties. 2015 , 431-450	1
763	Ionic Liquids and Relative Process Design. 2009 , 143-191	7
762	Fluorescence Probing of the Physicochemical Characteristics of the Room Temperature Ionic Liquids. 2011 , 65-89	3
761	Effects of Ionic Liquid and Liposomes on the Structure, Stability, and Function of Nucleic Acids. 2014 , 57-74	1
760	Extraction of Alcohols, Phenols, and Aromatic Compounds with ABS. 2016 , 135-159	1
759	Ion Gels for Ionic Polymer Actuators. 2014 , 141-156	1
758	Actinide Separation Science and Technology. 2010 , 2622-2798	6
757	Fundamentals of Ionic Liquids. 2014 , 3-28	2
756	Solubilization of Biomass Components with Ionic Liquids Toward Biomass Energy Conversions. 2014 , 29-59	2
755	Catalytic Transformation of Biomass in Ionic Liquids. 2014 , 195-222	1
754	Ruthenium Carbenes as Catalysts for Alkene Metathesis. 2003 , 23-42	2
753	Ionic Liquids in the Nuclear Industry. 2003 , 209-226	5
752	Potential to Apply Ionic Liquids in Industry. 2003 , 29-47	8

751	Photochemistry in Ionic Liquids. 2003 , 365-383	1
750	Ionic Liquids as Solvents for Organic Synthesis. 2003 , 457-464	1
749	Ionic Liquids as Alternatives to Traditional Organic and Inorganic Solvents. 2003, 105-127	4
748	Room Temperature Ionic Liquids as Replacements for Traditional Organic Solvents and Their Applications Towards G reen Chemistry I In Separation Processes. 2003 , 137-156	8
747	Application of Room-Temperature Ionic Liquids to the Chemical Processing of Biomass-Derived Feedstocks. 2003 , 157-171	2
746	Ionic Liquids IThe Combinatorial Challenge. 2000 , 393-395	2
745	Polymerized Ionic Liquids as Antimicrobial Materials. 2021 , 87-126	1
744	Alkylboron and -silicon Compounds. 2005 , 485-530	1
743	Selecting Ionic Liquids to Enhance and Control Reaction Outcomes. 2018,	5
742	Processing of wet Kinnow mandarin (Citrus reticulata) fruit waste into novel Brînsted acidic ionic liquids and their application in hydrolysis of sucrose. 2018 , 250, 621-624	15
741	Synthesis and antimicrobial evaluation of N1-benzyl/butyl-2-methyl-4-nitro-3-imidazolium 3Ethloroperoxy benzoates. 2020 , 28, 100406	3
740	Spectroscopic and thermodynamic studies on binding behaviour of an ionic liquid, 2?,3?-Epoxypropyl-N-methyl-2-oxopyrrolidinium acetate, with bovine serum albumin (BSA). 2020 , 601, 124954	3
739	Multi-component hybrid soft ionogels for photoluminescence tuning and sensing organic solvent vapors. 2018 , 513, 133-140	19
738	Synthesis of free-standing poly(ionic liquid) bearing 1,2,3-triazole group for the adsorptive elimination of Cr6+from aqueous solution. 2020 , 8, 104084	3
737	Experimental and modelling studies on thermodynamic methane hydrate inhibition in the presence of ionic liquids. 2018 , 249, 886-891	47
736	Thermal decomposition mechanisms of some amino acid ionic liquids: Molecular approach. 2020 , 302, 112505	4
735	Physicochemical and thermodynamic properties of pyrrolidinium-based ionic liquids and their binary mixtures with carboxylic acids. 2020 , 310, 113183	3
734	Syntheses of aromatic polymers containing imidazolium moiety and the surface modification of a highly gas permeable membrane using the nanosheets. 2018 , 135, 142-153	8

733	Higher-Order Structure of Human Chromosomes Observed by Electron Diffraction and Electron Tomography. 2021 , 27, 149-155	2
732	Low- to Room-Temperature Dehydrogenation of Dimethylamine Borane Facilitated by Ionic Liquids: Molecular Modeling and Experimental Studies. 2020 , 34, 13167-13178	4
731	Molecular Dynamics Simulations of Metal/Molten Alkali Carbonate Interfaces. 2017, 121, 17827-17847	8
730	Synthesis of Surface-Active Heteropolyacid-Based Ionic Liquids and Their Catalytic Performance for Desulfurization of Fuel Oils. 2020 , 5, 31171-31179	4
729	CHAPTER 12:Other Approaches and the Commercialisation of Sustainable Carbonaceous Material Technology. 2015 , 377-406	1
728	Chapter 10:Electrochemical Detection Using Ionic Liquids. 2015 , 341-386	2
727	Chapter 4:Ionic Liquid Electrolytes for Graphene-based Supercapacitors with an Ultrahigh Energy Density. 2019 , 95-128	1
726	Chapter 5:Green Procedures for the Synthesis of Useful Molecules Avoiding Hazardous Solvents and Toxic Catalysts. 2009 , 186-219	5
725	Ultra-low fouling alkylimidazolium modified surfaces for the detection of HER2 in breast cancer cell lysates [corrected]. 2017 , 142, 2343-2353	16
724	Development of a microwave-assisted sustainable conversion of furfural hydrazones to functionalised phthalimides in ionic liquids 2018 , 8, 22617-22624	9
723	Effect of ionic liquid on the fluorescence of an intramolecular exciplex forming probe. 2020 , 19, 251-260	3
722	Ionic liquid lubricants: when chemistry meets tribology. 2020 , 49, 7753-7818	75
721	Precise synthesis of amphiphilic diblock copolymers consisting of various ionic liquid-type segments and their influence on physical gelation behavior in water 2020 , 10, 42378-42387	2
720	Influence of the reaction time on the physicalthemical and catalytic properties of vanadium phosphate catalysts prepared by a eutectic mixture. 2019 , 14, 1126-1130	1
	On the adsorption of n-butane on alkyl imidazolium ionic liquids with different anions using a new	
719	molecular beam setup. 2020 , 153, 214706	1
719		4
	molecular beam setup. 2020 , 153, 214706 Solubility of Cellulose in Binary Mixtures of 1-Alkyl-3-methylimidazolium Acetate and Dimethyl	

715	2-(4-Bromo-phen-yl)-1-pentyl-4,5-diphenyl-1H-imidazole. 2013 , 69, o1417	2
714	1-Benzyl-3-methylimidazolium bromide. 2020 , 5,	1
713	Self-Assembly of Phase-Segregated Liquid Crystal Structures. 2002 , 295, 2414-2418	130
712	New Trisubstituted Imidazolium-Based Room Temperature Ionic Liquids. 2006 , 71, 1265-1269	1
711	One-Pot Synthesis and the Integration of Chemical and Biocatalytic Conversions. 2005, 419-428	1
710	Macromolecules in the Condensed State. 2014 , 217-236	1
709	Biginelli reaction catalyzed by copper nanoparticles. 2012 , 7, e43078	26
708	Isolation and characterisation of 1-alkyl-3-methylimidazolium chloride ionic liquid-tolerant and biodegrading marine bacteria. 2013 , 8, e60806	30
707	Highly Conductive Polymer Electrolytes Constructed from Polymerizable Ionic-Liquid and Inorganic Cluster. 2019 , 44, 101-107	3
706	Preparation of kraft lignin-based activated carbon fiber electrodes for electric double layer capacitors using an ionic liquid electrolyte. 2020 , 74, 577-588	3
705	Modulations in Self-Organization Properties of Surfactant in Aqueous Ionic Liquid Media. 2020 , 234, 1603-162	18
704	Extraction of americium(III) from nitric acid medium by CMPO-TBP extractants in ionic liquid diluent. 2009 , 97, 719-725	38
703	Extraction of americium(III) from nitric acid medium by CMPO-TBP extractants in ionic liquid diluent. 2009 , 97, 719-725	5
702	Ionic liquids and thermosetting polymers: a critical survey. 2018 , 40, 3-15	1
701	Dynamic Viscoelastic Properties of Dilute Pullulan Ionic Liquids Solutions. 2017, 45, 133-138	2
700	Thermal stability of imidazolium-based ionic liquids. 2016 , 4, 51-64	12
699	Ionic Liquid-Like Pharmaceutical Ingredients and Applications of Ionic Liquids in Medicinal Chemistry: Development, Status and Prospects. 2019 , 26, 5947-5967	11
698	Ionic Liquids for the Synthesis of Five-Membered N,N-, N,N,N- and N,N,N,NHeterocycles. 2019 , 23, 1214-1238	26

697	Ionic Liquids in Agrochemistry. 2020 , 24, 1181-1195	3
696	Electrochemistry and new materials. 2004 , 58, 280-285	1
695	Corrosion of steel in ionic liquids. 2003 , 39, 81-91	40
694	Extraction of rubidium and cesium from brine solutions using a room temperature ionic liquid system containing 18-crown-6. 2018 , 20, 40-46	7
693	Measurements of Thermal Conductivity of 1-Buty1-3-methylimidazolium Tetrafluoroborate at High Pressure. 2006 , 20, 173-178	7
692	Functional Design of Polar Ionic Liquids for the Challenge to the Biomass Energy Conversion. 2013 , 56, 97-103	1
691	Phase Behavior and Solubilization of Microemulsions Containing C16mimBr with Different Oil-Water Ratios. 2017 , 54, 419-426	3
690	Electrohydrodynamic emitters of ion beams. 2020 , 190, 1293-1333	1
689	Editorial: Properties and Applications of Ionic Liquids in Energy and Environmental Science. 2020, 8, 627213	4
688	Synthesis of 1,5-Functionalized 1,2,3-Triazoles Using Ionic Liquid/Iron(III) Chloride as an Efficient and Reusable Homogeneous Catalyst. 2018 , 8, 364	24
687	Multi-Interactions in Ionic Liquids for Natural Product Extraction. 2020 , 26,	4
686	'LIVING' RADICAL POLYMERIZATION OF METHYL METHACRYLATE IN [mim][HCOO] IONIC LIQUID SYSTEM. 2006 , 006, 549-552	4
685	SOLVENT-FREE PREPARATION AND CHARACTERIZATION OF POLYANILINE DOPED WITH BRNSTED ACIDIC IONIC LIQUIDS. 2009 , 009, 385-389	3
684	SYNTHESIS OF POLY(HEXAMETHYLENE TEREPHTHALAMIDE) IN IONIC LIQUIDS AND CHARACTERIZATION. 2009 , 009, 459-464	3
683	FORMATION MECHANISM OF IONIC LIQUID-RECONSTITUTED CELLULOSE HYDROGELS AND THEIR APPLICATION IN GEL ELECTROPHORESIS. 2011 , 011, 1026-1032	3
682	Applications of ionic liquids in chromatographic analysis and determination of ionic liquids by chromatography. 2013 , 28, 14-22	4
681	Molecular Dynamics Study of [C10mim][Br] Aggregation. 2012 , 36, 873-876	2
680	Generation of Superoxide Ion in Trihexyl (Tetradecyl) Phosphonium bis (Trifluoromethylsulfonyl)	22

679	Planar-Chiral Ionic Liquids. Cyclophane-Type Imidazolium Salts with a C(2)-C(4) Bridge. 2005 , 66, 263	14
678	Ionic Liquid in Organic Synthesis: The Pictet-Spengler Reaction. 2006 , 68, 1651	5
677	Solvation Effects on Imidazolium Salts That Contain Alkyl Side Chains. 2007, 71, 589	6
676	Biomimetic Aromatization of Hantzsch 1,4-Dihydropyridines by S-S Bonds under Mild Conditions. 2007 , 71, 2027	2
675	Reactivity and Efficient Recycling of a Chiral Pd-BINAP Catalyst for Catalytic Asymmetric Diels-Alder Reaction in Ionic Liquid. 2009 , 77, 1323	5
674	Chiral Cationic Pd-Phosphinooxazolidine Catalysts for a Highly Efficient Asymmetric Diels-Alder Reaction in Ionic Liquids. 2008 , 76, 381	8
673	A Simple N-Substitution of Pyrrole and Indole Using Basic Ionic Liquid [BmIm][OH] as Catalyst and Green Solvent. 2009 , 78, 2013	3
672	Design of Reaction Media for Nucleophilic Substitution Reactions by Using a Catalytic Amount of an Amphiphilic Imidazolium Salt in Water. 2010 , 80, 989	4
671	Desulphurization of Fuel Oils Using Ionic Liquids. 2016 , 254-284	3
670	Adsorption by Liquid-Liquid Extraction of Hg(II) from Aqueous Solutions Using the 2-Butyl-imidazolium Di-(2-ethylhexyl) Phosphate as Ionic Liquid. 2013 , 04, 40-47	7
669	Preparation of \Box -Bromoketones and Thiazoles from Ketones with NBS and Thioamides in Ionic Liquids. 2011 , 01, 54-62	16
668	Oligoalkylnaphthenic (C₆-C₁₂) Oils Obtained in the Presence of Ti-Containing Ionic-Liquid Catalysts. 2013 , 03, 18-26	2
667	Photo-Induced Reduction Reaction of Methylene Blue in an Ionic Liquid. 2011 , 01, 158-161	7
666	Asymmetric Reductive Amination of Carbonyl Compounds by Using<i> N,N,N</i>-Tributylpropanaminium Based Novel Chiral Ionic Liquid. 2013 , 03, 190-193	2
665	Scientific specialties in Green Chemistry. 2020 , 1, 005	2
664	Ytterbium(III) Triflate-Catalyzed One-Pot Mannich-Type Reaction in Ionic Liquid. 2002 , 23, 1367-1368	16
663	Microwave-assisted Kabachnik-Fields Reaction in Ionic Liquid. 2002, 23, 667-668	35
662	Chemical Fixation of Carbon Dioxide to Propylene Carbonate in Ionic Liquids. 2002 , 23, 1027-1028	18

(2010-2004)

661	A Unique Zigzag Strand of Silver Perchlorate with Bis(3-pyridyl)cyclotetramethylenesilane. 2004 , 25, 581-583	6
660	Facile Preparation of Trimethylsulfonium Bromide. 2005 , 26, 1491-1492	3
659	Efficient Preparations of ⊞-Azidoketones and ⊞-Thiocyanatoketones via ⊞-Sulfonyloxy Aryl Ketone Intermediates in Ionic Liquid. 2005 , 26, 1493-1494	5
658	An Efficient Synthesis of 2-Alkyl-4-hydroxy-2H-1,2-benzothiazine-3-carboxamide-1,1-dioxides. 2005 , 26, 1771-1775	69
657	Aromatic Fluorination by Decomposition of Triazenes in Ionic Liquids. 2005 , 26, 599-602	11
656	Significant Improvement of Catalytic Efficiencies in Ionic Liquids. 2005 , 26, 1321-1330	27
655	Ionic Liquids: An Environmentally Friendly Media for Nucleophilic Substitution Reactions. 2006 , 27, 345-354	39
654	Asymmetric Electrophilic Fluorination of 跃eto Phosphonates in Ionic Liquid Media Catalyzed by Chiral Palladium Complexes. 2006 , 27, 423-425	43
653	Synthesis and Properties of Ionic Liquids:Imidazolium Tetrafluoroborates with Unsaturated Side Chains. 2006 , 27, 847-852	82
652	Solvent-free Carboxylation of Styrene Oxide: Enhanced Reactivity of Quaternary Onium Salts in Ionic Liquid-CO2System. 2007 , 28, 1060-1062	10
651	Synthesis and Physicochemical Properties of Ionic Liquids: 1-Alkenyl-2,3-dimethylimidazolium Tetrafluoroborates. 2007 , 28, 1562-1566	24
650	Synthesis and Properties of Pyrrolidinium and Piperidinium Bis(trifluoromethanesulfonyl)imide Ionic Liquids with Allyl Substituents. 2007 , 28, 1567-1572	67
649	Microwave-Assisted Synthesis of 3-Styrylchromones in Alkaline Ionic Liquid. 2009, 30, 2883-2886	31
648	1-Butyl-3-Methyl Imidazolium Hydrogen Sulphate Promoted One-Pot Three-Component Synthesis of Amidoalkyl Naphthols. 2009 , 30, 2887-2889	29
647	1-Benzyl-3-Methyl Imidazolium Hydrogen Sulphate [bnmim][HSO4] Promoted Synthesis of \square -Aminophosphonates. 2009 , 30, 1054-1056	20
646	Use of an Ionic Liquid as a Co-solvent for Recyclable Pd/C-mediated N-Debenzylation. 2010 , 31, 735-738	1
645	Solubility of Carbon Dioxide in Strongly Basic Ionic Liquid. 2010 , 31, 2797-2800	4
644	The Preparation of Non-aqueous Supercapacitors with Lithium Transition-Metal Oxide/Activated Carbon Composite Positive Electrodes. 2010 , 31, 3183-3189	9

643	Mixed Electrolytes of Organic Solvents and Ionic Liquid for Rechargeable Lithium-Ion Batteries. 2010 , 31, 3190-3194	36
642	Influence of Ionic Liquid as a Template on Preparation of Porous BAl2O3to DME Synthesis from Methanol. 2010 , 31, 1628-1632	2
641	Effects of Ion and Protic Solvent on Nucleophilic Aromatic Substitution (SNAr) Reactions. 2010, 31, 2571-2574	11
640	Effect of Ionic Liquids with Different Cations in I-/I3-Redox Electrolyte on the Performance of Dye-sensitized Solar Cells. 2011 , 32, 2058-2062	8
639	Ultrasonic Extraction of Phenolic Compounds from Laminaria japonica Aresch Using Ionic Liquid as Extraction Solvent. 2011 , 32, 2212-2216	27
638	Intramolecular Cycloalkylation of Pyrrole in Ionic Liquids and Immobilized Ionic Liquids. 2011 , 32, 3130-3132	4
637	Very Efficient Nucleophilic Aromatic Fluorination Reaction in Molten Salts: A Mechanistic Study. 2012 , 33, 881-884	5
636	Polymer Support Immobilized Acidic Ionic Liquid: Preparation and Its Application as Catalyst in the Synthesis of Hantzsch 1,4-Dihydropyridines. 2012 , 33, 2140-2144	18
635	Equimolar Carbon Dioxide Absorption by Ether Functionalized Imidazolium Ionic Liquids. 2012 , 33, 2325-2332	12
634	Acridine Fluorescence Behaviors in Different Polymeric Microenvironments Directed by C2-Proton-Acidity of Imidazolium-Based Ionic Liquids. 2012 , 33, 2489-2493	9
633	Single-walled Carbon Nanotube-triethylammonium Ionic Liquid as a New Catalytic System for Michael Reaction. 2014 , 35, 3035-3040	3
632	Porphyrin Preparation Utilizing Sulfonated Ionic Liquid and Control of Cation-Anion Interaction in Ionic Liquids. 2009 , 67, 833-842	1
631	Development of Carbazole Dyes for Efficient Molecular Photovoltaics. 2010 , 68, 399-408	2
630	Conducting and interface characterization of carbonate-type organic electrolytes containing EMImBF4as an additive against activated carbon electrode. 2015 , 16, 51-56	3
629	Ion conducting properties of imidazolium salts with tri-alkyl chains in organic electrolytes against activated carbon electrodes. 2016 , 17, 70-73	3
628	??????????. 2002 , 70, 136-140	9
627	??????????. 2002 , 70, 140-144	18
626	??????(?????)???????. 2002 , 70, 46-50	13

625	Physical and Electrochemical Properties of a Room Temperature Molten Salt: 1-ethyl-2,3-dimethylimidazolium Fluorohydrogenate. 2005 , 73, 730-732	10
624	Extraction of Carboxylic Acids from Hydrocarbon Mixture Using Imidazolium Ionic Liquids. 2012 , 243-247	3
623	Thermal and Electrochemical Stability of Morpholinium Ionic Liquids. 2012 , 50, 702-707	2
622	Biocatalysis in ionic liquids: state-of-the-union. 2021 , 23, 8406-8427	5
621	An expeditious and highly efficient synthesis of substituted pyrroles using a low melting deep eutectic mixture. 2021 , 19, 9732-9745	7
620	n -Butanol: An Ecologically and Economically Viable Extraction Solvent for Isolating Polar Products from Aqueous Solutions.	Ο
619	Experimental Evidence of Long-Lived Electric Fields of Ionic Liquid Bilayers. 2021, 143, 17431-17440	7
618	Dicationic-Type Quaternary Ammonium Salts as Candidates of Desiccants for an Air-Conditioning System. 2021 , 9, 14502-14514	2
617	Mechanistic Insight on BioIL-Induced Structural Alterations in DMPC Lipid Bilayer. 2021 , 125, 11955-11966	2
616	Novel Bio-Based Amphiphilic Ionic Liquids for the Efficient Demulsification of Heavy Crude Oil Emulsions. 2021 , 26,	3
615	Arrested Coalescence of Ionic Liquid Droplets: A Facile Strategy for Spatially Organized Multicompartment Assemblies. 2021 , 17, e2104385	О
614	Physicochemical studies of L-valine and L-isoleucine in aqueous solutions of [Emim][HSO4] at different temperatures. 2021 , 344, 117821	
613	Hydrogen-Bonding-Mediated Selective Hydrogenation of Aromatic Ketones over Pd/C in Ionic Liquids at Room Temperature. 2021 , 9, 14216-14223	Ο
612	Biosafety-inspired structural optimization of triazolium ionic liquids based on structure-toxicity relationships. 2021 , 424, 127521	1
611	Deep Eutectic Solvents: Green Approach for Cathode Recycling of Li-Ion Batteries. 2100133	4
610	SO2 capture by tricyanomethanide ionic liquids: Unraveling anion-gas interactions by resonance Raman spectroscopy. 2021 , 784, 139106	1
609	Beware of proper validation of models for ionic Liquids!. 2021 , 344, 117722	3
608	Introduction. 2002 , 1-10	

607	Synthesis and Catalysis in Room-Temperature Ionic Liquids. 2002 , 345-355
606	Ionic Liquids and Supercritical Co2. 2003 , 403-418
605	Control of charge transfer and interface structures in nano-structured dye-sensitized solar cells. 2003 , 83-104
604	Versatile Ionic Liquids as Green Solvents. 2004 , 232-239
603	Towards High Temperature Actuation Using Graphite Intercalation Compounds. 2005,
602	Recent Developments in Soft Materials Containing Ionic Liquids. 2006 , 33, 41-49
601	Liquid-Crystalline Formation and Functionalization of Ionic Liquids through Self-Organization Processes. 2007 , 28, 318-321
600	IV-SFG and MAES Studies The Surface Structure of Ionic Liquids at Room Temperature. 2007 , 28, 304-310
599	© reener Shade of Ruthenium ENew Concepts of Activation, Immobilization, and Recovery of Ruthenium Catalysts For Green Olefin Metathesis. 2007 , 167-183
598	Microwave Technology in Process Optimization. 2007 , 403-426
597	Chemical Applications. 2008, 321-352
596	Production of Recombinant Proteins by In Vitro Folding. 1245
595	Chemical Bonding in Condensed Phases. 2008 , 118-139
594	State-of-the-Art and Typical Reactions. 346-402
593	Introduction. 606-629
592	Regulating Ion-Radical Organic Reactions. 2008, 271-321
591	Study of Wear and Corrosion Properties of Coated Ionic Liquid. 2009 , 413-416
590	FUNCTIONALIZATION OF 7-OXANORBORNENE AND ITS RING-OPENINGMETATHESIS POLYMERIZATION. 2009 , 007, 383-388

(2012-2010)

589	Molecular Assemblies of Surfactants Formed in Room Temperature Ionic Liquids. 2010 , 10, 179-185	1
588	Ionic Liquids Derivative of 1H-Imidazole as Novel Reagents, Catalysts and Solvents. 2010 , 5, 36-56	4
587	3,3-Dimethyl-1,1-(propane-1,3-di-yl)diimidazol-1-ium tetra-bromido-cadmate(II). 2010 , 66, m1080-1	
586	Ionic Liquids in Metal Catalyzed Reactions.	
585	Low-Temperature Synthesis and Characterization of AlPO-Cristobalite in Ionic Liquid. 2010 , 31, 776-780	1
584	The Cooperative Templating Effect of Organic Amine in the Ionothermal Syn-thesis of LTA Type Aluminophosphate Molecular Sieves. 2010 , 31, 1083-1089	4
583	10.2478/s11814-009-0163-1. 2011 , 26, 985	
582	10.2478/s11814-009-0188-5. 2011 , 26, 1130	
581	Synthesizing of Ionic Liquids from Different Chemical Reactions. 2011 , 1, 246-252	1
580	Neutralized Amines. 293-300	
580 579	Neutralized Amines. 293-300 Redox Reaction of Proteins. 193-201	
579	Redox Reaction of Proteins. 193-201	1
579 578	Redox Reaction of Proteins. 193-201 Zwitterionic Liquid/Polymer Gels. 403-408 Catalytic Performance of Imidazolide Basic Ionic Liquid in Knoevenagel Reactions in Aqueous	1
579 578 577	Redox Reaction of Proteins. 193-201 Zwitterionic Liquid/Polymer Gels. 403-408 Catalytic Performance of Imidazolide Basic Ionic Liquid in Knoevenagel Reactions in Aqueous Media. 2011, 32, 693-698 Imidazolium-Based Ionic Liquid Functional Materials and Their Application to Electroanalytical	1
579 578 577 576	Redox Reaction of Proteins. 193-201 Zwitterionic Liquid/Polymer Gels. 403-408 Catalytic Performance of Imidazolide Basic Ionic Liquid in Knoevenagel Reactions in Aqueous Media. 2011, 32, 693-698 Imidazolium-Based Ionic Liquid Functional Materials and Their Application to Electroanalytical Chemistry. 2011, 145-181	1
579 578 577 576 575	Redox Reaction of Proteins. 193-201 Zwitterionic Liquid/Polymer Gels. 403-408 Catalytic Performance of Imidazolide Basic Ionic Liquid in Knoevenagel Reactions in Aqueous Media. 2011, 32, 693-698 Imidazolium-Based Ionic Liquid Functional Materials and Their Application to Electroanalytical Chemistry. 2011, 145-181 Photochemistry in Ecosustainable Syntheses. 2012, 213-235 Morphology Effect on Electrocatalytic Activity of TiO2Spheres Synthesized by Binary Ionic Liquids	1

571	Encyclopedia of Tribology. 2013 , 1866-1866
570	Nanotribology and Wettability of Molecularly Thin Film. 2013 , 81-110
569	Introduction and Motivation. 2013 , 1-7
568	(1S,2S,5S)-2-Methyl-3-oxo-5-(prop-1-en-2-yl)cyclo-hexane-1-carbo-nitrile. 2013 , 69, o799
567	Ionic Liquids for Hydrogen Storage: Opportunities for Organometallic Chemistry. 529-541
566	Preparation of Ag/TiO2Particle for Aerobic Benzyl Alcohol Oxidation. 2013 , 24, 663-667
565	Biological Polyelectrolytes: Solutions, Gels, Intermolecular Complexes and Nanoparticles. 2014 , 113-182
564	Radiation Induced Reactions and Fragmentation in Room Temperature Ionic Liquids. 2014 , 453-485
563	Homogeneous Catalysis Promoted by Carbon Dioxide. 2014 , 337-368
562	Encyclopedia of Applied Electrochemistry. 2014 , 1106-1111
561	Encyclopedia of Applied Electrochemistry. 2014 , 793-797
560	Alkylation in Petroleum Processing. 2014 , 1-17
559	CO2 Effl ux from Cleared Mangrove Peat. 2014 , 291-300
558	Influence of the Cation Parts of Imidazolium Hexafluorophosphate on Synthesis of Pd/C Particles as a HFP Hydrogenation Catalyst. 2014 , 25, 249-253
557	Green Procedure for the Preparation of Bis (3-methylimidazolium) Cation-Based Ionic Liquids. 2014 , 20, 123-129
556	Interaction of Conjugated Conducting Polymer with Ionic Liquids. 2014 , 31, 337-344
555	Poly(ionic liquid)s: Designing CO2 Separation Membranes. 2015 , 267-295
554	Application of 1-Methylimidazolium Hydrogen Sulfate Ionic Liquid to the Oxidative Leaching of Copper and Zinc in Industrial Brass Dross. 2015 , 209-215

553	Polymeric imidazoles and imidazoliums in Nanomedicine: Comparison to Ammoniums and Phosphoniums. 2015 , 231-266	1
552	Antimicrobial properties and toxicity of imidazolium ionic liquids and their complexes with wyclodextrin. 2015 , 107-113	
551	Preparation of Pd/TiO2 Catalyst Using Room Temperature Ionic Liquids for Aerobic Benzyl Alcohol Oxidation. 2015 , 26, 351-355	
550	Biomimetic Catalysis in Ionic Liquids: Markedly Enhanced Enantioselectivity in Amino Acid-Catalyzed Directed Asymmetric Aldol Reactions. 2015 , 8, 107-110	
549	Lipase-Catalyzed Reactions in Nonaqueous Media. 2015 , 83-112	
548	Catalysis at Room Temperature: Perspectives for Future Green Chemical Processes. 209-231	
547	Peptide Synthesis in Ionic Liquids (PEPSIL): All You Need is in the Toolbox!. 2016 , 4, 3-13	
546	Catalysis with Room Temperature Ionic Liquids Mediated Metal Nanoparticles. 2016 , 285-329	
545	(N-{Amino[(diaminomethylidene)amino]methylidene}-N-methylmethanaminium)tribromidozinc(II). 2016 , 1,	
544	Influence of Cation Part of Ionic Liquids on Silver Particle Structure. 2016 , 27, 551-554	
543	Introduction. 2017 , 1-12	
542	CHAPTER 9:Applications of Ionic Liquid Materials in Microfluidic Devices. 2017 , 234-271	
541	CHAPTER 1:Polymerization in Ionic Liquids. 2017 , 1-22	1
540	Metal Ion Separation with Functional Adsorbents and Phytoremediation Used as Sustainable Technologies. 2017 , 284-312	
539	Alkyl Thiophene Vinylene Electropolimerization in C₈mimPF₆ Potential Use in Solar Cells. 2017 , 08, 405-417	
538	CHAPTER 7:Thermo-responsive Poly(ionic liquid) Nanogels Prepared via One-step Cross-linking Copolymerization. 2017 , 202-224	
537	CHAPTER 4:Surfactant Fluorinated Ionic Liquids. 2017 , 79-102	4
536	Ionic Liquids and Poly (Ionic Liquid)s Used as Green Solvent and Ultrasound Responded Materials. 2017 , 327-346	

535	CHAPTER 5:Ion Solvation and Transport in Ionic Liquids and Ionogels. 2017, 103-135	
534	31 Lipid Biotechnology and Biochemistry. 2017 , 779-824	
533	One-Way Diffusion and Active Motion of Ionic Liquids in a Dissolution Process in Water. 2018, 167-175	
532	Ionic Liquids as Lubricants or Lubricant Additives. 2017 , 169-183	
531	Ruthenium-Catalyzed [2 + 2] Cyclization of 1,7-Allenynes in Ionic Liquid and Catalyst Recycling. 2018 , 97, 696	О
530	Encyclopedia of Sustainability Science and Technology. 2018, 1-24	
529	Modelagem computacional de lquidos iñicos. 2018 , 158-184	
528	Application of Ionic Liquids in Separation and Fractionation Processes. 2018 , 1-29	Ο
527	Encyclopedia of Sustainability Science and Technology. 2018 , 1-33	
526	Cs[TfN]: a second polymorph with a layered structure. 2018 , 74, 551-554	О
525	Application of Low-Temperature Molten Dialkylimidazole Salts for Catalytic Alkylation and Hydrodechlorination. 2018 , 18, 48-56	
524	Thiazolium and imidazolium cations from ionic liquids as pre-catalysts in benzoin condensation mini review. 2018 , 7,	
523	Sustainable Organic Synthesis Using Ionic Liquids. 2018 , 111-134	
522	Task-Specific Ionic Liquids. 2018 , 3-29	
521	Termogravimetric Characterization of Biomass Impregnated with Biodegradable Ionic Liquids. 2019 , 26,	
520	Encyclopedia of Ionic Liquids. 2019 , 1-9	
519	Vibrational Spectroscopy of CO2 in 1-Ethyl-3-Methylimidazolium Ethyl Sulfate Ionic Liquid: A Quantum Chemical Approach. 2019 , 353-367	
518	Functionalized Ionic Liquid-Based Electrolytes for Li-Ion Batteries. 2019 , 401-428	1

517	CHAPTER 16. Noncovalent Interactions in Ionic Liquids. 2019 , 350-376	
516	Friedel-Crafts acylation of 2-methoxynaphthalene with acetic anhydride catalyzed by phosphotungstic acid in ionic liquid. 2019 , 51, 289-295	
515	Use of Ionic Liquids for the Biorefinery. 2019 , 223-255	
514	CHAPTER 17:Ionic Liquid Effect in Catalysed Multicomponent Reactions. 2019 , 377-392	
513	Encyclopedia of Ionic Liquids. 2019 , 1-15	
512	Encyclopedia of Ionic Liquids. 2019 , 1-21	
511	Ionic Liquids for Carbon Dioxide Capture. 2019 , 193-219	
510	Encyclopedia of Ionic Liquids. 2019 , 1-40	
509	Ion Gels for Ionic Polymer Actuators. 2019 , 217-232	
508	New Type of Stacked Supercapacitors. 2019 , 97-105	
507	Conformational stability of DNA in hydrated ionic liquid by synchrotron-based UV resonance raman. 2019 ,	1
506	Chapter 25 Ionic Liquid Lubricants: Basics and Applications. 2019 , 1037-1054	
505	Ionic Liquids for the Sustainable Development of Chemistry. 2020 , 99-111	
504	Gas Chromatography Columns Using Ionic Liquids as Stationary Phase. 2020 , 131-165	2
503	Encyclopedia of Ionic Liquids. 2020 , 1-11	
502	A Review on Ionic Liquids as Novel Absorbents for SO2 Removal. 2020 , 285-307	1
501	room-temperature ionic liquids.	
500	Electronic structural properties of amino/hydroxyl functionalized imidazolium-based bromide ionic liquids. 2020 , 18, 576-583	1

499	Development of N,N-disulfo-1,1,3,3-tetramethylguanidinium chlorometallates as heterogeneous catalysts for one pot synthesis of 1,2-dihydro-1-aryl-3H-naphth[1, 2-e][1,3]oxazin-3-one derivatives. 2020 , 07,	1
498	Eco-friendly and Effective Tetraphenylporpyrin Metalation Utilizing Ionic Liquids. 2020 , 45, 109-113	1
497	Elucidating structureBroperty relationships in imidazolium-based halide ionic liquids: crystal structures and thermal behavior. 2020 , 235, 365-374	1
496	Photophysics and rotational dynamics of Nile red in room temperature ionic liquid (RTIL) and RTIL-cosolvents binary mixtures. 2020 , 399, 112550	1
495	Study of CO2 Solubility in Bicyclic Ionic Liquids by Thermodynamic Properties and FT-IR Spectroscopic Analysis at T=(303.15 and 313.15) K. 2021 , 100021	
494	Investigation on aggregation behavior of 1-octyl-3-methylimidazolium bromide in water and in CuO-water nanofluids by measuring electrical conductivity and surface tension. 1	
493	Full Kinetics and Mechanism Investigation for Generating 4-Substituted 1, 4- Dihydropyridine Derivatives in the Presence of Green Catalyst and Aqueous Medium: Experimental Procedure. 2021 , 18, 598-613	
492	Butanol recovery Ionic liquids as green solvents.	1
491	Enhancement of SNAr reactions by CH3SO3Donic liquid and organic solvent dimethylformamide as bifunctional organocatalysts: A mechanistic study.	О
490	Wettability Alteration of Carbonate Reservoirs Using Imidazolium-Based Ionic Liquids. 2021 , 6, 30315-30326	1
489	Electrocatalytic Production of Methanol from Carbon Dioxide. 2020, 165-208	
488	Electrohydrodynamic emitters of ion beams. 2020 , 63, 1219-1255	1
487	One-Pot Multicomponent Synthesis of Imidazole Rings in Acidic Ionic Liquids: A Review. 2020 , 17, 975-990	О
486	Friction, Wear and Corrosion Behavior of Environmentally-Friendly Fatty Acid Ionic Liquids. 2021 , 11, 21	1
485	Effect of Cosolvent Ethanol on Solubilization of Ionic Liquids in Supercritical CO2 Microemulsions: Experiments and Simulations. 2021 , 66, 347-359	1
484	Application of Ionic Liquids in Wax, Scale and Asphaltene Deposition Control. 2021 , 49-63	2
483	In the footsteps of August Michaelis: Syntheses and Thermodynamics of Extremely Low-Volatile Ionic Liquids. 2021 , 10, 243-247	1
482	Designed water channels and sieving effect for heavy metal removal by a novel silica-poly(ionic liquid) nanoparticles TFN membrane. 2022 , 641, 119945	2

481	Insights on lysozyme aggregation in protic ionic liquid solvents by using small angle X-ray scattering and high throughput screening. 2022 , 345, 117816	О
480	Ionogels: Squeeze flow rheology and ionic conductivity of quasi-solidified nanostructured hybrid materials containing ionic liquids immobilized on halloysite. 2022 , 15, 103470	1
479	Applications of Ionic Liquids in Organic Synthesis. 2020 , 41-62	1
478	Co-existence of two lamellar phases in phospholipid multilayers induced by an ionic liquid. 2020,	
477	Ionic liquids-assisted green organic synthesis. 2020 , 223-250	
476	Role of Ionic Liquids in Food and Bioproduct Industries. 2020 , 353-390	
475	Electrical Double-Layer Structure and Property of Ionic Liquid-Electrode System for Electrochemical Applications. 2020 , 177-220	
474	Metal Leaching from E-Waste with Ionic Liquids. 2020 , 473-482	О
473	Ionic Liquid-Mediated Synthesis of Metal Nanoparticles. 2020 , 364-385	
472	Brnsted Acidic Ionic Liquid: An Efficient and Reusable Catalyst for the Synthesis of Xanthenes Derivatives as Antimicrobial and Antioxidant Agents. 2020 , 5, 11-19	
471	Ionic Liquids as G reen Solvents DAre they Safe?. 2020 , 1-25	
470	CHAPTER 10:Application of Ionic Liquids for Sustainable Catalysis. 2020 , 304-360	
469	Role of Ionic Liquid-Based Multipurpose Gas Hydrate and Corrosion Inhibitors in Gas Transmission Pipeline. 2020 , 221-244	2
468	salt melts in catalysis.	
467	Peek Inside the Water Mixtures of Ionic Liquids at Molecular Level: Microscopic Properties Probed by EPR Spectroscopy. 2021 , 22,	1
466	Alkaline deep eutectic solvents as novel and effective pretreatment media for hemicellulose dissociation and enzymatic hydrolysis enhancement. 2021 ,	4
465	Electrochemiluminescence of Ru(bpy)32+ in 1-ethyl-3-methylimidazolium Tetrafluoroborate Salt and Its Application in the Fabrication of Biosensor for Thrombin.	1
464	Ionic liquids impact on the catalysis of glucose oxidase and Cu/luminol/H2O2 system. 1	

463	Magnetic-ionic-liquid-integrated microfiber Mach-Zehnder interferometer for simultaneous measurement of magnetic field and temperature. 2021 , 67, 102746	0
462	Olfactory Sensing Using Quartz Crystal Microbalances with Radio-Frequency Sputtered Organic Films Based on Phenomenological Gas-Sorption Dynamics. 170-182	
461	Ionic Liquids from A1C13. 2006 , 269-276	
460	Chemical Reactions and Related Phase Behavior in Supercritical Co2 and Co2/Ionic Liquid Mixtures. 2008 , 105-129	
459	Cyclocondensations of 1,2-Diamines. 2008 , 149-180	
458	Green Chemistry from Supercomputers: Car-Parrinello Simulations of Emim-Chloroaluminates Ionic Liquids. 2008 , 213-227	
457	Green Chemistry from Supercomputers: CarParrinello Simulations of Emim-Chloroaluminates Ionic Liquids. 2008 , 157-171	
456	4-Nitrofenol ile Boyar Madde Øelti Kar⊞⊞mlar⊞n⊞ Ayn⊞ Anda Edirgeme ve Bozundurma Reaksiyonlar⊞ ilh Poli(4-Vinil Piridin)-Co Øonik S⊞v⊞ Kriyojel Kompozit KatalizE ©2018 , 4, 15-32	
455	Quasi-Stationary States in Ionic Liquid-Liquid Crystal Mixtures at the Nematic-Isotropic Phase Transition. 2020 , 8,	
454	Synthesis, characterization and electrochemistry of triethyl ammonium sulphate ionic liquid. 2021 , 235, 1099-1111	1
453	Ammonium Ionic Liquids. 2021 , 1-9	
452	Green Solvent: Green Shadow on Chemical Synthesis. 2020 , 17, 426-439	
451	Computational NMR Study of Ion Pairing of 1-Decyl-3-methyl-imidazolium Chloride in Molecular Solvents. 2020 , 124, 10776-10786	3
450	A One-pot Condensation for Synthesis 2-methyl-4-phenylpyrano[3, 2-c] chromen-5(4H)-one and Synthesis of Warfarin by Ionic Liquid Catalysis. 2016 , 15, 343-367	1
449	Switchable solvents for CO2 capture. 2022 , 61-99	
448	Future perspectives for ionic liquids. 2022 , 369-394	1
447	Structure and properties of Ionic liquids: Green aspects. 2022 , 1-32	
446	Switchable solvents for catalysis. 2022 , 201-223	

445	Synthesis and application of novel gemini pyridinium ionic liquids as demulsifiers for arabian heavy crude oil emulsions. 2022 , 634, 127961	5
444	Measurement and Modeling of Thermodynamic Properties for Ternary Mixtures Containing 1-Butyl-3-methylimidazolium-Based Ionic Liquids with Acetophenone and Acetic or Propionic Acid.	1
443	Enhancing the Stability and Photoluminescence Quantum Yield of CsPbX3 (X = Cl and Br) Perovskite Nanocrystals by Treatment with Imidazolium-Based Ionic Liquids through Surface Modification.	2
442	Ionic liquid treatment for efficient sample preparation of hydrated bone for scanning electron microscopy 2021 , 153, 103192	
441	Deciphering Solvation Effects in Aqueous Binary Mixtures by Fluorescence Behavior of 4-Aminophthalimide: The Comparison Between Ionic Liquids and Alcohols as Cosolvents. 2021 , 125, 13203	3-13211
440	Systematic Screening of Ionic Liquids for the Hydrogenation of Carbon Dioxide to Formic Acid and Methanol. 2021 , 60, 17195-17206	3
439	Ionic liquid-assisted synthesis of 2-amino-3-cyano-4H-chromenes: A sustainable overview.	1
438	Ionic liquids as boundary additives in water-based and PAO lubricants. 1	1
437	Water sorption by ionic liquids: Evidence of a diffusion-controlled sorption process derived from the case study of [BMIm][OAc]. 2021 , 348, 118023	Ο
436	Effects of Ionic Liquids on the Nucleofugality of Chloride. 2021 ,	Ο
436	Effects of Ionic Liquids on the Nucleofugality of Chloride. 2021, Commercial anion exchange resin modified with azolates for remarkable separation of SO2 from CO2. 2021, 310, 122468	0
	Commercial anion exchange resin modified with azolates for remarkable separation of SO2 from	
435	Commercial anion exchange resin modified with azolates for remarkable separation of SO2 from CO2. 2021 , 310, 122468 Ionic-Liquid-Stabilized TiO Nanostructures: A Platform for Detection of Hydrogen Peroxide 2021 ,	0
435	Commercial anion exchange resin modified with azolates for remarkable separation of SO2 from CO2. 2021 , 310, 122468 Ionic-Liquid-Stabilized TiO Nanostructures: A Platform for Detection of Hydrogen Peroxide 2021 , 6, 32754-32762 Developing Structural First Principles for Alkylated Triphenylphosphonium-Based Ionic Liquids.	0
435 434 433	Commercial anion exchange resin modified with azolates for remarkable separation of SO2 from CO2. 2021, 310, 122468 Ionic-Liquid-Stabilized TiO Nanostructures: A Platform for Detection of Hydrogen Peroxide 2021, 6, 32754-32762 Developing Structural First Principles for Alkylated Triphenylphosphonium-Based Ionic Liquids. 2021, 6, 32285-32296 Cu(II) ionic liquid promoted Simple and Economical Synthesis of 1,4-disubstituted-1,2,3-triazoles	0 2
435 434 433 432	Commercial anion exchange resin modified with azolates for remarkable separation of SO2 from CO2. 2021, 310, 122468 Ionic-Liquid-Stabilized TiO Nanostructures: A Platform for Detection of Hydrogen Peroxide 2021, 6, 32754-32762 Developing Structural First Principles for Alkylated Triphenylphosphonium-Based Ionic Liquids. 2021, 6, 32285-32296 Cu(II) ionic liquid promoted Simple and Economical Synthesis of 1,4-disubstituted-1,2,3-triazoles with Low Catalyst Loading. 2021, 133, 1	0 2 0
435 434 433 432 431	Commercial anion exchange resin modified with azolates for remarkable separation of SO2 from CO2. 2021, 310, 122468 Ionic-Liquid-Stabilized TiO Nanostructures: A Platform for Detection of Hydrogen Peroxide 2021, 6, 32754-32762 Developing Structural First Principles for Alkylated Triphenylphosphonium-Based Ionic Liquids. 2021, 6, 32285-32296 Cu(II) ionic liquid promoted Simple and Economical Synthesis of 1,4-disubstituted-1,2,3-triazoles with Low Catalyst Loading. 2021, 133, 1 Novel solid-phase microextraction fiber coatings: A review. 2021, Structure and Capacitance of Electrical Double Layers in Tricationic Ionic Liquids with Organic	0 2 0 1

Interaction between Hydrophilic Ionic Liquid and Phospholipid/Cholesterol Mixed Film. **2021**, 71,

426	Engineering encapsulated ionic liquids for next-generation applications 2021 , 11, 36273-36288	4
425	A short review on RAFT polymerization of less activated monomers. 1-22	1
424	Simulation of deep eutectic solvents: Progress to promises. e1598	O
423	Recent advancements in applications of ionic liquids in synthetic construction of heterocyclic scaffolds: A spotlight. 2022 , 348, 118329	5
422	Sequestration of Am3+ and Eu3+ into ionic liquid containing Aza-macrocycle based multiple-diglycolamide ligands: Extraction, complexation, luminescence and DFT studies. 2022 , 347, 118291	O
421	2D IR spectra of the intrinsic vibrational probes of ionic liquid from dispersion corrected DFT-MD simulations. 2022 , 348, 118390	2
420	Sustainable and efficient technologies for removal and recovery of toxic and valuable metals from wastewater: Recent progress, challenges, and future perspectives 2021 , 292, 133102	6
419	Study of thermophysical properties of binary mixtures of N-phenyl ethanolammonium based protic ionic liquids with water and ethanol solvents. 2022 , 2, 100015	
418	Co-dissolution of cellulose and silk fibroin in levulinic acid-derived protic ionic liquids for composited membrane and fiber preparation. 2021 , 23, 9669-9682	2
417	Synthesis and DFT Investigation of New Low-Melting Supramolecular Schiff Base Ionic Liquid Crystals. 2022 , 12, 136	2
416	Novel Copper Tagged Supported Ionic Liquid Phase Catalyst for the Synthesis of 1,4-Disubstituted 1,2,3-Triazoles via Cu-catalyzed AzideAlkyne Cycloaddition Reactions in Water. 1	1
415	Production of ionic liquids using renewable sources. 2022 , 29-43	
4 ¹ 4	Sustainable C-H functionalizations under ball-milling, microwave-irradiation and aqueous media.	5
413	Graphitic-Carbon Nitride for Hydrogen Storage. 2022 , 487-514	
412	Phase studies of ethyl ammonium nitrate (EAN)/sugar surfactant microemulsions: effect of chain length of alkanes and length of the hydrophobic chain of the non-ionic surfactant. 2022 , 59, 70-80	1
411	An Insight into Valorization of Lignocellulosic Biomass by Optimization with the Combination of Hydrothermal (HT) and Biological Techniques: A Review. 2022 , 3, 35-55	8
410	Ionic Liquid Additives in Water-Based Lubricants for Bearing Steel Œffect of Electrical Conductivity and pH on Surface Chemistry, Friction and Wear. 2022 , 7,	2

409	Rapid Continuous-Flow Water-Free Synthesis of Ultrapure Ionic Liquids Assisted by Microwaves. 2022 , 26, 207-214	O
408	Design, Synthesis, and Biological Evaluation of Tryptanthrin Alkaloids as Potential anti-Diabetic and Anticancer Agents. 1-21	1
407	A porous thienyl cyclodextrin polymer synthesized in a homogeneous ionic liquid catalytic system for the rapid removal of pharmaceuticals and personal care products (PPCPs). 2022 , 24, 227-237	O
406	Effect of 1-Ethyl-3-methylimidazolium Tetrafluoroborate and Acetate Ionic Liquids on Stability and Amyloid Aggregation of Lysozyme 2022 , 23,	4
405	Ionic liquids for nanomaterials recycling. 2022 , 269-287	O
404	Progress on chemical modification of cellulose in greenßolvents. 2022, 13, 359-372	4
403	Generation, regeneration, and recovery of Cu catalytic system by changing the polarity of electrodes. 2022 , 24, 1132-1140	1
402	lonic liquid-mediated CO2 conversion. 2022 , 225-233	
401	Integrated technologies for extractives recovery, fractionation, and bioethanol production from lignocellulose. 2022 , 107-139	
400	Synthesis of alkylbenzenes via the alkylation of benzene using ⊞-olefin dimers and the surfactant properties of their sulfonates. 2022 , 59, 39-50	
399	Molar and partial molar thermodynamic functions of [BMIm]BF4/water mixture (Gibbs free energy, entropy and enthalpy). 1-16	О
398	Application of Raman Spectroscopy for Sorption Analysis of Functionalized Porous Materials 2022 , e2	105477 2
397	Aldol condensation: green perspectives. 1	О
396	Influence of the alkyl chain length on the physicochemical properties and microbial biocompatibility of phosphonium based fatty acid ionic liquids. 2022 , 100, 35-45	1
395	Morpholinum Sulphate Salt Immobilized Onto Magnetic NPs Catalyzed Sonication Green Synthesis of Dihydropyrimidinones. 1	
394	Continuous Counter-Current Ionic Liquid Metathesis in Mixer-Settlers: Efficiency Analysis and Comparison with Batch Operation 2022 , 10, 946-955	O
393	Chiral Ionic Liquids Based on l-Cysteine Derivatives for Asymmetric Aldol Reaction. 2022 , 12, 47	
392	L-Proline nitrate: An Efficient Amino Acid Ionic Liquid Catalyzed Synthesis of 5-aryl-[1, 2, 4]-triazolidine-3-thiones. 2022 , 19,	

High-Pressure ESR Spectroscopy: On the Rotational Motion of Spin Probes in Pressurized Ionic Liquids.. **2022**,

390	Sustainable protocols for direct C-H bond arylation of (hetero)arenes.	5
389	Protic Ionic Liquid Cation Alkyl Chain Length Effect on Lysozyme Structure 2022, 27,	O
388	Unexpectedly efficient absorption of low-concentration SO2 with phase-transition mechanism using deep eutectic solvent consisting of tetraethylammonium chloride and imidazole. 2022 , 286, 120489	O
387	High-efficiency separation and extraction of naphthenic acid from high acid oils using imidazolium carbonate ionic liquids. 2022 , 41, 252-259	1
386	Structure, hydrogen bond dynamics and phase transition in a model ionic liquid electrolyte 2022 ,	2
385	Facile and environment-friendly fluorinations using ionic liquids 2022,	1
384	Solubility and diffusivity of six volatile compounds in ionic liquids [BMIM][Tf2N], [BMPy][Tf2N], [BMIM][TfO] and [BMPy][TfO]. 2022 , 113418	O
383	Molecular Interactions of Some Bioactive Molecules Prevalent in Aqueous Ionic Liquid Solutions at Different Temperatures Investigated by Experimental and Computational Contrivance. 2022 , 557, 113415	1
382	Surface charge dependent structure of ionic liquid/alkali halide interfaces investigated by atomic force microscopy.	1
381	New Insights on the Effects of Water on Polymer Inclusion Membranes Containing Aliquat 336 Derivatives as Carriers 2022 , 12,	0
380	Subsistence of Diverse Interactions of Some Biologically Important Molecules in Aqueous Ionic Liquid Solutions at Various Temperatures by Experimental and Theoretical Investigation. 2022 , 132571	2
379	Quantitative structure-property relationship for predicting the diffusion coefficient of ionic liquids. 2022 , 349, 118476	1
378	Interaction of Mg with the ionic liquid 1-butyl-1-methylpyrrolidinium bis(trifluoromethylsulfonyl)imideAn experimental and computational model study of the electrodeBlectrolyte interface in post-lithium batteries. 2022 , 40, 023204	1
377	Ionic liquid-nanoparticle based hybrid systems for energy conversion and energy storage applications. 2022 , 133, 104237	0
376	Salt-in-Ionic-Liquid Electrolytes: Ion Network Formation and Negative Effective Charges of Alkali Metal Cations 2021 , 125, 13752-13766	2
375	Colloidal Inorganic Ligand-Capped Nanocrystals: Fundamentals, Status, and Insights into Advanced Functional Nanodevices <i>Chemical Reviews</i> , 2021 ,	13
374	Impact of Lipid Ratio on the Permeability of Mixed Phosphatidylcholine/Phosphatidylglycerol Membranes in the Presence of 1-Dodecyl-3-methylimidazolium Bromide Ionic Liquid 2021 ,	1

373	Binary mixtures containing imidazolium ionic liquids: properties measurement. 2022 , 15, 18-28	1
372	Weak Intermolecular Interactions and Molecular Cluster in Ionic Liquids. 2022 , 6, 04-06	
371	Surface Structure of Alkyl/Fluoroalkylimidazolium Ionic-Liquid Mixtures 2022,	О
370	Ionic Liquid Electrolytes for Sodium-Ion Batteries. 2022 , 383-400	
369	Computational investigation of dynamical heterogeneity in ionic liquids based on the restricted primitive model.	
368	Recent Progress on the Mild Deprotection of Dithioketals, Dithioacetals, and Oxathiolanes. 2022 , 2022,	O
367	Influence of water on the microscopic dynamics of 1-butyl-3-methylimidazolium tetrafluoroborate studied by means of quasielastic neutron scattering 2022 , 156, 084505	1
366	Trihexyl tetradecyl phosphonium bromide as an effective catalyst/extractant in ultrasound-assisted extractive/oxidative desulfurization 2022 , 1	
365	Coarse-Grained Dynamically Accurate Simulations of Ionic Liquids: [pyr14][TFSI] and [EMIM][BF] 2022 ,	1
364	Hydrophobicity-Dependent Heterogeneous Nanoaggregates and Fluorescence Dynamics in Room-Temperature Ionic Liquids 2022 ,	O
363	Synthesis of Chiral Ionic Liquids from Natural Monosaccharides.	O
362	Machine learning investigation of viscosity and ionic conductivity of protic ionic liquids in water mixtures 2022 , 156, 154503	O
361	Nanoconfinement Effects on the Transport of Redox Probes in Ionic Liquid-Loaded Mesoporous Silica Thin Films.	
360	Separation of Americium from a Complex Matrix by Solvent Extraction Using CyMe4BTPhen in a Room Temperature Ionic Liquid Diluent. 1-12	
359	Recent advances on copper-catalyzed carbon chalcogenides cross-coupling reactions 2022,	
358	High-temperature quantum tunneling and hydrogen bonding rearrangements characterize the solid-solid phase transitions in a phosphonium-based protic ionic liquid 2022 ,	
357	A density functional theory study on the water aggregation behaviour of fatty acid-based anionic surface active ionic liquids. 1	O
356	Ionic Liquid Driven Nucleophilic Substitution of Squaric Acid to Squaramides.	

355	Remarkable NH 3 absorption in metal-based deep eutectic solvents by multiple coordination and hydrogen-bond interaction.	3
354	Contemporary Advancement of Cholinium-Based Ionic Liquids for Protein Stability and Long-Term Storage: Past, Present, and Future Outlook.	1
353	Porous solid inspired hyper-crosslinked polymer liquids with highly efficient regeneration for gas purification. 1	1
352	Ruthenium Nanocatalysts Immobilized on DFNS-IL Heterogeneous Catalyst for Hydroformylation of Alkenes with CO2 and H2. 1	
351	Condensation Reactions of Aromatic Aldehydes with Active Methylene Compounds: The Beneficial Sinergy of Alkaline Ionic Liquid in One Pot Synthesis. 2022 , 09,	
350	On-surface metathesis of an ionic liquid on Ag(111) 2022 ,	
349	Trends offered by ionic liquid-based surfactants: Applications in stabilization, separation processes, and within the petroleum industry. 1-29	O
348	The Role of Energy Scales for the Structure of Ionic Liquids at Electrified Interfaces: A Theory-Based Approach 2022 ,	1
347	Selective extraction of heavy metals (Fe, Co, Ni) from their aqueous mixtures by Task-Specific salicylate functionalized imidazolium based ionic liquid. 2022 , 344, 131119	1
346	Aprotic Ionic Liquids: A Framework for Predicting Vaporization Thermodynamics 2022, 27,	O
345	Extraction Behavior and Purification of Germanium Using an Undiluted Quaternary Ammonium Ionic Liquid in Combination with a Complexing Agent.	O
344	Insight into the solute-solvent interactions by physicochemical and excess properties in binary systems of the ether- and allyl-based functionalized ionic liquids with acetonitrile. 2022 , 133, 104275	1
343	Local structures and dynamics of interfacial imidazolium-based ionic liquid depending on the electrode potential using electrochemical attenuated total reflectance ultraviolet spectroscopy 2022 , 273, 121040	
342	Fluorination effects on the physicochemical properties of the nanostructured tunable ionic liquids: [5F-PhMeTAZ]+ or [5H-PhMeTAZ]+ which one is the better choice?. 2022 , 257-258, 109970	O
341	Phosphorus replenishment to improve the contact resistivity of light-induced Al contacts on Si solar cells. 2022 , 240, 111689	
340	Experimental and theoretical investigation of the thermodynamics and structure of the binary mixture of amino acid ionic liquid of 1-Butyl-3-methylimidazolium glutamic acid with 1,2-propanediol. 2022 , 1257, 132651	
339	Characterization and application of carboxylate-type zwitterions synthesized by one-step. 2022 , 2, 100027	
338	Enhanced molecular transport in two-dimensional nanoconfined ionic liquids. 2022 , 27, 101458	1

337	Free-standing solid polymer electrolytes based on elastomeric material and ionic liquids for safer lithium-ion battery applications. 2022 , 379, 115901	О
336	Delineating solvation behaviour and molecular interactions within ionic liquid 1-butyl-3-methylimidazolium tetrafluoroborate '+ ethylene glycol monomethyl ether solutions. 2022 , 557, 113421	O
335	Solvation properties of protic ionic liquids 2-methoxyethylammonium nitrate, propylammonium hydrogen sulfate, and butylammonium hydrogen sulfate. 2022 , 170, 106779	1
334	Imidazolium room-temperature ionic liquids with alkoxymethyl substituent: A quest for improved microbiological selectivity. 2022 , 442, 136062	Ο
333	Surface Engineering Assisted Size and Structure Modulation of Gold Nanoclusters by Ionic Liquid Cations 2021 ,	2
332	Separating Miscible Liquid Liquid Mixtures Using Supported Ionic Liquid Membranes. 2022, 61, 747-753	1
331	EPR study of nanostructuring in protic ionic liquids [PriNH3]NO3 and [BuNH3]NO3. 2021, 70, 2359-2365	
330	The effect of anion architecture on the lubrication chemistry of phosphonium orthoborate ionic liquids 2021 , 11, 24021	1
329	Effect of Solid Substrates on the Molecular Structure of Ionic Liquid Nanofilms. 2021,	0
328	Glucosylimidazolium Hydroxide: A Bench-Stable Carbohydrate Based Building Block. 2021 , 1, 154-163	O
327	Surface Engineering Assisted Size and Structure Modulation of Gold Nanoclusters by Ionic Liquid Cations. 2022 , 134,	
326	Ionic LiquidAssisted Single-Drop Microextraction: A Miniaturized Sample Preparation Tool for Various Analytes. 2022 , 121-152	O
325	Synthesis of Novel bis(1,2-Dihydro-4-hydroxy-2-oxoquinolin-3-yl)methanes using DSDABCOC as an Effective Medium. 2022 , 54, 128-137	
324	The Current Progress of the Titanium Preparation by Electrolysis in the Room-Temperature Ionic Liquid Electrolytes. 8, 71-76	1
323	Halogen-free COOH functionalized surface-active ionic liquids: surface activity, aggregation behavior, and antimicrobial activity. 1-11	0
322	Understanding Solvation Behavior of Cefazolin Sodium in the Aqueous Choline Chloride/Ethylene Glycol or Urea Solutions through Vapor Pressure Osmometry and Volumetric and Acoustic Measurements. 2022 , 67, 113-122	
321	Correlation between size of nano-aggregates and excitation wavelength dependent fluorescence emission in room temperature ionic liquids: A case study with emim[FAP]. 2021 , 3, 100054	О
320	Current understanding on insights towards protein stabilization and activation in deep eutectic solvents as a sustainable solvent media.	2

319	DBU(OAc)IIBAB-Mediated One-Pot Three-component Synthesis of 1H-Imidazol-5(4H)-one Derivatives. 2022 , 58, 352-355	
318	Micellization, surface activities, and thermodynamic studies on the ionic liquid in the presence of vitamins. 2022 , 119152	O
317	Electrolytes for Rechargeable Aluminum Batteries. 2022, 100960	2
316	Ionic Liquid-Supported Interpenetrating Polymer Network Flexible Solid Electrolytes for Lithium-Ion Batteries.	O
315	Ionic liquid-assisted synthesis of tri-functional ruthenium oxide nanoplatelets for electrochemical energy applications. 2022 , 57, 7680-7693	1
314	Cuspareine as alkaloid against COVID-19 designed with ionic liquids: DFT and docking molecular approaches 2022 , 231, 112447	O
313	Dicationic Bis-Pyridinium Hydrazone-Based Amphiphiles Encompassing Fluorinated Counteranions: Synthesis, Characterization, TGA-DSC, and DFT Investigations 2022 , 27,	O
312	Review on metal extraction technologies suitable for critical metal recovery from mining and processing wastes. 2022 , 182, 107537	2
311	Enhancement of the solubility of organic dyes in aqueous ionic solvents doped with surfactants. 2022 , 357, 118958	O
310	Data_Sheet_1.docx. 2018 ,	
309	Table_1.DOCX. 2018 ,	
308	Data_Sheet_1.docx. 2019 ,	
307	Image_1.pdf. 2019 ,	
306	Table_1.DOCX. 2019 ,	
305	Video_1.MP4. 2020 ,	
304	Video_2.MPG. 2020 ,	
303	Halide-free Synthesis of New Difluoro(oxalate)borate [DFOB]based Ionic Liquids and Organic Ionic Plastic Crystals 2022 ,	
302	Application of amino acid ionic liquids for increasing the stability of DNA in long term storage 2022 , 1-15	

301	Sustainable, highly selective, and metal-free thermal depolymerization of poly-(3-hydroxybutyrate) to crotonic acid in recoverable ionic liquids.	1
300	Influence of amphiphilic drugs on the micellization behavior of imidazolium based ionic liquids: A review. 2022 ,	
299	Efficient Separation of Americium from Lanthanide by a Task-Specific Ionic Liquid Decorated with 2,6-Bis-Triazolyl-Pyridine Moiety.	
298	Synthesis of novel triiodide ionic liquid based on quaternary ammonium cation and its use as a solvent reagent under mild and solvent-free conditions. 2022 , 28, 58-66	
297	An intramolecular vibrationally excited intermolecular potential energy surfaces and predicted the near infrared overtone (DH= 2<-0) spectroscopy of H2ONe complex.	
296	Enhancement of thermal stability of proteinase K by biocompatible cholinium-based ionic liquids 2022 ,	1
295	Synthesis of hierarchical silicoaluminophosphate (SAPO) molecular sieves by post-synthetic modification and their catalytic application.	Ο
294	Silylation of piroxicam with some silylating reagents, and characterization of them to improve some properties of this drug. 2022 , 1-12	
293	Biodiesel Production Using Ionic Liquid-Based Catalysts. 2022 , 249-267	
292	In Situ Raman Monitoring of Potential-Dependent Adlayer Structures on the Au(111)/Ionic Liquid Interface 2022 ,	1
291	Ionic liquids for carbon capture.	2
290	Superacid-catalyzed preparation of ionic polyhedral oligomeric silsesquioxanes and their properties, polymerization, and hybridization. 1	Ο
289	Template-based textural modifications of polymeric graphitic carbon nitrides towards waste water treatment 2022 , 302, 134792	1
288	Halide anions engineered ionic liquids passivation layer for highly stable inverted perovskite solar cells 2022 , 622, 469-480	2
287	Interactions of basic compounds with ionic liquids used as oils in microemulsion liquid chromatography. 2022 , 463142	Ο
286	Acidic Ionic Liquids as Metal-Free and Recyclable Catalysts for Direct Reduction of Aromatic Allylic Alcohol in Dimethyl Carbonate via Hydrogen Transfer.	Ο
285	Micellization and aggregation approach in aqueous amphiphilic ionic liquid and anionic polymer system. 2022 , 100065	
284	Synthesis strategies of covalent organic frameworks: An overview from nonconventional heating methods and reaction media. 2022 ,	O

283	Solubility and solvation features of native cyclodextrins in 1-ethyl-3-methylimidazolium acetate. 2022 , 119622	
282	Surface-Active Ionic Liquid-Assisted Cloud Point Extraction for Pre-Concentration and Determination of Cobalt Ions in Pharmaceutical Preparations. 2022 , In Press,	
281	Hydrogen bonding between 1-ethyl-3-methyl-imidazolium dicyanamide ionic liquid and selected co-solvents with varying polarity: A DFT study. 2022 , 119418	1
2 80	Comparison between Ab Initio Molecular Dynamics and OPLS-Based Force Fields for Ionic Liquid Solvent Organization.	1
279	4-Amino-1-Butyl-1,2,4-Triazolium Dinitramide িBynthesis, Characterization and Combustion of a Low-Temperature Dinitramide-Based Energetic Ionic Liquid (EIL).	O
278	A brief introduction to contemporary electrokinetics. 1-13	
277	Towards Environmental Protection and Process Safety in Leather processing IA Comprehensive Analysis and Review. 2022 ,	1
276	Impact of Two Water-Miscible Ionic Liquids on the Temperature-Dependent Self-Assembly of the (EO)6(PO)34(EO)6 Block Copolymer.	1
275	Temperature-Dependent Constrained Diffusion of Micro-Confined Alkylimidazolium Chloride Ionic Liquids.	
274	Liquid[liquid Equilibrium Data of Water + Butanol/Acetone + 2-Hydroxyethylammonium-Based Protic Ionic Liquids.	
273	Object recognition by a heat-resistant core-sheath triboelectric nanogenerator sensor.	1
272	Synthesis and fungicidal activity of alkyltrimethylammonium salicylate ionic liquids. 2022 , 47, 03025	
271	Methyltrioctylammonium Octadecanoate as Lubricant Additive to Different Base Oils. 2022, 10, 128	1
270	Metallic Sodium Anodes for Advanced Sodium Metal Batteries: Progress, Challenges and Perspective.	
269	Examining the Electrochemical Nature of an Ionogel Based on the Ionic Liquid [P66614][TFSI] and TiO2: Synthesis, Characterization, and Quantum Chemical Calculations.	
268	Separation of Plutonium from Other Actinides and Fission Products in Ionic Liquid Medium. 1-25	1
267	Dissolution and electrolysis of lunar regolith in ionic liquids. 2022 , 105534	0
266	Synthesis and Characterization of a Glycine-L-Histidine-Based Chiral Ionic Liquid and Enantioselectivity Evaluation by Fluorescence Spectroscopy. 2022 , 7,	

265	Hydrogen Sulfide Capture and Removal Technologies: A Comprehensive Review of Recent Developments and Emerging Trends. 2022 , 121448	1
264	Recent Developments on Ionic Liquids and Deep Eutectic Solvents for Drug Delivery Applications.	2
263	An Environmentally Benign Multicomponent Cascade Reaction of 3-Formylchromones, 2-Naphthols, and Heterocyclic Ketal Aminals: Site-Selective Synthesis of Functionalized Morphan Derivatives.	О
262	Eutectic Electrolytes Composed of LiN(SO2F)2 and Sulfones for Li-Ion Batteries. 2022 , 126, 10024-10034	3
261	Imidazolium-Based Dicationic Ionic Liquid Electrolyte: Strategy toward Safer Lithium-Ion Batteries.	2
260	Ionic liquids in transdermal drug delivery system: Current applications and future perspectives. 2022,	1
259	Reaction Behaviors and Mechanism of Isobutane/Propene Alkylation Catalyzed by Composite Ionic Liquid.	0
258	The spotlight review on ionic liquids catalyzed synthesis of aza- and oxa-heterocycles reported in 2021. 2022 , 361, 119664	О
257	Utilization of ionic liquids and deep eutectic solvents in oil operations: Progress and challenges. 2022 , 361, 119641	4
256	New crowding states of ionic liquid induced by configuration change of ion adsorption on charged electrode. 2022 , 425, 140692	О
255	Measuring and modeling the solubility of carbon dioxide in protic ionic liquids. 2022, 173, 106838	O
254	The role of extractive and oxidative desulphurization techniques of fuel oils using ionic liquids: An overview. 2022 ,	O
253	Ultra-stretchable ion gels based on physically cross-linked polymer networks.	1
252	Chitosan supported ionic liquid (CSIL): An excellent catalyst for one-pot synthesis of bis(indolyl)methanes. 2022 , 4, 100436	O
251	Numerical study on the convective heat transfer performance of a developed MXene IoNanofluid in a horizontal tube by considering temperature-dependent properties.	1
250	Synthesis of aprotic ionic liquids. 2022 , 2,	3
249	Efficient Conversion of Plastics and Biomass Using Organic Chemistry. 2022 , 80, 541-553	
248	Clean and efficient synthesis of 3-aminoindolizines in one-pot using recyclable CuCN/[bmim]PF6 system. 1-13	

247	Water in ionic liquids: Raman spectroscopic studies.	0
246	ReviewIbnic Liquids Applications in Flow Batteries.	Ο
245	Phase behaviors of ionic liquids attributed to the dual ionic and organic nature.	0
244	Novel Palladium Tagged Ferrite Nanoparticle Supported Ionic Liquid Phase Catalyst for the Efficient Copper-Free Sonogashira Coupling. 2022 , 133729	
243	Orientational wetting and dynamical correlations toward glass transition on the surface of imidazolium-based ionic liquids. 2022 , 157, 034701	
242	Dissecting Noncovalent Interactions in Carboxyl-Functionalized Ionic Liquids Exhibiting Double and Single Hydrogens Bonds Between Ions of Like Charge.	
241	Separation of Americium from Lanthanide by a Task-Specific Ionic Liquid Decorated with 2,6-Bis-Triazolyl-Pyridine Moiety. 2022 , 121752	0
2 40	Performance evaluation of deep eutectic solvent for surfactant polymer flooding. 2022 , 362, 119734	O
239	Hydrogen/deuterium exchange in 1-alkyl-3-methylimidazolium bis(trifluoromethanesulfonyl)imide-based solutions. 2022 , 562, 111631	0
238	Deep removal of chlorobenzene based volatile organic compounds from exhaust gas with ionic liquids. 2022 , 298, 121610	1
237	Probing new DABCO-F based ionic liquids as catalyst in organic synthesis. 2022 , 1268, 133638	
236	A REVIEW OF GROUP CONTRIBUTION MODELS TO CALCULATE THERMODYNAMIC PROPERTIES OF IONIC LIQUIDS FOR PROCESS SYSTEMS ENGINEERING. 2022 ,	
235	Solvents and Stabilization in Ionic Liquid Films.	
234	Applying ionic liquids as oil additives for gearboxes: Going beyond the state of the art by bridging the nano-scale and component level.	
233	How the type of interface can alter the behavior of an aprotic ionic liquid-water mixture entrapped in different reverse micelles. An exploratory study using an enzymatic reaction as a sensor 2022 , 129812	1
232	Ionic liquid solvation of proteins in native and denatured states. 2022 , 119953	Ο
231	Interfacial Tension Reduction with Ionic Liquid Surfactants.	
230	CyreneTM Blends: A Greener Solvent System for Organic Syntheses.	Ο

229	Controlling Amyloid Fibril Properties Via Ionic Liquids: The Representative Case of Ethylammonium Nitrate and Tetramethylguanidinium Acetate on the Amyloidogenesis of Lysozyme. 2022 , 13, 7058-7064	1
228	A Review of CO2 capture by Poly(Ionic liquid)s. 2022 , 15,	
227	Application of acidic deep eutectic solvents in green extraction of 5-hydroxymethylfurfural. 2022 , 12,	
226	Ionic liquid-based nanocomposites for organic transformations.	1
225	Thermodynamic properties (excess and partial molar volume, Gibbs free energy of activation for viscous flow, enthalpy, and entropy) of propylammonium nitrate/water mixtures. 2022 , 106898	
224	Bridging Database and Experimental Analysis to Reveal Super-hydrodynamic Conductivity Scaling Regimes in Ionic Liquids. 2022 , 126, 6039-6051	2
223	Active Pharmaceutical Ingredient-Ionic Liquids (API-ILs): Nanostructure of the Glassy State Studied by Electron Paramagnetic Resonance Spectroscopy. 2022 , 27, 5117	O
222	Dicationic Imizadolium-Based Tetrafluoroborate Ionic Liquids: Synthesis and Hydrothermal Stability Study. 2022 , 7,	O
221	Thermo-acoustic parameters of polymer dextran with aqueous sodium hydroxide: an ultrasonic study. 2022 , 15,	
220	The influence of deuterium isotope effects on structural rearrangements, ensemble equilibria, and hydrogen bonding in protic ionic liquids.	
219	Aggregation-Induced Emission of Gold Nanoclusters by Ionic Liquids for White Light-Emitting Diode and Multiple-Ion Probe Applications. 2022 , 13, 7722-7730	1
218	Modeling of CH4/CO2 hydrate phase behavior in organic and electrolyte inhibitors by dickens model. 1-23	
217	[DDQM][HSO4]/TBHP as a Multifunctional Catalyst for the Metal Free Tandem Oxidative Synthesis of 2-Phenylquinazolin-4(3H)-ones.	0
216	Gelation, Clustering and Crowding in the Electrical Double Layer of Ionic Liquids.	O
215	Skillful Control of Dispersion and 3D Network Structures: Advances in Functional OrganicIhorganic Nano-Hybrid Materials Prepared Using the Sol-Gel Method. 2022 , 14, 3247	1
214	Promising Recyclable Ionic Liquid-Soluble Catalytic System for Reductive Hydroformylation.	O
213	Efficient and Easily Recyclable Catalyst for the Alkylation Reaction of Phenol and tert-Butyl Alcohol.	
212	Comprehensive investigation of two environmentally-friendly imidazolium nitrate ionic liquids: from calorimetry to thermal risk evaluation.	

211	Site-Selective Synthesis of N-Benzyl 2,4,6-Collidinium Salts by Electrooxidative CH Functionalization. 2022 , 24, 6060-6065	1
210	A review on the synthesis of transition metal nitride nanostructures and their energy related applications. 2022 ,	1
209	First Evidence of the Double-Bond Formation by Deoxydehydration of Glycerol and 1,2-Propanediol in Ionic Liquids. 2022 , 7, 27980-27990	
208	Synthesis, antioxidant properties, and oil solubility of a novel ionic liquid [UIM0Y2][C6H2(OH)3COO] in biodiesel. 2022 , 197, 545-551	1
207	Solvation properties of silver ions in ionic liquids using attenuated total reflectance ultraviolet spectroscopy. 2022 , 364, 119998	
206	Dicationic ionic liquids based on bis(4-oligoethyleneoxyphenyl) viologen bistriflimide salts exhibiting high ionic conductivities. 2022 , 365, 120126	1
205	Synthesis, spectroscopic characterization and apparent molar properties of ethanolammonium based ionic liquids with DMSO. 2022 , 8, 100076	
204	Solvatochromic, Photophysical and DFT Studies of Newer 1-(2-oxo-2-(2-oxo-2H-chromen-3-yl)ethyl)pyridin-1-ium bromide and 1-methyl-3-(2-oxo-2-(2-oxo-2H-chromen-3-yl)ethyl)-1H-imidazol-3-ium bromide Synthesized Under	O
203	Understanding the interfacial properties of bmim-AOT reverse micelles for their application as nanoreactors. 2022 , 366, 120238	0
202	Swellable poly(ionic liquid)s: Synthesis, structure-property relationships and applications. 2022 , 134, 101607	1
201	Challenges and opportunities in using ionic liquids-modified carbon allotropes as emerging anticorrosive nanomaterials. 2022 , 328, 133213	0
200	Ionic liquid-based gels for biomedical applications. 2023 , 452, 139248	O
199	Cracking Ion Pairs in the Electrical Double Layer of Ionic Liquids.	O
198	Ring-opening of non-activated aziridines with [11C]CO2via novel ionic liquids. 2022 , 12, 21417-21421	1
197	Molecular simulations explain the exceptional thermal stability, solvent tolerance and solubility of protein polymer surfactant bioconjugates in ionic liquids. 2022 , 24, 21904-21915	0
196	Nonconventional biocatalysis: from organic solvents to green solvents. 2022 , 23-55	1
195	Physical and electrochemical properties of new structurally flexible imidazolium phosphate ionic liquids. 2022 , 24, 23289-23300	0
194	Applications of deep eutectic solvents in remediation of emerging contaminants. 2022 , 223-246	O

193	Deep eutectic solvents An Introduction. 2022, 1-20	0
192	A simple overview of toxicity of ionic liquids and designs of biocompatible ionic liquids.	Ο
191	Stability and stabilization of biocatalysts by ionic liquids. 2022 , 105-153	0
190	Biotransformations of carbohydrates in ionic liquids. 2022 , 209-231	Ο
189	Recent progress in electrochromic energy storage materials and devices: A minireview.	1
188	Enzymatic membrane reactors and nonconventional solvents. 2022 , 435-466	O
187	Isobaric Vapor-Liquid Equilibrium for Ethyl Acetate + Chloroform with Ionic Liquids [Emim][Oac], [Bmim][Oac] and Dmso + [Emim][Oac] as Entrainers at 101.3 Kpa.	0
186	Cracking Ion Pairs in the Electrical Double Layer of Ionic Liquids. 2022 , 141163	Ο
185	Experimental and Theoretical Study of Optical Properties of Pyrromethene (PM-597) Laser Dye in Binary Eco-friendly Solvent.	0
184	A Silk Protein-Based Eutectogel as a Freeze-Resistant and Flexible Electrolyte for Zn-Ion Hybrid Supercapacitors. 2022 , 14, 44821-44831	1
183	Ionic Liquids for Efficient and Stable Perovskite Solar Cells. 2201292	1
182	Synthesis and fungicidal activity of imidazole dicyanamide ionic liquids.	O
181	Green synthesis, crystal structure, and antifungal activities of (E)-4-arylidene-5-oxotetrahydrofuran.	0
180	Nonideal Behavior of Aqueous Deep Eutectic Solvents Based on Tetrabutylphosphonium Bromide and Ethylene Glycol/Glycerol.	0
179	Review on the mineral processing in ionic liquids and deep eutectic solvents. 1-24	1
178	Experimental assessment of physicochemical properties of L-phenylalanine and L-arginine in (water + 1-butyl-3-methylimidazolium bromide / tributylmethylammonium chloride) solutions at various temperatures. 2022 , 100090	O
177	Kinetics Investigation of Cis-Trans Isomerization Reaction of Azobenzene in Ionic Liquids: Role of Viscosity and Polarity.	0
176	Structure and Dynamics of Hydrofluorocarbon/Ionic Liquid Mixtures: An Experimental and Molecular Dynamics Study.	O

175	Recent Advances in Multicomponent Reaction Through C?H Bond Functionalization. 1-25	О
174	Optimal structure of acidic ionic liquids for synthesis of tetraphenylporphyrins.	O
173	Microstructures of hydrophobic ionic liquids via tuning water networks: Theoretical and experimental investigations. 2022 , 367, 120483	O
172	Modeling thermophysical properties of several liquid adipates. 2022 , 367, 120350	O
171	Environmental remediation through various composite membranes moieties: Performances and thermomechanical properties. 2022 , 309, 136613	О
170	A new magnetic ionic liquid based salting-out assisted dispersive liquid-liquid microextraction for the determination of parabens in environmental water samples.	2
169	Sweet, Sugar-Coated Hierarchical Platinum Nanostructures for Easy Support, Heterogenization and Separation. 2022 , 4, 1147-1160	0
168	Synthetic protocols for non-fused pyrimidines. 1-43	O
167	Physicochemical Characterization of a Cellulosic Film Modified with Two Room-Temperature Ionic Liquids. 2022 , 12, 10290	O
166	Molecular Simulation-Guided Spectroscopy of Imidazolium-Based Ionic Liquids and Effects of Methylation on Ion-Cage and -Pair Dynamics. 2022 , 126, 8838-8850	O
165	Deep Eutectic Solvents: Alternative Solvents for Biomass-Based Waste Valorization. 2022, 27, 6606	O
164	High Ionic Conductivities of Ionic Materials as Potential Electrolytes.	O
163	Dielectric response and density functional theory assessment of fluorinated dicationic pyridinium ionic liquids.	O
162	Green Chemistry in Organic Synthesis: Recent Update on Green Catalytic Approaches in Synthesis of 1,2,4-Thiadiazoles. 2022 , 12, 1329	O
161	An Efficient One-Pot Green Protocol for the Synthesis of Dihydrochromeno[4,3-b]Pyrazolo[4,3-e]Pyridin-6(7H)-Ones Mediated by Diisopropyl Ethyl Ammonium Acetate at Room Temperature. 1-15	O
160	Alkylation of Tetralin with Butene/Propylene Catalyzed by Ionic Liquid and Its Lubricating Properties. 2022 , 10, 287	O
159	Applications of Spectroscopic Techniques to the study of MonomerDimer Equilibria for Methylene Blue in Aqueous Solutions Containing Ionic Liquid: Probing the Structural Interactions Involving Water and Ionic Liquids. 2022 , 122058	О
158	Structural microheterogeneity and hydrogen bonding properties in the mixtures of two ionic liquids with a common imidazolium cation. 2022 , 368, 120594	O

157	Experimental and theoretical heat capacity of mono- and dicationic long alkyl chain imidazolium-based ionic liquids. 2022 , 2, 100048	0
156	Aggregation behaviours of sulfobetaine zwitterionic surfactants in EAN. 2022 , 368, 120608	О
155	Artificial neural network modeling on the polymer-electrolyte aqueous two-phase systems involving biomolecules. 2023 , 306, 122624	1
154	Improvement of the self-assembly of low <code>[ABA</code> triblock copolymers with the addition of an ionic liquid.	0
153	Machine learning coupled with group contribution for predicting the density of deep eutectic solvents. 2022 , 113672	O
152	Synthesis, spectral characterization, protein binding and cytotoxic evaluation of new cobalt(II) and cobalt(III) complexes containing benzimidazolylterpyridine as ligand. 1-19	O
151	A Tough and Highly Active Catalyst Carrier Tailored by Nanoparticles-encapsulation Poly(Ionic Liquid) Hydrogel: Synthesis and Catalytic Applications. 2022 , 111713	0
150	A green aerobic Fe(lll) catalyzed base-free synthesis of 2-aminobenzothiazoles in water. 2022 , 416, 233-239	О
149	Effect of the Structural Changes in a Styrenesulfonate-Based Draw Solute Having a Lower Critical Solution Temperature for the Forward Osmosis Process.	1
148	Experimental and theoretical studies of 1-Benzyl pyridazinium bromide as green inhibitor for mild steel corrosion. 2022 , 2, 100054	1
147	Impact of BMIm. 2023 , 369, 120877	О
146	Surface behaviour of 1-alkyl-3-methylimidazolium ionic liquids at the air-water interface. 2023 , 370, 121028	O
145	Investigation of an anaesthetic drug (tetracaine hydrochloride) in the presence of ionic fluid and surfactant: Mixed micellization & pectroscopic studies. 2023 , 370, 121057	0
144	A comparative study on the uptake of lanthanides from acidic feeds using extraction chromatography resins containing N,N,N[NEtetra-n-alkyl diglycolamides with varying alkyl chain lengths in an ionic liquid. 2023 , 1687, 463683	1
143	Surface adsorption and bulk properties of polyoxyethylenepolyoxypropylene random copolymer-type double-chained surfactants in quaternary-ammonium-salt-type amphiphilic gemini ionic liquids. 2023 , 658, 130644	0
142	A comparative study on the physicochemical properties of the nanostructured triazolium based ionic liquids composed of [5F-PhMTZ]+ cation and various anions with their non-fluorinated cation analogues. 2023 , 1220, 113984	O
141	The density and dynamic viscosity for dilute solutions of [Emim][NTf2] [Bmim][NTf2], and [Bmmim][NTf2] in ethylene glycol. 2023 , 371, 121080	0
140	Measurements and correlation of activity coefficients at infinite dilution for organic solutes in 1-heptyl-3-methylimidazolium chloride. 2023 , 567, 113713	O

139	Aggregation induced emission of surface ligand controlled gold nanoclusters employing imidazolium surface active ionic liquid and pH sensitivity. 2023 , 437, 114471	1
138	Chapter 2. Green Corrosion Inhibition: Concepts of Green Chemistry. 2022 , 35-52	O
137	Prebiotic Phosphorylation. 2022 , 1-2	O
136	Modeling of transport properties of binary mixtures including ionic liquids based on their experimental estimation. 2022 , 15, 123-130	O
135	Application of Ionic Liquids in Rechargeable Li-Ion Batteries: A Comprehensive Guide to Design, Synthesis and Computational Aspects.	O
134	Spiro heterocycles bearing piperidine moiety as potential scaffold for antileishmanial activity: synthesis, biological evaluation, and in silico studies. 2023 , 38, 330-342	O
133	Synthesis of Bicyclo[3.2.1]octanones by Regioselective Cyclopropyl Ring Cleavage of Tricyclo[3.3.0.0 2,8]octanones in an Ionic Liquid. 2022 , 7,	O
132	Nanoporous Alumina Support Covered by Imidazole MoietyBased Ionic Liquids: Optical Characterization and Application. 2022 , 12, 4131	O
131	1-(4-Sulfonic Acid Butyl)-3-Methylimidazolium Polyoxo Metalate as a Novel Nano-Hybrid Catalyst for the One-Pot Synthesis of 4H-Pyran and Spiro Indoline Derivatives. 1-25	0
130	Cancer-specific cytotoxicity of pyridinium-based ionic liquids by regulating hypoxia-inducible factor-1\(\text{H}\)-centric cancer metabolism. 2022 , 248, 114334	1
129	Shvo-Catalyzed Hydrogenation of CO2 in the Presence or Absence of Ionic Liquids for Tandem Reactions.	0
128	Measurement of physicochemical properties of green aqueous amino acid-based ionic liquids and their correlation with temperature and concentration.	O
127	Alternative Ecosorbent for the Determination of Trihalomethanes in Aqueous Samples in SPME Mode. 2022 , 27, 8653	O
126	A comprehensive review of various non-cyanide electroplating baths for the production of silver and gold coatings. 1-37	1
125	Electroanalytical Chemistry of Lanthanides/Actinides and the Feasibility of Direct Electrodeposition in Ligand Containing Ionic Liquids: A Comprehensive Review. 2022 , 169, 126502	1
124	Mixed micelle formation by sodium dodecylsulfate and dodecyltrimethylammonium bromide in aqueous ionic liquid media. 2022 , 121085	O
123	The Buoy Effect: Surface Enrichment of a Pt Complex in IL Solution by Ligand Design.	0
122	Imidazolium-Modified Silica Gel for Highly Selective Preconcentration of Ag(I) from the Nitric Acid Medium. 2022 , 4, 1702-1713	O

121	Predicting CO2 Absorption in Ionic Liquids with Molecular Descriptors and Explainable Graph Neural Networks. 2022 , 10, 16681-16691	O
120	Up/Down Tuning of Poly(ionic liquid)s in Aqueous Two-Phase Systems.	O
119	Preparation and Hydrophilicity/Lipophilicity of Solubility-Switchable Ionic Liquids. 2022, 7, 48540-48554	0
118	Up/Down Tuning of Poly(ionic liquid)s in Aqueous Two-Phase Systems.	O
117	UVII is photodetector based on ionic liquid-modified perovskite InO composite. 2022, 132, 235703	O
116	Ligand Effect on Physicochemical Properties of Ionic Liquid.	1
115	Aryloxy Ionic Liquid-Catalyzed Homogenous Esterification of Cellulose with Low-Reactive Acyl Donors. 2023 , 15, 419	0
114	Improving the Antimycobacterial Drug Clofazimine through Formation of Organic Salts by Combination with Fluoroquinolones. 2023 , 24, 1402	O
113	Isobaric Vapor[liquid Equilibrium for Ethyl Acetate + Chloroform with Ionic Liquids [EMIM][OAc], [BMIM][OAc], and DMSO + [EMIM][OAc] as Entrainers at 101.3 kPa.	O
112	Effect of 1-Butyl-3-MethylImidazolium bis(trifluoromethylsulfonyl)imide on spontaneous combustion of bituminous coal.	O
111	Ionic liquids: Promisingly functional mediators in electrocatalysts for water splitting.	0
110	Ionic Liquids for the Chemical Recycling of Polymeric Materials and Control of Their Solubility.	O
109	Interface Engineering of Zinc Electrode for Rechargeable Alkaline Zinc-Based Batteries. 2201277	0
108	Investigation of dihydroxyl ionic liquids as high-performance shale inhibitors and their inhibition mechanism. 2023 , 130999	O
107	Four Component One Pot Synthesis of Benzyl Pyrazolyl Coumarin Derivatives Catalyzed by Metal-Free, Heterogeneous Chitosan Supported Ionic Liquid Carbon Nanotubes. 1-12	0
106	Efficient synthesis of novel chromeno[2,3-d][1,3,4]thiadiazolo[3,2-a]pyrimidine derivatives via three-component reaction using acidic ionic liquid catalysts in ethylene glycol.	O
105	Stretchable elastomer based on viscous sensing fluid with positive piezoconductive effect. 2023, 101249	О
104	Rapid Electrodeposition and Corrosion Behavior of Zn Coating from a Designed Deep Eutectic Solvent. 2023 , 13, 172	O

103	Ionic Liquids for Anticancer Application. 2022 , 671-675	О
102	Imidazolium Ionic Liquids. 2022 , 477-488	О
101	Ionic Liquids/Water Binary Mixtures Mediated Organic Reactions. 2022, 789-801	О
100	Ammonium Ionic Liquids. 2022 , 53-62	O
99	Intermediates derived from p-terphenyl in the methyltributylammonium bis[(trifluoromethyl)sulfonyl]imide ionic liquid saturated with carbon dioxide: Pulse radiolysis study. 2022 , 67, 73-80	О
98	Structure, Properties and Applications of Ionic Liquids. 2023, 1-11	О
97	An evolution in electrochemical and chemical synthesis applications in prospects of ionic liquids. 2023 , 113-154	О
96	Ionic Liquids Containing Silsesquioxane and Cyclic Siloxane Frameworks.	О
95	Enhanced etching resolution of self-assembled PS-b-PMMA block copolymer films by ionic liquid additives.	О
04	Ionic liquids for phenolic compounds removal and extraction. 2023 , 217-238	
94	ionic tiquids for prienotic compounds removal and extraction. 2023, 217-236	О
93	Facile One-Pot Synthesis of Polysubstituted Pyridinium Salts via Annulation of Enamines with Alkynes.	0
	Facile One-Pot Synthesis of Polysubstituted Pyridinium Salts via Annulation of Enamines with	
93	Facile One-Pot Synthesis of Polysubstituted Pyridinium Salts via Annulation of Enamines with Alkynes.	0
93 92	Facile One-Pot Synthesis of Polysubstituted Pyridinium Salts via Annulation of Enamines with Alkynes. Raman Wavelength Conversion in Ionic Liquids. 2023, 19,	0
93 92 91	Facile One-Pot Synthesis of Polysubstituted Pyridinium Salts via Annulation of Enamines with Alkynes. Raman Wavelength Conversion in Ionic Liquids. 2023, 19, Solvation within deep eutectic solvent-based systems: A review. 2023, 145-192 Modified Graphene Oxide as an Additive to Enhance the Lubricity of the Ionic Liquid,	0 0
93 92 91 90	Facile One-Pot Synthesis of Polysubstituted Pyridinium Salts via Annulation of Enamines with Alkynes. Raman Wavelength Conversion in Ionic Liquids. 2023, 19, Solvation within deep eutectic solvent-based systems: A review. 2023, 145-192 Modified Graphene Oxide as an Additive to Enhance the Lubricity of the Ionic Liquid, 1-Heptyl-3-methylimidazolium Bis[(trifluoromethane)sulfonyl]amide. Mapping the Three-Dimensional Nanostructure of the Ionic LiquidBolid Interface Using Atomic	0 0
93 92 91 90 89	Facile One-Pot Synthesis of Polysubstituted Pyridinium Salts via Annulation of Enamines with Alkynes. Raman Wavelength Conversion in Ionic Liquids. 2023, 19, Solvation within deep eutectic solvent-based systems: A review. 2023, 145-192 Modified Graphene Oxide as an Additive to Enhance the Lubricity of the Ionic Liquid, 1-Heptyl-3-methylimidazolium Bis[(trifluoromethane)sulfonyl]amide. Mapping the Three-Dimensional Nanostructure of the Ionic LiquidBolid Interface Using Atomic Force Microscopy and Molecular Dynamics Simulations. 2202110 Dicyanamide Anion Reports on Water Induced Local Structural and Dynamic Heterogeneity in Ionic	0 0 0

85	Role of polymeric ionic liquids in rechargeable batteries. 2023 , 365-389	О
84	Excess Molar Volumes of 1-Butyl-3-Methylimidazolium Methylsulfate Ionic Liquid with 2-Alcohols.	Ο
83	Chemistry of ionic liquids in multicomponent reactions. 2023 , 17-50	0
82	Ionic liquids in metrological analysis and applications. 2023 , 443-463	O
81	Progressive function of ionic liquids in polymer chemistry. 2023 , 479-495	0
80	A novel benzimidazole based ionic liquid-tagged Schiff base copper catalyst: Synthesis, characterization and application toward the synthesis of 1,4-disubstituted 1,2,3-triazoles. 2023 , 549, 121405	O
79	Synthesis of Ionic Liquids. 2009 , 19-30	О
78	3D Printed Ionogels In Sensors. 2023 , 62, 632-654	Ο
77	Study of Nitrogen-Containing Products of the Interaction of 1-Butyl-3-Methylimidazolium Cation with Lignin by MALDI Mass Spectrometry. 2022 , 77, 1784-1792	0
76	Effect of hydration of a room temperature ionic liquid on the cationDation interaction of UO22+ and NpO2+ ions. 2023 , 47, 7391-7398	O
75	Ionic Liquid-Based Transcutaneous Peptide Antitumor Vaccine: Therapeutic Effect in a Mouse Tumor Model. 2023 , 25,	O
74	Experimental and computational studies on the ion dissociation states of 1-butyl-3-methyimidazolium tetrafluoroborate in water and alcohols. 2023 , 375, 121370	O
73	A green Approach for Synthesis of Pyridinium Sulfonamide Ionic Liquids: Characterization and Their Biological Activities.	O
72	Ionic Liquid-Supported Photocatalysts: A Reusable Environmentally Friendly Oxidation Reaction System That Uses Air and Light. 2023 , 24, 7141	O
71	Electrically Amplified Circularly Polarized Luminescence by a Chiral Anion Strategy.	0
70	Improved renaturation process of aggregated recombinant proteins through the design of hydrated ionic liquids. 2023 , 377, 121440	O
69	Experimental and theoretical study on ionic liquid [Bmim]Br-catalyzed decomposition of cumene hydroperoxide into dimethylbenzyl alcohol. 2023 , 656, 119116	0
68	Electrical conductivity and refractive index of binary ionic liquid mixtures with diethyl carbonate, dimethyl carbonate and propylene carbonate. 2023 , 378, 121598	O

67	Liquid-Liquid equilibria of ternary mixtures of alkane (C8 or C12) '+ 'thiophene'+ 'three methylimidazolium dicyanamide (DCA)-based ionic liquids. 2023 , 10, 100112	O
66	Sensitive determination of benzo(a)pyrene in vegetable oils based on the electrochemiluminescence quenching of ruthenium (II) dipyrido[3,2-a:2?,3?-c]phenazine complex. 2023 , 189, 108579	O
65	A new era of chitin synthesis and dissolution using deep eutectic solvents- comparison with ionic liquids. 2023 , 380, 121794	0
64	Syntheses and properties of imidazolium-based quaternary salts with D-FA unit containing azobenzene groups. 2023 , 1285, 135428	O
63	Asymmetric anion effects of anions in ionic liquids: Crystal polymorphs and magnetic properties. 2023 , 570, 111872	0
62	Opportunities in the use of carbon materials to develop heterogenized metal complexes for catalytic applications. 2023 , 552, 121513	О
61	Ionic Liquid Efficiency on Wood Dissolution and Polysaccharide Identification. 2022, 12, 254-273	O
60	Thermal decomposition kinetics of deep eutectic solvent (DES) based on choline chloride and magnesium chloride hexahydrate: New details on the reaction mechanism and enthalpy Intropy compensation (EEC). 2023 , 374, 121274	1
59	Tribochemistry of imidazolium and phosphonium bis(oxalato)borate ionic liquids: Understanding the differences. 2023 , 181, 108263	0
58	Liquid Dynamics Determine Transition Metal- N -Heterocyclic Carbene Complex Formation. 2023 , 29,	О
57	Ionic Liquids and their Application to a More Sustainable Chemistry. 2014 , 552-581	O
56	Role of Fungi in Biodegradation of Imidazolium Ionic Liquids by Activated Sewage Sludge. 2023 , 28, 1268	О
55	Excited-state proton transfer reaction of a pyrenylurea derivative in the ionic liquid 1-ethyl-3-methylimidazolium acetate. 2023 , 814, 140342	0
54	Nontoxic Ionic Liquids: Emerging Substitute for Classical Antimicrobial Materials. 2022 , 951-989	O
53	Metal Ion-Containing Ionic Liquid Catalysts on Solid Supports for Organic Reactions. 2022, 858-878	0
52	Task-Specific Ionic Liquids: Design, Properties, and Applications. 2022 , 1273-1283	O
51	Transition Metal-Catalyzed Coupling Reaction in Ionic Liquids. 2022 , 1312-1320	0
50	Electrocatalytic Reduction of CO2 in Ionic Liquid-Based Electrolytes. 2022 , 343-357	О

49	3D Printed Solid Polymer Electrolytes with Bicontinuous Nanoscopic Domains for Ionic Liquid Conduction and Energy Storage. 2206639	O
48	Fischer Esterification of Benzoic Acid and Polyhydric Alcohols Catalyzed by Basic Ionic Liquids of Bisimidazolium Tungstates. 2023 , 8,	O
47	Interaction between DNA and cationic metalloporphyrins in ionic liquid solutions. A-J	0
46	Liquid polymerized ionic liquids for energy storage applications. 2023 , 376, 121403	O
45	Sugar-based deep eutectic solvent-aqueous two-phase system. 2023 , 63-80	0
44	Anion Effect on Forward Osmosis Performance of Tetrabutylphosphonium-Based Draw Solute Having a Lower Critical Solution Temperature. 2023 , 13, 211	О
43	Absorption of ethylene dichloride with imidazolium-based ionic liquids. 2023, 376, 121449	0
42	Review of Defect Passivation for NiOx-Based Inverted Perovskite Solar Cells. 2023 , 6, 2098-2121	О
41	Ionothermal Crystallization of SAPO-11 Using Novel Pyridinium Ionic Liquid and Its Catalytic Activity in Esterification of Levulinic Acid into Ethyl Levulinate. 2023 , 13, 433	0
40	Prediction of the Solubility of Acid Gas Hydrogen Sulfide in Green Solvent Ionic Liquids via Quantitative Structure B roperty Relationship Models Based on the Molecular Structure. 2023 , 11, 3917-3931	О
39	Diffusion Measurements To Understand Dynamics and Structuring in Solutions Involving a Homologous Series of Ionic Liquids.	О
38	Friedelt Trafts acylation of benzene derivatives in tunable aryl alkyl ionic liquids (TAAILs). 19, 212-216	О
37	Quinazoli-4-one ionic liquid as a fluorescent sensor for NH3 detection: Interaction with ctDNA, theoretical investigation and live cell bioimaging. 2023 , 235, 123832	0
36	Ionic Liquids: Advances and Applications in Phase Transfer Catalysis. 2023 , 13, 474	1
35	Base-catalyzed Effective C2-Amidation of Azolium Salts Using Isocyanates under Mild Conditions. 2023 , 18,	0
34	pH-Induced Biophysical Perspectives of Binding of Surface-Active Ionic Liquid [BMIM][OSU] with HSA and Dynamics of the Formed Complex. 2023 , 39, 3729-3741	O
33	Review of the role of ionic liquids in two-dimensional materials. 2023 , 18,	0
32	Low-temperature upcycling of polyolefins into liquid alkanes via tandem cracking-alkylation. 2023 , 379, 807-811	O

31	Synthesis of 4-Amino-N-[2 (diethylamino)Ethyl]Benzamide Tetraphenylborate Ion-Associate Complex: Characterization, Antibacterial and Computational Study. 2023 , 28, 2256	Ο
30	Ionic liquids: designer sorbents for CO2 capture. 2023 , 163-191	O
29	MOFs Preparation and Synthetic Approaches. 2023 , 31-44	О
28	Hydroxyl-Directed Rh(III)-Catalyzed Cℍ Functionalization: Access to Benzo[de]chromenes. 2023 , 25, 1622-1627	Ο
27	Synthesis of spinnable melamine formaldehyde resin prepolymer using ionic liquid and performance regulation of melamine fibers. 2023 , 140,	0
26	Lubricity of chelated orthoborate-phosphonium ionic liquids on tetrahedral amorphous carbon and steel surfaces. 2023 , 378, 121571	O
25	Role of Dual Nature of Ionic Liquid in Solvation Dynamics and Rotational Diffusion in Mixed Micelles: A Time-Resolved Fluorescence and Fluorescence Anisotropy Study. 2023 , 8,	0
24	Phase Transitions of Associative Biomacromolecules.	O
23	Quantification and Distribution of Three Types of Hydrogen Bonds in Mixtures of an Ionic Liquid with the Hydrogen-Bond-Accepting Molecular Solvent DMSO Explored by Neutron Diffraction and Molecular Dynamics Simulations. 2023 , 14, 2684-2691	0
22	Effect of cation alkyl chain length on 3-sulfopropylmethacrylate-based draw solutes having lower critical solution temperature. 2023 , 13, 8291-8298	O
21	Simultaneous enhancement of critical heat flux and heat transfer coefficient via in-situ deposition of ionic liquids during pool boiling. 2023 , 208, 124066	0
20	Thermodynamic analysis, synthesis, characterization, and evaluation of 1-ethyl-3-methylimidazolium chloride: Study of its effect on pretreated rice husk. 2023 ,	O
19	Ionogels: recent advances in design, material properties and emerging biomedical applications. 2023 , 52, 2497-2527	0
18	A comprehensive review of sustainable approaches for synthetic lubricant components. 2023, 16,	O
17	Electrically Amplified Circularly Polarized Luminescence by a Chiral Anion Strategy.	0
16	Catalytic response and molecular simulation studies in the development of synthetic routes in trimeric triaryl pyridinium type ionic liquids. 2023 , 13,	O
15	A review of imidazolium ionic liquid-based phase change materials for low and medium temperatures and their applications. 2023 , 100010	0
14	Amine protection by in situ formation of choline chloride-based deep eutectic solvents.	Ο

CITATION REPORT

13	Microstructures of Choline Amino Acid based Biocompatible Ionic Liquids.	О
12	Synergistic Ionic Liquid in Hole Transport Layers for Highly Stable and Efficient Perovskite Solar Cells.	О
11	Ionic Liquids as Promisingly Multi-Functional Participants for Electrocatalyst of Water Splitting: A Review. 2023 , 28, 3051	O
10	Dynamics of potential screening upon electrification of solid-ionic liquid interfaces probed by XPS. 2023 ,	O
9	Thermal Stability and CO Permeability of [C4C1Pyr][NTf2]/Pd(111) Model SCILLs: from UHV to Ambient Pressure.	O
8	Solvation Environments in Porous Ionic Liquids Determine Selectivity in CO2 Conversion to Cyclic Carbonates. 2023 , 127, 3266-3277	o
7	Structure and Reactivity of the Ionic Liquid [C1C1Im][Tf2N] on Cu(111).	0
6	EPR spectroscopy of functional nanostructures: new targeted approaches and applications. 2023 , 72, 312-334	o
5	Pharmaceutical Applications of Ionic Liquids: A Personal Account.	0
4	Ionic Liquids and Deep-Eutectic Solvents in Extractive Metallurgy: Mismatch Between Academic Research and Industrial Applicability.	O
3	Recent advances in ionic liquid mediated selective fluorination of organic compounds. 2023, 110133	O
2	Synthetic Access to Bis(pyrazolyl)methanes using cost-efficient Triethylammonium Hydrogen Sulfate Ionic Liquid: Evaluation of Antioxidant Activity via in silico and in vitro Studies. 2023 , 8,	o
1	Translational Dynamics of Imidazolium-Based Ionic Liquids in Acetonitrile Solutions. 2023 , 3, 203-213	O