John D Holbrey

List of Publications by Year in descending order

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| | | 18482 | 17105 |
|----------|----------------|--------------|----------------|
| 124 | 19,777 | 62 | 122 |
| papers | citations | h-index | g-index |
| | | | |
| | | | |
| 133 | 133 | 133 | 13638 |
| all docs | docs citations | times ranked | citing authors |
| | | | |

| # | Article | IF | CITATIONS |
|----|--|--------------|-----------|
| 1 | Dissolution of Cellose with Ionic Liquids. Journal of the American Chemical Society, 2002, 124, 4974-4975. | 13.7 | 4,294 |
| 2 | The phase behaviour of 1-alkyl-3-methylimidazolium tetrafluoroborates; ionic liquids and ionic liquid crystals. Journal of the Chemical Society Dalton Transactions, 1999, , 2133-2140. | 1.1 | 1,121 |
| 3 | Controlling the Aqueous Miscibility of Ionic Liquids:  Aqueous Biphasic Systems of Water-Miscible Ionic Liquids and Water-Structuring Salts for Recycle, Metathesis, and Separations. Journal of the American Chemical Society, 2003, 125, 6632-6633. | 13.7 | 949 |
| 4 | Ionic liquids are not always green: hydrolysis of 1-butyl-3-methylimidazolium hexafluorophosphate. Green Chemistry, 2003, 5, 361. | 9.0 | 902 |
| 5 | lonic liquid crystals: hexafluorophosphate salts. Journal of Materials Chemistry, 1998, 8, 2627-2636. | 6.7 | 653 |
| 6 | Efficient, halide free synthesis of new, low cost ionic liquids: 1,3-dialkylimidazolium salts containing methyl- and ethyl-sulfate anions. Green Chemistry, 2002, 4, 407-413. | 9.0 | 508 |
| 7 | The Heck Reaction in Ionic Liquids:Â A Multiphasic Catalyst System. Organic Letters, 1999, 1, 997-1000. | 4.6 | 493 |
| 8 | Structure of molten 1,3-dimethylimidazolium chloride using neutron diffraction. Journal of Chemical Physics, 2003, 118, 273-278. | 3.0 | 456 |
| 9 | Small-Angle X-ray Scattering Studies of Liquid Crystalline 1-Alkyl-3-methylimidazolium Salts. Chemistry of Materials, 2002, 14, 629-635. | 6.7 | 409 |
| 10 | Designing Ionic Liquids:Â Imidazolium Melts with Inert Carborane Anions. Journal of the American Chemical Society, 2000, 122, 7264-7272. | 13.7 | 372 |
| 11 | Liquid clathrate formation in ionic liquid–aromatic mixturesElectronic supplementary information (ESI) available: crystallographic information, CCDC 200588–200590. See http://www.rsc.org/suppdata/cc/b2/b212726a/ for crystallographic files in CIF or other electronic format Chemical Communications, 2003, , 476-477. | 4.1 | 370 |
| 12 | Ionic liquid salt-induced inactivation and unfolding of cellulase from Trichoderma reesei. Green Chemistry, 2003, 5, 443. | 9.0 | 368 |
| 13 | Crystal polymorphism in 1-butyl-3-methylimidazolium halides: supporting ionic liquid formation by inhibition of crystallizationElectronic supplementary information (ESI) available: packing diagrams for I and II; table of closest contacts for I, I-Br and II. See http://www.rsc.org/suppdata/cc/b3/b304543a/. Chemical Communications. 2003 1636. | 4.1 | 364 |
| 14 | Production of Bioactive Cellulose Films Reconstituted from Ionic Liquids. Biomacromolecules, 2004, 5, 1379-1384. | 5 . 4 | 342 |
| 15 | Structure and Solvation in Ionic Liquids. Accounts of Chemical Research, 2007, 40, 1146-1155. | 15.6 | 314 |
| 16 | Combustible ionic liquids by design: is laboratory safety another ionic liquid myth?. Chemical Communications, 2006, , 2554. | 4.1 | 301 |
| 17 | Small angle neutron scattering from 1-alkyl-3-methylimidazolium hexafluorophosphate ionic liquids ([Cnmim][PF6], n=4, 6, and 8). Journal of Chemical Physics, 2010, 133, 074510. | 3.0 | 273 |
| 18 | Extraction of Cesium Ions from Aqueous Solutions Using Calix[4]arene-bis(tert-octylbenzo-crown-6) in Ionic Liquids. Analytical Chemistry, 2004, 76, 3078-3083. | 6.5 | 256 |

| # | Article | IF | CITATIONS |
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| 19 | Halometallate ionic liquids – revisited. Chemical Society Reviews, 2014, 43, 847-886. | 38.1 | 253 |
| 20 | Crystal structures of imidazolium bis(trifluoromethanesulfonyl)imide â€ionic liquid' salts: the first organic salt with a cis-TFSI anion conformation. Dalton Transactions, 2004, , 2267-2271. | 3.3 | 246 |
| 21 | 1,3-Dimethylimidazolium-2-carboxylate: the unexpected synthesis of an ionic liquid precursor and carbene-CO2 adductElectronic supplementary information (ESI) available: experimental data for 1,3-dimethylimidazolium-2-carboxylate. Supplemental crystal structure data. ORTEP, hydrogen bonding and packing diagrams. See http://www.rsc.org./suppdata/cc/b2/b211519k/. Chemical Communications, | 4.1 | 241 |
| 22 | Application of ionic liquids as plasticizers for poly(methyl methacrylate). Chemical Communications, 2002, , 1370-1371. | 4.1 | 233 |
| 23 | Desulfurisation of oils using ionic liquids: selection of cationic and anionic components to enhance extraction efficiency. Green Chemistry, 2008, 10, 87-92. | 9.0 | 219 |
| 24 | Glucose Solvation by the Ionic Liquid 1,3-Dimethylimidazolium Chloride:  A Simulation Study. Journal of Physical Chemistry B, 2007, 111, 13765-13774. | 2.6 | 205 |
| 25 | Identical extraction behavior and coordination of trivalent or hexavalent f-element cations using ionic liquid and molecular solvents. Dalton Transactions, 2005, , 1966. | 3.3 | 200 |
| 26 | Using Caenorhabditis elegans to probe toxicity of 1 -alkyl- 3 -methylimidazolium chloride based ionic liquids. Chemical Communications, 2004 , , 668 . | 4.1 | 182 |
| 27 | Reaction of elemental chalcogens with imidazolium acetates to yield imidazole-2-chalcogenones: direct evidence for ionic liquids as proto-carbenes. Chemical Communications, 2011, 47, 3222. | 4.1 | 176 |
| 28 | Conventional free radical polymerization in room temperature ionic liquids: a green approach to commodity polymers with practical advantages. Chemical Communications, 2002, , 1368-1369. | 4.1 | 167 |
| 29 | Approaches to crystallization from ionic liquids: complex solvents–complex results, or, a strategy for controlled formation of new supramolecular architectures?. Chemical Communications, 2006, , 4767-4779. | 4.1 | 165 |
| 30 | On the solubilization of water with ethanol in hydrophobic hexafluorophosphate ionic liquids. Green Chemistry, 2002, 4, 81-87. | 9.0 | 159 |
| 31 | Ionic Liquid-Reconstituted Cellulose Composites as Solid Support Matrices for Biocatalyst Immobilization. Biomacromolecules, 2005, 6, 2497-2502. | 5.4 | 152 |
| 32 | Kinetic model for the hydrolysis of lignocellulosic biomass in the ionic liquid, 1-ethyl-3-methyl-imidazolium chloride. Green Chemistry, 2009, 11, 390. | 9.0 | 149 |
| 33 | Prediction of the Formation and Stabilities of Energetic Salts and Ionic Liquids Based on ab Initio Electronic Structure Calculations. Journal of Physical Chemistry B, 2005, 109, 23196-23208. | 2.6 | 141 |
| 34 | Hydrophobic ionic liquids incorporating N-alkylisoquinolinium cations and their utilization in liquid–liquid separations. Chemical Communications, 2001, , 2484-2485. | 4.1 | 137 |
| 35 | Mercury(ii) partitioning from aqueous solutions with a new, hydrophobic ethylene-glycol functionalized bis-imidazolium ionic liquidThis work was presented at the Green Solvents for Catalysis Meeting held in Bruchsal, Germany, 13–16th October 2002 Green Chemistry, 2003, 5, 129-135. | 9.0 | 130 |
| 36 | Neutron diffraction, NMR and molecular dynamics study of glucose dissolved in the ionic liquid 1-ethyl-3-methylimidazolium acetate. Chemical Science, 2011, 2, 1594. | 7.4 | 121 |

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|----|--|------|-----------|
| 37 | Molecular layering and local order in thin films of 1-alkyl-3-methylimidazolium ionic liquids using X-ray reflectivity. Molecular Physics, 2001, 99, 795-800. | 1.7 | 119 |
| 38 | Structure and Dynamics of 1-Ethyl-3-methylimidazolium Acetate via Molecular Dynamics and Neutron Diffraction. Journal of Physical Chemistry B, 2010, 114, 7760-7768. | 2.6 | 117 |
| 39 | New ionic liquids containing an appended hydroxyl functionality from the atom-efficient, one-pot reaction of 1-methylimidazole and acid with propylene oxide. Green Chemistry, 2003, 5, 731. | 9.0 | 115 |
| 40 | A Molecular Dynamics Study of Glucose Solvation in the Ionic Liquid 1,3-Dimethylimidazolium Chloride. ChemPhysChem, 2006, 7, 2279-2281. | 2.1 | 115 |
| 41 | Understanding the Effects of Ionicity in Salts, Solvates, Co-Crystals, Ionic Co-Crystals, and Ionic Liquids, Rather than Nomenclature, Is Critical to Understanding Their Behavior. Crystal Growth and Design, 2013, 13, 965-975. | 3.0 | 115 |
| 42 | New catanionic surfactants based on 1-alkyl-3-methylimidazolium alkylsulfonates, [CnH2n+1mim][CmH2m+1SO3]: mesomorphism and aggregation. Physical Chemistry Chemical Physics, 2009, 11, 4260. | 2.8 | 111 |
| 43 | Gelation of Ionic Liquids Using a Cross-Linked Poly(Ethylene Glycol) Gel Matrix. Chemistry of Materials, 2004, 16, 3091-3097. | 6.7 | 108 |
| 44 | An ionic liquid process for mercury removal from natural gas. Dalton Transactions, 2015, 44, 8617-8624. | 3.3 | 104 |
| 45 | 1-Butyl-3-methylimidazolium 3,5-dinitro-1,2,4-triazolate: a novel ionic liquid containing a rigid, planar energetic anion. Chemical Communications, 2005, , 868. | 4.1 | 99 |
| 46 | A simple colorimetric method for the quality control of 1-alkyl-3-methylimidazolium ionic liquid precursors. Green Chemistry, 2001, 3, 33-36. | 9.0 | 98 |
| 47 | Solid-State Analysis of Low-Melting 1,3-Dialkylimidazolium Hexafluorophosphate Salts (Ionic Liquids) by Combined X-ray Crystallographic and Computational Analyses. Crystal Growth and Design, 2007, 7, 1106-1114. | 3.0 | 97 |
| 48 | Hydrophobic Deep Eutectic Solvents Incorporating Trioctylphosphine Oxide: Advanced Liquid Extractants. ACS Sustainable Chemistry and Engineering, 2018, 6, 17323-17332. | 6.7 | 96 |
| 49 | lonic liquids via reaction of the zwitterionic 1,3-dimethylimidazolium-2-carboxylate with protic acids. Overcoming synthetic limitations and establishing new halide free protocols for the formation of ILs. Green Chemistry, 2007, 9, 90-98. | 9.0 | 93 |
| 50 | Alternating copolymerisation of styrene and carbon monoxide in ionic liquids. Green Chemistry, 2002, 4, 143-146. | 9.0 | 84 |
| 51 | Crystal and liquid crystalline polymorphism in 1-alkyl-3-methylimidazolium tetrachloropalladate(ii) salts. Journal of Materials Chemistry, 2001, 11, 346-350. | 6.7 | 83 |
| 52 | Heat Capacities of Ionic Liquids and Their Applications as Thermal Fluids. ACS Symposium Series, 2003, , 121-133. | 0.5 | 81 |
| 53 | Solvation of 1-butyl-3-methylimidazolium hexafluorophosphate in aqueous ethanolââ,¬â€œa green solution for dissolving ââ,¬Ëœhydrophobicââ,¬â"¢ ionic liquids. Chemical Communications, 2001, , 2070-2071 | .4.1 | 76 |
| 54 | In Search of Ionic Liquids Incorporating Azolate Anions. Chemistry - A European Journal, 2006, 12, 4630-4641. | 3.3 | 76 |

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| 55 | Glycolysis of PET Using 1,3-Dimethylimidazolium-2-Carboxylate as an Organocatalyst. ACS Sustainable Chemistry and Engineering, 2020, 8, 13362-13368. | 6.7 | 76 |
| 56 | Separations of metal ions using ionic liquids: The challenges of multiple mechanisms. Tsinghua Science and Technology, 2006, 11, 188-193. | 6.1 | 74 |
| 57 | Ion Association in [bmim][PF ₆]/Naphthalene Mixtures: An Experimental and Computational Study. Journal of the American Chemical Society, 2008, 130, 7032-7041. | 13.7 | 72 |
| 58 | Ionic liquids as solvent and solvent additives for the synthesis of sol–gel materials. Journal of Materials Chemistry, 2005, 15, 5174. | 6.7 | 71 |
| 59 | Polar, non-coordinating ionic liquids as solvents for the alternating copolymerization of styrene and CO catalyzed by cationic palladium catalystsElectronic supplementary information (ESI) available: experimental details. See http://www.rsc.org/suppdata/cc/b2/b203367d/. Chemical Communications, 2002 1394-1395. | 4.1 | 67 |
| 60 | Inclusions between large flat organic molecules; the induction of columns and mesophases. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 1996, 24, 19-41. | 1.6 | 64 |
| 61 | A highly efficient synthetic procedure for deuteriating imidazoles and imidazolium salts. Chemical Communications, 2001, , 367-368. | 4.1 | 64 |
| 62 | Templated electrodeposition of silver nanowires in a nanoporous polycarbonate membrane from a nonaqueous ionic liquid electrolyte. Applied Physics A: Materials Science and Processing, 2007, 86, 373-375. | 2.3 | 63 |
| 63 | Strategies toward the design of energetic ionic liquids: nitro- and nitrile-substituted N,Nâ \in ² -dialkylimidazolium salts. New Journal of Chemistry, 2006, 30, 349. | 2.8 | 62 |
| 64 | Investigation of glycerol hydrogen-bonding networks in choline chloride/glycerol eutectic-forming liquids using neutron diffraction. Physical Chemistry Chemical Physics, 2019, 21, 21782-21789. | 2.8 | 61 |
| 65 | Solubilization of an Ionic Liquid, l-Butyl-3-methylimidazolium Hexafluorophosphate, in a Surfactant-Water System. Journal of Dispersion Science and Technology, 2000, 21, 185-197. | 2.4 | 55 |
| 66 | Sensor technologies based on a cellulose supported platform. Chemical Communications, 2007, , 2025-2027. | 4.1 | 51 |
| 67 | Methylation using dimethylcarbonate catalysed by ionic liquids under continuous flow conditions. Green Chemistry, 2012, 14, 3071. | 9.0 | 50 |
| 68 | A comparison of choline:urea and choline:oxalic acid deep eutectic solvents at 338 K. Journal of Chemical Physics, 2018, 148, 193823. | 3.0 | 48 |
| 69 | Amphiphilic terpyridine complexes of ruthenium and rhodium displaying lyotropic mesomorphism. Journal of the Chemical Society Dalton Transactions, 1995, , 1769. | 1.1 | 45 |
| 70 | Application of Poly(ethylene glycol)-based Aqueous Biphasic Systems as Reaction and Reactive Extraction Media. Industrial & Earn Engineering Chemistry Research, 2004, 43, 5358-5364. | 3.7 | 45 |
| 71 | Liquid Structure of the Ionic Liquid, 1-Methyl-4-cyanopyridinium Bis{(trifluoromethyl)sulfonyl}imide Determined from Neutron Scattering and Molecular Dynamics Simulations. Journal of Physical Chemistry B, 2008, 112, 8049-8056. | 2.6 | 45 |
| 72 | A greener, halide-free approach to ionic liquid synthesis. Pure and Applied Chemistry, 2011, 84, 723-744. | 1.9 | 42 |

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| 73 | Lyotropic mesomorphism in surfactant bipyridine complexes of Ru II. Journal of Materials Chemistry, 1993, 3, 905. | 6.7 | 41 |
| 74 | Designing ionic liquids with boron cluster anions: alkylpyridinium and imidazolium [nido-C2B9H11] and [closo-CB11H12] carborane salts. Dalton Transactions, 2008, , 2999. | 3.3 | 40 |
| 75 | Br $	ilde{A}_i$ nsted acids in ionic liquids: how acidity depends on the liquid structure. Physical Chemistry Chemical Physics, 2014, 16, 23233-23243. | 2.8 | 40 |
| 76 | A Method for Studying the Structure of Low-Temperature Ionic Liquids by XAFS. Analytical Chemistry, 1999, 71, 4572-4574. | 6.5 | 39 |
| 77 | Solid and liquid charge-transfer complex formation between 1-methylnaphthalene and 1-alkyl-cyanopyridinium bis{(trifluoromethyl)sulfonyl}imide ionic liquids. Physical Chemistry Chemical Physics, 2010, 12, 1842. | 2.8 | 39 |
| 78 | Thermal Properties of Choline Chloride/Urea System Studied under Moisture-Free Atmosphere. Journal of Chemical & Data, 2019, 64, 5248-5255. | 1.9 | 38 |
| 79 | Determining relative rates of cellulose dissolution in ionic liquids through in situ viscosity measurement. Chemical Communications, 2012, 48, 5620. | 4.1 | 37 |
| 80 | Optimised microwave-assisted synthesis of methylcarbonate salts: a convenient methodology to prepare intermediates for ionic liquid libraries. Green Chemistry, 2010, 12, 407-413. | 9.0 | 35 |
| 81 | Selection of Ionic Liquids for Green Chemical Applications. ACS Symposium Series, 2003, , 2-12. | 0.5 | 31 |
| 82 | Ionic liquid characteristics of 1-alkyl-n-cyanopyridinium and 1-alkyl-n-(trifluoromethyl)pyridinium salts. New Journal of Chemistry, 2008, 32, 1953. | 2.8 | 29 |
| 83 | Structure and dynamics of aqueous 2-propanol: a THz-TDS, NMR and neutron diffraction study. Physical Chemistry Chemical Physics, 2015, 17, 30481-30491. | 2.8 | 29 |
| 84 | Intermolecular structure and hydrogen-bonding in liquid 1,2-propylene carbonate and 1,2-glycerol carbonate determined by neutron scattering. Physical Chemistry Chemical Physics, 2017, 19, 2867-2876. | 2.8 | 28 |
| 85 | Lewis Superacidic Ionic Liquids with Tricoordinate Borenium Cations. Angewandte Chemie - International Edition, 2015, 54, 14970-14973. | 13.8 | 27 |
| 86 | Phase Behaviour, Interactions, and Structural Studies of (Amines+Ionic Liquids) Binary Mixtures. ChemPhysChem, 2012, 13, 1825-1835. | 2.1 | 24 |
| 87 | Flat Mesomorphic Metal Organyls. Molecular Crystals and Liquid Crystals, 1996, 288, 189-200. | 0.3 | 23 |
| 88 | Amphotropic Properties of Multi-Palladium and -Platinum Liquid Crystals [1]. Molecular Crystals and Liquid Crystals, 1997, 292, 123-139. | 0.3 | 23 |
| 89 | Frustrated Lewis pairs in ionic liquids and molecular solvents – a neutron scattering and NMR study of encounter complexes. Chemical Communications, 2018, 54, 8689-8692. | 4.1 | 23 |
| 90 | Physicochemical Properties of Ionic Liquids. , 0, , 41-126. | | 22 |

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| 91 | Green Industrial Applications of Ionic Liquids: Technology Review. ACS Symposium Series, 2002, , 446-458. | 0.5 | 20 |
| 92 | Application of polyethylene glycol-based aqueous biphasic reactive extraction to the catalytic oxidation of cyclic olefins. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2004, 807, 145-149. | 2.3 | 20 |
| 93 | Recalling COIL. Green Chemistry, 2006, 8, 411. | 9.0 | 20 |
| 94 | Association and liquid structure of pyridine–acetic acid mixtures determined from neutron scattering using a â€ ⁻ free proton' EPSR simulation model. Physical Chemistry Chemical Physics, 2015, 17, 6767-6777. | 2.8 | 19 |
| 95 | Hydrophobic functional liquids based on trioctylphosphine oxide (TOPO) and carboxylic acids. Physical Chemistry Chemical Physics, 2020, 22, 24744-24763. | 2.8 | 19 |
| 96 | Robust Room Temperature Hysteresis in an Fe ^{III} Spin Crossover Metallomesogen. European Journal of Inorganic Chemistry, 2016, 2016, 2025-2029. | 2.0 | 17 |
| 97 | The structure of [Co(H-tptz)Cl3]·H2O (tptz=2,4,6-tri(2-pyridyl)-1,3,5-triazine) prepared by crystallization from the ionic liquid, N-butyl-N-methyl-pyrrolidinium bis(trifluoromethanesulfonyl)imide. Journal of Chemical Crystallography, 2006, 36, 799-804. | 1.1 | 16 |
| 98 | Ionic liquid S-alkylthiouronium salts. New Journal of Chemistry, 2010, 34, 1981. | 2.8 | 16 |
| 99 | Green Chemistry and Ionic Liquids: Synergies and Ironies. ACS Symposium Series, 2002, , 2-14. | 0.5 | 15 |
| 100 | Mercury capture on a supported chlorocuprate(<scp>ii</scp>) ionic liquid adsorbent studied using operando synchrotron X-ray absorption spectroscopy. Dalton Transactions, 2016, 45, 18946-18953. | 3.3 | 14 |
| 101 | lonic Liquid Technologies for Utilization in Nuclear-Based Separations. ACS Symposium Series, 2005, , 33-48. | 0.5 | 13 |
| 102 | Applying Ionic Liquids for Controlled Processing of Polymer Materials. ACS Symposium Series, 2005, , 71-87. | 0.5 | 12 |
| 103 | Molecular modelling of carboranes using distance restraints: the molecular dynamics simulation of appended thioether macrocycles. Journal of the Chemical Society Dalton Transactions, 1993, , 1451-1461. | 1.1 | 11 |
| 104 | Solvation Structure of Uracil in Ionic Liquids. ChemPhysChem, 2016, 17, 3923-3931. | 2.1 | 11 |
| 105 | An introduction to zwitterionic salts. Green Chemistry, 2017, 19, 4007-4011. | 9.0 | 11 |
| 106 | Applying neutron diffraction with isotopic substitution to the structure and proton-transport pathways in protic imidazolium bis{(trifluoromethyl)sulfonyl}imide ionic liquids. Faraday Discussions, 2018, 206, 247-263. | 3.2 | 11 |
| 107 | The Solution Structure of 1:2 Phenol/N-Methylpyridinium bis{(trifluoromethyl)sulfonyl}imide Liquid Mixtures. Journal of Solution Chemistry, 2015, 44, 621-633. | 1.2 | 10 |
| 108 | Enhanced extraction of phenol from model oils using ionic liquids elucidated with neutron diffraction. Physical Chemistry Chemical Physics, 2020, 22, 10219-10226. | 2.8 | 10 |

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| 109 | Effect of Oxygen-Containing Functional Groups on Protein Stability in Ionic Liquid Solutions. ACS Symposium Series, 2005, , 233-243. | 0.5 | 9 |
| 110 | Structure and dynamics of ionic liquids: general discussion. Faraday Discussions, 2018, 206, 291-337. | 3.2 | 8 |
| 111 | Phase behaviour and thermodynamics: general discussion. Faraday Discussions, 2017, 206, 113-139. | 3.2 | 8 |
| 112 | LCST Phase Behavior and Complexation with Water of an Ionic Liquid Incorporating the 5â€Phenyltetrazolate Anion. ChemPhysChem, 2017, 18, 3384-3389. | 2.1 | 7 |
| 113 | Hydration of sulfobetaine dizwitterions as a function of alkyl spacer length. Physical Chemistry Chemical Physics, 2020, 22, 16040-16050. | 2.8 | 6 |
| 114 | Phenol Recovery from Aromatic Solvents by Formation of Eutectic Liquids with Trialkyl-2,3-dihydroxypropylammonium Chloride Salts. Sustainable Chemistry, 2020, 1, 49-61. | 4.7 | 5 |
| 115 | Hydrophobic <i>n</i> -Alkyl- <i>N</i> -isoquinolinium Salts: Ionic Liquids and Low Melting Solids. ACS Symposium Series, 2007, , 362-380. | 0.5 | 3 |
| 116 | Green Chemistry and Ionic Liquids: Synergies and Ironies. ChemInform, 2002, 33, 243-243. | 0.0 | 3 |
| 117 | Polar, Non-Coordinating Ionic Liquids as Solvents for Coordination Polymerization of Olefins. ACS Symposium Series, 2003, , 300-313. | 0.5 | 2 |
| 118 | Liquid Clathrates. , 2004, , 804-808. | | 2 |
| 119 | 1-Butyl-3-methylimidazolium 3,5-Dinitro-1,2,4-triazolate: A Novel Ionic Liquid Containing a Rigid, Planar Energetic Anion. ChemInform, 2005, 36, no. | 0.0 | 1 |
| 120 | Solution structure of propane and propene dissolved in the ionic liquid 1-butyl-3-methylimidazolium <i>bis</i> {(trifluoromethyl)sulfonyl}imide from neutron diffraction with H/D substitution and empirical potential structure refinement modelling. Molecular Physics, 2019, 117, 3364-3375. | 1.7 | 1 |
| 121 | Using Caenorhabditis elegans to Probe Toxicity of 1-Alkyl-3-methylimidazolium Chloride Based Ionic Liquids ChemInform, 2004, 35, no. | 0.0 | O |
| 122 | A Neutron Diffraction and Molecular Dynamics Investigation of Acetate-Based Ionic Liquids as Solvents for Glucose. ECS Transactions, 2010, 33, 611-620. | 0.5 | 0 |
| 123 | lonic liquids at interfaces: general discussion. Faraday Discussions, 2018, 206, 549-586. | 3.2 | 0 |
| 124 | Transition Metal Catalyzed CO/Olefin Co-Polymerization in Room Temperature Ionic Liquids. ECS Proceedings Volumes, 2002, 2002-19, 213-223. | 0.1 | 0 |