

# Carlos Lafuente

## List of Publications by Citations

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202  
papers

3,745  
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31  
h-index

44  
g-index

209  
ext. papers

4,050  
ext. citations

3.3  
avg, IF

5.34  
L-index

| #   | Paper   | IF    | Citations |
|-----|---|-------|-----------|
| 202 | Physicochemical properties of green solvents derived from biomass. <i>Green Chemistry</i> , <b>2011</b> , 13, 2062  | 10    | 121       |
| 201 | Ferromagnetic Langmuir-Blodgett Film Based on Prussian Blue. <i>Langmuir</i> , <b>1999</b> , 15, 289-292  | 4     | 92        |
| 200 | Thermophysical comparative study of two isomeric pyridinium-based ionic liquids. <i>Journal of Physical Chemistry B</i> , <b>2008</b> , 112, 3077-84  | 3.4   | 80        |
| 199 | Study of weak molecular interactions through thermodynamic mixing properties. <i>Journal of Physical Chemistry B</i> , <b>2006</b> , 110, 17683-90  | 3.4   | 69        |
| 198 | Surface tensions for isomeric chlorobutanes with isomeric butanols. <i>Journal of Colloid and Interface Science</i> , <b>2004</b> , 275, 284-9  | 9.3   | 67        |
| 197 | Anion influence on thermophysical properties of ionic liquids: 1-butylpyridinium tetrafluoroborate and 1-butylpyridinium triflate. <i>Journal of Physical Chemistry B</i> , <b>2010</b> , 114, 3601-7                                       | 3.4   | 65        |
| 196 | Thermophysical characterization of the deep eutectic solvent choline chloride:ethylene glycol and one of its mixtures with water. <i>Fluid Phase Equilibria</i> , <b>2019</b> , 492, 1-9  | 2.5   | 61        |
| 195 | On the viscosity of pyridinium based ionic liquids: an experimental and computational study. <i>Journal of Physical Chemistry B</i> , <b>2011</b> , 115, 12499-513  | 3.4   | 58        |
| 194 | The NADES glyceline as a potential Green Solvent: A comprehensive study of its thermophysical properties and effect of water inclusion. <i>Journal of Chemical Thermodynamics</i> , <b>2019</b> , 128, 164-172                              | 2.9   | 57        |
| 193 | Study of the conductivity behavior of pyridinium-based ionic liquids. <i>Electrochimica Acta</i> , <b>2010</b> , 55, 2252-2257  | 12.57 | 56        |
| 192 | NMR study of choline chloride-based deep eutectic solvents. <i>Journal of Molecular Liquids</i> , <b>2019</b> , 290, 111236   | 6     | 52        |
| 191 | Densities, speeds of sound, and isentropic compressibilities of a cyclic ether with chlorocyclohexane, or bromocyclohexane at the temperatures 298.15 K and 313.15 K. <i>Journal of Chemical Thermodynamics</i> , <b>1999</b> , 31, 139-149 | 2.9   | 47        |
| 190 | Physicochemical characterization of n-butyl-3-methylpyridinium dicyanamide [corrected] ionic liquid. <i>Journal of Physical Chemistry B</i> , <b>2008</b> , 112, 12461-7  | 3.4   | 45        |
| 189 | Volumetric and refractive properties of binary mixtures containing 1,4-dioxane and chloroalkanes. <i>Journal of Chemical Thermodynamics</i> , <b>2007</b> , 39, 148-157   | 2.9   | 44        |
| 188 | Excess thermodynamic properties of isomeric butanols with 2-methyl-tetrahydrofuran. <i>Journal of Molecular Liquids</i> , <b>2003</b> , 108, 303-311  | 6     | 43        |
| 187 | Electrochemistry of Langmuir-Blodgett Films Based on Prussian Blue. <i>Langmuir</i> , <b>1998</b> , 14, 6347-6349   | 4     | 41        |
| 186 | FTIR Behavior of Several Chemicals from Biomass. <i>Energy &amp; Fuels</i> , <b>2011</b> , 25, 3009-3013  | 4.1   | 40        |

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| 185 | Thermophysical Properties of Three Compounds from the Acrylate Family. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2013</b> , 58, 1193-1202   | 2.8 | 39 |
| 184 | Study of the Surface Tensions of Cyclohexane or Methylcyclohexane with Some Cyclic Ethers. <i>Journal of Solution Chemistry</i> , <b>2005</b> , 34, 185-198  | 1.8 | 39 |
| 183 | Aggregation Behavior of Pyridinium-Based Ionic Liquids in Aqueous Solution. <i>Journal of Solution Chemistry</i> , <b>2009</b> , 38, 1622-1634   | 1.8 | 38 |
| 182 | Speeds of Sound and Isentropic Compressibilities of Binary Mixtures Containing Cyclic Ethers and Haloalkanes at 298.15 and 313.15 K. <i>International Journal of Thermophysics</i> , <b>2004</b> , 25, 1735-1746 | 2.1 | 38 |
| 181 | Thermophysical Properties of N-Octyl-3-methylpyridinium Tetrafluoroborate. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2009</b> , 54, 236-240   | 2.8 | 36 |
| 180 | Study of the Surface Tension of Chlorocyclohexane or Bromocyclohexane with Some Cyclic Ethers. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2005</b> , 50, 1334-1337                                   | 2.8 | 35 |
| 179 | Refractive indices and molar refractions for isomeric chlorobutanes with isomeric butanols. <i>Physics and Chemistry of Liquids</i> , <b>2005</b> , 43, 13-23  | 1.5 | 35 |
| 178 | Thermophysical study of 1-butyl-2-methylpyridinium tetrafluoroborate ionic liquid. <i>Journal of Physical Chemistry B</i> , <b>2009</b> , 113, 11936-42  | 3.4 | 34 |
| 177 | Viscosities of Binary Mixtures of Isomeric Butanols or Isomeric Chlorobutanes with 2-Methyltetrahydrofuran. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2003</b> , 48, 1296-1300                      | 2.8 | 33 |
| 176 | Viscosity Measurements for the Binary Mixtures of 1,2-Dichloroethane or 1,2-Dibromoethane with Isomeric Butanols. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2000</b> , 45, 86-91                    | 2.8 | 33 |
| 175 | Thermophysical study of the n-hexane or n-heptane with 1-chloropropane systems. <i>Thermochimica Acta</i> , <b>2011</b> , 525, 71-77   | 2.9 | 32 |
| 174 | Viscosimetric Study of Some Cyclic Ethers with Benzene, Toluene, or Halobenzene. <i>Journal of Solution Chemistry</i> , <b>2004</b> , 33, 1119-1133  | 1.8 | 32 |
| 173 | A Langmuir-Blodgett film presenting a ferromagnetic state below 25 K. <i>Chemical Physics Letters</i> , <b>1999</b> , 302, 523-527   | 2.5 | 32 |
| 172 | Thermophysical study of methyl levulinate. <i>Journal of Chemical Thermodynamics</i> , <b>2013</b> , 65, 34-41   | 2.9 | 31 |
| 171 | Volumetric and refractive properties of binary mixtures containing 1,3-dioxolane and isomeric chlorobutanes. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2006</b> , 83, 735-745                      | 4.1 | 31 |
| 170 | Densities and Viscosities of the Binary Mixtures of Tetrahydrofuran with Isomeric Chlorobutanes at 298.15 K and 313.15 K. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2006</b> , 51, 1321-1325        | 2.8 | 30 |
| 169 | Physicochemical Study of n-Ethylpyridinium bis(trifluoromethylsulfonyl)imide Ionic Liquid. <i>Journal of Solution Chemistry</i> , <b>2014</b> , 43, 696-710  | 1.8 | 29 |
| 168 | Thermophysical properties of lactates. <i>Thermochimica Acta</i> , <b>2014</b> , 575, 305-312  | 2.9 | 29 |

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| 167 | Study of the Temperature Dependence of Surface Tensions of Some Alkanol + Hexane Mixtures. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2007</b> , 52, 1904-1907                             | 2.8 | 29 |
| 166 | Excess molar enthalpies of 1,3-dioxolane, or 1,4-dioxane with isomeric butanols. <i>Journal of Chemical Thermodynamics</i> , <b>2002</b> , 34, 1351-1360   | 2.9 | 29 |
| 165 | Isobaric Vapor-Liquid Equilibria for Binary Mixtures of 1-Chlorobutane with Isomeric Butanols at 40.0 and 101.3 kPa. <i>Journal of Chemical &amp; Engineering Data</i> , <b>1994</b> , 39, 729-732     | 2.8 | 29 |
| 164 | Thermophysical properties of 1-propylpyridinium tetrafluoroborate. <i>Journal of Chemical Thermodynamics</i> , <b>2012</b> , 44, 148-153   | 2.9 | 28 |
| 163 | Proton sponge and fatty acid interactions at the air-water interface. Thermodynamic, spectroscopic, and microscopic study. <i>Langmuir</i> , <b>2005</b> , 21, 2796-803                                | 4   | 28 |
| 162 | Thermodynamic study of mixtures containing oxygenated compounds. <i>Journal of Molecular Liquids</i> , <b>2002</b> , 95, 157-165   | 6   | 28 |
| 161 | Langmuir and LangmuirBlodgett Films of a Phosphorus Derivative. <i>Langmuir</i> , <b>1996</b> , 12, 5881-5887  | 4   | 28 |
| 160 | Excess volumes and excess viscosities of binary mixtures of cyclohexane + picoline. <i>Thermochimica Acta</i> , <b>1993</b> , 230, 55-63   | 2.9 | 28 |
| 159 | A comprehensive study of the thermophysical properties of relene and hydrated relene. <i>Journal of Molecular Liquids</i> , <b>2020</b> , 303, 112679  | 6   | 27 |
| 158 | Thermodynamic properties of binary mixtures combining two pyridinium-based ionic liquids and two alkanols. <i>Journal of Chemical Thermodynamics</i> , <b>2012</b> , 51, 17-24                         | 2.9 | 27 |
| 157 | Excess volumes and excess viscosities of binary mixtures of 2-chloro-2-methylpropane with isomeric butanols at 298.15 K. <i>Canadian Journal of Chemistry</i> , <b>1994</b> , 72, 1921-1925            | 0.9 | 27 |
| 156 | Experimental and predicted viscosities of binary mixtures of cyclic ethers with 1-chloropentane or 1-chlorohexane at 283.15, 298.15, and 313.15K. <i>Thermochimica Acta</i> , <b>2009</b> , 484, 22-26 | 2.9 | 26 |
| 155 | Thermodynamic study of binary mixtures containing 1-butylpyridinium tetrafluoroborate and methanol, or ethanol. <i>Journal of Chemical Thermodynamics</i> , <b>2010</b> , 42, 1500-1505                | 2.9 | 26 |
| 154 | Viscosities of binary mixtures of 1,3-dioxolane or 1,4-dioxane with isomeric chlorobutanes. <i>Journal of Molecular Liquids</i> , <b>2006</b> , 129, 176-180   | 6   | 26 |
| 153 | Experimental and Theoretical Study of Two Pyridinium-Based Ionic Liquids. <i>Journal of Solution Chemistry</i> , <b>2012</b> , 41, 1836-1852   | 1.8 | 25 |
| 152 | Volumetric characterization of pyridinium-based ionic liquids. <i>Fluid Phase Equilibria</i> , <b>2012</b> , 317, 102-109  | 2.5 | 25 |
| 151 | Hybrid Langmuir and LangmuirBlodgett films of a viologen derivative and TCNQ in a mixed valence state: preparation route and characterization. <i>Surface Science</i> , <b>2004</b> , 563, 27-40       | 1.8 | 25 |
| 150 | Thermophysical study of the furan family. <i>Thermochimica Acta</i> , <b>2015</b> , 617, 54-64   | 2.9 | 24 |

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| 149 | Thermophysical study of 1,4-dioxane with cycloalkane mixtures. <i>Journal of Chemical Thermodynamics</i> , <b>2006</b> , 38, 871-878   | 2.9 | 24 |
| 148 | Langmuir and LangmuirBlodgett Films of a Viologen Derivative. <i>Langmuir</i> , <b>1998</b> , 14, 7306-7312  | 4   | 24 |
| 147 | Ionic Conductivities of Binary Mixtures Containing Pyridinium-Based Ionic Liquids and Alkanols. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2013</b> , 58, 1613-1620                    | 2.8 | 23 |
| 146 | Experimental and Predicted Kinematic Viscosities for Alkane + Chloroalkane Mixtures. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2011</b> , 56, 3133-3141                               | 2.8 | 23 |
| 145 | Densities and Viscosities of Binary Mixtures of Some Cyclic Ethers + Chlorocyclohexane at 298.15 and 313.15 K. <i>Journal of Chemical &amp; Engineering Data</i> , <b>1997</b> , 42, 1285-1289     | 2.8 | 23 |
| 144 | Isentropic and Excess Isentropic Compressibilities of Binary Mixtures Containing Cyclic Ethers and Chloroalkanes. <i>Journal of Solution Chemistry</i> , <b>2007</b> , 36, 375-386                 | 1.8 | 23 |
| 143 | Surface behavior of the 1-bromobutane with isomeric butanol mixtures. <i>Journal of Physical Chemistry B</i> , <b>2005</b> , 109, 23096-102  | 3.4 | 23 |
| 142 | Thermophysical properties of the binary mixtures of 2-methyl-tetrahydrofuran with benzene and halobenzenes. <i>Thermochimica Acta</i> , <b>2005</b> , 439, 1-7                                     | 2.9 | 23 |
| 141 | Thermodynamic and Transport Properties of Binary Mixtures Containing 1,3-Dioxolane. <i>International Journal of Thermophysics</i> , <b>1999</b> , 20, 1435-1448                                    | 2.1 | 23 |
| 140 | Viscosities of 1-chlorobutane and 1,4-dichlorobutane with isomeric butanols at 25 and 40°C. <i>Journal of Solution Chemistry</i> , <b>1996</b> , 25, 303-313                                       | 1.8 | 23 |
| 139 | Surface study of binary mixtures containing chlorinated and oxygenated compounds. <i>Journal of Molecular Liquids</i> , <b>2013</b> , 181, 1-7   | 6   | 22 |
| 138 | Viscosimetric Study of Binary Mixtures Containing Pyridinium-Based Ionic Liquids and Alkanols. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2012</b> , 57, 3549-3556                     | 2.8 | 22 |
| 137 | Thermophysical Properties of the Binary Mixture 1-Propylpyridinium Tetrafluoroborate with Methanol. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2014</b> , 59, 1564-1573                | 2.8 | 20 |
| 136 | Correlation of the volumetric behaviour of pyridinium-based ionic liquids with two different equations. <i>Thermochimica Acta</i> , <b>2012</b> , 531, 21-27                                       | 2.9 | 20 |
| 135 | Langmuir and LangmuirBlodgett Films of Amphiphilic and Nonamphiphilic TTF Derivatives and Their Mixtures. <i>Langmuir</i> , <b>1997</b> , 13, 4892-4897  | 4   | 20 |
| 134 | Isothermal vapour-liquid equilibrium for cyclic ethers with 1-chloropentane. <i>Fluid Phase Equilibria</i> , <b>2007</b> , 251, 8-16   | 2.5 | 20 |
| 133 | Vapor-Liquid Equilibrium and Volumetric Measurements for Binary Mixtures of 1,4-Dioxane with Isomeric Chlorobutanes. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2003</b> , 48, 887-891 | 2.8 | 20 |
| 132 | Excess Molar Enthalpies for Isomeric Chlorobutanes with Isomeric Butanols. <i>Physics and Chemistry of Liquids</i> , <b>2001</b> , 39, 665-673   | 1.5 | 20 |

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| 131 | Excess volumes of binary mixtures of 1,3-dichloropropane with isomeric butanols at 298.15 and 313.15 K. <i>Journal of Chemical &amp; Engineering Data</i> , <b>1993</b> , 38, 554-555   | 2.8 | 20 |
| 130 | Thermodynamic properties of binary mixtures formed by cyclic ethers and chloroalkanes. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2007</b> , 90, 587-595   | 4.1 | 19 |
| 129 | Thermophysical Properties of Mixtures of Tetrahydropyran with Chlorobutanes. <i>International Journal of Thermophysics</i> , <b>2006</b> , 27, 1406-1418  | 2.1 | 19 |
| 128 | Excess and partial excess molar volumes of 1,4-dichlorobutane with butanols at 25 and 40°C. <i>Journal of Solution Chemistry</i> , <b>1994</b> , 23, 561-568  | 1.8 | 19 |
| 127 | Study of the Surface Tensions of Binary Mixtures of Isomeric Chlorobutanes with Methyl tert-Butyl Ether. <i>Journal of Solution Chemistry</i> , <b>2011</b> , 40, 1173-1186   | 1.8 | 18 |
| 126 | Kinematic Viscosities for Ether + Alkane Mixtures: Experimental Results and UNIFAC-VISCO Parameters. <i>International Journal of Thermophysics</i> , <b>2008</b> , 29, 457-467  | 2.1 | 18 |
| 125 | Excess properties of the ternary system cyclohexane + 1,3-dioxolane + 1-butanol at 298.15 and 313.15 K. <i>Fluid Phase Equilibria</i> , <b>2002</b> , 202, 385-397  | 2.5 | 18 |
| 124 | Speed of sound and isentropic compressibility of (1-butanol + n-hexane + 1-chlorobutane) and the constituent binary mixtures at the temperatures 298.15 K and 313.15 K. <i>Journal of Chemical Thermodynamics</i> , <b>2000</b> , 32, 155-173 | 2.9 | 18 |
| 123 | Viscosities of the ternary mixture (cyclohexane+tetrahydrofuran+chlorocyclohexane) at 298.15 and 313.15 K. <i>Fluid Phase Equilibria</i> , <b>1999</b> , 164, 143-155   | 2.5 | 18 |
| 122 | Excess Volumes and Excess Viscosities of Binary Mixtures of 2-Chlorobutane with Isomeric Butanols at 298.15 K. <i>Physics and Chemistry of Liquids</i> , <b>1995</b> , 29, 69-77  | 1.5 | 18 |
| 121 | Density, Speed of Sound, Refractive Index, and Viscosity of the Binary Mixtures of N,N-dimethylacetamide with Methanol and Ethanol. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2016</b> , 61, 2946-2953                           | 2.8 | 18 |
| 120 | Characterization of xylitol or citric acid:choline chloride:water mixtures: Structure, thermophysical properties, and quercetin solubility. <i>Food Chemistry</i> , <b>2020</b> , 306, 125610   | 8.5 | 18 |
| 119 | Thermophysical study of the binary mixtures of N,N-dimethylacetamide with 1-propanol and 1-butanol. <i>Journal of Molecular Liquids</i> , <b>2017</b> , 231, 168-173  | 6   | 17 |
| 118 | Volumetric, acoustic and refractive properties at several temperatures of dibutyl ether + 1-chlorobutane system. <i>Journal of Molecular Liquids</i> , <b>2009</b> , 150, 73-76   | 6   | 17 |
| 117 | Experimental values and ERAS model calculations for excess molar volumes and enthalpies of the ternary system 2-butanol + 1,3-dioxolane + cyclohexane. <i>Canadian Journal of Chemistry</i> , <b>2003</b> , 81, 357-363                       | 0.9 | 17 |
| 116 | Viscosities for Binary Mixtures of 1-Bromobutane and 1,4-Dibromobutane with Isomeric Butanols at 298.15 and 313.15 K. <i>International Journal of Thermophysics</i> , <b>2001</b> , 22, 1629-1642   | 2.1 | 17 |
| 115 | Excess volumes and excess viscosities of binary mixtures of some cyclic ethers + bromocyclohexane at 298.15 and 313.15 K. <i>International Journal of Thermophysics</i> , <b>1996</b> , 17, 1281-1288   | 2.1 | 17 |
| 114 | Excess isentropic compressibilities of (an isomer of chlorobutane + an isomer of butanol) at the temperature 298.15 K. <i>Journal of Chemical Thermodynamics</i> , <b>1995</b> , 27, 541-549  | 2.9 | 17 |

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| 113 | Surface and bulk behaviour of some (n-hexane+chloroalkane) mixtures. <i>Journal of Chemical Thermodynamics</i> , <b>2009</b> , 41, 553-559   | 2.9  | 16 |
| 112 | Viscosities of Binary Mixtures Containing Isomeric Chlorobutanes and Diisopropylether: Experimental and Predicted Values. <i>International Journal of Thermophysics</i> , <b>2010</b> , 31, 488-501                | 2.1  | 16 |
| 111 | Phase equilibrium of binary mixtures of cyclic ethers + chlorobutane isomers: experimental measurements and SAFT-VR modeling. <i>Journal of Physical Chemistry B</i> , <b>2007</b> , 111, 9588-97                  | 3.4  | 16 |
| 110 | Surface Tension of Mixtures of Tetrahydrofuran or Tetrahydropyran with Isomeric Chlorobutanes. <i>International Journal of Thermophysics</i> , <b>2007</b> , 28, 1188-1198   | 2.1  | 16 |
| 109 | Excess Molar Enthalpies of Cyclic Ethers with Cyclohexane, Methylcyclohexane, or Chlorocyclohexane. <i>Journal of Solution Chemistry</i> , <b>2001</b> , 30, 795-805   | 1.8  | 16 |
| 108 | Thermophysical Properties of Furfural Compounds. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2014</b> , 59, 329-338   | 2.8  | 15 |
| 107 | Vapour-liquid equilibrium for the binary systems of 2-methyl-1-propanol with some halohydrocarbons at 40.0 and 101.3 kPa. <i>Fluid Phase Equilibria</i> , <b>1997</b> , 134, 163-174                               | 2.5  | 15 |
| 106 | Thermodynamic properties of tetrahydrofuran or tetrahydropyran with 1-chlorohexane. <i>Journal of Molecular Liquids</i> , <b>2008</b> , 139, 138-142   | 6    | 15 |
| 105 | Isobaric VLE data for the binary systems dibromomethane with isomeric butanols at 40.0 and 101.3 kPa. <i>Fluid Phase Equilibria</i> , <b>1995</b> , 108, 185-198   | 2.5  | 15 |
| 104 | Excess volumes and excess viscosities of benzene with picolines. <i>Thermochimica Acta</i> , <b>1994</b> , 237, 35-41  | 2.9  | 15 |
| 103 | Ecotoxicity and biodegradability of pure and aqueous mixtures of deep eutectic solvents: glyceline, ethaline, and reline. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 28, 8812-8821        | 5.1  | 15 |
| 102 | Thermodynamic study of the surface of liquid mixtures containing pyridinium-based ionic liquids and alkanols. <i>Journal of Chemical Thermodynamics</i> , <b>2014</b> , 78, 234-240                                | 2.9  | 14 |
| 101 | Study of isobaric vapour-liquid equilibrium of some cyclic ethers with 1-chloropropane: Experimental results and SAFT-VR modelling. <i>Fluid Phase Equilibria</i> , <b>2009</b> , 278, 62-67                       | 2.5  | 14 |
| 100 | Vapor-Liquid Equilibria for the Binary Systems of 1-Butanol with Some Halohydrocarbons at 40.0 and 101.3 kPa. <i>Journal of Chemical &amp; Engineering Data</i> , <b>1997</b> , 42, 132-136                        | 2.8  | 14 |
| 99  | Excess volumes and excess viscosities of binary mixtures of cyclic ethers with bromobenzene. <i>Journal of Solution Chemistry</i> , <b>1997</b> , 26, 207-215  | 1.8  | 14 |
| 98  | Intermolecular potential model parameters for cyclic ethers and chloroalkanes in the SAFT-VR approach. <i>Fluid Phase Equilibria</i> , <b>2007</b> , 255, 200-206  | 2.5  | 14 |
| 97  | Isobaric vapour-liquid equilibrium of binary and ternary mixtures containing cyclohexane, n-hexane, 1,3-dioxolane and 1-butanol at 40.0 and 101.3 kPa. <i>Chemical Engineering Journal</i> , <b>2002</b> , 88, 1-9 | 14.7 | 14 |
| 96  | Study of tetrahydropyran-chlorobutane VLE using the $\lambda$ and $\eta$ approaches. <i>Fluid Phase Equilibria</i> , <b>2005</b> , 232, 50-56  | 2.5  | 14 |

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| 95 | Densities and Viscosities for the Binary Mixtures (2-Methyl-1-Chloropropane + Isomeric Butanol) at 298.15 and 313.15 K. <i>Physics and Chemistry of Liquids</i> , <b>2001</b> , 39, 739-752   | 1.5 | 14 |
| 94 | Isobaric vapour-liquid equilibrium of binary mixtures of some cyclic ethers with chlorocyclohexane at 40.0 and 101.3 kPa. <i>Thermochimica Acta</i> , <b>2000</b> , 362, 153-160  | 2.9 | 14 |
| 93 | Experimental and Predicted Viscosities of Binary Mixtures Containing Chlorinated and Oxygenated Compounds. <i>International Journal of Thermophysics</i> , <b>2013</b> , 34, 34-46  | 2.1 | 13 |
| 92 | Surface study of mixtures containing cyclic ethers and isomeric chlorobutanes. <i>Journal of Chemical Thermodynamics</i> , <b>2007</b> , 39, 791-797  | 2.9 | 13 |
| 91 | Refractive Indices of the Ternary Mixtures Butanol + n-Hexane + 1-Chlorobutane. <i>Journal of Solution Chemistry</i> , <b>2008</b> , 37, 1499-1510  | 1.8 | 13 |
| 90 | Experimental and Predicted Vapor-Liquid Equilibrium for Cyclic Ethers with 1-Chloropentane. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2005</b> , 44, 6981-6988  | 3.9 | 13 |
| 89 | Thermodynamic study of 2-methyl-tetrahydrofuran with isomeric chlorobutanes. <i>Thermochimica Acta</i> , <b>2005</b> , 429, 233-239   | 2.9 | 13 |
| 88 | Refractive properties of binary mixtures containing pyridinium-based ionic liquids and alkanols. <i>Thermochimica Acta</i> , <b>2013</b> , 572, 39-44   | 2.9 | 12 |
| 87 | Excess volumes of (1,2-dichloroethane or 1,2-dibromoethane + butan-1-ol or butan-2-ol or 2-methylpropan-1-ol or 2-methylpropan-2-ol) at the temperatures 298.15 K and 313.15 K. <i>Journal of Chemical Thermodynamics</i> , <b>1994</b> , 26, 1173-1178 | 2.9 | 12 |
| 86 | Excess molar volumes and vapour pressures of (benzene + each of several isomers of butanol). <i>Journal of Chemical Thermodynamics</i> , <b>1993</b> , 25, 679-685  | 2.9 | 12 |
| 85 | Thermophysical study of 2-acetylthiophene: Experimental and modelled results. <i>Fluid Phase Equilibria</i> , <b>2017</b> , 433, 126-134  | 2.5 | 11 |
| 84 | Self-aggregation of liquids from biomass in aqueous solution. <i>Journal of Chemical Thermodynamics</i> , <b>2013</b> , 66, 131-136   | 2.9 | 11 |
| 83 | The $p_{\text{H}}$ behaviour of the lactate family. <i>Journal of Chemical Thermodynamics</i> , <b>2013</b> , 58, 8-13  | 2.9 | 11 |
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| 71 | Excess isentropic compressibilities of halohydrocarbon + butanol mixture at 298.15 K. <i>Thermochimica Acta</i> , <b>1996</b> , 287, 25-34   | 2.9  | 10 |
| 70 | Effect of temperature on thermal (density), caloric (heat capacity), acoustic (speed of sound) and transport (viscosity) properties of 1-octyl-3-methylimidazolium hexafluorophosphate at atmospheric pressure. <i>Journal of Chemical Thermodynamics</i> , <b>2018</b> , 124, 49-64 | 2.9  | 9  |
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| 57 | Thermophysical properties of two binary aqueous mixtures containing a pyridinium-based ionic liquid. <i>Journal of Chemical Thermodynamics</i> , <b>2016</b> , 99, 116-123   | 2.9 | 8 |
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