# Marisa A A Rocha

List of Publications by Year
in descending order

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|---|---|---|---|
| 35<br>papers | 2,105<br>citations | 279487<br>23<br>h-index | 377514<br>34<br>g-index |
| 35<br>all docs | 35<br>docs citations | 35<br>times ranked | 2385<br>citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Carbon Dioxide Solubilities in Decanoic Acid-Based Hydrophobic Deep Eutectic Solvents. Journal of Chemical & Engineering Data, 2018, 63, 913-919. | 1.0 | 131 |
| 2 | Ionic liquids and deep eutectic solvents for lignocellulosic biomass fractionation. Physical Chemistry Chemical Physics, 2017, 19, 2636-2665. | 1.3 | 217 |
| 3 | Thermophysical properties of imidazolium tricyanomethanide ionic liquids: experiments and molecular simulation. Physical Chemistry Chemical Physics, 2016, 18, 23121-23138. | 1.3 | 31 |
| 4 | Alcohols as molecular probes in ionic liquids: evidence for nanostructuration. Physical Chemistry Chemical Physics, 2016, 18, 19267-19275. | 1.3 | 8 |
| 5 | Densities, viscosities and derived thermophysical properties of water-saturated imidazolium-based ionic liquids. Fluid Phase Equilibria, 2016, 407, 188-196. | 1.4 | 67 |
| 6 | Effect of the Methylation and Nâ€“H Acidic Group on the Physicochemical Properties of Imidazolium-Based Ionic Liquids. Journal of Physical Chemistry B, 2015, 119, 8781-8792. | 1.2 | 23 |
| 7 | Novel 2-alkyl-1-ethylpyridinium ionic liquids: synthesis, dissociation energies and volatility. Physical Chemistry Chemical Physics, 2015, 17, 2560-2572. | 1.3 | 29 |
| 8 | Vapor pressures of 1,3-dialkylimidazolium bis(trifluoromethylsulfonyl)imide ionic liquids with long alkyl chains. Journal of Chemical Physics, 2014, 141, 134502. | 1.2 | 41 |
| 9 | Enthalpies of solution, limiting solubilities, and partial molar heat capacities of n-alcohols in water and in trehalose crowded media. Pure and Applied Chemistry, 2014, 86, 223-231. | 0.9 | 3 |
| 10 | Volatility study of [C1C1im][NTf2] and [C2C3im][NTf2] ionic liquids. Journal of Chemical Thermodynamics, 2014, 68, 317-321. | 1.0 | 34 |
| 11 | Alkylimidazolium Based Ionic Liquids: Impact of Cation Symmetry on Their Nanoscale Structural Organization. Journal of Physical Chemistry B, 2013, 117, 10889-10897. | 1.2 | 207 |
| 12 | Thermophysical properties of [CNâ^'1C1im][PF6] ionic liquids. Journal of Molecular Liquids, 2013, 188, 196-202. | 2.3 | 67 |
| 13 | Evidence of nanostructuration from the heat capacities of the 1,3-dialkylimidazolium bis(trifluoromethylsulfonyl)imide ionic liquid series. Journal of Chemical Physics, 2013, 139, 104502. | 1.2 | 35 |
| 14 | First volatility study of the 1-alkylpyridinium based ionic liquids by Knudsen effusion. Chemical Physics Letters, 2013, 585, 59-62. | 1.2 | 41 |
| 15 | Isomerization effect on the heat capacities and phase behavior of oligophenyls isomers series. Journal of Chemical Thermodynamics, 2013, 63, 78-83. | 1.0 | 7 |
| 16 | Thermodynamic study of selected monoterpenes. Journal of Chemical Thermodynamics, 2013, 60, 117-125. | 1.0 | 38 |
| 17 | Recommended vapor pressure and thermophysical data for ferrocene. Journal of Chemical Thermodynamics, 2013, 57, 530-540. | 1.0 | 53 |
| 18 | Heat capacities at 298.15K of the extended [CnC1im][Ntf2] ionic liquid series. Journal of Chemical Thermodynamics, 2012, 53, 140-143. | 1.0 | 63 |

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|---|---|---|---|
| 19 | Cation Symmetry effect on the Volatility of Ionic Liquids. Journal of Physical Chemistry B, 2012, 116, 10922-10927. | 1.2 | 76 |
| 20 | Phenylnaphthalenes: Sublimation Equilibrium, Conjugation, and Aromatic Interactions. Journal of Physical Chemistry B, 2012, 116, 3557-3570. | 1.2 | 26 |
| 21 | Experimental Support for the Role of Dispersion Forces in Aromatic Interactions. Chemistry - A European Journal, 2012, 18, 8934-8943. | 1.7 | 36 |
| 22 | Thermophysical Characterization of Ionic Liquids Able To Dissolve Biomass. Journal of Chemical & Engineering Data, 2011, 56, 4813-4822. | 1.0 | 295 |
| 23 | High-Accuracy Vapor Pressure Data of the Extended [C<sub>n</sub>C<sub>1</sub>im][Ntf<sub>2</sub>] Ionic Liquid Series: Trend Changes and Structural Shifts. Journal of Physical Chemistry B, 2011, 115, 10919-10926. | 1.2 | 199 |
| 24 | Evaluation of Cationâ^'Anion Interaction Strength in Ionic Liquids. Journal of Physical Chemistry B, 2011, 115, 4033-4041. | 1.2 | 227 |
| 25 | Structural and Thermodynamic Characterization of Polyphenylbenzenes. Journal of Physical Chemistry A, 2011, 115, 11876-11888. | 1.1 | 29 |
| 26 | Reassembling and testing of a high-precision heat capacity drop calorimeter. Heat capacity of some polyphenyls at T= 298.15 K. Journal of Chemical Thermodynamics, 2011, 43, 1818-1823. | 1.0 | 35 |
| 27 | Nickel(II) complexes of Nâ€²-(2-thienylcarbonyl)thiocarbamates O-alkyl-esters: Structural and spectroscopic characterization and evaluation of their microbiological activities. Journal of Molecular Structure, 2011, 990, 86-94. | 1.8 | 5 |
| 28 | Phase transition equilibrium of terthiophene isomers. Journal of Chemical Thermodynamics, 2011, 43, 133-139. | 1.0 | 12 |
| 29 | Molecular energetics of alkyl substituted pyridine N-oxides. Journal of Thermal Analysis and Calorimetry, 2010, 100, 431-439. | 2.0 | 8 |
| 30 | Gaseous Phase Heat Capacity of Benzoic Acid. Journal of Chemical & Engineering Data, 2010, 55, 2799-2808. | 1.0 | 13 |
| 31 | Prediction of environmental parameters of polycyclic aromatic hydrocarbons with COSMO-RS. Chemosphere, 2010, 79, 821-829. | 4.2 | 30 |
| 32 | Synthesis, structural characterization and conformational aspects of thenoylthiocarbamic-O-alkylesters. Journal of Molecular Structure, 2009, 936, 37-45. | 1.8 | 3 |
| 33 | Energetic and Structural Study of Diphenylpyridine Isomers. Journal of Physical Chemistry A, 2009, 113, 11015-11027. | 1.1 | 5 |
| 34 | Phase transition thermodynamics of phenyl and biphenyl naphthalenes. Journal of Chemical Thermodynamics, 2008, 40, 1458-1463. | 1.0 | 11 |
| 35 | 2,6-Diphenylpyridine. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o4833-o4833. | 0.2 | 0 |