

Marisa A A Rocha

List of Publications by Year in descending order

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35
papers

2,105
citations

279487

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h-index

377514

34
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35
all docs

35
docs citations

35
times ranked

2385
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermophysical Characterization of Ionic Liquids Able To Dissolve Biomass. Journal of Chemical & Engineering Data, 2011, 56, 4813-4822.	1.0	295
2	Evaluation of Cation-Anion Interaction Strength in Ionic Liquids. Journal of Physical Chemistry B, 2011, 115, 4033-4041.	1.2	227
3	Ionic liquids and deep eutectic solvents for lignocellulosic biomass fractionation. Physical Chemistry Chemical Physics, 2017, 19, 2636-2665.	1.3	217
4	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
5	High-Accuracy Vapor Pressure Data of the Extended [C ₁ m][Ntf ₂] Ionic Liquid Series: Trend Changes and Structural Shifts. Journal of Physical Chemistry B, 2011, 115, 10919-10926.	1.2	199
6	Carbon Dioxide Solubilities in Decanoic Acid-Based Hydrophobic Deep Eutectic Solvents. Journal of Chemical & Engineering Data, 2018, 63, 913-919.	1.0	131
7	Cation Symmetry effect on the Volatility of Ionic Liquids. Journal of Physical Chemistry B, 2012, 116, 10922-10927.	1.2	76
8	Thermophysical properties of [C ₁ m][PF ₆] ionic liquids. Journal of Molecular Liquids, 2013, 188, 196-202.	2.3	67
9	Densities, viscosities and derived thermophysical properties of water-saturated imidazolium-based ionic liquids. Fluid Phase Equilibria, 2016, 407, 188-196.	1.4	67
10	Heat capacities at 298.15K of the extended [C ₁ m][Ntf ₂] ionic liquid series. Journal of Chemical Thermodynamics, 2012, 53, 140-143.	1.0	63
11	Recommended vapor pressure and thermophysical data for ferrocene. Journal of Chemical Thermodynamics, 2013, 57, 530-540.	1.0	53
12	First volatility study of the 1-alkylpyridinium based ionic liquids by Knudsen effusion. Chemical Physics Letters, 2013, 585, 59-62.	1.2	41
13	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
14	Thermodynamic study of selected monoterpenes. Journal of Chemical Thermodynamics, 2013, 60, 117-125.	1.0	38
15	Experimental Support for the Role of Dispersion Forces in Aromatic Interactions. Chemistry - A European Journal, 2012, 18, 8934-8943.	1.7	36
16	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
17	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
18	Volatility study of [C ₁ m][Ntf ₂] and [C ₂ m][Ntf ₂] ionic liquids. Journal of Chemical Thermodynamics, 2014, 68, 317-321.	1.0	34

#	ARTICLE	IF	CITATIONS
19	Thermophysical properties of imidazolium tricyanomethanide ionic liquids: experiments and molecular simulation. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 23121-23138.	1.3	31
20	Prediction of environmental parameters of polycyclic aromatic hydrocarbons with COSMO-RS. <i>Chemosphere</i> , 2010, 79, 821-829.	4.2	30
21	Structural and Thermodynamic Characterization of Polyphenylbenzenes. <i>Journal of Physical Chemistry A</i> , 2011, 115, 11876-11888.	1.1	29
22	Novel 2-alkyl-1-ethylpyridinium ionic liquids: synthesis, dissociation energies and volatility. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 2560-2572.	1.3	29
23	Phenyl naphthalenes: Sublimation Equilibrium, Conjugation, and Aromatic Interactions. <i>Journal of Physical Chemistry B</i> , 2012, 116, 3557-3570.	1.2	26
24	Effect of the Methylation and N-H Acidic Group on the Physicochemical Properties of Imidazolium-Based Ionic Liquids. <i>Journal of Physical Chemistry B</i> , 2015, 119, 8781-8792.	1.2	23
25	Gaseous Phase Heat Capacity of Benzoic Acid. <i>Journal of Chemical & Engineering Data</i> , 2010, 55, 2799-2808.	1.0	13
26	Phase transition equilibrium of terthiophene isomers. <i>Journal of Chemical Thermodynamics</i> , 2011, 43, 133-139.	1.0	12
27	Phase transition thermodynamics of phenyl and biphenyl naphthalenes. <i>Journal of Chemical Thermodynamics</i> , 2008, 40, 1458-1463.	1.0	11
28	Molecular energetics of alkyl substituted pyridine N-oxides. <i>Journal of Thermal Analysis and Calorimetry</i> , 2010, 100, 431-439.	2.0	8
29	Alcohols as molecular probes in ionic liquids: evidence for nanostructuring. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 19267-19275.	1.3	8
30	Isomerization effect on the heat capacities and phase behavior of oligophenyls isomers series. <i>Journal of Chemical Thermodynamics</i> , 2013, 63, 78-83.	1.0	7
31	Energetic and Structural Study of Diphenylpyridine Isomers. <i>Journal of Physical Chemistry A</i> , 2009, 113, 11015-11027.	1.1	5
32	Nickel(II) complexes of α -(2-thienylcarbonyl)thiocarbamates O-alkyl-esters: Structural and spectroscopic characterization and evaluation of their microbiological activities. <i>Journal of Molecular Structure</i> , 2011, 990, 86-94.	1.8	5
33	Synthesis, structural characterization and conformational aspects of thienylthiocarbamic-O-alkylesters. <i>Journal of Molecular Structure</i> , 2009, 936, 37-45.	1.8	3
34	Enthalpies of solution, limiting solubilities, and partial molar heat capacities of n-alcohols in water and in trehalose crowded media. <i>Pure and Applied Chemistry</i> , 2014, 86, 223-231.	0.9	3
35	2,6-Diphenylpyridine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o4833-o4833.	0.2	0