

Eug nia A Macedo

List of Publications by Year in descending order

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Version: 2024-02-01

163
papers

6,464
citations

44042

48
h-index

95218

68
g-index

165
all docs

165
docs citations

165
times ranked

5180
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Hydrophobic deep eutectic solvents as extraction agents of nitrophenolic pollutants from aqueous systems. <i>Environmental Technology and Innovation</i> , 2022, 25, 102170. | 3.0 | 14 |
| 2 | Determining the dissociation extent of ionic liquids in water using the PDH&AUNQUAC model. <i>Journal of Molecular Liquids</i> , 2022, 348, 118403. | 2.3 | 7 |
| 3 | Calculating the closest approach parameter for ethyl lactate-based ATPS. <i>Fluid Phase Equilibria</i> , 2022, 556, 113389. | 1.4 | 4 |
| 4 | pH Study and Partition of Riboflavin in an Ethyl Lactate-Based Aqueous Two-Phase System with Sodium Citrate. <i>Journal of Chemical & Engineering Data</i> , 2022, 67, 1985-1993. | 1.0 | 10 |
| 5 | Solubility of DNP-amino acids and their partitioning in biodegradable ATPS: Experimental and ePC-SAFT modeling. <i>Fluid Phase Equilibria</i> , 2021, 527, 112830. | 1.4 | 9 |
| 6 | Thermodynamic study of ATPS involving ethyl lactate and different inorganic salts. <i>Separation and Purification Technology</i> , 2021, 275, 119155. | 3.9 | 12 |
| 7 | Thermal Analysis of Binary Mixtures of Imidazolium, Pyridinium, Pyrrolidinium, and Piperidinium Ionic Liquids. <i>Molecules</i> , 2021, 26, 6383. | 1.7 | 1 |
| 8 | Novel ethyl lactate based ATPS for the purification of rutin and quercetin. <i>Separation and Purification Technology</i> , 2020, 252, 117447. | 3.9 | 16 |
| 9 | Partitioning of water&soluble vitamins in biodegradable aqueous two&phase systems: Electrolyte perturbed&chain statistical associating fluid theory predictions and experimental validation. <i>AIChE Journal</i> , 2020, 66, e16984. | 1.8 | 9 |
| 10 | Influence of the alkyl chain cation position on thermal behaviour: (1,2) and (1,4) pyridinium Bis(trifluoromethylsulfonyl)imide - Based ionic liquids. <i>Fluid Phase Equilibria</i> , 2020, 519, 112658. | 1.4 | 5 |
| 11 | Study of Liquid&Liquid Equilibrium of Aqueous Two-Phase Systems Based on Ethyl Lactate and Partitioning of Rutin and Quercetin. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 21196-21204. | 1.8 | 18 |
| 12 | Solubility Enhancement of Vitamins in Water in the Presence of Covitamins: Measurements and ePC-SAFT Predictions. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 21761-21771. | 1.8 | 12 |
| 13 | Partitioning of DNP-Amino Acids in New Biodegradable Choline Amino Acid/Ionic Liquid-Based Aqueous Two-Phase Systems. <i>Journal of Chemical & Engineering Data</i> , 2019, 64, 4733-4740. | 1.0 | 14 |
| 14 | Toward Thermodynamic Predictions of Aqueous Vitamin Solubility: An Activity Coefficient-Based Approach. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 7362-7369. | 1.8 | 39 |
| 15 | Recovery of flavonoids using novel biodegradable choline amino acids ionic liquids based ATPS. <i>Fluid Phase Equilibria</i> , 2019, 493, 1-9. | 1.4 | 20 |
| 16 | Equilibrium in Electrolyte Systems. , 2019, , 529-562. | | 0 |
| 17 | Partitioning of DNP-amino acids in ionic liquid/citrate salt based Aqueous Two-Phase System. <i>Fluid Phase Equilibria</i> , 2019, 484, 82-87. | 1.4 | 19 |
| 18 | Thermal behavior and heat capacities of pyrrolidinium-based ionic liquids by DSC. <i>Fluid Phase Equilibria</i> , 2018, 470, 51-59. | 1.4 | 40 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Ionic Liquids-Based Aqueous Biphasic Systems with Citrate Biodegradable Salts. <i>Journal of Chemical & Engineering Data</i> , 2018, 63, 1103-1108. | 1.0 | 8 |
| 20 | Effect of different organic salts on amino acids partition behaviour in PEG-salt ATPS. <i>Fluid Phase Equilibria</i> , 2018, 456, 84-91. | 1.4 | 20 |
| 21 | New β -galactosidase producers with potential for prebiotic synthesis. <i>Bioresource Technology</i> , 2018, 250, 131-139. | 4.8 | 31 |
| 22 | Dissolution and fractionation of nut shells in ionic liquids. <i>Bioresource Technology</i> , 2017, 227, 188-196. | 4.8 | 36 |
| 23 | Biocatalytic Approaches Using Lactulose: End Product Compared with Substrate. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2016, 15, 878-896. | 5.9 | 19 |
| 24 | Influence of the Molecular Weight of PEG on the Polymer/Salt Phase Diagrams of Aqueous Two-Phase Systems. <i>Journal of Chemical & Engineering Data</i> , 2016, 61, 4229-4235. | 1.0 | 28 |
| 25 | Activity and Osmotic Coefficients of Binary Mixtures of NTf ₂ ⁺ Ionic Liquids with a Primary Alcohol. <i>Journal of Chemical & Engineering Data</i> , 2016, 61, 4123-4130. | 1.0 | 1 |
| 26 | Effect of molecular weight of polyethylene glycol on the partitioning of DNP-amino acids: PEG (4000,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf | 1.4 | 26 |
| 27 | Physical Properties of the Pure Deep Eutectic Solvent, [ChCl]:[Lev] (1:2) DES, and Its Binary Mixtures with Alcohols. <i>Journal of Chemical & Engineering Data</i> , 2016, 61, 4191-4202. | 1.0 | 55 |
| 28 | (Vapor + liquid) equilibria of alcohol + 1-methyl-1-propylpiperidinium triflate ionic liquid: VPO measurements and modeling. <i>Journal of Chemical Thermodynamics</i> , 2016, 97, 183-190. | 1.0 | 6 |
| 29 | Activity coefficients at infinite dilution for different alcohols and ketones in [EMpy][ESO4]: Experimental data and modeling with PC-SAFT. <i>Fluid Phase Equilibria</i> , 2016, 424, 32-40. | 1.4 | 12 |
| 30 | Polyethylene glycol 8000+ citrate salts aqueous two-phase systems: Relative hydrophobicity of the equilibrium phases. <i>Fluid Phase Equilibria</i> , 2016, 407, 298-303. | 1.4 | 11 |
| 31 | Effect of the relative humidity and isomeric structure on the physical properties of pyridinium based-ionic liquids. <i>Journal of Chemical Thermodynamics</i> , 2015, 86, 96-105. | 1.0 | 22 |
| 32 | Perspectives on the biotechnological production and potential applications of lactosucrose: A review. <i>Journal of Functional Foods</i> , 2015, 19, 74-90. | 1.6 | 44 |
| 33 | Cation effect on the (PEG 8000 + sodium sulfate) and (PEG 8000 + magnesium sulfate) aqueous two-phase system: Relative hydrophobicity of the equilibrium phases. <i>Journal of Chemical Thermodynamics</i> , 2015, 91, 321-326. | 1.0 | 12 |
| 34 | Application of a group contribution equation of state to model the phase behavior of mixtures containing alkanes and ionic liquids. <i>Fluid Phase Equilibria</i> , 2015, 387, 32-37. | 1.4 | 3 |
| 35 | Stability and kinetic behavior of immobilized laccase from <i>Myceliophthora thermophila</i> in the presence of the ionic liquid 1-ethyl-3-methylimidazolium ethylsulfate. <i>Biotechnology Progress</i> , 2014, 30, 790-796. | 1.3 | 19 |
| 36 | Liquid-liquid equilibria of binary systems {benzene+[x-Mim][NTf ₂] ionic liquid}: Experimental data and thermodynamic modeling using a group contribution equation of state. <i>Fluid Phase Equilibria</i> , 2014, 362, 163-169. | 1.4 | 13 |

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|----|---|-----|-----------|
| 37 | Effect of the number, position and length of alkyl chains on the physical properties of polysubstituted pyridinium ionic liquids. <i>Journal of Chemical Thermodynamics</i> , 2014, 69, 19-26. | 1.0 | 36 |
| 38 | Influence of the number, position and length of the alkyl-substituents on the solubility of water in pyridinium-based ionic liquids. <i>Fluid Phase Equilibria</i> , 2014, 383, 72-77. | 1.4 | 11 |
| 39 | Osmotic coefficients and apparent molar volumes of 1-hexyl-3-methylimidazolium trifluoromethanesulfonate ionic liquid in alcohols. <i>Journal of Chemical Thermodynamics</i> , 2014, 69, 93-100. | 1.0 | 15 |
| 40 | Density of Mixtures Containing Sugars and Ionic Liquids: Experimental Data and PC-SAFT Modeling. <i>Journal of Chemical & Engineering Data</i> , 2014, 59, 2942-2954. | 1.0 | 36 |
| 41 | Separation of carbohydrates and sugar alcohols from ionic liquids using antisolvents. <i>Separation and Purification Technology</i> , 2014, 132, 496-504. | 3.9 | 19 |
| 42 | Effect of the temperature on the physical properties of the pure ionic liquid 1-ethyl-3-methylimidazolium methylsulfate and characterization of its binary mixtures with alcohols. <i>Journal of Chemical Thermodynamics</i> , 2014, 74, 193-200. | 1.0 | 44 |
| 43 | Factors affecting water colour removal by tyrosinase. <i>International Journal of Environmental Studies</i> , 2013, 70, 316-326. | 0.7 | 9 |
| 44 | Solubility of Sugars and Sugar Alcohols in Ionic Liquids: Measurement and PC-SAFT Modeling. <i>Journal of Physical Chemistry B</i> , 2013, 117, 9980-9995. | 1.2 | 67 |
| 45 | Thermal analysis and heat capacities of pyridinium and imidazolium ionic liquids. <i>Thermochimica Acta</i> , 2013, 565, 178-182. | 1.2 | 54 |
| 46 | Immobilization of laccase on modified silica: Stabilization, thermal inactivation and kinetic behaviour in 1-ethyl-3-methylimidazolium ethylsulfate ionic liquid. <i>Bioresource Technology</i> , 2013, 131, 405-412. | 4.8 | 69 |
| 47 | Phase equilibria of binary mixtures (ionic liquid+aromatic hydrocarbon): Effect of the structure of the components on the solubility. <i>Fluid Phase Equilibria</i> , 2013, 360, 416-422. | 1.4 | 14 |
| 48 | Modeling thermodynamic properties of aqueous single-solute and multi-solute sugar solutions with PC-SAFT. <i>AIChE Journal</i> , 2013, 59, 4794-4805. | 1.8 | 57 |
| 49 | Laccase production by free and immobilized mycelia of <i>Peniophora cinerea</i> and <i>Trametes versicolor</i> : a comparative study. <i>Bioprocess and Biosystems Engineering</i> , 2013, 36, 365-373. | 1.7 | 25 |
| 50 | Recovery of <i>Peniophora cinerea</i> laccase using aqueous two-phase systems composed by ethylene oxide/propylene oxide copolymer and potassium phosphate salts. <i>Journal of Chromatography A</i> , 2013, 1321, 14-20. | 1.8 | 26 |
| 51 | Fructose and Glucose Dissolution in Ionic Liquids: Solubility and Thermodynamic Modeling. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 3424-3435. | 1.8 | 45 |
| 52 | Thermophysical Properties of the Pure Ionic Liquid 1-Butyl-1-methylpyrrolidinium Dicyanamide and Its Binary Mixtures with Alcohols. <i>Journal of Chemical & Engineering Data</i> , 2013, 58, 1440-1448. | 1.0 | 66 |
| 53 | $\hat{\rho}^G(\text{CH}_2)$ in Biphasic Systems of Water and Bis(trifluoromethylsulfonyl)Imide-Based Ionic Liquids. <i>Journal of Chemical & Engineering Data</i> , 2013, 58, 1565-1570. | 1.0 | 1 |
| 54 | Physical Properties of Binary Alcohol+Ionic Liquid Mixtures at Several Temperatures and Atmospheric Pressure. <i>Journal of Solution Chemistry</i> , 2013, 42, 746-763. | 0.6 | 26 |

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|----|---|-----|-----------|
| 55 | Osmotic and apparent molar properties of binary mixtures alcohol+1-butyl-3-methylimidazolium trifluoromethanesulfonate ionic liquid. <i>Journal of Chemical Thermodynamics</i> , 2013, 61, 64-73. | 1.0 | 35 |
| 56 | The Effect of Salts on the Liquid-Liquid Phase Equilibria of PEG600 + Salt Aqueous Two-Phase Systems. <i>Journal of Chemical & Engineering Data</i> , 2013, 58, 3528-3535. | 1.0 | 48 |
| 57 | Thermal Analysis and Heat Capacities of 1-Alkyl-3-methylimidazolium Ionic Liquids with NTf ₂ ⁺ , TFO ⁺ , and DCA ⁺ Anions. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 2103-2110. | 1.8 | 68 |
| 58 | Peroxidase biocatalysis in water-soluble ionic liquids: activity, kinetic and thermal stability. <i>Biocatalysis and Biotransformation</i> , 2012, 30, 417-425. | 1.1 | 5 |
| 59 | Effect of Aqueous Two-Phase System Constituents in Different Poly(ethylene glycol)-Salt Phase Diagrams. <i>Journal of Chemical & Engineering Data</i> , 2012, 57, 1203-1208. | 1.0 | 53 |
| 60 | Free Energy of Transfer of a Methylene Group in Biphasic Systems of Water and Ionic Liquids [C ₃ mpip][NTf ₂], [C ₃ mpyr][NTf ₂], and [C ₄ mpyr][NTf ₂]. <i>Industrial & Engineering Chemistry Research</i> , 2012, 51, 8061-8068. | 1.8 | 15 |
| 61 | (Liquid+liquid) equilibria of polymer-salt aqueous two-phase systems for laccase partitioning: UCON 50-HB-5100 with potassium citrate and (sodium or potassium) formate at 23°C. <i>Journal of Chemical Thermodynamics</i> , 2012, 55, 166-171. | 1.0 | 32 |
| 62 | Equation of state modelling of systems with ionic liquids: Literature review and application with the Cubic Plus Association (CPA) model. <i>Fluid Phase Equilibria</i> , 2012, 332, 128-143. | 1.4 | 82 |
| 63 | Physical and Excess Properties of Eight Binary Mixtures Containing Water and Ionic Liquids. <i>Journal of Chemical & Engineering Data</i> , 2012, 57, 2165-2176. | 1.0 | 80 |
| 64 | Solubility of xylitol and sorbitol in ionic liquids - Experimental data and modeling. <i>Journal of Chemical Thermodynamics</i> , 2012, 55, 184-192. | 1.0 | 47 |
| 65 | Green coconut fiber: a novel carrier for the immobilization of commercial laccase by covalent attachment for textile dyes decolorization. <i>World Journal of Microbiology and Biotechnology</i> , 2012, 28, 2827-2838. | 1.7 | 68 |
| 66 | Temperature Dependence and Structural Influence on the Thermophysical Properties of Eleven Commercial Ionic Liquids. <i>Industrial & Engineering Chemistry Research</i> , 2012, 51, 2492-2504. | 1.8 | 171 |
| 67 | Prediction of the n-hexane/water and 1-octanol/water partition coefficients for environmentally relevant compounds using molecular simulation. <i>AIChE Journal</i> , 2012, 58, 1929-1938. | 1.8 | 44 |
| 68 | Interference of some aqueous two-phase system phase-forming components in protein determination by the Bradford method. <i>Analytical Biochemistry</i> , 2012, 421, 719-724. | 1.1 | 37 |
| 69 | Study of the influence of the structure of the alcohol on vapor pressures and osmotic coefficients of binary mixtures alcohol+1-hexyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide at T=323.15K. <i>Fluid Phase Equilibria</i> , 2012, 313, 38-45. | 1.4 | 21 |
| 70 | Solubility of monosaccharides in ionic liquids - Experimental data and modeling. <i>Fluid Phase Equilibria</i> , 2012, 314, 22-28. | 1.4 | 41 |
| 71 | Calculation of drug-like molecules solubility using predictive activity coefficient models. <i>Fluid Phase Equilibria</i> , 2012, 322-323, 48-55. | 1.4 | 17 |
| 72 | Liquid-liquid equilibria of mixtures with ethyl lactate and various hydrocarbons. <i>Fluid Phase Equilibria</i> , 2012, 320, 38-42. | 1.4 | 15 |

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|----|---|-----|-----------|
| 73 | Trihexyl(tetradecyl)phosphonium bromide: Liquid density, surface tension and solubility of carbondioxide. <i>Fluid Phase Equilibria</i> , 2012, 324, 8-12. | 1.4 | 15 |
| 74 | High-pressure solubilities of carbon dioxide in ionic liquids based on bis(trifluoromethylsulfonyl)imide and chloride. <i>Journal of Supercritical Fluids</i> , 2012, 65, 1-10. | 1.6 | 55 |
| 75 | Immobilization of commercial laccase on spent grain. <i>Process Biochemistry</i> , 2012, 47, 1095-1101. | 1.8 | 59 |
| 76 | Effect of the temperature on the physical properties of pure 1-propyl 3-methylimidazolium bis(trifluoromethylsulfonyl)imide and characterization of its binary mixtures with alcohols. <i>Journal of Chemical Thermodynamics</i> , 2012, 45, 9-15. | 1.0 | 64 |
| 77 | Excess properties of binary mixtures containing 1-hexyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide ionic liquid and polar organic compounds. <i>Journal of Chemical Thermodynamics</i> , 2012, 47, 300-311. | 1.0 | 52 |
| 78 | Solubility of high-value compounds in ethyl lactate: Measurements and modeling. <i>Journal of Chemical Thermodynamics</i> , 2012, 48, 93-100. | 1.0 | 51 |
| 79 | Relative hydrophobicity of equilibrium phases in biphasic systems (ionic liquid+water). <i>Journal of Chemical Thermodynamics</i> , 2012, 48, 221-228. | 1.0 | 29 |
| 80 | Acoustic, volumetric and osmotic properties of binary mixtures containing the ionic liquid 1-butyl-3-methylimidazolium dicyanamide mixed with primary and secondary alcohols. <i>Journal of Chemical Thermodynamics</i> , 2012, 50, 19-29. | 1.0 | 35 |
| 81 | Predicting hydration Gibbs energies of alkyl-aromatics using molecular simulation: a comparison of current force fields and the development of a new parameter set for accurate solvation data. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 17384. | 1.3 | 22 |
| 82 | Using molecular simulation to predict solute solvation and partition coefficients in solvents of different polarity. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 9155. | 1.3 | 30 |
| 83 | Immobilization of commercial laccase onto green coconut fiber by adsorption and its application for reactive textile dyes degradation. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2011, 72, 6-12. | 1.8 | 127 |
| 84 | Measurement and modeling of osmotic coefficients of binary mixtures (alcohol+1,3-dimethylpyridinium methylsulfate) at T=323.15K. <i>Journal of Chemical Thermodynamics</i> , 2011, 43, 908-913. | 1.0 | 18 |
| 85 | Study of the Alkyl Chain Length on Laccase Stability and Enzymatic Kinetic with Imidazolium Ionic Liquids. <i>Applied Biochemistry and Biotechnology</i> , 2011, 164, 524-533. | 1.4 | 38 |
| 86 | Studies of laccase from <i>Trametes versicolor</i> in aqueous solutions of several methylimidazolium ionic liquids. <i>Bioresource Technology</i> , 2011, 102, 7494-7499. | 4.8 | 39 |
| 87 | Solubility of drug-like molecules in pure organic solvents with the CPA EoS. <i>Fluid Phase Equilibria</i> , 2011, 303, 62-70. | 1.4 | 17 |
| 88 | Determination and modelling of osmotic coefficients and vapour pressures of binary systems 1- and 2-propanol with C _n MimNTf ₂ ionic liquids (n=2, 3, and 4) at T=323.15K. <i>Journal of Chemical Thermodynamics</i> , 2011, 43, 1256-1262. | 1.0 | 19 |
| 89 | Effect of the Integration Method on the Accuracy and Computational Efficiency of Free Energy Calculations Using Thermodynamic Integration. <i>Journal of Chemical Theory and Computation</i> , 2010, 6, 1018-1027. | 2.3 | 83 |
| 90 | Solute partitioning in polymer-salt ATPS: The Collander equation. <i>Fluid Phase Equilibria</i> , 2010, 296, 173-177. | 1.4 | 24 |

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|-----|---|-----|-----------|
| 91 | Synthesis and temperature dependence of physical properties of four pyridinium-based ionic liquids: Influence of the size of the cation. <i>Journal of Chemical Thermodynamics</i> , 2010, 42, 1324-1329. | 1.0 | 52 |
| 92 | Optimization of laccase catalyzed degradation of reactive textile dyes in supercritical carbon dioxide medium by response surface methodology. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2010, 99, 311. | 0.8 | 5 |
| 93 | Vapour pressures, osmotic and activity coefficients for binary mixtures containing (1-ethylpyridinium) Tj ETQq1 1 0,784314 rgBT /Over | 1.0 | 19 |
| 94 | Gibbs free energy of transfer of a methylene group on {UCON+(sodium or potassium) phosphate salts} aqueous two-phase systems: Hydrophobicity effects. <i>Journal of Chemical Thermodynamics</i> , 2010, 42, 1063-1069. | 1.0 | 21 |
| 95 | Molecular simulation of the hydration Gibbs energy of barbiturates. <i>Fluid Phase Equilibria</i> , 2010, 289, 148-155. | 1.4 | 17 |
| 96 | VIII Ibero-American Conference on Phase Equilibria and Fluid Properties for Process Design. <i>Fluid Phase Equilibria</i> , 2010, 296, 73-74. | 1.4 | 0 |
| 97 | LLE for (water+ionic liquid) binary systems using [Cxmim][BF4] (x=6, 8) ionic liquids. <i>Fluid Phase Equilibria</i> , 2010, 296, 184-191. | 1.4 | 60 |
| 98 | Water solubility of drug-like molecules with the cubic-plus-association equation of state. <i>Fluid Phase Equilibria</i> , 2010, 298, 75-82. | 1.4 | 18 |
| 99 | Liquid~Liquid Equilibria of UCON + (Sodium or Potassium) Phosphate Salt Aqueous Two-Phase Systems at 23 Å°C. <i>Journal of Chemical & Engineering Data</i> , 2010, 55, 1285-1288. | 1.0 | 36 |
| 100 | Temperature and solvent effects in the solubility of some pharmaceutical compounds: Measurements and modeling. <i>European Journal of Pharmaceutical Sciences</i> , 2009, 37, 499-507. | 1.9 | 117 |
| 101 | Sequential decolourization of reactive textile dyes by laccase mediator system. <i>Journal of Chemical Technology and Biotechnology</i> , 2009, 84, 442-446. | 1.6 | 25 |
| 102 | The effect of ammonium sulfate on the solubility of amino acids in water at (298.15 and 323.15)K. <i>Journal of Chemical Thermodynamics</i> , 2009, 41, 193-196. | 1.0 | 30 |
| 103 | Osmotic coefficients of binary mixtures of 1-butyl-3-methylimidazolium methylsulfate and 1,3-dimethylimidazolium methylsulfate with alcohols at T=323.15K. <i>Journal of Chemical Thermodynamics</i> , 2009, 41, 617-622. | 1.0 | 29 |
| 104 | Vapour pressures and osmotic coefficients of binary mixtures of 1-ethyl-3-methylimidazolium ethylsulfate and 1-ethyl-3-methylpyridinium ethylsulfate with alcohols at T=323.15K. <i>Journal of Chemical Thermodynamics</i> , 2009, 41, 1439-1445. | 1.0 | 23 |
| 105 | Modeling the discoloration of a mixture of reactive textile dyes by commercial laccase. <i>Bioresource Technology</i> , 2009, 100, 1094-1099. | 4.8 | 58 |
| 106 | Kinetic modelling of decyl acetate synthesis by immobilized lipase-catalysed transesterification of vinyl acetate with decanol in supercritical carbon dioxide. <i>Journal of Supercritical Fluids</i> , 2009, 50, 138-145. | 1.6 | 25 |
| 107 | Application of statistical experimental methodology to optimize reactive dye decolourization by commercial laccase. <i>Journal of Hazardous Materials</i> , 2009, 162, 1255-1260. | 6.5 | 70 |
| 108 | Osmotic coefficients of binary mixtures of four ionic liquids with ethanol or water at T=(313.15 and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 | 1.0 | 48 |

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|-----|--|-----|-----------|
| 109 | Treatment and kinetic modelling of a simulated dye house effluent by enzymatic catalysis. <i>Bioresource Technology</i> , 2009, 100, 6236-6242. | 4.8 | 22 |
| 110 | Thermodynamic Modeling of Several Aqueous Alkanol Solutions Containing Amino Acids with the Perturbed-Chain Statistical Associated Fluid Theory Equation of State. <i>Industrial & Engineering Chemistry Research</i> , 2009, 48, 5498-5505. | 1.8 | 13 |
| 111 | Kinetic and Stability Study of the Peroxidase Inhibition in Ionic Liquids. <i>Industrial & Engineering Chemistry Research</i> , 2009, 48, 10810-10815. | 1.8 | 11 |
| 112 | Solubilities of Biologically Active Phenolic Compounds: Measurements and Modeling. <i>Journal of Physical Chemistry B</i> , 2009, 113, 3469-3476. | 1.2 | 89 |
| 113 | 1-Octanol/Water Partition Coefficients of <i>n</i> -Alkanes from Molecular Simulations of Absolute Solvation Free Energies. <i>Journal of Chemical Theory and Computation</i> , 2009, 5, 2436-2446. | 2.3 | 115 |
| 114 | Solubility of l-serine, l-threonine and l-isoleucine in aqueous aliphatic alcohol solutions. <i>Fluid Phase Equilibria</i> , 2008, 270, 1-9. | 1.4 | 25 |
| 115 | Osmotic coefficients of aqueous solutions of four ionic liquids at T=(313.15 and 333.15) K. <i>Journal of Chemical Thermodynamics</i> , 2008, 40, 1346-1351. | 1.0 | 57 |
| 116 | Optimisation of reactive textile dyes degradation by laccase mediator system. <i>Journal of Chemical Technology and Biotechnology</i> , 2008, 83, 1609-1615. | 1.6 | 39 |
| 117 | Ionic liquids as alternative solvents for laccase: Study of enzyme activity and stability. <i>Biotechnology and Bioengineering</i> , 2008, 101, 201-207. | 1.7 | 91 |
| 118 | Kinetic modelling and simulation of laccase catalyzed degradation of reactive textile dyes. <i>Bioresource Technology</i> , 2008, 99, 4768-4774. | 4.8 | 56 |
| 119 | $\chi^G(\text{CH}_2)$ as solvent descriptor in polymer/polymer aqueous two-phase systems. <i>Journal of Chromatography A</i> , 2008, 1185, 85-92. | 1.8 | 24 |
| 120 | On the Collander equation: Protein partitioning in polymer/polymer aqueous two-phase systems. <i>Journal of Chromatography A</i> , 2008, 1190, 39-43. | 1.8 | 34 |
| 121 | Correlations between distribution coefficients of various biomolecules in different polymer/polymer aqueous two-phase systems. <i>Fluid Phase Equilibria</i> , 2008, 267, 150-157. | 1.4 | 41 |
| 122 | Synthesis and Physical Properties of 1-Ethyl 3-methylpyridinium Ethylsulfate and Its Binary Mixtures with Ethanol and Water at Several Temperatures. <i>Journal of Chemical & Engineering Data</i> , 2008, 53, 1824-1828. | 1.0 | 51 |
| 123 | $\chi^G(\text{CH}_2)$ in PEG Salt and Urea Salt Aqueous Two-Phase Systems. <i>Journal of Chemical & Engineering Data</i> , 2008, 53, 1622-1625. | 1.0 | 32 |
| 124 | Physicochemical Characterization of the PEG8000-Na ₂ SO ₄ Aqueous Two-Phase System. <i>Industrial & Engineering Chemistry Research</i> , 2007, 46, 8199-8204. | 1.8 | 45 |
| 125 | KCl effect on the solubility of five different amino acids in water. <i>Fluid Phase Equilibria</i> , 2007, 255, 131-137. | 1.4 | 68 |
| 126 | Prediction of protein partition in polymer/salt aqueous two-phase systems using the modified Wilson model. <i>Biochemical Engineering Journal</i> , 2005, 24, 147-155. | 1.8 | 23 |

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|-----|--|-----|-----------|
| 127 | Application of the GCA-EoS model to the supercritical processing of fatty oil derivatives. Journal of Food Engineering, 2005, 70, 579-587. | 2.7 | 27 |
| 128 | Cutinase activity in supercritical and organic media: water activity, solvation and acid-base effects. Journal of Supercritical Fluids, 2005, 35, 62-69. | 1.6 | 19 |
| 129 | Solubility of NaCl, NaBr, and KCl in Water, Methanol, Ethanol, and Their Mixed Solvents. Journal of Chemical & Engineering Data, 2005, 50, 29-32. | 1.0 | 326 |
| 130 | Viscosity of pure supercritical fluids. Journal of Supercritical Fluids, 2005, 36, 106-117. | 1.6 | 18 |
| 131 | Effect of KCl and Na ₂ SO ₄ on the Solubility of Glycine and dl-Alanine in Water at 298.15 K. Industrial & Engineering Chemistry Research, 2005, 44, 8892-8898. | 1.8 | 74 |
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