

# Michał, Wlazała

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

1,055  
citations

304701

22  
h-index

434170

31  
g-index

41  
all docs

41  
docs citations

41  
times ranked

414  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Activity coefficients at infinite dilution of organic solvents and water in 1-butyl-3-methylimidazolium dicyanamide. A literature review of hexane/hex-1-ene separation. <i>Fluid Phase Equilibria</i> , 2016, 417, 50-61.   | 2.5 | 60        |
| 2  | Activity coefficients at infinite dilution and physicochemical properties for organic solutes and water in the ionic liquid 1-(2-methoxyethyl)-1-methylpiperidinium bis(trifluoromethylsulfonyl)-amide. <i>Journal of Chemical Thermodynamics</i> , 2012, 49, 137-145.     | 2.0 | 57        |
| 3  | Activity Coefficients at Infinite Dilution Measurements for Organic Solutes and Water in the Ionic Liquid 1-(3-Hydroxypropyl)pyridinium Trifluorotris(perfluoroethyl)phosphate. <i>Journal of Physical Chemistry B</i> , 2010, 114, 6990-6994.                             | 2.6 | 52        |
| 4  | Measurements of activity coefficients at infinite dilution for organic solutes and water in the ionic liquid 1-hexyl-3-methylimidazolium tetracyanoborate. <i>Journal of Chemical Thermodynamics</i> , 2012, 47, 389-396.  | 2.0 | 52        |
| 5  | Activity coefficients at infinite dilution and physicochemical properties for organic solutes and water in the ionic liquid 4-(2-methoxyethyl)-4-methylmorpholinium bis(trifluoromethylsulfonyl)-amide. <i>Journal of Chemical Thermodynamics</i> , 2012, 47, 382-388.     | 2.0 | 50        |
| 6  | Activity coefficients at infinite dilution and physicochemical properties for organic solutes and water in the ionic liquid 1-(2-methoxyethyl)-1-methylpyrrolidinium bis(trifluoromethylsulfonyl)-amide. <i>Journal of Chemical Thermodynamics</i> , 2012, 54, 90-96.      | 2.0 | 41        |
| 7  | Activity coefficients at infinite dilution and physicochemical properties for organic solutes and water in the ionic liquid 4-(2-methoxyethyl)-4-methylmorpholinium trifluorotris(perfluoroethyl)phosphate. <i>Journal of Chemical Thermodynamics</i> , 2012, 54, 366-372. | 2.0 | 37        |
| 8  | Activity Coefficients at Infinite Dilution and Physicochemical Properties for Organic Solutes and Water in the Ionic Liquid 1-Ethyl-3-methylimidazolium trifluorotris(perfluoroethyl)phosphate. <i>Journal of Solution Chemistry</i> , 2015, 44, 413-430.                  | 1.2 | 37        |
| 9  | Thermodynamics and limiting activity coefficients measurements for organic solutes and water in the ionic liquid 1-dodecyl-3-methylimidazolium bis(trifluoromethylsulfonyl) imide. <i>Journal of Chemical Thermodynamics</i> , 2016, 103, 76-85.                           | 2.0 | 36        |
| 10 | Activity coefficients at infinite dilution and physicochemical properties for organic solutes and water in the ionic liquid 4-(3-hydroxypropyl)-4-methylmorpholinium bis(trifluoromethylsulfonyl)-amide. <i>Journal of Chemical Thermodynamics</i> , 2015, 86, 154-161.    | 2.0 | 33        |
| 11 | Gamma infinity data for the separation of water-butan-1-ol mixtures using ionic liquids. <i>Separation and Purification Technology</i> , 2016, 162, 162-170.   | 7.9 | 33        |
| 12 | Separation of binary mixtures based on gamma infinity data using [EMIM][TCM] ionic liquid and modelling of thermodynamic functions. <i>Journal of Molecular Liquids</i> , 2017, 225, 382-390.  | 4.9 | 33        |
| 13 | Activity coefficients at infinite dilution and physicochemical properties for organic solutes and water in the ionic liquid 1-(2-hydroxyethyl)-3-methylimidazolium trifluorotris(perfluoroethyl)phosphate. <i>Journal of Chemical Thermodynamics</i> , 2013, 64, 114-119.  | 2.0 | 31        |
| 14 | Activity coefficients at infinite dilution and physicochemical properties for organic solutes and water in the ionic liquid 1-(2-methoxyethyl)-1-methylpiperidinium trifluorotris(perfluoroethyl)phosphate. <i>Journal of Chemical Thermodynamics</i> , 2013, 57, 197-202. | 2.0 | 30        |
| 15 | Separation of binary mixtures hexane/hex-1-ene, cyclohexane/cyclohexene and ethylbenzene/styrene based on limiting activity coefficients. <i>Journal of Chemical Thermodynamics</i> , 2017, 110, 227-236.  | 2.0 | 29        |
| 16 | Prediction of ionic liquids phase equilibrium with the COSMO-RS model. <i>Fluid Phase Equilibria</i> , 2016, 424, 16-31.   | 2.5 | 28        |
| 17 | Ternary (liquid+liquid) equilibria of {bis(trifluoromethylsulfonyl)-amide based ionic liquids+butan-1-ol+water}. <i>Journal of Chemical Thermodynamics</i> , 2016, 94, 96-100.   | 2.0 | 26        |
| 18 | Liquid-liquid separation of hexane/hex-1-ene and cyclohexane/cyclohexene by dicyanamide-based ionic liquids. <i>Journal of Chemical Thermodynamics</i> , 2018, 116, 299-308.   | 2.0 | 26        |

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|----|--|-----|-----------|
| 19 | Activity coefficients at infinite dilution and physicochemical properties for organic solutes and water in the ionic liquid 1-(2-methoxyethyl)-1-methylpyrrolidinium trifluorotris(perfluoroethyl)phosphate. <i>Journal of Chemical Thermodynamics</i> , 2013, 60, 57-62.                  | 2.0 | 25        |
| 20 | Bis(trifluoromethylsulfonyl)imide, or dicyanamide-based ionic liquids in the liquid-liquid extraction of hex-1-ene from hexane and cyclohexene from cyclohexane. <i>Journal of Chemical Thermodynamics</i> , 2017, 105, 375-384.   | 2.0 | 24        |
| 21 | Ternary liquid-liquid equilibria of trifluorotris(perfluoroethyl)phosphate based ionic liquids+methanol+heptane. <i>Fluid Phase Equilibria</i> , 2013, 338, 253-256.   | 2.5 | 23        |
| 22 | High selective water/butan-1-ol separation on investigation of limiting activity coefficients with [P 8,8,8 ] [NTf 2 ] ionic liquid. <i>Fluid Phase Equilibria</i> , 2017, 449, 1-9.   | 2.5 | 22        |
| 23 | Separation of hex-1-ene/hexane and cyclohexene/cyclohexane compounds with [EMIM]-based ionic liquids. <i>Fluid Phase Equilibria</i> , 2016, 427, 421-428.  | 2.5 | 21        |
| 24 | Activity coefficients at infinite dilution and physicochemical properties for organic solutes and water in the ionic liquid trihexyl-tetradecyl-phosphonium tricyanomethanide. <i>Journal of Chemical Thermodynamics</i> , 2018, 120, 72-78.   | 2.0 | 21        |
| 25 | Extraction of butan-1-ol from aqueous solution using ionic liquids: An effect of cation revealed by experiments and thermodynamic models. <i>Separation and Purification Technology</i> , 2018, 196, 71-81.  | 7.9 | 21        |
| 26 | Liquid-liquid separation of hex-1-ene from hexane and cyclohexene from cyclohexane with ionic liquids. <i>Journal of Chemical Thermodynamics</i> , 2017, 108, 127-135.   | 2.0 | 19        |
| 27 | Separation of ethylbenzene/styrene systems using ionic liquids in ternary LLE. <i>Journal of Chemical Thermodynamics</i> , 2016, 103, 423-431.   | 2.0 | 18        |
| 28 | Ternary LLE measurements for the separation of hex-1-ene/hexane and cyclohexene/cyclohexane compounds with [DCA]-based ionic liquids. <i>Fluid Phase Equilibria</i> , 2018, 462, 65-72.  | 2.5 | 18        |
| 29 | Ammonium ionic liquids in separation of water/butan-1-ol using liquid-liquid equilibrium diagrams in ternary systems. <i>Fluid Phase Equilibria</i> , 2019, 485, 23-31.  | 2.5 | 17        |
| 30 | Activity coefficients at infinite dilution, physicochemical and thermodynamic properties for organic solutes and water in the ionic liquid ethyl-dimethyl-(2-methoxyethyl)ammonium trifluorotris-(perfluoroethyl)phosphate. <i>Journal of Chemical Thermodynamics</i> , 2015, 89, 245-250. | 2.0 | 16        |
| 31 | Separation of binary mixtures hexane/hex-1-ene, cyclohexane/cyclohexene and ethylbenzene/styrene based on gamma infinity data measurements. <i>Journal of Chemical Thermodynamics</i> , 2018, 118, 244-254.  | 2.0 | 16        |
| 32 | [DCA]-based ionic liquids for the extraction of sulfur and nitrogen compounds from fuels: Activity coefficients at infinite dilution. <i>Fluid Phase Equilibria</i> , 2020, 507, 112424.   | 2.5 | 16        |
| 33 | Separation of water/butan-1-ol based on activity coefficients at infinite dilution in 1,3-didecyl-2-methylimidazolium dicyanamide ionic liquid. <i>Journal of Chemical Thermodynamics</i> , 2018, 116, 316-322.  | 2.0 | 15        |
| 34 | Ternary (liquid + liquid) equilibria of {trifluorotris(perfluoroethyl)phosphate based ionic liquids + thiophene + heptane}: Part 2. <i>Journal of Chemical Thermodynamics</i> , 2015, 86, 196-201.   | 2.0 | 14        |
| 35 | Ternary liquid-liquid equilibria of trifluorotris(perfluoroethyl)phosphate based ionic liquids+benzothiophene+heptane. <i>Fluid Phase Equilibria</i> , 2014, 361, 54-59.   | 2.5 | 13        |
| 36 | Investigation on the ethylbenzene/styrene separation efficiency with ionic liquids in liquid-liquid extraction. <i>Chemical Engineering Research and Design</i> , 2017, 128, 214-220.  | 5.6 | 10        |

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|----|--|-----|-----------|
| 37 | New ionic liquid [P4,4,4][NTf2] in bio-butanol extraction on investigation of limiting activity coefficients. <i>Fluid Phase Equilibria</i> , 2018, 475, 89-94.  | 2.5 | 10        |
| 38 | Physico-Chemical Properties and Phase Behavior of the Ionic Liquid- $\beta$ -Cyclodextrin Complexes. <i>International Journal of Molecular Sciences</i> , 2013, 14, 16638-16655.   | 4.1 | 9         |
| 39 | Application of dicyanamide-based ionic liquid in separation of binary mixtures based on gamma infinity data measurements. <i>Journal of Molecular Liquids</i> , 2020, 310, 113176.   | 4.9 | 7         |
| 40 | Phase Equilibrium Investigation on 2-Phenylethanol in Binary and Ternary Systems: Influence of High Pressure on Density and Solid-Liquid Phase Equilibrium. <i>Journal of Physical Chemistry B</i> , 2018, 122, 6188-6197. | 2.6 | 5         |
| 41 | The Ethylbenzene/Styrene Preferential Separation with Ionic Liquids in Liquid-Liquid Extraction. <i>Journal of Solution Chemistry</i> , 2018, 47, 1578-1596.   | 1.2 | 4         |