

Michal Wlazlo

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41
papers

935
citations

20
h-index

28
g-index

41
ext. papers

1,016
ext. citations

3.3
avg, IF

5
L-index

#	Paper	IF	Citations
41	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	55
40	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	2.9	53
39	Activity coefficients at infinite dilution measurements for organic solutes and water in the ionic liquid 1-(3-hydroxypropyl)pyridinium trifluoro-tris(perfluoroethyl)phosphate. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 6990-4	3.4	50
38	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	2.9	48
37	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	2.9	47
36	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	2.9	39
35	Activity coefficients at infinite dilution and physicochemical properties for organic solutes and water in the ionic liquid 4-(2-methoxyethyl)-4-methylmorpholinium trifluoro-tris(perfluoroethyl)phosphate. <i>Journal of Chemical Thermodynamics</i> , 2012 , 54, 366-372	2.9	36
34	Activity Coefficients at Infinite Dilution and Physicochemical Properties for Organic Solutes and Water in the Ionic Liquid 1-Ethyl-3-methylimidazolium trifluoro-tris(perfluoroethyl)phosphate. <i>Journal of Solution Chemistry</i> , 2015 , 44, 413-430	1.8	32
33	Gamma infinity data for the separation of water-butanol mixtures using ionic liquids. <i>Separation and Purification Technology</i> , 2016 , 162, 162-170	8.3	32
32	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	2.9	30
31	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	6	29
30	Activity coefficients at infinite dilution and physicochemical properties for organic solutes and water in the ionic liquid 1-(2-hydroxyethyl)-3-methylimidazolium trifluoro-tris(perfluoroethyl)phosphate. <i>Journal of Chemical Thermodynamics</i> , 2013 , 64, 114-119	2.9	28
29	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	2.9	27
28	Activity coefficients at infinite dilution and physicochemical properties for organic solutes and water in the ionic liquid 1-(2-methoxyethyl)-1-methylpiperidinium trifluoro-tris(perfluoroethyl)phosphate. <i>Journal of Chemical Thermodynamics</i> , 2013 , 57, 197-202	2.9	27
27	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	2.9	26
26	Ternary liquid-liquid equilibria of trifluoro-tris(perfluoroethyl)phosphate based ionic liquids+methanol+heptane. <i>Fluid Phase Equilibria</i> , 2013 , 338, 253-256	2.5	23
25	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	2.9	23

24	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	2.9	22
23	High selective water/butan-1-ol separation on investigation of limiting activity coefficients with [P 8,8,8,8][NTf 2] ionic liquid. <i>Fluid Phase Equilibria</i> , 2017 , 449, 1-9	2.5	21
22	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	2.9	21
21	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	2.9	20
20	Prediction of ionic liquids phase equilibrium with the COSMO-RS model. <i>Fluid Phase Equilibria</i> , 2016 , 424, 16-31	2.5	20
19	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	19
18	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	2.9	18
17	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	2.9	17
16	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	8.3	17
15	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	2.9	16
14	Separation of ethylbenzene/styrene systems using ionic liquids in ternary LLE. <i>Journal of Chemical Thermodynamics</i> , 2016 , 103, 423-431	2.9	15
13	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	2.9	14
12	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	14
11	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	13
10	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	2.9	13
9	Ternary liquid-liquid equilibria of trifluorotris(perfluoroethyl)phosphate based ionic liquids+benzothiophene+heptane. <i>Fluid Phase Equilibria</i> , 2014 , 361, 54-59	2.5	12
8	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	2.9	11
7	[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	11

6	Physico-chemical properties and phase behavior of the ionic liquid- β -cyclodextrin complexes. <i>International Journal of Molecular Sciences</i> , 2013 , 14, 16638-55	6.3	9
5	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	5.5	8
4	New ionic liquid [P4,4,4,4][NTf ₂] in bio-butanol extraction on investigation of limiting activity coefficients. <i>Fluid Phase Equilibria</i> , 2018 , 475, 89-94	2.5	7
3	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	6	5
2	The Ethylbenzene/Styrene Preferential Separation with Ionic Liquids in Liquid-Liquid Extraction. <i>Journal of Solution Chemistry</i> , 2018 , 47, 1578-1596	1.8	4
1	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	3.4	3