

# Michal Wlazlo

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Application of dicyanamide-based ionic liquid in separation of binary mixtures based on gamma infinity data measurements. <i>Journal of Molecular Liquids</i> , <b>2020</b> , 310, 113176	6	5
40	[DCA]-based ionic liquids for the extraction of sulfur and nitrogen compounds from fuels: Activity coefficients at infinite dilution. <i>Fluid Phase Equilibria</i> , <b>2020</b> , 507, 112424	2.5	11
39	Ammonium ionic liquids in separation of water/butan-1-ol using liquid-liquid equilibrium diagrams in ternary systems. <i>Fluid Phase Equilibria</i> , <b>2019</b> , 485, 23-31	2.5	14
38	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> , <b>2018</b> , 462, 65-72	2.5	13
37	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> , <b>2018</b> , 120, 72-78	2.9	17
36	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> , <b>2018</b> , 118, 244-254	2.9	16
35	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> , <b>2018</b> , 196, 71-81	8.3	17
34	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> , <b>2018</b> , 116, 316-322	2.9	13
33	Liquid-liquid separation of hexane/hex-1-ene and cyclohexane/cyclohexene by dicyanamide-based ionic liquids. <i>Journal of Chemical Thermodynamics</i> , <b>2018</b> , 116, 299-308	2.9	21
32	New ionic liquid [P4,4,4,4][NTf2] in bio-butanol extraction on investigation of limiting activity coefficients. <i>Fluid Phase Equilibria</i> , <b>2018</b> , 475, 89-94	2.5	7
31	The Ethylbenzene/Styrene Preferential Separation with Ionic Liquids in Liquid-Liquid Extraction. <i>Journal of Solution Chemistry</i> , <b>2018</b> , 47, 1578-1596	1.8	4
30	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> , <b>2018</b> , 122, 6188-6197	3.4	3
29	Liquid-liquid separation of hex-1-ene from hexane and cyclohexene from cyclohexane with ionic liquids. <i>Journal of Chemical Thermodynamics</i> , <b>2017</b> , 108, 127-135	2.9	18
28	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> , <b>2017</b> , 449, 1-9	2.5	21
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> , <b>2017</b> , 110, 227-236	2.9	26
26	Investigation on the ethylbenzene/styrene separation efficiency with ionic liquids in liquid-liquid extraction. <i>Chemical Engineering Research and Design</i> , <b>2017</b> , 128, 214-220	5.5	8
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> , <b>2017</b> , 105, 375-384	2.9	23

24	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> , <b>2017</b> , 225, 382-390	6	29
23	Separation of hex-1-ene/hexane and cyclohexene/cyclohexane compounds with [EMIM]-based ionic liquids. <i>Fluid Phase Equilibria</i> , <b>2016</b> , 427, 421-428	2.5	19
22	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> , <b>2016</b> , 417, 50-61	2.5	55
21	Ternary (liquid+liquid) equilibria of {bis(trifluoromethylsulfonyl)-amide based ionic liquids+butan-1-ol+water}. <i>Journal of Chemical Thermodynamics</i> , <b>2016</b> , 94, 96-100	2.9	20
20	Prediction of ionic liquids phase equilibrium with the COSMO-RS model. <i>Fluid Phase Equilibria</i> , <b>2016</b> , 424, 16-31	2.5	20
19	Gamma infinity data for the separation of water-butan-1-ol mixtures using ionic liquids. <i>Separation and Purification Technology</i> , <b>2016</b> , 162, 162-170	8.3	32
18	Separation of ethylbenzene/styrene systems using ionic liquids in ternary LLE. <i>Journal of Chemical Thermodynamics</i> , <b>2016</b> , 103, 423-431	2.9	15
17	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> , <b>2016</b> , 103, 76-85	2.9	30
16	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> , <b>2015</b> , 44, 413-430	1.8	32
15	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> , <b>2015</b> , 89, 245-250	2.9	14
14	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> , <b>2015</b> , 86, 154-161	2.9	27
13	Ternary (liquid + liquid) equilibria of {trifluorotris(perfluoroethyl)phosphate based ionic liquids + thiophene + heptane}: Part 2. <i>Journal of Chemical Thermodynamics</i> , <b>2015</b> , 86, 196-201	2.9	11
12	Ternary liquid-liquid equilibria of trifluorotris(perfluoroethyl)phosphate based ionic liquids+benzothiophene+heptane. <i>Fluid Phase Equilibria</i> , <b>2014</b> , 361, 54-59	2.5	12
11	Ternary liquid-liquid equilibria of trifluorotris(perfluoroethyl)phosphate based ionic liquids+methanol+heptane. <i>Fluid Phase Equilibria</i> , <b>2013</b> , 338, 253-256	2.5	23
10	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> , <b>2013</b> , 60, 57-62	2.9	22
9	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> , <b>2013</b> , 64, 114-119	2.9	28
8	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> , <b>2013</b> , 57, 197-202	2.9	27
7	Physico-chemical properties and phase behavior of the ionic liquid- $\beta$ -cyclodextrin complexes. <i>International Journal of Molecular Sciences</i> , <b>2013</b> , 14, 16638-55	6.3	9

6	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> , <b>2012</b> , 47, 382-388	2.9	47
5	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> , <b>2012</b> , 47, 389-396	2.9	48
4	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> , <b>2012</b> , 49, 137-145	2.9	53
3	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> , <b>2012</b> , 54, 90-96	2.9	39
2	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> , <b>2012</b> , 54, 366-372	2.9	36
1	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> , <b>2010</b> , 114, 6990-4	3.4	50