

Urszula Domanska

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.

247 papers	8,992 citations	56 h-index	76 g-index
251 ext. papers	9,544 ext. citations	3.5 avg, IF	6.79 L-index

#	Paper	IF	Citations
247	Liquid-liquid equilibrium studies on the removal of naphthalene / 2-methylnaphthalene / dibenzothiophene from model oil using ionic liquids. <i>Fluid Phase Equilibria</i> , 2022 , 556, 113397	2.5	1
246	Effect of the ionic liquids on extraction of aromatic and sulfur compounds from the model petrochemical stream. <i>Fluid Phase Equilibria</i> , 2021 , 113296	2.5	0
245	Infinite Dilution Activity Coefficients in the Smectic and Isotropic Phases of Tetrafluoroborate-Based Ionic Liquids. <i>Journal of Chemical & Engineering Data</i> , 2021 , 66, 2587-2596 ^{2.8}	2.8	3
244	Separation of thiophene from octane/hexadecane with ionic liquids in ternary liquid-liquid phase equilibrium. <i>Fluid Phase Equilibria</i> , 2020 , 509, 112467	2.5	8
243	Liquid-liquid extraction of cobalt(II) and zinc(II) from aqueous solutions using novel ionic liquids as an extractants. <i>Journal of Molecular Liquids</i> , 2020 , 307, 112955	6	16
242	[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
241	Effect of Cation Structure in Quinolinium-Based Ionic Liquids on the Solubility in Aromatic Sulfur Compounds or Heptane: Thermodynamic Study on Phase Diagrams. <i>Molecules</i> , 2020 , 25,	4.8	2
240	Physico-chemical properties of ionic liquids: Density, viscosity, density at high pressure, surface tension, octan-1-ol/water partition coefficients and thermodynamic models. <i>Fluid Phase Equilibria</i> , 2019 , 502, 112304	2.5	3
239	Experimental Data of Fluid Phase Equilibria- Correlation and Prediction Models: A Review. <i>Processes</i> , 2019 , 7, 277	2.9	12
238	Experimental study of carbon dioxide gas hydrate formation in the presence of zwitterionic compounds. <i>Journal of Chemical Thermodynamics</i> , 2019 , 137, 94-100	2.9	3
237	New phase equilibrium data at ambient and high pressure for strongly asymmetric mixtures containing menthol. <i>Journal of Molecular Liquids</i> , 2019 , 286, 110819	6	1
236	Ternary liquid-liquid phase equilibria of {ionic liquid + thiophene + (octane/hexadecane)}. <i>Journal of Chemical Thermodynamics</i> , 2019 , 134, 157-163	2.9	8
235	Separation of water/butan-1-ol with ionic liquids in ternary liquid-liquid phase equilibrium. <i>Journal of Chemical Thermodynamics</i> , 2019 , 134, 76-83	2.9	6
234	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
233	Polymer [Ionic liquid [Pharmaceutical conjugates as drug delivery systems. <i>Journal of Molecular Structure</i> , 2019 , 1180, 573-584	3.4	15
232	Ammonium ionic liquids in extraction of bio-butan-1-ol from water phase using activity coefficients at infinite dilution. <i>Fluid Phase Equilibria</i> , 2019 , 479, 9-16	2.5	11
231	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

230	Thermodynamic study of molecular interaction-selectivity in separation processes based on limiting activity coefficients. <i>Journal of Chemical Thermodynamics</i> , 2018 , 121, 112-120	2.9	16
229	Evaluation and correlation of separation heptane/ethanol with ionic liquids. Ternary liquid-liquid phase equilibrium data. <i>Journal of Molecular Liquids</i> , 2018 , 255, 504-512	6	9
228	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
227	Separation of binary mixtures based on limiting activity coefficients data using specific ammonium-based ionic liquid and modelling of thermodynamic functions. <i>Fluid Phase Equilibria</i> , 2018 , 460, 155-161	2.5	2
226	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
225	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
224	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
223	Studying of drug solubility in water and alcohols using drug-ammonium ionic liquid-compounds. <i>European Journal of Pharmaceutical Sciences</i> , 2018 , 111, 270-277	5.1	21
222	New ionic liquid [P4,4,4,4][NTf2] in bio-butanol extraction on investigation of limiting activity coefficients. <i>Fluid Phase Equilibria</i> , 2018 , 475, 89-94	2.5	7
221	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
220	Liquid-liquid extraction of styrene from ethylbenzene using ionic liquids. <i>Journal of Chemical Thermodynamics</i> , 2018 , 124, 153-159	2.9	11
219	The use of ionic liquids for separation of binary hydrocarbons mixtures based on gamma infinity data measurements. <i>Journal of Chemical Thermodynamics</i> , 2018 , 127, 95-105	2.9	10
218	COSMO-RS screening for ionic liquid to be applied in extraction of 2-phenylethanol from aqueous solutions. <i>Journal of Molecular Liquids</i> , 2018 , 271, 305-312	6	11
217	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
216	Thermodynamics and activity coefficients at infinite dilution for organic solutes in the ionic liquid 1-butyl-1-methylpyrrolidinium dicyanamide. <i>Fluid Phase Equilibria</i> , 2018 , 473, 175-182	2.5	9
215	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
214	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
213	Designing eutectic mixtures for the extraction of 2-phenylethanol (PEA) from aqueous phase. <i>Fluid Phase Equilibria</i> , 2017 , 447, 84-94	2.5	9

212	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
211	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
210	Extraction of 2-Phenylethanol (PEA) from Aqueous Solution Using Ionic Liquids: Synthesis, Phase Equilibrium Investigation, Selectivity in Separation, and Thermodynamic Models. <i>Journal of Physical Chemistry B</i> , 2017 , 121, 7689-7698	3.4	19
209	Recovery of 2-phenylethanol from aqueous solutions of biosynthesis using ionic liquids. <i>Separation and Purification Technology</i> , 2017 , 188, 530-538	8.3	22
208	Selecting Critical Properties of Terpenes and Terpenoids through Group-Contribution Methods and Equations of State. <i>Industrial & Engineering Chemistry Research</i> , 2017 , 56, 9895-9905	3.9	5
207	Phase Diagrams in Representative Terpenoid Systems: Measurements and Calculations with Leading Thermodynamic Models. <i>Industrial & Engineering Chemistry Research</i> , 2017 , 56, 9753-9761	3.9	6
206	API-ammonium ionic liquid [Polymer compounds as a potential tool for delivery systems. <i>Journal of Molecular Liquids</i> , 2017 , 248, 972-980	6	16
205	Separation of water/butan-1-ol mixtures based on limiting activity coefficients with phosphonium-based ionic liquid. <i>Journal of Chemical Thermodynamics</i> , 2017 , 113, 183-191	2.9	23
204	The influence of temperature and composition on the density, viscosity and excess properties of aqueous mixtures of carboxylic-based ionic liquids. <i>Journal of Chemical Thermodynamics</i> , 2017 , 109, 71-81	3.9	20
203	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
202	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
201	An effect of cation functionalization on thermophysical properties of ionic liquids and solubility of glucose in them [Measurements and PC-SAFT calculations. <i>Journal of Chemical Thermodynamics</i> , 2016 , 92, 81-90	2.9	16
200	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
199	Extraction of 2-phenylethanol (PEA) from aqueous phases using tetracyanoborate-based ionic liquids. <i>Journal of Molecular Liquids</i> , 2016 , 224, 1124-1130	6	10
198	Separation of 2-phenylethanol (PEA) from water using ionic liquids. <i>Fluid Phase Equilibria</i> , 2016 , 423, 109-119	2.5	16
197	Separation Based on Limiting Activity Coefficients of Various Solutes in 1-Allyl-3-methylimidazolium Dicyanamide Ionic Liquid. <i>Industrial & Engineering Chemistry Research</i> , 2016 , 55, 5054-5062	3.9	43
196	Selection of Ionic Liquids to be Used as Separation Agents for Terpenes and Terpenoids. <i>ACS Sustainable Chemistry and Engineering</i> , 2016 , 4, 548-556	8.3	40
195	Recovery of an antidepressant from pharmaceutical wastes using ionic liquid-based aqueous biphasic systems. <i>Green Chemistry</i> , 2016 , 18, 3527-3536	10	28

194	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
193	(Solid-Liquid) equilibrium phase diagrams in binary mixtures containing terpenes: New experimental data and analysis of several modelling strategies with modified UNIFAC (Dortmund) and PC-SAFT equation of state. <i>Fluid Phase Equilibria</i> , 2016 , 422, 66-77	2.5	19
192	Effect of Cation Structure in Trifluoromethanesulfonate-Based Ionic Liquids: Density, Viscosity, and Aqueous Biphasic Systems Involving Carbohydrates as Salting-Out Agents. <i>Journal of Chemical & Engineering Data</i> , 2016 , 61, 1296-1304	2.8	20
191	A 1-alkylcyanopyridinium-based ionic liquid in the separation processes. <i>Journal of Chemical Thermodynamics</i> , 2016 , 97, 253-260	2.9	23
190	Prediction of ionic liquids phase equilibrium with the COSMO-RS model. <i>Fluid Phase Equilibria</i> , 2016 , 424, 16-31	2.5	20
189	Phase equilibrium in binary systems of ionic liquids, or deep eutectic solvents with 2-phenylethanol (PEA), or water. <i>Fluid Phase Equilibria</i> , 2016 , 424, 68-78	2.5	18
188	Thermodynamic Study of Molecular Interactions in Eutectic Mixtures Containing Camphene. <i>Journal of Physical Chemistry B</i> , 2016 , 120, 12928-12936	3.4	10
187	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	8.3	32
186	Separation of 2-Phenylethanol from Water by Liquid-Liquid Extraction with Ionic Liquids: New Experimental Data and Modeling with Modern Thermodynamic Tools. <i>Industrial & Engineering Chemistry Research</i> , 2016 , 55, 5736-5747	3.9	27
185	Separation of ethylbenzene/styrene systems using ionic liquids in ternary LLE. <i>Journal of Chemical Thermodynamics</i> , 2016 , 103, 423-431	2.9	15
184	Phase equilibrium investigation with ionic liquids and selectivity in separation of 2-phenylethanol from water. <i>Journal of Chemical Thermodynamics</i> , 2016 , 102, 357-366	2.9	20
183	Thermodynamics and selectivity of separation based on activity coefficients at infinite dilution of various solutes in 1-allyl-3-methylimidazolium bis((trifluoromethyl)sulfonyl)imide ionic liquid. <i>Journal of Chemical Thermodynamics</i> , 2016 , 102, 39-47	2.9	39
182	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
181	Ternary Liquid-Liquid Equilibria for Mixtures of {Ionic Liquid-Liquid} Thiophene or Benzothiophene-Heptane at T=308.15 K. <i>Journal of Solution Chemistry</i> , 2015 , 44, 382-394	1.8	20
180	Measurements and equation-of-state modelling of thermodynamic properties of binary mixtures of 1-butyl-1-methylpyrrolidinium tetracyanoborate ionic liquid with molecular compounds. <i>Journal of Chemical Thermodynamics</i> , 2015 , 90, 317-326	2.9	9
179	Measurements of activity coefficients at infinite dilution of organic solutes and water on polar imidazolium-based ionic liquids. <i>Journal of Chemical Thermodynamics</i> , 2015 , 91, 194-203	2.9	37
178	Solid-Liquid phase equilibria in binary mixtures of functionalized ionic liquids with sugar alcohols: New experimental data and modelling. <i>Fluid Phase Equilibria</i> , 2015 , 403, 167-175	2.5	11
177	Phase equilibrium and bioproduction of the aroma compound 2-phenylethanol in a biphasic aqueous system. <i>European Food Research and Technology</i> , 2015 , 240, 1177-1186	3.4	11

176	Phase diagrams of binary systems containing tricyanomethanide-based ionic liquids and thiophene or pyridine. New experimental data and PC-SAFT modelling. <i>Fluid Phase Equilibria</i> , 2015 , 399, 105-114	2.5	19
175	Separation of pyridine from heptane with tricyanomethanide-based ionic liquids. <i>Fluid Phase Equilibria</i> , 2015 , 395, 9-14	2.5	27
174	Thermodynamic study of binary mixtures of 1-butyl-1-methylpyrrolidinium dicyanamide ionic liquid with molecular solvents: new experimental data and modeling with PC-SAFT equation of state. <i>Journal of Physical Chemistry B</i> , 2015 , 119, 543-51	3.4	27
173	Phase equilibria study of binary systems comprising an (ionic liquid+hydrocarbon). <i>Journal of Chemical Thermodynamics</i> , 2015 , 83, 90-96	2.9	7
172	Phase behavior of tricyanomethanide-based ionic liquids with alcohols and hydrocarbons. <i>Fluid Phase Equilibria</i> , 2015 , 387, 18-23	2.5	9
171	Activity coefficients at infinite dilution for organic solutes and water in 1-ethyl-1-methylpyrrolidinium lactate. <i>Journal of Chemical Thermodynamics</i> , 2015 , 89, 127-133	2.9	24
170	Solubility of pharmaceuticals in water and alcohols. <i>Fluid Phase Equilibria</i> , 2015 , 392, 56-64	2.5	11
169	Experimental and theoretically study of interaction between organic compounds and tricyanomethanide based ionic liquids. <i>Journal of Chemical Thermodynamics</i> , 2015 , 85, 49-56	2.9	44
168	CXCR4 and CXCL12 Expression in Rectal Tumors of Stage IV Patients Before and After Local Radiotherapy and Systemic Neoadjuvant Treatment. <i>Current Pharmaceutical Design</i> , 2015 , 21, 2276-83	3.3	10
167	Effect of the alkyl side chain of the 1-alkylpiperidinium-based ionic liquids on desulfurization of fuels. <i>Journal of Chemical Thermodynamics</i> , 2014 , 72, 31-36	2.9	35
166	Separation of sulfur compounds from alkanes with 1-alkylcyanopyridinium-based ionic liquids. <i>Journal of Chemical Thermodynamics</i> , 2014 , 69, 27-35	2.9	45
165	The physicochemical properties and solubility of pharmaceuticals [Methyl xanthines]. <i>Journal of Chemical Thermodynamics</i> , 2014 , 79, 41-48	2.9	11
164	Phase equilibria and excess molar enthalpies study of the binary systems (pyrrole+hydrocarbon, or an alcohol) and modeling. <i>Fluid Phase Equilibria</i> , 2014 , 361, 116-129	2.5	15
163	Density, Viscosity and Surface Tension of Binary Mixtures of 1-Butyl-1-Methylpyrrolidinium Tricyanomethanide with Benzothiophene. <i>Journal of Solution Chemistry</i> , 2014 , 43, 1929-1946	1.8	25
162	Excess enthalpies of mixing, effect of temperature and composition on the density, and viscosity and thermodynamic properties of binary systems of {ammonium-based ionic liquid + alkanediol}. <i>Journal of Physical Chemistry B</i> , 2014 , 118, 12692-705	3.4	26
161	Lithium cation conducting TDI anion-based ionic liquids. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 11417-25	3.6	19
160	Viscosity of ionic liquids: an extensive database and a new group contribution model based on a feed-forward artificial neural network. <i>Journal of Chemical Information and Modeling</i> , 2014 , 54, 1311-24	6.1	156
159	Thermodynamics and activity coefficients at infinite dilution for organic solutes, water and diols in the ionic liquid choline bis(trifluoromethylsulfonyl)imide. <i>Journal of Chemical Thermodynamics</i> , 2014 , 77, 63-70	2.9	65

158	Solubility data and modeling for sugar alcohols in ionic liquids. <i>Journal of Chemical Thermodynamics</i> , 2014 , 77, 23-30	2.9	4
157	Effect of the cation and anion of the ionic liquid on desulfurization of model fuels. <i>Fuel</i> , 2014 , 134, 114-125	124	
156	Solubility of ionic liquids in 2-phenylethanol (PEA) and water. <i>Fluid Phase Equilibria</i> , 2014 , 376, 55-63	2.5	14
155	PLGA biodegradable nanoparticles containing perphenazine or chlorpromazine hydrochloride: effect of formulation and release. <i>International Journal of Molecular Sciences</i> , 2014 , 15, 23909-23	6.3	51
154	Thermodynamics and activity coefficients at infinite dilution for organic solutes and water in the ionic liquid 1-butyl-1-methylmorpholinium tricyanomethanide. <i>Journal of Chemical Thermodynamics</i> , 2014 , 68, 53-59	2.9	41
153	Extraction desulfurization process of fuels with ionic liquids. <i>Journal of Chemical Thermodynamics</i> , 2014 , 77, 40-45	2.9	45
152	Estimation of extraction properties of new imidazolidine anion based ionic liquids on the basis of activity coefficient at infinite dilution measurements. <i>Separation and Purification Technology</i> , 2013 , 118, 242-254	8.3	33
151	Aggregation of nanoparticles in aqueous solutions of ionic liquids. <i>Journal of Molecular Liquids</i> , 2013 , 186, 1-6	6	11
150	Effect of temperature and composition on the density, viscosity surface tension and excess quantities of binary mixtures of 1-ethyl-3-methylimidazolium tricyanomethanide with thiophene. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2013 , 436, 504-511	5.1	36
149	Physicochemical properties and activity coefficients at infinite dilution for organic solutes and water in a novel bicyclic guanidinium superbase-derived protic ionic liquid. <i>Journal of Chemical Thermodynamics</i> , 2013 , 58, 62-69	2.9	31
148	Experimental and theoretical study on infinite dilution activity coefficients of various solutes in piperidinium ionic liquids. <i>Journal of Chemical Thermodynamics</i> , 2013 , 60, 169-178	2.9	65
147	New high throughput screening method for drug release measurements. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2013 , 85, 151-7	5.7	5
146	Synthesis, physical, and thermodynamic properties of 1-alkyl-cyanopyridinium bis((trifluoromethyl)sulfonyl)imide ionic liquids. <i>Journal of Chemical Thermodynamics</i> , 2013 , 56, 153-161	2.9	40
145	Measurements of activity coefficients at infinite dilution for organic solutes and water in the ionic liquid 1-butyl-1-methylpyrrolidinium tricyanomethanide. <i>Journal of Chemical Thermodynamics</i> , 2013 , 66, 144-150	2.9	52
144	Phase behaviour of ionic liquid 1-butyl-1-methylpyrrolidinium tris(pentafluoroethyl)trifluorophosphate with alcohols, water and aromatic hydrocarbons. <i>Fluid Phase Equilibria</i> , 2013 , 345, 18-22	2.5	21
143	Excess enthalpies of mixing of piperidinium ionic liquids with short-chain alcohols: measurements and PC-SAFT modeling. <i>Journal of Physical Chemistry B</i> , 2013 , 117, 3884-91	3.4	38
142	Heat Capacity, Excess Molar Volumes and Viscosity Deviation of Binary Systems of N-octylisoquinolinium bis((trifluoromethyl)sulfonyl)imide Ionic Liquid. <i>Zeitschrift Fur Physikalische Chemie</i> , 2013 , 227, 217-238	3.1	11
141	Prediction of the solubility of selected pharmaceuticals in water and alcohols with a group contribution method. <i>Journal of Chemical Thermodynamics</i> , 2013 , 62, 118-129	2.9	6

140	Solvent extraction of aromatic sulfur compounds from n-heptane using the 1-ethyl-3-methylimidazolium tricyanomethanide ionic liquid. <i>Journal of Chemical Thermodynamics</i> , 2013 , 65, 168-173	2.9	90
139	Separation of thiophene from heptane with ionic liquids. <i>Journal of Chemical Thermodynamics</i> , 2013 , 61, 126-131	2.9	84
138	Renewable feedstocks in green solvents: thermodynamic study on phase diagrams of D-sorbitol and xylitol with dicyanamide based ionic liquids. <i>Journal of Physical Chemistry B</i> , 2013 , 117, 7034-46	3.4	27
137	Extension of modified UNIFAC (Dortmund) matrix to piperidinium ionic liquids. <i>Fluid Phase Equilibria</i> , 2013 , 353, 115-120	2.5	18
136	Sweet-in-Green Systems Based on Sugars and Ionic Liquids: New Solubility Data and Thermodynamic Analysis. <i>Industrial & Engineering Chemistry Research</i> , 2013 , 52, 18482-18491	3.9	20
135	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
134	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
133	Effect of temperature and composition on the density, viscosity, surface tension, and thermodynamic properties of binary mixtures of N-octylisoquinolinium bis((trifluoromethyl)sulfonyl)imide with alcohols. <i>Journal of Chemical Thermodynamics</i> , 2012 , 48, 101-111	2.9	79
132	Thermodynamic properties of the N-octylquinolinium bis((trifluoromethyl)sulfonyl)imide. <i>Journal of Chemical Thermodynamics</i> , 2012 , 48, 276-283	2.9	12
131	Extraction of butan-1-ol from water with ionic liquids at T = 308.15 K. <i>Journal of Chemical Thermodynamics</i> , 2012 , 53, 108-113	2.9	68
130	Density and Viscosity of Binary Mixtures of Thiocyanate Ionic Liquids + Water as a Function of Temperature. <i>Journal of Solution Chemistry</i> , 2012 , 41, 1422-1445	1.8	73
129	Solubility of ionic liquids in water and octan-1-ol and octan-1-ol/water, or 2-phenylethanol/water partition coefficients. <i>Journal of Chemical Thermodynamics</i> , 2012 , 55, 225-233	2.9	23
128	Vapor-Liquid Equilibrium Data for Binary Systems of 1H-Pyrrole with Butan-1-ol, Propan-1-ol, or Pentan-1-ol. <i>Journal of Chemical & Engineering Data</i> , 2012 , 57, 2520-2527	2.8	8
127	Extraction of Nitrofurantoin Using Ionic Liquids. <i>Journal of Chemical & Engineering Data</i> , 2012 , 57, 1894-1898	2.8	9
126	Heterosegmented Perturbed-Chain Statistical Associating Fluid Theory as a Robust and Accurate Tool for Modeling of Various Alkanes. 1. Pure Fluids. <i>Industrial & Engineering Chemistry Research</i> , 2012 , 51, 12967-12983	3.9	28
125	Measurements of activity coefficients at infinite dilution for organic solutes and water in the ionic liquid 1-ethyl-3-methylimidazolium methanesulfonate. <i>Journal of Chemical Thermodynamics</i> , 2012 , 54, 20-27	2.9	36
124	Perturbed-chain SAFT as a versatile tool for thermodynamic modeling of binary mixtures containing isoquinolinium ionic liquids. <i>Journal of Physical Chemistry B</i> , 2012 , 116, 8191-200	3.4	31
123	A New Group Contribution Method For Prediction of Density of Pure Ionic Liquids over a Wide Range of Temperature and Pressure. <i>Industrial & Engineering Chemistry Research</i> , 2012 , 51, 591-604	3.9	108

122	Thermodynamic modeling of ionic liquid systems: development and detailed overview of novel methodology based on the PC-SAFT. <i>Journal of Physical Chemistry B</i> , 2012 , 116, 5002-18	3.4	88
121	Phase equilibria study of binary and ternary mixtures of {N-octylisoquinolinium bis((trifluoromethyl)sulfonyl)imide + hydrocarbon, or an alcohol, or water}. <i>Chemical Engineering Journal</i> , 2012 , 181-182, 63-71	14.7	44
120	Measurements of activity coefficients at infinite dilution for organic solutes and water in the ionic liquid 1-butyl-1-methylpyrrolidinium tris(pentafluoroethyl)trifluorophosphate ([BMPYR][FAP]). <i>Chemical Engineering Journal</i> , 2012 , 183, 261-270	14.7	56
119	Solubility of sparingly soluble drug derivatives of anthranilic acid. <i>Journal of Physical Chemistry B</i> , 2011 , 115, 2547-54	3.4	29
118	Solubility of aliphatic hydrocarbons in piperidinium ionic liquids: measurements and modeling in terms of perturbed-chain statistical associating fluid theory and nonrandom hydrogen-bonding theory. <i>Journal of Physical Chemistry B</i> , 2011 , 115, 12537-48	3.4	47
117	Phase equilibria study of {N-hexylisoquinolinium bis((trifluoromethyl)sulfonyl)imide + aromatic hydrocarbons or an alcohol} binary systems. <i>Journal of Physical Chemistry B</i> , 2011 , 115, 4003-10	3.4	21
116	Limiting activity coefficients and gas-liquid partition coefficients of various solutes in piperidinium ionic liquids: measurements and LSER calculations. <i>Journal of Physical Chemistry B</i> , 2011 , 115, 8207-15	3.4	72
115	Thermodynamics and activity coefficients at infinite dilution measurements for organic solutes and water in the ionic liquid 1-butyl-1-methylpyrrolidinium tetracyanoborate. <i>Journal of Chemical Thermodynamics</i> , 2011 , 43, 1810-1817	2.9	74
114	Solubility and pKa determination of six structurally related phenothiazines. <i>International Journal of Pharmaceutics</i> , 2011 , 421, 135-44	6.5	8
113	Phase behaviour of 1-butyl-1-methylpyrrolidinium thiocyanate ionic liquid. <i>Fluid Phase Equilibria</i> , 2011 , 308, 55-63	2.5	28
112	Physico-chemical properties and phase behaviour of piperidinium-based ionic liquids. <i>Fluid Phase Equilibria</i> , 2011 , 303, 1-9	2.5	44
111	Modelling, solubility and pK(a) of five sparingly soluble drugs. <i>International Journal of Pharmaceutics</i> , 2011 , 403, 115-22	6.5	31
110	Measurements of activity coefficients at infinite dilution of organic compounds and water in isoquinolinium-based ionic liquid [C8iQuin][NTf2] using GLC. <i>Journal of Chemical Thermodynamics</i> , 2011 , 43, 499-504	2.9	69
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108	Thermodynamics and activity coefficients at infinite dilution measurements for organic solutes and water in the ionic liquid N-hexyl-3-methylpyridinium tosylate. <i>Journal of Physical Chemistry B</i> , 2011 , 115, 7397-404	3.4	17
107	Liquid–liquid phase equilibrium of (piperidinium-based ionic liquid+an alcohol) binary systems and modelling with NRHB and PCP-SAFT. <i>Fluid Phase Equilibria</i> , 2011 , 305, 43-52	2.5	64
106	Solubility of fragrance raw materials in water: Experimental study, correlations, and Mod. UNIFAC (Do) predictions. <i>Journal of Chemical Thermodynamics</i> , 2011 , 43, 28-33	2.9	2
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101	Effect of 2-hydroxypropyl- β -cyclodextrin on solubility of sparingly soluble drug derivatives of anthranilic acid. <i>International Journal of Molecular Sciences</i> , 2011 , 12, 2383-94	6.3	22
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95	Measurements of activity coefficients at infinite dilution in solvent mixtures with thiocyanate-based ionic liquids using GLC technique. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 8460-6	3.4	76
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