

Urszula Domańska

List of Publications by Year in descending order

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248
papers

10,015
citations

23544

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docs citations

251
times ranked

4282
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of the ionic liquids on extraction of aromatic and sulfur compounds from the model petrochemical stream. <i>Fluid Phase Equilibria</i> , 2022, 552, 113296.	1.4	6
2	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.	1.4	2
3	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.	1.0	5
4	[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.	1.4	16
5	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, 5687.	1.7	6
6	Separation of thiophene from octane/hexadecane with ionic liquids in ternary liquid-liquid phase equilibrium. <i>Fluid Phase Equilibria</i> , 2020, 509, 112467.	1.4	17
7	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.	2.3	37
8	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.	1.4	7
9	Experimental Data of Fluid Phase Equilibria- Correlation and Prediction Models: A Review. <i>Processes</i> , 2019, 7, 277.	1.3	20
10	Experimental study of carbon dioxide gas hydrate formation in the presence of zwitterionic compounds. <i>Journal of Chemical Thermodynamics</i> , 2019, 137, 94-100.	1.0	4
11	New phase equilibrium data at ambient and high pressure for strongly asymmetric mixtures containing menthol. <i>Journal of Molecular Liquids</i> , 2019, 286, 110819.	2.3	2
12	Ternary liquid-liquid phase equilibria of {ionic liquid+thiophene+(octane/hexadecane)}. <i>Journal of Chemical Thermodynamics</i> , 2019, 134, 157-163.	1.0	13
13	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.	1.0	8
14	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.	1.4	17
15	Polymer " Ionic liquid " Pharmaceutical conjugates as drug delivery systems. <i>Journal of Molecular Structure</i> , 2019, 1180, 573-584.	1.8	25
16	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.	1.4	14
17	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.	1.4	18
18	Thermodynamic study of molecular interaction-selectivity in separation processes based on limiting activity coefficients. <i>Journal of Chemical Thermodynamics</i> , 2018, 121, 112-120.	1.0	18

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19	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.	2.3	9
20	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.	1.0	16
21	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.	1.4	2
22	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.	3.9	21
23	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.	1.0	15
24	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.	1.0	26
25	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.	1.9	25
26	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.	2.3	13
27	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.	1.2	5
28	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.	1.4	15
29	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.	1.4	10
30	The Ethylbenzene/Styrene Preferential Separation with Ionic Liquids in Liquid-Liquid Extraction. <i>Journal of Solution Chemistry</i> , 2018, 47, 1578-1596.	0.6	4
31	Liquid-liquid extraction of styrene from ethylbenzene using ionic liquids. <i>Journal of Chemical Thermodynamics</i> , 2018, 124, 153-159.	1.0	23
32	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.	1.0	10
33	Formulation of nimesulide-loaded polylactide/poly(lactic-co-glycolic acid) nanoparticles and the evaluation of release kinetics. <i>Polimery</i> , 2018, 63, 586-593.	0.4	0
34	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.	1.0	19
35	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.	1.4	22
36	Designing eutectic mixtures for the extraction of 2-phenylethanol (PEA) from aqueous phase. <i>Fluid Phase Equilibria</i> , 2017, 447, 84-94.	1.4	11

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37	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.	1.0	29
38	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.	2.7	10
39	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.	1.2	22
40	Recovery of 2-phenylethanol from aqueous solutions of biosynthesis using ionic liquids. <i>Separation and Purification Technology</i> , 2017, 188, 530-538.	3.9	23
41	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.	1.8	9
42	Phase Diagrams in Representative Terpenoid Systems: Measurements and Calculations with Leading Thermodynamic Models. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 9753-9761.	1.8	7
43	API-ammonium ionic liquid - Polymer compounds as a potential tool for delivery systems. <i>Journal of Molecular Liquids</i> , 2017, 248, 972-980.	2.3	21
44	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.	1.0	25
45	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.	1.0	24
46	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.	1.0	24
47	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.	2.3	33
48	Thermodynamic Study of Molecular Interactions in Eutectic Mixtures Containing Camphene. <i>Journal of Physical Chemistry B</i> , 2016, 120, 12928-12936.	1.2	13
49	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.	3.9	33
50	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.	1.8	32
51	Separation of ethylbenzene/styrene systems using ionic liquids in ternary LLE. <i>Journal of Chemical Thermodynamics</i> , 2016, 103, 423-431.	1.0	18
52	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.	1.0	21
53	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.	1.0	42
54	Thermodynamics and limiting activity coefficients measurements for organic solutes and water in the ionic liquid 1-dodecyl-3-methylimidazolium bis{(trifluoromethyl)sulfonyl} imide. <i>Journal of Chemical Thermodynamics</i> , 2016, 103, 76-85.	1.0	36

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55	Separation of hex-1-ene/hexane and cyclohexene/cyclohexane compounds with [EMIM]-based ionic liquids. <i>Fluid Phase Equilibria</i> , 2016, 427, 421-428.	1.4	21
56	Extraction of 2-phenylethanol (PEA) from aqueous phases using tetracyanoborate-based ionic liquids. <i>Journal of Molecular Liquids</i> , 2016, 224, 1124-1130.	2.3	11
57	Separation of 2-phenylethanol (PEA) from water using ionic liquids. <i>Fluid Phase Equilibria</i> , 2016, 423, 109-119.	1.4	16
58	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.	1.8	45
59	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.	3.2	49
60	Recovery of an antidepressant from pharmaceutical wastes using ionic liquid-based aqueous biphasic systems. <i>Green Chemistry</i> , 2016, 18, 3527-3536.	4.6	35
61	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.	1.4	60
62	(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.	1.4	23
63	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.	1.0	23
64	A 1-alkylcyanopyridinium-based ionic liquid in the separation processes. <i>Journal of Chemical Thermodynamics</i> , 2016, 97, 253-260.	1.0	25
65	Prediction of ionic liquids phase equilibrium with the COSMO-RS model. <i>Fluid Phase Equilibria</i> , 2016, 424, 16-31.	1.4	28
66	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.	1.4	21
67	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.	1.0	18
68	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.	1.0	30
69	Solubility of pharmaceuticals in water and alcohols. <i>Fluid Phase Equilibria</i> , 2015, 392, 56-64.	1.4	11
70	Experimental and theoretical study of interaction between organic compounds and tricyanomethanide based ionic liquids. <i>Journal of Chemical Thermodynamics</i> , 2015, 85, 49-56.	1.0	47
71	Ternary Liquid-Liquid Equilibria for Mixtures of {Ionic Liquid+Thiophene or Benzothiophene+Heptane} at T=308.15K. <i>Journal of Solution Chemistry</i> , 2015, 44, 382-394.	0.6	21
72	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.	1.0	12

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73	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.	1.0	45
74	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.	1.4	16
75	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.	1.6	14
76	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.	1.4	20
77	Separation of pyridine from heptane with tricyanomethanide-based ionic liquids. <i>Fluid Phase Equilibria</i> , 2015, 395, 9-14.	1.4	30
78	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, 543-551.	1.2	29
79	Phase equilibria study of binary systems comprising an (ionic liquid+hydrocarbon). <i>Journal of Chemical Thermodynamics</i> , 2015, 83, 90-96.	1.0	8
80	Phase behavior of tricyanomethanide-based ionic liquids with alcohols and hydrocarbons. <i>Fluid Phase Equilibria</i> , 2015, 387, 18-23.	1.4	10
81	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, 2276-2283.	0.9	15
82	PLGA Biodegradable Nanoparticles Containing Perphenazine or Chlorpromazine Hydrochloride: Effect of Formulation and Release. <i>International Journal of Molecular Sciences</i> , 2014, 15, 23909-23923.	1.8	62
83	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.	1.0	48
84	Extraction desulfurization process of fuels with ionic liquids. <i>Journal of Chemical Thermodynamics</i> , 2014, 77, 40-45.	1.0	53
85	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.	1.0	38
86	Separation of sulfur compounds from alkanes with 1-alkylcyanopyridinium-based ionic liquids. <i>Journal of Chemical Thermodynamics</i> , 2014, 69, 27-35.	1.0	52
87	The physicochemical properties and solubility of pharmaceuticals — Methyl xanthines. <i>Journal of Chemical Thermodynamics</i> , 2014, 79, 41-48.	1.0	13
88	Phase equilibria and excess molar enthalpies study of the binary systems (pyrrole+hydrocarbon, or an) Tj ETQq0 0 0,rgBT /Overlock 10 T	1.4	18
89	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.	0.6	29
90	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, 12692-12705.	1.2	31

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91	Lithium cation conducting TDI anion-based ionic liquids. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 11417-11425.	1.3	21
92	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, 1311-1324.	2.5	208
93	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.	1.0	74
94	Solubility data and modeling for sugar alcohols in ionic liquids. <i>Journal of Chemical Thermodynamics</i> , 2014, 77, 23-30.	1.0	6
95	Effect of the cation and anion of the ionic liquid on desulfurization of model fuels. <i>Fuel</i> , 2014, 134, 114-125.	3.4	142
96	Solubility of ionic liquids in 2-phenylethanol (PEA) and water. <i>Fluid Phase Equilibria</i> , 2014, 376, 55-63.	1.4	16
97	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.	3.9	36
98	Aggregation of nanoparticles in aqueous solutions of ionic liquids. <i>Journal of Molecular Liquids</i> , 2013, 186, 1-6.	2.3	13
99	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.	2.3	43
100	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.	1.0	34
101	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.	1.0	74
102	New high throughput screening method for drug release measurements. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2013, 85, 151-157.	2.0	5
103	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.	1.0	45
104	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.	1.0	63
105	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.	1.4	21
106	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, 3884-3891.	1.2	41
107	Heat Capacity, Excess Molar Volumes and Viscosity Deviation of Binary Systems of <i>N</i> -octylisoquinolinium bis((trifluoromethyl)sulfonyl)imide Ionic Liquid. <i>Zeitschrift Fur Physikalische Chemie</i> , 2013, 227, 217-238.	1.4	15
108	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.	1.0	7

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109	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.	1.0	103
110	Separation of thiophene from heptane with ionic liquids. <i>Journal of Chemical Thermodynamics</i> , 2013, 61, 126-131.	1.0	97
111	Renewable Feedstocks in Green Solvents: Thermodynamic Study on Phase Diagrams of α -Sorbitol and Xylitol with Dicyanamide Based Ionic Liquids. <i>Journal of Physical Chemistry B</i> , 2013, 117, 7034-7046.	1.2	33
112	Extension of modified UNIFAC (Dortmund) matrix to piperidinium ionic liquids. <i>Fluid Phase Equilibria</i> , 2013, 353, 115-120.	1.4	18
113	"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.	1.8	25
114	Physico-Chemical Properties and Phase Behavior of the Ionic Liquid- β -Cyclodextrin Complexes. <i>International Journal of Molecular Sciences</i> , 2013, 14, 16638-16655.	1.8	9
115	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.	0.6	86
116	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.	1.0	25
117	Vapor-Liquid Equilibrium Data for Binary Systems of 1-H-Pyrrole with Butan-1-ol, Propan-1-ol, or Pentan-1-ol. <i>Journal of Chemical & Engineering Data</i> , 2012, 57, 2520-2527.	1.0	10
118	Extraction of Nitrofurantoin Using Ionic Liquids. <i>Journal of Chemical & Engineering Data</i> , 2012, 57, 1894-1898.	1.0	10
119	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.	1.8	32
120	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.	1.0	38
121	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, 8191-8200.	1.2	32
122	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.	1.8	127
123	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, 5002-5018.	1.2	103
124	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.	6.6	48
125	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.	6.6	63
126	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.	1.0	52

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127	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.	1.0	91
128	Thermodynamic properties of the N-octylquinolinium bis{(trifluoromethyl)sulfonyl}imide. <i>Journal of Chemical Thermodynamics</i> , 2012, 48, 276-283.	1.0	13
129	Extraction of butan-1-ol from water with ionic liquids at T=308.15K. <i>Journal of Chemical Thermodynamics</i> , 2012, 53, 108-113.	1.0	72
130	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, 7397-7404.	1.2	21
131	Solubility of Sparingly Soluble Drug Derivatives of Anthranilic Acid. <i>Journal of Physical Chemistry B</i> , 2011, 115, 2547-2554.	1.2	31
132	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, 12537-12548.	1.2	50
133	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, 4003-4010.	1.2	22
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