

Alberto Arce

List of Publications by Year in descending order

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148
papers

6,217
citations

43973

48
h-index

85405

71
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151
all docs

151
docs citations

151
times ranked

3218
citing authors

#	ARTICLE	IF	CITATIONS
1	Separation of aromatic hydrocarbons from alkanes using the ionic liquid 1-ethyl-3-methylimidazolium bis{(trifluoromethyl) sulfonyl}amide. <i>Green Chemistry</i> , 2007, 9, 70-74.	4.6	223
2	Separation of Benzene and Hexane by Solvent Extraction with 1-Alkyl-3-methylimidazolium Bis{(trifluoromethyl)sulfonyl}amide Ionic Liquids: A Effect of the Alkyl-Substituent Length. <i>Journal of Physical Chemistry B</i> , 2007, 111, 4732-4736.	1.2	194
3	Gasoline desulfurization using extraction with [C ₈ mim][BF ₄] ionic liquid. <i>AIChE Journal</i> , 2007, 53, 3108-3115.	1.8	174
4	Ionic liquids on desulfurization of fuel oils. <i>Fluid Phase Equilibria</i> , 2010, 294, 39-48.	1.4	167
5	Solvent extraction of thiophene from n-alkanes (C7, C12, and C16) using the ionic liquid [C8mim][BF4]. <i>Journal of Chemical Thermodynamics</i> , 2008, 40, 966-972.	1.0	149
6	Partitioning of antibiotics in a two-liquid phase system formed by water and a room temperature ionic liquid. <i>Separation and Purification Technology</i> , 2005, 44, 242-246.	3.9	125
7	Extractive and oxidative-extractive desulfurization of fuels with ionic liquids. <i>Fuel</i> , 2014, 117, 882-889.	3.4	124
8	Physical and Excess Properties for Binary Mixtures of 1-Methyl-3-Octylimidazolium Tetrafluoroborate, [Omim][BF4], Ionic Liquid with Different Alcohols. <i>Journal of Solution Chemistry</i> , 2006, 35, 63-78.	0.6	117
9	1-Ethyl-3-methylimidazolium bis{(trifluoromethyl)sulfonyl}amide as solvent for the separation of aromatic and aliphatic hydrocarbons by liquid extraction – extension to C7- and C8-fractions. <i>Green Chemistry</i> , 2008, 10, 1294.	4.6	116
10	Title is missing!. <i>Journal of Solution Chemistry</i> , 2003, 32, 53-63.	0.6	114
11	Thiophene separation from aliphatic hydrocarbons using the 1-ethyl-3-methylimidazolium ethylsulfate ionic liquid. <i>Fluid Phase Equilibria</i> , 2008, 270, 97-102.	1.4	112
12	Phase behaviour of 1-methyl-3-octylimidazolium bis[trifluoromethylsulfonyl]imide with thiophene and aliphatic hydrocarbons: The influence of n-alkane chain length. <i>Fluid Phase Equilibria</i> , 2008, 263, 176-181.	1.4	108
13	Bis{(trifluoromethyl)sulfonyl}amide ionic liquids as solvents for the extraction of aromatic hydrocarbons from their mixtures with alkanes: effect of the nature of the cation. <i>Green Chemistry</i> , 2009, 11, 365-372.	4.6	104
14	Mutually immiscible ionic liquids. <i>Chemical Communications</i> , 2006, , 2548-2550.	2.2	103
15	Thermodynamics of Diglycine and Triglycine in Aqueous NaCl Solutions: Apparent Molar Volume, Isentropic Compressibility, and Refractive Index. <i>Journal of Solution Chemistry</i> , 2004, 33, 11-21.	0.6	101
16	Absorption of Carbon Dioxide in Two Binary Mixtures of Ionic Liquids. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 5975-5984.	1.8	101
17	Volumetric and Viscosity Study for the Mixtures of 2-Ethoxy-2-methylpropane, Ethanol, and 1-Ethyl-3-methylimidazolium Ethyl Sulfate Ionic Liquid. <i>Journal of Chemical & Engineering Data</i> , 2006, 51, 1453-1457.	1.0	100
18	Use of a green and cheap ionic liquid to purify gasoline octane boosters. <i>Green Chemistry</i> , 2007, 9, 247-253.	4.6	91

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19	Application of mutually immiscible ionic liquids to the separation of aromatic and aliphatic hydrocarbons by liquid extraction: a preliminary approach. <i>Physical Chemistry Chemical Physics</i> , 2008, 10, 2538.	1.3	83
20	Solubilities and diffusivities of water vapor in poly(methylmethacrylate), poly(2-hydroxyethylmethacrylate), poly(N-vinyl-2-pyrrolidone) and poly(acrylonitrile). <i>Polymer</i> , 2003, 44, 6323-6333.	1.8	82
21	Citrus essential oil terpenes by extraction using 1-ethyl-3-methylimidazolium ethylsulfate ionic liquid: Effect of the temperature. <i>Chemical Engineering Journal</i> , 2007, 133, 213-218.	6.6	81
22	Enhanced oil recovery using the ionic liquid trihexyl(tetradecyl)phosphonium chloride: phase behaviour and properties. <i>RSC Advances</i> , 2012, 2, 9392.	1.7	81
23	Experimental Determination of Liquid-Liquid Equilibrium Using Ionic Liquids: tert-Amyl Ethyl Ether + Ethanol + 1-Octyl-3-Methylimidazolium Chloride System at 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 2004, 49, 514-517.	1.0	78
24	Effect of anion fluorination in 1-ethyl-3-methylimidazolium as solvent for the liquid extraction of ethanol from ethyl tert-butyl ether. <i>Fluid Phase Equilibria</i> , 2006, 242, 164-168.	1.4	78
25	tert-Amyl Ethyl Ether Separation from Its Mixtures with Ethanol Using the 1-Butyl-3-methylimidazolium Trifluoromethanesulfonate Ionic Liquid: Liquid-Liquid Equilibrium. <i>Industrial & Engineering Chemistry Research</i> , 2004, 43, 8323-8327.	1.8	77
26	(Liquid+liquid) equilibria of [C8mim][Ntf2] ionic liquid with a sulfur-component and hydrocarbons. <i>Journal of Chemical Thermodynamics</i> , 2008, 40, 265-270.	1.0	77
27	Liquid-Liquid Equilibria of the Ternary Mixtures Water + Propanoic Acid + Methyl Ethyl Ketone and Water + Propanoic Acid + Methyl Propyl Ketone. <i>Journal of Chemical & Engineering Data</i> , 1995, 40, 225-229.	1.0	73
28	Essential oil terpenes by extraction using organic solvents or ionic liquids. <i>AIChE Journal</i> , 2006, 52, 2089-2097.	1.8	72
29	A thermodynamic study on binary and ternary mixtures of acetonitrile, water and butyl acetate. <i>Fluid Phase Equilibria</i> , 2002, 203, 83-98.	1.4	70
30	Experimental data and modelling of apparent molar volumes, isentropic compressibilities and refractive indices in aqueous solutions of glycine+NaCl. <i>Biophysical Chemistry</i> , 1998, 74, 165-173.	1.5	69
31	Physical and equilibrium properties of diisopropyl ether+isopropyl alcohol+water system. <i>Fluid Phase Equilibria</i> , 2000, 170, 113-126.	1.4	69
32	Evaluation of the polysubstituted pyridinium ionic liquid [hmmpy][Ntf2] as a suitable solvent for desulfurization: Phase equilibria. <i>Journal of Chemical Thermodynamics</i> , 2010, 42, 712-718.	1.0	66
33	Physico-chemical Properties of Binary and Ternary Mixtures of Ethyl Acetate + Ethanol + 1-Butyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide at 298.15 K and Atmospheric Pressure. <i>Journal of Solution Chemistry</i> , 2010, 39, 371-383.	0.6	65
34	Phase equilibria of mixtures of mutually immiscible ionic liquids. <i>Fluid Phase Equilibria</i> , 2007, 261, 427-433.	1.4	64
35	VLE Measurements of Binary Mixtures of Methanol, Ethanol, 2-Methoxy-2-methylpropane, and 2-Methoxy-2-methylbutane at 101.32 kPa. <i>Journal of Chemical & Engineering Data</i> , 1996, 41, 718-723.	1.0	59
36	Desulfurization of fuels by liquid-liquid extraction with 1-ethyl-3-methylimidazolium ionic liquids. <i>Fluid Phase Equilibria</i> , 2013, 356, 126-135.	1.4	59

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37	Characterization and interfacial properties of the surfactant ionic liquid 1-dodecyl-3-methyl imidazolium acetate for enhanced oil recovery. RSC Advances, 2015, 5, 37392-37398.	1.7	59
38	Liquid-Liquid Equilibria for Systems Composed by 1-Methyl-3-octylimidazolium Tetrafluoroborate Ionic Liquid, Thiophene, and n-Hexane or Cyclohexane. Journal of Chemical & Engineering Data, 2007, 52, 1729-1732.	1.0	58
39	Liquid-liquid equilibria of the system water + acetic acid + methyl isopropyl ketone between 25 and 55.degree.C. Journal of Chemical & Engineering Data, 1989, 34, 415-419.	1.0	57
40	Densities, refractive indices, and excess molar volumes of the ternary systems water + methanol + 1-octanol and water + ethanol + 1-octanol and their binary mixtures at 298.15 K. Journal of Chemical & Engineering Data, 1993, 38, 336-340.	1.0	57
41	Liquid-liquid equilibrium and interfacial tension of the ternary system heptane+thiophene+1-ethyl-3-methylimidazolium bis(trifluoromethanesulfonyl)imide. Fluid Phase Equilibria, 2010, 298, 240-245.	1.4	56
42	Extraction Ability of Nitrogen-Containing Compounds Involved in the Desulfurization of Fuels by Using Ionic Liquids. Journal of Chemical & Engineering Data, 2010, 55, 3262-3267.	1.0	56
43	Physical properties and phase equilibria of the system isopropyl acetate+isopropanol+1-octyl-3-methyl-imidazolium bis(trifluoromethylsulfonyl)imide. Fluid Phase Equilibria, 2010, 287, 84-94.	1.4	55
44	Liquid-liquid equilibria of the ternary system water + propanoic acid + methyl isobutyl ketone at various temperatures. Journal of Chemical & Engineering Data, 1993, 38, 201-203.	1.0	54
45	Improved concentration of citrus essential oil by solvent extraction with acetate ionic liquids. Fluid Phase Equilibria, 2014, 361, 37-44.	1.4	54
46	Deterpenation of Citrus Essential Oil by Liquid-Liquid Extraction with 1-Alkyl-3-methylimidazolium Bis(trifluoromethylsulfonyl)amide Ionic Liquids. Journal of Chemical & Engineering Data, 2011, 56, 1273-1281.	1.0	51
47	Sorption and transport of water vapor in thin polymer films at 35°C. Physical Chemistry Chemical Physics, 2004, 6, 103-108.	1.3	50
48	Effect of the cation and the anion of an electrolyte on the solubility of dl-aminobutyric acid in aqueous solutions: measurement and modelling. Biophysical Chemistry, 1998, 73, 77-83.	1.5	48
49	Hexyl dimethylpyridinium ionic liquids for desulfurization of fuels. Effect of the position of the alkyl side chains. Fluid Phase Equilibria, 2012, 314, 107-112.	1.4	48
50	Purification of ethyl tert-butyl ether from its mixtures with ethanol by using an ionic liquid. Chemical Engineering Journal, 2006, 115, 219-223.	6.6	47
51	Measurement and Correlation of Liquid-Liquid Equilibria of Two Imidazolium Ionic Liquids with Thiophene and Methylcyclohexane. Journal of Chemical & Engineering Data, 2007, 52, 2409-2412.	1.0	47
52	Physical and excess properties of (methyl acetate+methanol+1-octyl-3-methyl-imidazolium) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 T Journal of Chemical Thermodynamics, 2009, 41, 1317-1323.	1.0	46
53	A comparative study on solvents for separation of tert-amyl ethyl ether and ethanol mixtures. New experimental data for 1-ethyl-3-methyl imidazolium ethyl sulfate ionic liquid. Chemical Engineering Science, 2006, 61, 6929-6935.	1.9	44
54	Citrus Essential Oil Deterpenation by Liquid-Liquid Extraction. Canadian Journal of Chemical Engineering, 2008, 83, 366-370.	0.9	44

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55	Physical Properties of Binary and Ternary Mixtures of Ethyl Acetate, Ethanol, and 1-Octyl-3-methyl-imidazolium Bis(trifluoromethylsulfonyl)imide at 298.15 K. Journal of Chemical & Engineering Data, 2009, 54, 1022-1028.	1.0	42
56	VLE for water + ethanol + 1-octanol mixtures. Experimental measurements and correlations. Fluid Phase Equilibria, 1996, 122, 117-129.	1.4	41
57	Liquid-Liquid Equilibria for [C ₈ mim][NTf ₂] + Thiophene + 2,2,4-Trimethylpentane or + Toluene. Journal of Chemical & Engineering Data, 2008, 53, 1750-1755.	1.0	41
58	Isobaric vapour-liquid equilibria and physical properties for isopropyl acetate+isopropanol+1-butyl-3-methyl-imidazolium bis(trifluoromethylsulfonyl)imide mixtures. Fluid Phase Equilibria, 2011, 300, 162-171.	1.4	40
59	Liquid-Liquid Equilibria of Linalool + Ethanol + Water, Water + Ethanol + Limonene, and Limonene + Linalool + Water Systems. Journal of Solution Chemistry, 2004, 33, 561-569.	0.6	39
60	Liquid-liquid Equilibria of ([C ₂ mim][EtSO ₄] + Thiophene + 2,2,4-Trimethylpentane) and ([C ₂ mim][EtSO ₄] + Toluene). Journal of Chemical & Engineering Data, 2011, 56, 1355-1363.	0.6	39
61	Effect of cation and anion of an electrolyte on apparent molar volume, isentropic compressibility and refractive index of glycine in aqueous solutions. Biophysical Chemistry, 1999, 76, 73-82.	1.5	38
62	Densities, Speeds of Sound, Refractive Indices, and the Corresponding Changes of Mixing at 25 °C and Atmospheric Pressure for Systems Composed by Ethyl Acetate, Hexane, and Acetone. Journal of Chemical & Engineering Data, 2001, 46, 1176-1180.	1.0	38
63	Vapor-Liquid Equilibrium of the Ternary System Ethyl Acetate + Hexane + Acetone at 101.32 kPa. Journal of Chemical & Engineering Data, 2002, 47, 849-854.	1.0	38
64	Essential oil deterpenation by solvent extraction using 1-ethyl-3-methylimidazolium 2-(2-methoxyethoxy) ethylsulfate ionic liquid. Fluid Phase Equilibria, 2010, 296, 149-153.	1.4	37
65	The effect of temperature on polyethylene glycol (4000 or 8000) (sodium or ammonium) sulfate Aqueous Two Phase Systems. Fluid Phase Equilibria, 2016, 428, 95-101.	1.4	34
66	Measurements of the density, refractive index, electrical conductivity, thermal conductivity and dynamic viscosity for tributylmethylphosphonium and methylsulfate based ionic liquids. Thermochimica Acta, 2018, 664, 81-90.	1.2	34
67	Liquid-Liquid Equilibria of Water + Methanol + 1-Octanol and Water + Ethanol + 1-Octanol at Various Temperatures. Journal of Chemical & Engineering Data, 1994, 39, 378-380.	1.0	33
68	Molar Volumes, Molar Refractions, and Isentropic Compressibilities of (Ethanol + Methanol + Toluene) Systems. Journal of Chemical & Engineering Data, 1997, 42, 721-726.	1.0	33
69	Propanediols for separation of citrus oil: liquid-liquid equilibria of limonene + linalool + (1,2-propanediol or 1,3-propanediol). Fluid Phase Equilibria, 2003, 211, 129-140.	1.4	32
70	Viscosities and Volumetric Properties of Binary and Ternary Mixtures of Tris(2-hydroxyethyl) Methylammonium Methylsulfate + Water + Ethanol at 298.15 K. Journal of Chemical & Engineering Data, 2008, 53, 770-775.	1.0	29
71	Liquid-liquid equilibria of mutually immiscible ionic liquids with a common anion of basic character. Journal of Chemical Thermodynamics, 2016, 102, 12-21.	1.0	29
72	Densities, Refractive Indices, Speeds of Sound, and Isentropic Compressibilities of Water + Methanol + 2-Methoxy-2-methylbutane at 298.15 K. Journal of Chemical & Engineering Data, 1996, 41, 724-727.	1.0	28

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73	(Vapour+liquid) equilibrium of (DIPE+IPA+water) at 101.32kPa. Journal of Chemical Thermodynamics, 2003, 35, 871-884.	1.0	28
74	Liquid~Liquid Equilibrium of Diisopropyl Ether + Ethanol + Water System at Different Temperatures. Journal of Chemical & Engineering Data, 2002, 47, 529-532.	1.0	27
75	Measurements and modelling of the solubility of a mixture of two amino acids in aqueous solutions. Fluid Phase Equilibria, 1999, 158-160, 893-901.	1.4	26
76	Liquid~liquid equilibria for butyl tert-butyl ether + (methanol or ethanol) + water at several temperatures. Fluid Phase Equilibria, 2004, 224, 185-192.	1.4	26
77	Surface Tension of Binary Mixtures of 1-Alkyl-3-Methyl-Imidazolium Bis(trifluoromethylsulfonyl)imide Ionic Liquids with Alcohols. Journal of Solution Chemistry, 2014, 43, 404-420.	0.6	26
78	Liquid~liquid equilibria of water + methanol + (MTBE or TAME) mixtures. Canadian Journal of Chemical Engineering, 1994, 72, 935-938.	0.9	25
79	Liquid~liquid equilibria of (MTBE or TAME) + ethanol + water mixtures. Canadian Journal of Chemical Engineering, 1996, 74, 419-422.	0.9	25
80	Liquid~liquid equilibria of limonene+linalool+diethylene glycol system at different temperatures. Chemical Engineering Journal, 2002, 89, 223-227.	6.6	25
81	Photocatalytic degradation of methyl orange, methylene blue and rhodamine B with AgCl nanocatalyst synthesised from its bulk material in the ionic liquid [P6 6 6 14]Cl. Water Science and Technology, 2017, 75, 128-140.	1.2	24
82	LLE data for the systems water + (methanol or ethanol) + n-amyl acetate. Fluid Phase Equilibria, 1995, 109, 291-297.	1.4	23
83	Molar Volume, Refractive Index, and Isentropic Compressibility at 298.15 K for 1-Butanol + Ethanol + 2-Methoxy-2-methylpropane. Journal of Chemical & Engineering Data, 1999, 44, 291-295.	1.0	23
84	Alkylpyridinium Alkylsulfate Ionic Liquids as Solvents for the Deterpenation of Citrus Essential Oil. Separation Science and Technology, 2012, 47, 292-299.	1.3	23
85	Physical and excess properties of binary and ternary mixtures of 1,1-dimethylethoxy-butane, methanol, ethanol and water at 298.15K. Thermochimica Acta, 2005, 435, 197-201.	1.2	22
86	Isobaric Vapor~Liquid Equilibria at 101.32 kPa and Densities, Speeds of Sound, and Refractive Indices at 298.15 K for MTBE or DIPE or TAME + 1-Propanol Binary Systems. Journal of Chemical & Engineering Data, 2010, 55, 92-97.	1.0	22
87	Liquid~liquid equilibria of the system water + acetic acid + methyl ethyl ketone at several temperatures. Fluid Phase Equilibria, 1987, 32, 151-162.	1.4	20
88	Density, Refractive Index, and Speed of Sound for 2-Ethoxy-2-Methylbutane + Ethanol + Water at 298.15 K. Journal of Chemical & Engineering Data, 2000, 45, 536-539.	1.0	20
89	Phase stability of the system limonene+linalool+2-aminoethanol. Fluid Phase Equilibria, 2004, 226, 121-127.	1.4	20
90	Activities of aqueous γ -butyrolactone in the system water + γ -butyrolactone + ethanol at 298.15 K. Journal of Chemical & Engineering Data, 2000, 45, 536-539.	1.9	20

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91	Isomer effect in the separation of octane and xylenes using the ionic liquid 1-ethyl-3-methylimidazolium bis{(trifluoromethyl)sulfonyl}amide. <i>Fluid Phase Equilibria</i> , 2010, 294, 180-186.	1.4	20
92	Title is missing!. <i>Journal of Solution Chemistry</i> , 1998, 27, 911-923.	0.6	19
93	Liquid-Liquid Equilibria of the Systems Ethyl Acetate + Ethanol + Water, Butyl Acetate + Ethanol + Water, and Ethyl Acetate + Butyl Acetate + Water.. <i>Journal of Chemical Engineering of Japan</i> , 1999, 32, 440-444.	0.3	19
94	Isobaric Vapor-Liquid Equilibria of Methanol + Hexyl Acetate and Ethanol + Hexyl Acetate. <i>Journal of Chemical & Engineering Data</i> , 1995, 40, 515-518.	1.0	18
95	Isobaric Vapor-Liquid Equilibria of Methanol + 1-Octanol and Ethanol + 1-Octanol Mixtures. <i>Journal of Chemical & Engineering Data</i> , 1995, 40, 1011-1014.	1.0	18
96	Chiral co-ordination of bridging formamido-ligands in clusters of type $[\text{HO}_3(\text{CO})_{10}(\mu\text{-RNHCO})]$. <i>Journal of the Chemical Society Chemical Communications</i> , 1980, , 1102-1103.	2.0	16
97	Preparation of metal oxide nanoparticles in ionic liquid medium. <i>Journal of Nanoparticle Research</i> , 2012, 14, 1.	0.8	16
98	Optimization of UNIQUAC structural parameters for individual mixtures; application to new experimental liquid-liquid equilibrium data for aqueous solutions of methanol and ethanol with isoamyl acetate. <i>Fluid Phase Equilibria</i> , 1994, 93, 285-295.	1.4	15
99	Water + ethanol + 2-methoxy-2-methylbutane: Properties of mixing at 298.15 K and isobaric vapour-liquid equilibria at 101.32 kPa. <i>Fluid Phase Equilibria</i> , 1997, 141, 207-220.	1.4	15
100	Quaternary liquid-liquid equilibria of systems with two partially miscible solvent pairs: 1-octanol+2-methoxy-2-methylpropane+water+ethanol at 25°C. <i>Fluid Phase Equilibria</i> , 1998, 146, 161-173.	1.4	15
101	(Liquid + liquid) equilibria of (tert -amyl ethyl ether+ ethanol + water) at several temperatures. <i>Journal of Chemical Thermodynamics</i> , 2001, 33, 139-146.	1.0	15
102	Measurement of Ion Activity Coefficients in Aqueous Solutions of Mixed Electrolyte with a Common Ion: $\text{NaNO}_3 + \text{KNO}_3$, $\text{NaCl} + \text{KCl}$, and $\text{NaBr} + \text{NaCl}$. <i>Journal of Chemical & Engineering Data</i> , 2009, 54, 345-350.	1.0	15
103	Design and performance analysis of a formulation based on SDBS and ionic liquid for EOR in carbonate reservoirs. <i>Journal of Petroleum Science and Engineering</i> , 2022, 209, 109856.	2.1	15
104	Excess volumes and refractions and liquid-liquid equilibria of the ternary system water + ethanol + hexyl acetate. <i>Fluid Phase Equilibria</i> , 1993, 87, 347-364.	1.4	14
105	Liquid-Liquid Equilibria of 1-Octanol + 2-Methoxy-2-methylpropane + Water + Methanol at 25 °C. <i>Journal of Chemical & Engineering Data</i> , 1998, 43, 255-258.	1.0	14
106	Determination and correlation of liquid-liquid equilibrium data for the quaternary system 1-octanol+2-methoxy-2-methylbutane+water+methanol at 25°C. <i>Fluid Phase Equilibria</i> , 1999, 158-160, 949-960.	1.4	14
107	Effect of the reference solution in the measurement of ion activity coefficients using cells with transference at T=298.15K. <i>Journal of Chemical Thermodynamics</i> , 2010, 42, 244-250.	1.0	14
108	Liquid-liquid interfacial tension of equilibrated mixtures of ionic liquids and hydrocarbons. <i>Science China Chemistry</i> , 2012, 55, 1519-1524.	4.2	14

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109	Measurement and prediction of isobaric vapour-liquid equilibrium data of the system ethanol+methanol+2-methoxy-2-methylpropane. <i>Fluid Phase Equilibria</i> , 1998, 146, 139-153.	1.4	13
110	Extractive distillation of 2-methoxy-2-methylpropane + ethanol using 1-butanol as entrainer: Equilibria and simulation. <i>Canadian Journal of Chemical Engineering</i> , 1999, 77, 1135-1140.	0.9	13
111	Physical Properties of the Ternary System 1-Butanol + Methanol + 2-Methoxy-2-methylpropane at 298.15 K: Measurement and Prediction. <i>Journal of Chemical & Engineering Data</i> , 1999, 44, 1028-1033.	1.0	13
112	Synthesis of AgCl nanoparticles in ionic liquid and their application in photodegradation of Orange II. <i>Journal of Materials Science</i> , 2015, 50, 3576-3585.	1.7	13
113	Densities, refractive indexes, and excess molar volumes of water + methanol + hexyl acetate and its binary sub-mixtures at 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 1994, 39, 95-97.	1.0	12
114	Densities, Refractive Indices, and Excess Molar Volumes of Water + Methanol + 2-Methoxy-2-methylpropane at 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 1995, 40, 647-649.	1.0	12
115	Vapor-Liquid Equilibria at 101.32 kPa of the Ternary Systems 2-Methoxy-2-methylpropane + Methanol + Water and 2-Methoxy-2-methylpropane + Ethanol + Water. <i>Journal of Chemical & Engineering Data</i> , 1998, 43, 708-713.	1.0	12
116	Thermodynamic behaviour of ethanol+methanol+2-ethoxy-2-methylpropane system. Physical properties and phase equilibria. <i>Fluid Phase Equilibria</i> , 1999, 165, 121-139.	1.4	12
117	Answer to "Comment on individual ion activities of Na ⁺ and Cl ⁻ " by Arce, Wilczek-Vera and Vera by F. Malatesta. <i>Chemical Engineering Science</i> , 2010, 65, 2263-2264.	1.9	12
118	Vapour-liquid equilibria of pyridine + acetate mixtures at 101.325 kPa. <i>Collection of Czechoslovak Chemical Communications</i> , 1991, 56, 2773-2785.	1.0	12
119	Title is missing!. <i>Journal of Solution Chemistry</i> , 1998, 27, 601-619.	0.6	11
120	Revising Concepts on Liquid-Liquid Extraction: Data Treatment and Data Reliability. <i>Journal of Chemical & Engineering Data</i> , 2022, 67, 286-296.	1.0	11
121	Densities, Refractive Indices, and Excess Molar Volumes of Water + Ethanol + 2-Methoxy-2-methylpropane at 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 1995, 40, 1285-1287.	1.0	10
122	Mixing properties of tris(2-hydroxyethyl)methylammonium methylsulfate, water, and methanol at 298.15K. Data treatment using several correlation equations. <i>Journal of Chemical Thermodynamics</i> , 2009, 41, 235-242.	1.0	10
123	Enhanced oil recovery with nanofluids based on aluminum oxide and 1-dodecyl-3-methylimidazolium chloride ionic liquid. <i>Journal of Molecular Liquids</i> , 2022, 363, 119798.	2.3	10
124	Extraction equilibria of the type 2: ternary liquid mixture {x ₁ tert-butyl methyl ether +x ₂ water + (1 -T _j ETQq0 0 0 rgBT _j /Overlogk 10 Tf 50		
125	Phase equilibria of water + methanol + hexyl acetate mixtures. <i>Fluid Phase Equilibria</i> , 1997, 128, 261-270.	1.4	9
126	Phase equilibria involved in extractive distillation of 2-methoxy-2-methylpropane+methanol using 1-butanol as entrainer. <i>Fluid Phase Equilibria</i> , 2000, 171, 207-218.	1.4	9

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127	Isobaric vapor-liquid equilibria of 1,1-dimethylethoxy-butane+methanol or ethanol+water at 101.32kPa. Fluid Phase Equilibria, 2007, 259, 57-65.	1.4	9
128	Polyethylene glycol (1500 or 600) - potassium tartrate aqueous two-phase systems. Fluid Phase Equilibria, 2018, 470, 120-125.	1.4	9
129	Liquid-Liquid Equilibrium for tert-Amyl Ethyl Ether + Methanol + Water. Journal of Chemical & Engineering Data, 2001, 46, 557-561.	1.0	8
130	Thermophysical properties for 1-butanol+ethanol+2-methoxy-2-methylbutane ternary system. Fluid Phase Equilibria, 2001, 187-188, 155-169.	1.4	8
131	(Liquid+liquid) equilibrium of (dibutyl ether+methanol+water) at different temperatures. Journal of Chemical Thermodynamics, 2005, 37, 1007-1012.	1.0	8
132	Isobaric vapor-liquid equilibria for systems composed by 2-ethoxy-2-methylbutane, methanol or ethanol and water at 101.32kPa. Fluid Phase Equilibria, 2005, 233, 9-18.	1.4	8
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