## Alberto Arce

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Separation of aromatic hydrocarbons from alkanes using the ionic liquid 1-ethyl-3-methylimidazoliumbis{(trifluoromethyl) sulfonyl}amide. Green Chemistry, 2007, 9, 70-74.	9.0	223
2	Separation of Benzene and Hexane by Solvent Extraction with 1-Alkyl-3-methylimidazolium Bis{(trifluoromethyl)sulfonyl}amide Ionic Liquids: Effect of the Alkyl-Substituent Lengthâ€. Journal of Physical Chemistry B, 2007, 111, 4732-4736.	2.6	194
3	Gasoline desulfurization using extraction with [C <sub>8</sub> mim][BF <sub>4</sub> ] ionic liquid. AICHE Journal, 2007, 53, 3108-3115.	3.6	174
4	Ionic liquids on desulfurization of fuel oils. Fluid Phase Equilibria, 2010, 294, 39-48.	2.5	167
5	Solvent extraction of thiophene from n-alkanes (C7, C12, and C16) using the ionic liquid [C8mim][BF4]. Journal of Chemical Thermodynamics, 2008, 40, 966-972.	2.0	149
6	Partitioning of antibiotics in a two-liquid phase system formed by water and a room temperature ionic liquid. Separation and Purification Technology, 2005, 44, 242-246.	7.9	125
7	Extractive and oxidative-extractive desulfurization of fuels with ionic liquids. Fuel, 2014, 117, 882-889.	6.4	124
8	Physical and Excess Properties for Binary Mixtures of 1-Methyl-3-Octylimidazolium Tetrafluoroborate, [Omim][BF4], Ionic Liquid with Different Alcohols. Journal of Solution Chemistry, 2006, 35, 63-78.	1.2	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. Green Chemistry, 2008, 10, 1294.	9.0	116
10	Title is missing!. Journal of Solution Chemistry, 2003, 32, 53-63.	1.2	114
11	Thiophene separation from aliphatic hydrocarbons using the 1-ethyl-3-methylimidazolium ethylsulfate ionic liquid. Fluid Phase Equilibria, 2008, 270, 97-102.	2.5	112
12	Phase behaviour of 1-methyl-3-octylimidazolium bis[trifluoromethylsulfonyl]imide with thiophene and aliphatic hydrocarbons: The influence of n-alkane chain length. Fluid Phase Equilibria, 2008, 263, 176-181.	2.5	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. Green Chemistry, 2009, 11, 365-372.	9.0	104
14	Mutually immiscible ionic liquids. Chemical Communications, 2006, , 2548-2550.	4.1	103
15	Thermodynamics of Diglycine and Triglycine in Aqueous NaCl Solutions: Apparent Molar Volume, Isentropic Compressibility, and Refractive Index. Journal of Solution Chemistry, 2004, 33, 11-21.	1.2	101
16	Absorption of Carbon Dioxide in Two Binary Mixtures of Ionic Liquids. Industrial & Engineering Chemistry Research, 2013, 52, 5975-5984.	3.7	101
17	Volumetric and Viscosity Study for the Mixtures of 2-Ethoxy-2-methylpropane, Ethanol, and 1-Ethyl-3-methylimidazolium Ethyl Sulfate Ionic Liquid. Journal of Chemical & Engineering Data, 2006, 51, 1453-1457.	1.9	100
18	Use of a green and cheap ionic liquid to purify gasoline octane boosters. Green Chemistry, 2007, 9, 247-253.	9.0	91

#	Article	IF	CITATIONS
19	Application of mutually immiscible ionic liquids to the separation of aromatic and aliphatic hydrocarbons by liquid extraction: a preliminary approach. Physical Chemistry Chemical Physics, 2008, 10, 2538.	2.8	83
20	Solubilities and diffusivities of water vapor in poly(methylmethacrylate), poly(2-hydroxyethylmethacrylate), poly(N-vinyl-2-pyrrolidone) and poly(acrylonitrile). Polymer, 2003, 44, 6323-6333.	3.8	82
21	Citrus essential oil terpenless by extraction using 1-ethyl-3-methylimidazolium ethylsulfate ionic liquid: Effect of the temperature. Chemical Engineering Journal, 2007, 133, 213-218.	12.7	81
22	Enhanced oil recovery using the ionic liquid trihexyl(tetradecyl)phosphonium chloride: phase behaviour and properties. RSC Advances, 2012, 2, 9392.	3.6	81
23	Experimental Determination of Liquidâ^'Liquid Equilibrium Using Ionic Liquids: tert-Amyl Ethyl Ether + Ethanol + 1-Octyl-3-Methylimidazolium Chloride System at 298.15 K. Journal of Chemical & Engineering Data, 2004, 49, 514-517.	1.9	78
24	Effect of anion fluorination in 1-ethyl-3-methylimidazolium as solvent for the liquid extraction of ethanol from ethyl tert-butyl ether. Fluid Phase Equilibria, 2006, 242, 164-168.	2.5	78
25	tert-Amyl Ethyl Ether Separation from Its Mixtures with Ethanol Using the 1-Butyl-3-methylimidazolium Trifluoromethanesulfonate Ionic Liquid:Â Liquidâ^'Liquid Equilibrium. Industrial & Engineering Chemistry Research, 2004, 43, 8323-8327.	3.7	77
26	(Liquid+liquid) equilibria of [C8mim][NTf2] ionic liquid with a sulfur-component and hydrocarbons. Journal of Chemical Thermodynamics, 2008, 40, 265-270.	2.0	77
27	Liquid-Liquid Equilibria of the Ternary Mixtures Water + Propanoic Acid + Methyl Ethyl Ketone and Water + Propanoic Acid + Methyl Propyl Ketone. Journal of Chemical & Engineering Data, 1995, 40, 225-229.	1.9	73
28	Essential oil terpenless by extraction using organic solvents or ionic liquids. AICHE Journal, 2006, 52, 2089-2097.	3.6	72
29	A thermodynamic study on binary and ternary mixtures of acetonitrile, water and butyl acetate. Fluid Phase Equilibria, 2002, 203, 83-98.	2.5	70
30	Experimental data and modelling of apparent molar volumes, isentropic compressibilities and refractive indices in aqueous solutions of glycine+NaCl. Biophysical Chemistry, 1998, 74, 165-173.	2.8	69
31	Physical and equilibrium properties of diisopropyl ether+isopropyl alcohol+water system. Fluid Phase Equilibria, 2000, 170, 113-126.	2.5	69
32	Evaluation of the polysubstituted pyridinium ionic liquid [hmmpy][Ntf2] as a suitable solvent for desulfurization: Phase equilibria. Journal of Chemical Thermodynamics, 2010, 42, 712-718.	2.0	66
33	Physico-chemical Properties of Binary and Ternary Mixtures of Ethyl Acetate + Ethanol + 1-Butyl-3-methyl-imidazolium bis(trifluoromethylsulfonyl)imide at 298.15ÂK and Atmospheric Pressure. Journal of Solution Chemistry, 2010, 39, 371-383.	1.2	65
34	Phase equilibria of mixtures of mutually immiscible ionic liquids. Fluid Phase Equilibria, 2007, 261, 427-433.	2.5	64
35	VLE Measurements of Binary Mixtures of Methanol, Ethanol, 2-Methoxy-2-methylpropane, and 2-Methoxy-2-methylbutane at 101.32 kPa. Journal of Chemical & Engineering Data, 1996, 41, 718-723.	1.9	59
36	Desulfurization of fuels by liquid–liquid extraction with 1-ethyl-3-methylimidazolium ionic liquids. Fluid Phase Equilibria, 2013, 356, 126-135.	2.5	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.	3.6	59
38	Liquidâ^'Liquid Equilibria for Systems Composed by 1-Methyl-3-octylimidazolium Tetrafluoroborate Ionic Liquid, Thiophene, and <i>n</i> -Hexane or Cyclohexane. Journal of Chemical & Engineering Data, 2007, 52, 1729-1732.	1.9	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.	1.9	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.	1.9	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.	2.5	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.	1.9	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.	2.5	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.	1.9	54
45	Improved concentration of citrus essential oil by solvent extraction with acetate ionic liquids. Fluid Phase Equilibria, 2014, 361, 37-44.	2.5	54
46	Deterpenation of Citrus Essential Oil by Liquidâ^'Liquid Extraction with 1-Alkyl-3-methylimidazolium Bis(trifluoromethylsulfonyl)amide Ionic Liquids. Journal of Chemical & Engineering Data, 2011, 56, 1273-1281.	1.9	51
47	Sorption and transport of water vapor in thin polymer films at 35 °C. Physical Chemistry Chemical Physics, 2004, 6, 103-108.	2.8	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.	2.8	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.	2.5	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.	12.7	47
51	Measurement and Correlation of Liquidâ^'Liquid Equilibria of Two Imidazolium Ionic Liquids with Thiophene and Methylcyclohexane. Journal of Chemical & Engineering Data, 2007, 52, 2409-2412.	1.9	47
52	Physical and excess properties of (methyl acetate+methanol+1-octyl-3-methyl-imidazolium) Tj ETQq0 0 0 rgBT / Journal of Chemical Thermodynamics, 2009, 41, 1317-1323.	Overlock 1 2.0	0 Tf 50 147 1 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.	3.8	44
54	Citrus Essential Oil Deterpenation by Liquid-Liquid Extraction. Canadian Journal of Chemical Engineering, 2008, 83, 366-370.	1.7	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.	1.9	42
56	VLE for water + ethanol + 1-octanol mixtures. Experimental measurements and correlations. Fluid Phase Equilibria, 1996, 122, 117-129.	2.5	41
57	Liquidâ^'Liquid Equilibria for [C <sub>8</sub> mim][NTf <sub>2</sub> ] + Thiophene + 2,2,4-Trimethylpentane or + Toluene. Journal of Chemical & Engineering Data, 2008, 53, 1750-1755.	1.9	41
58	lsobaric 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.	2.5	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.	1.2	39
60	Liquid-liquid Equilibria of ([C2mim][EtSO4] + Thiophene + 2,2,4-Trimethylpentane) andÂ([C2mim][EtSO4]) Tj 1355-1363.	ETQq0 0 0 1.2	rgBT /Overloc 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.	2.8	38
62	Densities, Speeds of Sound, Refractive Indices, and the Corresponding Changes of Mixing at 25 ŰC and Atmospheric Pressure for Systems Composed by Ethyl Acetate, Hexane, and Acetone. Journal of Chemical & Engineering Data, 2001, 46, 1176-1180.	1.9	38
63	Vaporâ^'Liquid Equilibrium of the Ternary System Ethyl Acetate + Hexane + Acetone at 101.32 kPa. Journal of Chemical & Engineering Data, 2002, 47, 849-854.	1.9	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.	2.5	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.	2.5	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.	2.7	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.	1.9	33
68	Molar Volumes, Molar Refractions, and Isentropic Compressibilities of (Ethanol + Methanol +) Tj ETQq0 0 0 rgE of Chemical & Engineering Data, 1997, 42, 721-726.	T /Overlock 1.9	10 Tf 50 227 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.	2.5	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.	1.9	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.	2.0	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.	1.9	28

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73	(Vapour+liquid) equilibrium of (DIPE+IPA+water) at 101.32kPa. Journal of Chemical Thermodynamics, 2003, 35, 871-884.	2.0	28
74	Liquidâ^'Liquid Equilibrium of Diisopropyl Ether + Ethanol + Water System at Different Temperatures. Journal of Chemical & Engineering Data, 2002, 47, 529-532.	1.9	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.	2.5	26
76	Liquid–liquid equilibria for butyl tert-butyl ether + (methanol or ethanol) + water at several temperatures. Fluid Phase Equilibria, 2004, 224, 185-192.	2.5	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.	1.2	26
78	Liquidâ€liquid equilibria of water + methanol + (MTBE or TAME) mixtures. Canadian Journal of Chemical Engineering, 1994, 72, 935-938.	1.7	25
79	Liquidâ€liquid equilibria of (MTBE or TAME) + ethanol + water mixtures. Canadian Journal of Chemical Engineering, 1996, 74, 419-422.	1.7	25
80	Liquid–liquid equilibria of limonene+linalool+diethylene glycol system at different temperatures. Chemical Engineering Journal, 2002, 89, 223-227.	12.7	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.	2.5	24
82	LLE data for the systems water + (methanol or ethanol) + n-amyl acetate. Fluid Phase Equilibria, 1995, 109, 291-297.	2.5	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.	1.9	23
84	Alkylpyridinium Alkylsulfate Ionic Liquids as Solvents for the Deterpenation of Citrus Essential Oil. Separation Science and Technology, 2012, 47, 292-299.	2.5	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.	2.7	22
86	Isobaric Vaporâ^'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.	1.9	22
87	Liquid—liquid equilibria of the system water + acetic acid + methyl ethyl ketone at several temperatures. Fluid Phase Equilibria, 1987, 32, 151-162.	2.5	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.	1.9	20
89	Phase stability of the system limonene+linalool+2-aminoethanol. Fluid Phase Equilibria, 2004, 226, 121-127. Activities of aqueous complymeth altimg="si100 gif" display="inline" overflow="scroll"	2.5	20
90	xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.else. Chemical	3.8	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. Fluid Phase Equilibria, 2010, 294, 180-186.	2.5	20
92	Title is missing!. Journal of Solution Chemistry, 1998, 27, 911-923.	1.2	19
93	Liquid-Liquid Equilibria of the Systems Ethyl Acetate + Ethanol + Water, Butyl Acetate + Ethanol + Water, and Ethyl Acetate + Butyl Acetate + Water Journal of Chemical Engineering of Japan, 1999, 32, 440-444.	0.6	19
94	Isobaric Vapor-Liquid Equilibria of Methanol + Hexyl Acetate and Ethanol + Hexyl Acetate. Journal of Chemical & Engineering Data, 1995, 40, 515-518.	1.9	18
95	Isobaric Vapor-Liquid Equilibria of Methanol + 1-Octanol and Ethanol + 1-Octanol Mixtures. Journal of Chemical & Engineering Data, 1995, 40, 1011-1014.	1.9	18
96	Chiral co-ordination of bridging formamido-ligands in clusters of type [HOs3(CO)10(µ-RNHCO)]. Journal of the Chemical Society Chemical Communications, 1980, , 1102-1103.	2.0	16
97	Preparation of metal oxide nanoparticles in ionic liquid medium. Journal of Nanoparticle Research, 2012, 14, 1.	1.9	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. Fluid Phase Equilibria, 1994, 93, 285-295.	2.5	15
99	Water + ethanol + 2-methoxy-2-methylbutane: Properties of mixing at 298.15 K and isobaric vapour-liquid equilibria at 101.32 kPa. Fluid Phase Equilibria, 1997, 141, 207-220.	2.5	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. Fluid Phase Equilibria, 1998, 146, 161-173.	2.5	15
101	(Liquid + liquid) equilibria of (tert -amyl ethyl ether+ ethanol + water) at several temperatures. Journal of Chemical Thermodynamics, 2001, 33, 139-146.	2.0	15
102	Measurement of Ion Activity Coefficients in Aqueous Solutions of Mixed Electrolyte with a Common Ion: NaNO <sub>3</sub> + KNO <sub>3</sub> , NaCl + KCl, and NaBr + NaCl. Journal of Chemical & Engineering Data, 2009, 54, 345-350.	1.9	15
103	Design and performance analysis of a formulation based on SDBS and ionic liquid for EOR in carbonate reservoirs. Journal of Petroleum Science and Engineering, 2022, 209, 109856.	4.2	15
104	Excess volumes and refractions and liquid-liquid equilibria of the ternary system water + ethanol + hexyl acetate. Fluid Phase Equilibria, 1993, 87, 347-364.	2.5	14
105	Liquidâ^'Liquid Equilibria of 1-Octanol + 2-Methoxy-2-methylpropane + Water + Methanol at 25 °C. Journal of Chemical & Engineering Data, 1998, 43, 255-258.	1.9	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. Fluid Phase Equilibria, 1999, 158-160, 949-960.	2.5	14
107	Effect of the reference solution in the measurement of ion activity coefficients using cells with transference at T=298.15K. Journal of Chemical Thermodynamics, 2010, 42, 244-250.	2.0	14
108	Liquid-liquid interfacial tension of equilibrated mixtures of ionic liquids and hydrocarbons. Science China Chemistry, 2012, 55, 1519-1524.	8.2	14

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109	Measurement and prediction of isobaric vapour–liquid equilibrium data of the system ethanol+methanol+2-methoxy-2-methylpropane. Fluid Phase Equilibria, 1998, 146, 139-153.	2.5	13
110	Extractive distillation of 2â€methoxyâ€2â€methylpropane + ethanol using 1â€butanol as entrainer: Equilibria and simulation. Canadian Journal of Chemical Engineering, 1999, 77, 1135-1140.	1.7	13
111	Physical Properties of the Ternary System 1-Butanol + Methanol + 2-Methoxy-2-methylpropane at 298.15 K:  Measurement and Prediction. Journal of Chemical & Engineering Data, 1999, 44, 1028-1033.	1.9	13
112	Synthesis of AgCl nanoparticles in ionic liquid and their application in photodegradation of Orange II. Journal of Materials Science, 2015, 50, 3576-3585.	3.7	13
113	Densities, refractive indexes, and excess molar volumes of water + methanol + hexyl acetate and its binary sub-mixtures at 298.15 K. Journal of Chemical & Engineering Data, 1994, 39, 95-97.	1.9	12
114	Densities, Refractive Indices, and Excess Molar Volumes of Water + Methanol + 2-Methoxy-2-methylpropane at 298.15 K. Journal of Chemical & Engineering Data, 1995, 40, 647-649.	1.9	12
115	Vaporâ^'Liquid Equilibria at 101.32 kPa of the Ternary Systems 2-Methoxy-2-methylpropane + Methanol + Water and 2-Methoxy-2-methylpropane + Ethanol + Water. Journal of Chemical & Engineering Data, 1998, 43, 708-713.	1.9	12
116	Thermodynamic behaviour of ethanol+methanol+2-ethoxy-2-methylpropane system. Physical properties and phase equilibria. Fluid Phase Equilibria, 1999, 165, 121-139.	2.5	12
117	Answer to "Comment on individual ion activities of Na+ and Clâ^' by Arce, Wilczek-Vera and Vera―by F. Malatesta. Chemical Engineering Science, 2010, 65, 2263-2264.	3.8	12
118	Vapour-liquid equilibria of pyridine + acetate mixtures at 101.325 kPa. Collection of Czechoslovak Chemical Communications, 1991, 56, 2773-2785.	1.0	12
119	Title is missing!. Journal of Solution Chemistry, 1998, 27, 601-619.	1.2	11
120	Revising Concepts on Liquid–Liquid Extraction: Data Treatment and Data Reliability. Journal of Chemical & Engineering Data, 2022, 67, 286-296.	1.9	11
121	Densities, Refractive Indices, and Excess Molar Volumes of Water + Ethanol + 2-Methoxy-2-methylpropane at 298.15 K. Journal of Chemical & Engineering Data, 1995, 40, 1285-1287.	1.9	10
122	Mixing properties of tris(2-hydroxyethyl)methylamonium methylsulfate, water, and methanol at 298.15K. Data treatment using several correlation equations. Journal of Chemical Thermodynamics, 2009, 41, 235-242.	2.0	10
123	Enhanced oil recovery with nanofluids based on aluminum oxide and 1-dodecyl-3-methylimidazolium chloride ionic liquid. Journal of Molecular Liquids, 2022, 363, 119798.	4.9	10
124	Extraction equilibria of the type 2: ternary liquid mixture {x1tert-butyl methyl ether +x2water + (1) Tj ETQq0 0 0 r	gBT/Over	loçk 10 Tf 50

125	Phase equilibria of water + methanol + hexyl acetate mixtures. Fluid Phase Equilibria, 1997, 128, 261-270.	2.5	9
126	Phase equilibria involved in extractive distillation of 2-methoxy-2-methylpropane+methanol using 1-butanol as entrainer. Fluid Phase Equilibria, 2000, 171, 207-218.	2.5	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.	2.5	9
128	Polyethylene glycol (1500 or 600) – potassium tartrate aqueous two-phase systems. Fluid Phase Equilibria, 2018, 470, 120-125.	2.5	9
129	Liquidâ^'Liquid Equilibrium fortert-Amyl Ethyl Ether + Methanol + Water. Journal of Chemical & Engineering Data, 2001, 46, 557-561.	1.9	8
130	Thermophysical properties for 1-butanol+ethanol+2-methoxy-2-methylbutane ternary system. Fluid Phase Equilibria, 2001, 187-188, 155-169.	2.5	8
131	(Liquid+liquid) equilibrium of (dibutyl ether+methanol+water) at different temperatures. Journal of Chemical Thermodynamics, 2005, 37, 1007-1012.	2.0	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.	2.5	8
133	Property Changes of Mixing for the 1-Butanol + Methanol + 2-Methoxy-2-methylbutane System at 298.15 K and Atmospheric Pressure. Journal of Chemical & Engineering Data, 2001, 46, 962-966.	1.9	7
134	Physical Properties and Their Changes on Mixing at 298.15 K and Atmospheric Pressure for the 2-Ethoxy-2-methylbutane + Methanol + Water System. Journal of Chemical & Engineering Data, 2001, 46, 1261-1265.	1.9	6
135	Vapor-liquid equilibrium of the system ethanol + benzene + cyclohexane at 760 mm mercury. Journal of Chemical & Engineering Data, 1987, 32, 247-250.	1.9	5
136	Liquid extraction equilibria of type 2: (tert-amyl methyl ether + 1-octonal + water) atT=(298.15 and) Tj ETQq0 0	0 rgBT /O 2.0	verlock 10 Tf S
137	Experimental Determination of the Vaporâ °Liquid Equilibrium at 101.32 kPa of the Ternary System 1-Butanol + Methanol + TAME. Journal of Chemical & Engineering Data, 2000, 45, 1112-1115.	1.9	5
138	Isobaric Vapor-Liquid Equilibria of Water + Ethanol + Hexyl Acetate. Journal of Chemical & Engineering Data, 1995, 40, 1094-1096.	1.9	3
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