

Alberto Arce

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/1822603/alberto-arce-publications-by-year.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

145
papers

5,597
citations

45
h-index

67
g-index

150
ext. papers

5,876
ext. citations

3.3
avg, IF

5.57
L-index

#	Paper	IF	Citations
145	Revising Concepts on Liquid-Liquid Extraction: Data Treatment and Data Reliability. <i>Journal of Chemical & Engineering Data</i> , 2022 , 67, 286-296	2.8	0
144	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> , 2021 , 209, 109856	4.4	0
143	Measurements of the density, refractive index, electrical conductivity, thermal conductivity and dynamic viscosity for tributylmethylphosphonium and methylsulfate based ionic liquids. <i>Thermochimica Acta</i> , 2018 , 664, 81-90	2.9	22
142	Polyethylene glycol (1500 or 600) /potassium tartrate aqueous two-phase systems. <i>Fluid Phase Equilibria</i> , 2018 , 470, 120-125	2.5	5
141	Photocatalytic degradation of methyl orange, methylene blue and rhodamine B with AgCl nanocatalyst synthesised from its bulk material in the ionic liquid [P]Cl. <i>Water Science and Technology</i> , 2017 , 75, 128-140	2.2	18
140	The effect of temperature on polyethylene glycol (4000 or 8000)/(sodium or ammonium) sulfate Aqueous Two Phase Systems. <i>Fluid Phase Equilibria</i> , 2016 , 428, 95-101	2.5	28
139	Liquid-liquid equilibria of mutually immiscible ionic liquids with a common anion of basic character. <i>Journal of Chemical Thermodynamics</i> , 2016 , 102, 12-21	2.9	20
138	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	4.3	11
137	Characterization and interfacial properties of the surfactant ionic liquid 1-dodecyl-3-methyl imidazolium acetate for enhanced oil recovery. <i>RSC Advances</i> , 2015 , 5, 37392-37398	3.7	41
136	Extractive and oxidative-extractive desulfurization of fuels with ionic liquids. <i>Fuel</i> , 2014 , 117, 882-889	7.1	102
135	Surface Tension of Binary Mixtures of 1-Alkyl-3-Methyl-Imidazolium Bis(trifluoromethylsulfonyl)imide Ionic Liquids with Alcohols. <i>Journal of Solution Chemistry</i> , 2014 , 43, 404-420	1.8	19
134	Improved concentration of citrus essential oil by solvent extraction with acetate ionic liquids. <i>Fluid Phase Equilibria</i> , 2014 , 361, 37-44	2.5	41
133	Desulfurization of fuels by liquid-liquid extraction with 1-ethyl-3-methylimidazolium ionic liquids. <i>Fluid Phase Equilibria</i> , 2013 , 356, 126-135	2.5	51
132	Absorption of Carbon Dioxide in Two Binary Mixtures of Ionic Liquids. <i>Industrial & Engineering Chemistry Research</i> , 2013 , 52, 5975-5984	3.9	91
131	Enhanced oil recovery using the ionic liquid trihexyl(tetradecyl)phosphonium chloride: phase behaviour and properties. <i>RSC Advances</i> , 2012 , 2, 9392	3.7	73
130	Alkylpyridinium Alkylsulfate Ionic Liquids as Solvents for the Deterpenation of Citrus Essential Oil. <i>Separation Science and Technology</i> , 2012 , 47, 292-299	2.5	18
129	Preparation of metal oxide nanoparticles in ionic liquid medium. <i>Journal of Nanoparticle Research</i> , 2012 , 14, 1	2.3	11

128	Liquid-liquid interfacial tension of equilibrated mixtures of ionic liquids and hydrocarbons. <i>Science China Chemistry</i> , 2012 , 55, 1519-1524	7.9	12
127	Direct Preparation of Sulfide Semiconductor Nanoparticles from the Corresponding Bulk Powders in an Ionic Liquid. <i>Angewandte Chemie</i> , 2012 , 124, 1453-1456	3.6	5
126	Hexyl dimethylpyridinium ionic liquids for desulfurization of fuels. Effect of the position of the alkyl side chains. <i>Fluid Phase Equilibria</i> , 2012 , 314, 107-112	2.5	41
125	Deterpenation of Citrus Essential Oil by Liquid-Liquid Extraction with 1-Alkyl-3-methylimidazolium Bis(trifluoromethylsulfonyl)amide Ionic Liquids. <i>Journal of Chemical & Engineering Data</i> , 2011 , 56, 1273-1281	2.8	45
124	Isobaric vapour-liquid equilibria and physical properties for isopropyl acetate+isopropanol+1-butyl-3-methyl-imidazolium bis(trifluoromethylsulfonyl)imide mixtures. <i>Fluid Phase Equilibria</i> , 2011 , 300, 162-171	2.5	36
123	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. <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 92-97	2.8	19
122	Extraction Ability of Nitrogen-Containing Compounds Involved in the Desulfurization of Fuels by Using Ionic Liquids. <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 3262-3267	2.8	52
121	Ionic liquids on desulfurization of fuel oils. <i>Fluid Phase Equilibria</i> , 2010 , 294, 39-48	2.5	155
120	Essential oil deterpenation by solvent extraction using 1-ethyl-3-methylimidazolium 2-(2-methoxyethoxy) ethylsulfate ionic liquid. <i>Fluid Phase Equilibria</i> , 2010 , 296, 149-153	2.5	34
119	Physico-chemical Properties of Binary and Ternary Mixtures of Ethyl Acetate + Ethanol + 1-Butyl-3-methyl-imidazolium bis(trifluoromethylsulfonyl)imide at 298.15 K and Atmospheric Pressure. <i>Journal of Solution Chemistry</i> , 2010 , 39, 371-383	1.8	61
118	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	2.9	13
117	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	2.9	61
116	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, 180-188	2.5	18
115	Answer to Comment on individual ion activities of Na ⁺ and Cl ⁻ by Arce, Wilczek-Vera and Veralby F. Malatesta. <i>Chemical Engineering Science</i> , 2010 , 65, 2263-2264	4.4	8
114	Physical properties and phase equilibria of the system isopropyl acetate+isopropanol+1-octyl-3-methyl-imidazolium bis(trifluoromethylsulfonyl)imide. <i>Fluid Phase Equilibria</i> , 2010 , 287, 84-94	2.5	48
113	Liquid-Liquid equilibrium and interfacial tension of the ternary system heptane + thiophene + 1-ethyl-3-methylimidazolium bis(trifluoromethanesulfonyl)imide. <i>Fluid Phase Equilibria</i> , 2010 , 298, 240-245	2.5	51
112	Physical and excess properties of (methyl acetate+methanol+1-octyl-3-methyl-imidazolium bis(trifluoromethylsulfonyl)imide) and its binary mixtures at T=298.15K and atmospheric pressure. <i>Journal of Chemical Thermodynamics</i> , 2009 , 41, 1317-1323	2.9	42
111	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	2.9	9

110	Physical Properties of Binary and Ternary Mixtures of Ethyl Acetate, Ethanol, and 1-Octyl-3-methyl-imidazolium Bis(trifluoromethylsulfonyl)imide at 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 2009 , 54, 1022-1028	2.8	35
109	Measurement of Ion Activity Coefficients in Aqueous Solutions of Mixed Electrolyte with a Common Ion: NaNO ₃ + KNO ₃ , NaCl + KCl, and NaBr + NaCl. <i>Journal of Chemical & Engineering Data</i> , 2009 , 54, 345-350	2.8	13
108	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	10	94
107	1-Ethyl-3-methylimidazolium bis((trifluoromethyl)sulfonyl)amide as solvent for the separation of aromatic and aliphatic hydrocarbons by liquid extraction [extension to C ₇ - and C ₈ -fractions. <i>Green Chemistry</i> , 2008 , 10, 1294	10	105
106	Viscosities and Volumetric Properties of Binary and Ternary Mixtures of Tris(2-hydroxyethyl) Methylammonium Methylsulfate + Water + Ethanol at 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 2008 , 53, 770-775	2.8	26
105	Liquid-Liquid Equilibria for [C ₈ mim][NTf ₂] + Thiophene + 2,2,4-Trimethylpentane or + Toluene. <i>Journal of Chemical & Engineering Data</i> , 2008 , 53, 1750-1755	2.8	38
104	Liquid-liquid Equilibria of ([C ₂ mim][EtSO ₄] + Thiophene + 2,2,4-Trimethylpentane) and ([C ₂ mim][EtSO ₄] + Thiophene + Toluene): Experimental Data and Correlation. <i>Journal of Solution Chemistry</i> , 2008 , 37, 1355-1363	1.8	36
103	Citrus Essential Oil Deterpenation by Liquid-Liquid Extraction. <i>Canadian Journal of Chemical Engineering</i> , 2008 , 83, 366-370	2.3	36
102	(Liquid+liquid) equilibria of [C ₈ mim][NTf ₂] ionic liquid with a sulfur-component and hydrocarbons. <i>Journal of Chemical Thermodynamics</i> , 2008 , 40, 265-270	2.9	73
101	Solvent extraction of thiophene from n-alkanes (C ₇ , C ₁₂ , and C ₁₆) using the ionic liquid [C ₈ mim][BF ₄]. <i>Journal of Chemical Thermodynamics</i> , 2008 , 40, 966-972	2.9	127
100	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	2.5	99
99	Thiophene separation from aliphatic hydrocarbons using the 1-ethyl-3-methylimidazolium ethylsulfate ionic liquid. <i>Fluid Phase Equilibria</i> , 2008 , 270, 97-102	2.5	105
98	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, 2538-42	3.6	77
97	Use of a green and cheap ionic liquid to purify gasoline octane boosters. <i>Green Chemistry</i> , 2007 , 9, 247-253	2.5	81
96	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	10	204
95	Solubility Issues in Environmental Pollution 2007 , 411-427		1
94	Gasoline desulfurization using extraction with [C ₈ mim][BF ₄] ionic liquid. <i>AIChE Journal</i> , 2007 , 53, 3108-3115	3.6	161
93	Isobaric vapor-liquid equilibria of 1,1-dimethylethoxy-butane+methanol or ethanol+water at 101.32kPa. <i>Fluid Phase Equilibria</i> , 2007 , 259, 57-65	2.5	9

92	Citrus essential oil terpeness by extraction using 1-ethyl-3-methylimidazolium ethylsulfate ionic liquid: Effect of the temperature. <i>Chemical Engineering Journal</i> , 2007 , 133, 213-218	14.7	72
91	Phase equilibria of mixtures of mutually immiscible ionic liquids. <i>Fluid Phase Equilibria</i> , 2007 , 261, 427-433	5	61
90	Activities of aqueous . <i>Chemical Engineering Science</i> , 2007 , 62, 3849-3857	4.4	17
89	Measurement and Correlation of Liquid-Liquid Equilibria of Two Imidazolium Ionic Liquids with Thiophene and Methylcyclohexane. <i>Journal of Chemical & Engineering Data</i> , 2007 , 52, 2409-2412	2.8	44
88	Liquid-Liquid Equilibria for Systems Composed by 1-Methyl-3-octylimidazolium Tetrafluoroborate Ionic Liquid, Thiophene, and n-Hexane or Cyclohexane. <i>Journal of Chemical & Engineering Data</i> , 2007 , 52, 1729-1732	2.8	51
87	Separation of benzene and hexane by solvent extraction with 1-alkyl-3-methylimidazolium bis{(trifluoromethyl)sulfonyl}amide ionic liquids: effect of the alkyl-substituent length. <i>Journal of Physical Chemistry B</i> , 2007 , 111, 4732-6	3.4	184
86	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. <i>Chemical Engineering Science</i> , 2006 , 61, 6929-6935	4.4	43
85	Essential oil terpeness by extraction using organic solvents or ionic liquids. <i>AIChE Journal</i> , 2006 , 52, 2089-2097	3.6	65
84	Mutually immiscible ionic liquids. <i>Chemical Communications</i> , 2006 , 2548-50	5.8	99
83	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	2.8	93
82	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	2.5	76
81	Purification of ethyl tert-butyl ether from its mixtures with ethanol by using an ionic liquid. <i>Chemical Engineering Journal</i> , 2006 , 115, 219-223	14.7	44
80	Physical and Excess Properties for Binary Mixtures of 1-Methyl-3-Octylimidazolium Tetrafluoroborate, [Omim][BF ₄], Ionic Liquid with Different Alcohols. <i>Journal of Solution Chemistry</i> , 2006 , 35, 63-78	1.8	109
79	(Liquid+liquid) equilibrium of (dibutyl ether+methanol+water) at different temperatures. <i>Journal of Chemical Thermodynamics</i> , 2005 , 37, 1007-1012	2.9	8
78	Physical and excess properties of binary and ternary mixtures of 1,1-dimethylethoxy-butane, methanol, ethanol and water at 298.15K. <i>Thermochimica Acta</i> , 2005 , 435, 197-201	2.9	21
77	Isobaric vapor-liquid equilibria for systems composed by 2-ethoxy-2-methylbutane, methanol or ethanol and water at 101.32kPa. <i>Fluid Phase Equilibria</i> , 2005 , 233, 9-18	2.5	8
76	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	8.3	115
75	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	1.8	95

74	Liquid-Liquid Equilibria of Linalool + Ethanol + Water, Water + Ethanol + Limonene, and Limonene + Linalool + Water Systems. <i>Journal of Solution Chemistry</i> , 2004 , 33, 561-569	1.8	35
73	Phase stability of the system limonene+linalool+2-aminoethanol. <i>Fluid Phase Equilibria</i> , 2004 , 226, 121-127	1.7	18
72	Liquid-Liquid equilibria for butyl tert-butyl ether + (methanol or ethanol) + water at several temperatures. <i>Fluid Phase Equilibria</i> , 2004 , 224, 185-192	2.5	23
71	Sorption and transport of water vapor in thin polymer films at 35 °C. <i>Physical Chemistry Chemical Physics</i> , 2004 , 6, 103-108	3.6	45
70	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	2.8	76
69	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	3.9	73
68	Apparent Molar Volume, Isentropic Compressibility, Refractive Index, and Viscosity of DL-Alanine in Aqueous NaCl Solutions. <i>Journal of Solution Chemistry</i> , 2003 , 32, 53-63	1.8	109
67	(Vapour+liquid) equilibrium of (DIPE+IPA+water) at 101.32kPa. <i>Journal of Chemical Thermodynamics</i> , 2003 , 35, 871-884	2.9	27
66	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	3.9	74
65	Propanediols for separation of citrus oil: liquid-Liquid equilibria of limonene + linalool + (1,2-propanediol or 1,3-propanediol). <i>Fluid Phase Equilibria</i> , 2003 , 211, 129-140	2.5	29
64	A thermodynamic study on binary and ternary mixtures of acetonitrile, water and butyl acetate. <i>Fluid Phase Equilibria</i> , 2002 , 203, 83-98	2.5	59
63	Liquid-Liquid equilibria of limonene+linalool+diethylene glycol system at different temperatures. <i>Chemical Engineering Journal</i> , 2002 , 89, 223-227	14.7	24
62	Liquid-Liquid Equilibrium of Diisopropyl Ether + Ethanol + Water System at Different Temperatures. <i>Journal of Chemical & Engineering Data</i> , 2002 , 47, 529-532	2.8	25
61	Vapor-Liquid Equilibrium of the Ternary System Ethyl Acetate + Hexane + Acetone at 101.32 kPa. <i>Journal of Chemical & Engineering Data</i> , 2002 , 47, 849-854	2.8	32
60	Thermophysical properties for 1-butanol+ethanol+2-methoxy-2-methylbutane ternary system. <i>Fluid Phase Equilibria</i> , 2001 , 187-188, 155-169	2.5	7
59	(Liquid + liquid) equilibria of (tert -amyl ethyl ether+ ethanol + water) at several temperatures. <i>Journal of Chemical Thermodynamics</i> , 2001 , 33, 139-146	2.9	14
58	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. <i>Journal of Chemical & Engineering Data</i> , 2001 , 46, 1176-1180	2.8	34
57	Property Changes of Mixing for the 1-Butanol + Methanol + 2-Methoxy-2-methylbutane System at 298.15 K and Atmospheric Pressure. <i>Journal of Chemical & Engineering Data</i> , 2001 , 46, 962-966	2.8	7

56	Liquid-Liquid Equilibrium for tert-Amyl Ethyl Ether + Methanol + Water. <i>Journal of Chemical & Engineering Data</i> , 2001 , 46, 557-561	2.8	8
55	Physical Properties and Their Changes on Mixing at 298.15 K and Atmospheric Pressure for the 2-Ethoxy-2-methylbutane + Methanol + Water System. <i>Journal of Chemical & Engineering Data</i> , 2001 , 46, 1261-1265	2.8	6
54	Physical and equilibrium properties of diisopropyl ether+isopropyl alcohol+water system. <i>Fluid Phase Equilibria</i> , 2000 , 170, 113-126	2.5	65
53	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	2.5	8
52	Density, Refractive Index, and Speed of Sound for 2-Ethoxy-2-Methylbutane + Ethanol + Water at 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 2000 , 45, 536-539	2.8	18
51	Experimental Determination of the Vapor-Liquid Equilibrium at 101.32 kPa of the Ternary System 1-Butanol + Methanol + TAME. <i>Journal of Chemical & Engineering Data</i> , 2000 , 45, 1112-1115	2.8	5
50	Effect of cation and anion of an electrolyte on apparent molar volume, isentropic compressibility and refractive index of glycine in aqueous solutions. <i>Biophysical Chemistry</i> , 1999 , 76, 73-82	3.5	31
49	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	2.5	14
48	Measurements and modelling of the solubility of a mixture of two amino acids in aqueous solutions. <i>Fluid Phase Equilibria</i> , 1999 , 158-160, 893-901	2.5	26
47	Thermodynamic behaviour of ethanol+methanol+2-ethoxy-2-methylpropane system. Physical properties and phase equilibria. <i>Fluid Phase Equilibria</i> , 1999 , 165, 121-139	2.5	12
46	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	2.3	12
45	Molar Volume, Refractive Index, and Isentropic Compressibility at 298.15 K for 1-Butanol + Ethanol + 2-Methoxy-2-methylpropane. <i>Journal of Chemical & Engineering Data</i> , 1999 , 44, 291-295	2.8	23
44	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	2.8	13
43	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	0.8	17
42	Molar Volume, Molar Refraction, and Isentropic Compressibility Changes of Mixing at 25°C for the System Ethanol + Methanol + Dibutyl Ether. <i>Journal of Solution Chemistry</i> , 1998 , 27, 911-923	1.8	18
41	Use of Physical Properties for Compositional Analysis of Ternary Mixtures. Application to Mixtures of 2-Methoxy-2-methylbutane, Methanol, and 2,2,4-Trimethylpentane or Methylcyclohexane. <i>Journal of Solution Chemistry</i> , 1998 , 27, 601-619	1.8	11
40	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	2.5	13
39	Liquid extraction equilibria of type 2: (tert-amyl methyl ether + 1-octanol + water) at T=(298.15 and 308.15) K. <i>Journal of Chemical Thermodynamics</i> , 1998 , 30, 799-804	2.9	4

38	Isobaric (vapour+liquid) equilibrium of (ethanol+methanol+2-methoxy-2-methylbutane). <i>Journal of Chemical Thermodynamics</i> , 1998 , 30, 1363-1372	2.9	1
37	Effect of the cation and the anion of an electrolyte on the solubility of DL-aminobutyric acid in aqueous solutions: measurement and modelling. <i>Biophysical Chemistry</i> , 1998 , 73, 77-83	3.5	43
36	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, 165-73	3.5	64
35	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	3.5	15
34	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	2.8	10
33	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	2.8	13
32	Molar Volumes, Molar Refractions, and Isentropic Compressibilities of (Ethanol + Methanol + 2-Methoxy-2-methylpropane) and (Ethanol + Methanol + 2-Methoxy-2-methylbutane) at 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 1997 , 42, 721-726	2.8	31
31	Vapor-liquid Equilibria of 2-Methoxy-2-methylbutane + Methanol + Water at 101.32 kPa. <i>Journal of Chemical & Engineering Data</i> , 1997 , 42, 434-437	2.8	
30	Phase equilibria of water + methanol + hexyl acetate mixtures. <i>Fluid Phase Equilibria</i> , 1997 , 128, 261-270	2.5	8
29	Vapour-liquid equilibrium data for the recovery of 1-octanol from ternary mixtures with methanol and water. <i>Fluid Phase Equilibria</i> , 1997 , 129, 187-195	2.5	3
28	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	2.5	15
27	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	2.8	54
26	Densities, Refractive Indices, Speeds of Sound, and Isentropic Compressibilities of Water + Methanol + 2-Methoxy-2-methylbutane at 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 1996 , 41, 724-727	2.8	23
25	Liquid-liquid equilibria of (MTBE or TAME) + ethanol + water mixtures. <i>Canadian Journal of Chemical Engineering</i> , 1996 , 74, 419-422	2.3	23
24	Extraction equilibria of the type 2: ternary liquid mixture {x1tert-butyl methyl ether +x2water + (1-x1-x2)1-octanol} at 298.15 K and 308.15 K. <i>Journal of Chemical Thermodynamics</i> , 1996 , 28, 3-6	2.9	9
23	VLE for water + ethanol + 1-octanol mixtures. Experimental measurements and correlations. <i>Fluid Phase Equilibria</i> , 1996 , 122, 117-129	2.5	38
22	LLE data for the systems water + (methanol or ethanol) + n-amyl acetate. <i>Fluid Phase Equilibria</i> , 1995 , 109, 291-297	2.5	21
21	Analysis of the relationship between ternary mixtures and their binary sub-systems as represented by the uniquac and nrtl models. <i>Thermochimica Acta</i> , 1995 , 261, 59-68	2.9	1

20	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	2.8	71
19	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	2.8	10
18	Isobaric Vapor-Liquid Equilibria of Water + Ethanol + Hexyl Acetate. <i>Journal of Chemical & Engineering Data</i> , 1995 , 40, 1094-1096	2.8	3
17	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	2.8	11
16	Isobaric Vapor-Liquid Equilibria of Methanol + Hexyl Acetate and Ethanol + Hexyl Acetate. <i>Journal of Chemical & Engineering Data</i> , 1995 , 40, 515-518	2.8	17
15	Isobaric Vapor-Liquid Equilibria of Methanol + 1-Octanol and Ethanol + 1-Octanol Mixtures. <i>Journal of Chemical & Engineering Data</i> , 1995 , 40, 1011-1014	2.8	15
14	Analysis of the relationship between ternary mixtures and their binary subsystems as represented by the uniquac and nrtl models. <i>Thermochimica Acta</i> , 1995 , 260, 105-114	2.9	1
13	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	2.5	15
12	Liquid-liquid equilibria of water + methanol + (MTBE or TAME) mixtures. <i>Canadian Journal of Chemical Engineering</i> , 1994 , 72, 935-938	2.3	23
11	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	2.8	12
10	Liquid-Liquid Equilibria of Water + Methanol + 1-Octanol and Water + Ethanol + 1-Octanol at Various Temperatures. <i>Journal of Chemical & Engineering Data</i> , 1994 , 39, 378-380	2.8	24
9	Liquid-liquid equilibria of the ternary system water + propanoic acid + methyl isobutyl ketone at various temperatures. <i>Journal of Chemical & Engineering Data</i> , 1993 , 38, 201-203	2.8	53
8	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. <i>Journal of Chemical & Engineering Data</i> , 1993 , 38, 336-340	2.8	48
7	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	2.5	14
6	Vapour-liquid equilibria of pyridine + acetate mixtures at 101.325 kPa. <i>Collection of Czechoslovak Chemical Communications</i> , 1991 , 56, 2773-2785		12
5	Liquid-liquid equilibria of the system water + acetic acid + methyl isopropyl ketone between 25 and 55.degree.C. <i>Journal of Chemical & Engineering Data</i> , 1989 , 34, 415-419	2.8	51
4	Vapor-liquid equilibrium of the system ethanol + benzene + cyclohexane at 760 mm mercury. <i>Journal of Chemical & Engineering Data</i> , 1987 , 32, 247-250	2.8	4
3	Liquid-liquid equilibria of the system water + acetic acid + methyl ethyl ketone at several temperatures. <i>Fluid Phase Equilibria</i> , 1987 , 32, 151-162	2.5	18

- 2 Vapour-liquid equilibrium of the system benzene + cyclohexane + 1-propanol at 760 mm Hg. *Fluid Phase Equilibria*, **1986**, 26, 69-81 2.5 2
- 1 Chiral co-ordination of bridging formamido-ligands in clusters of type $[\text{HOs}_3(\text{CO})_{10}(\mu\text{-RNHCO})]$. *Journal of the Chemical Society Chemical Communications*, **1980**, 1102-1103 16