

Carlos Lafuente

List of Publications by Year in Descending Order

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

202
papers

3,745
citations

31
h-index

44
g-index

209
ext. papers

4,050
ext. citations

3.3
avg, IF

5.34
L-index

#	Paper	IF	Citations
202	L-menthol-based eutectic solvents: Characterization and application in the removal of drugs from water. <i>Journal of Molecular Liquids</i> , 2022 , 352, 118754	6	0
201	Thermophysical characterization of choline chloride: Resorcinol and its mixtures with water. <i>Fluid Phase Equilibria</i> , 2022 , 557, 113435	2.5	0
200	Hydrophobic eutectic solvents: Thermophysical study and application in removal of pharmaceutical products from water. <i>Chemical Engineering Journal</i> , 2021 , 411, 128472	14.7	9
199	Dependence on both the hydrocarbon chain length and the hydroxyl group position of the thermophysical properties of N,N-dimethylacetamide with n-alkanol or 2-alkanol. <i>Journal of Chemical Thermodynamics</i> , 2021 , 152, 106258	2.9	0
198	Structure and properties of two glucose-based deep eutectic systems. <i>Food Chemistry</i> , 2021 , 336, 127718.5	8.5	9
197	Ecotoxicity and biodegradability of pure and aqueous mixtures of deep eutectic solvents: glyceline, ethaline, and reline. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 8812-8821	5.1	15
196	Experimental and modelled thermophysical behaviour of methyl levulinate (methyl 4-oxopentanoate) and n-alkanol systems. <i>Journal of Molecular Liquids</i> , 2021 , 339, 116739	6	0
195	Volumetric properties of three pyridinium-based ionic liquids with a common cation or anion. <i>Fluid Phase Equilibria</i> , 2020 , 521, 112732	2.5	4
194	The hydration behavior of d-glucose in the choline chloride: Urea:water mixtures. <i>Journal of Molecular Liquids</i> , 2020 , 314, 113649	6	1
193	A comprehensive study of the thermophysical properties of reline and hydrated reline. <i>Journal of Molecular Liquids</i> , 2020 , 303, 112679	6	27
192	QSAR study for predicting the ecotoxicity of NADES towards <i>Aliivibrio fischeri</i> . Exploring the use of mixing rules. <i>Ecotoxicology and Environmental Safety</i> , 2020 , 191, 110004	7	11
191	Characterization of xylitol or citric acid:choline chloride:water mixtures: Structure, thermophysical properties, and quercetin solubility. <i>Food Chemistry</i> , 2020 , 306, 125610	8.5	18
190	Thermophysical characterization of the deep eutectic solvent choline chloride:ethylene glycol and one of its mixtures with water. <i>Fluid Phase Equilibria</i> , 2019 , 492, 1-9	2.5	61
189	The NADES glyceline as a potential Green Solvent: A comprehensive study of its thermophysical properties and effect of water inclusion. <i>Journal of Chemical Thermodynamics</i> , 2019 , 128, 164-172	2.9	57
188	Vapor-liquid equilibrium and excess properties of the binary mixtures formed by ethyl isobutyrate and n-alkanols. <i>Journal of Chemical Thermodynamics</i> , 2019 , 139, 105884	2.9	0
187	NMR study of choline chloride-based deep eutectic solvents. <i>Journal of Molecular Liquids</i> , 2019 , 290, 111236	6	52
186	Volumetric Behavior and Vapor-Liquid Equilibrium of Dimethyl Disulfide + n-Alkanol Binary Mixtures. <i>Journal of Solution Chemistry</i> , 2019 , 48, 1-14	1.8	3

185	Volumetric and acoustic behaviour of myo-inositol in aqueous Natural Deep Eutectic Solvent solutions. <i>Journal of Molecular Liquids</i> , 2018 , 258, 106-113	6	5
184	Interfacial tensions of pyridinium-based ionic liquids and n-alkanes or n-alkanols. <i>Journal of Molecular Liquids</i> , 2018 , 252, 469-474	6	5
183	Effect of temperature on thermal (density), caloric (heat capacity), acoustic (speed of sound) and transport (viscosity) properties of 1-octyl-3-methylimidazolium hexafluorophosphate at atmospheric pressure. <i>Journal of Chemical Thermodynamics</i> , 2018 , 124, 49-64	2.9	9
182	Toxicological study of some ionic liquids. <i>Green Processing and Synthesis</i> , 2018 , 7, 287-295	3.9	6
181	Viscometric study of myo-inositol in aqueous deep eutectic solvent solutions. <i>Fluid Phase Equilibria</i> , 2018 , 473, 236-244	2.5	4
180	Thermodynamic behaviour of alkyl lactate-alkanol systems. <i>Journal of Chemical Thermodynamics</i> , 2018 , 127, 33-38	2.9	2
179	Comparative Study of the Thermophysical Properties of 2-Ethylthiophene and 2-Ethylfuran. <i>Journal of Chemical & Engineering Data</i> , 2018 , 63, 3274-3284	2.8	5
178	Thermophysical study of the binary mixtures of N,N-dimethylacetamide with 1-propanol and 1-butanol. <i>Journal of Molecular Liquids</i> , 2017 , 231, 168-173	6	17
177	Isobaric Vapor-Liquid Equilibrium for the Binary Systems Dimethyl Disulfide + C ₁₀₋₁₄ n-Alkanol at 40.000 and 101.325 kPa. <i>Journal of Chemical & Engineering Data</i> , 2017 , 62, 2037-2043	2.8	1
176	Thermophysical Characterization of Furfuryl Esters: Experimental and Modeling. <i>Energy & Fuels</i> , 2017 , 31, 4143-4154	4.1	2
175	Thermophysical study of 2-acetylthiophene: Experimental and modelled results. <i>Fluid Phase Equilibria</i> , 2017 , 433, 126-134	2.5	11
174	Thermophysical properties of oxygenated thiophene derivatives: Experimental data and modelling. <i>Journal of Chemical Thermodynamics</i> , 2017 , 113, 330-339	2.9	6
173	Thermophysical study of the binary mixtures of N,N-dimethylacetamide with 2-propanol and 2-butanol. <i>Thermochimica Acta</i> , 2017 , 655, 169-175	2.9	7
172	Densities at high pressures and derived properties of thiophenes. <i>Journal of Chemical Thermodynamics</i> , 2017 , 109, 16-22	2.9	3
171	Thermophysical properties of the thiophene family. <i>Journal of Thermal Analysis and Calorimetry</i> , 2016 , 125, 509-518	4.1	7
170	Experimental and modeled volumetric behavior of linear and branched ethers. <i>Fluid Phase Equilibria</i> , 2016 , 417, 7-18	2.5	8
169	Experimental and predicted vapour-liquid equilibrium of the binary mixtures n-heptane-chlorobutane isomers. <i>Fluid Phase Equilibria</i> , 2016 , 409, 72-77	2.5	1
168	Density, Speed of Sound, Refractive Index, and Viscosity of the Binary Mixtures of N,N-dimethylacetamide with Methanol and Ethanol. <i>Journal of Chemical & Engineering Data</i> , 2016 , 61, 2946-2953	2.8	18

167	Thermophysical properties of two binary aqueous mixtures containing a pyridinium-based ionic liquid. <i>Journal of Chemical Thermodynamics</i> , 2016 , 99, 116-123	2.9	8
166	Thermophysical characterization of 1-ethylpyridinium triflate and comparison with similar ionic liquids. <i>Journal of Chemical Thermodynamics</i> , 2016 , 103, 395-402	2.9	11
165	Calorimetric and acoustic study of binary mixtures containing an isomeric chlorobutane and butyl ethyl ether or methyl tert-butyl ether. <i>Journal of Thermal Analysis and Calorimetry</i> , 2015 , 122, 851-861	4.1	1
164	Refractive indices and static permittivities of systems containing n-hexane or n-heptane and isomeric chlorobutanes. <i>Journal of Chemical Thermodynamics</i> , 2015 , 86, 162-167	2.9	1
163	Excess properties from p [∞] data for n-heptane + isomeric chlorobutane mixtures. <i>Thermochimica Acta</i> , 2015 , 614, 100-109	2.9	3
162	Thermophysical study of the furan family. <i>Thermochimica Acta</i> , 2015 , 617, 54-64	2.9	24
161	Thermophysical Properties of the Binary Mixture 1-Propylpyridinium Tetrafluoroborate with Methanol. <i>Journal of Chemical & Engineering Data</i> , 2014 , 59, 1564-1573	2.8	20
160	Thermophysical Properties of Furfural Compounds. <i>Journal of Chemical & Engineering Data</i> , 2014 , 59, 329-338	2.8	15
159	Aggregation behaviour of betablocker drugs in aqueous media. <i>New Journal of Chemistry</i> , 2014 , 38, 4143-6	3.6	5
158	Physicochemical Study of n-Ethylpyridinium bis(trifluoromethylsulfonyl)imide Ionic Liquid. <i>Journal of Solution Chemistry</i> , 2014 , 43, 696-710	1.8	29
157	Volumetric behavior of two pyridinium-based ionic liquids. <i>Fluid Phase Equilibria</i> , 2014 , 382, 59-64	2.5	6
156	Phase Equilibrium of Binary Mixtures of n-Hexane + Branched Chlorobutanes: Experimental Results and Group Contribution Predictions. <i>Journal of Chemical & Engineering Data</i> , 2014 , 59, 3017-3024	2.8	4
155	Thermophysical properties of lactates. <i>Thermochimica Acta</i> , 2014 , 575, 305-312	2.9	29
154	Thermodynamic study of the surface of liquid mixtures containing pyridinium-based ionic liquids and alkanols. <i>Journal of Chemical Thermodynamics</i> , 2014 , 78, 234-240	2.9	14
153	Self-aggregation of liquids from biomass in aqueous solution. <i>Journal of Chemical Thermodynamics</i> , 2013 , 66, 131-136	2.9	11
152	Thermophysical Properties of Three Compounds from the Acrylate Family. <i>Journal of Chemical & Engineering Data</i> , 2013 , 58, 1193-1202	2.8	39
151	Thermophysical study of methyl levulinate. <i>Journal of Chemical Thermodynamics</i> , 2013 , 65, 34-41	2.9	31
150	Experimental and VTPR-predicted volumetric properties of branched hexanes. <i>Fluid Phase Equilibria</i> , 2013 , 338, 141-147	2.5	5

149	Refractive properties of binary mixtures containing pyridinium-based ionic liquids and alkanols. <i>Thermochimica Acta</i> , 2013 , 572, 39-44	2.9	12
148	Surface study of binary mixtures containing chlorinated and oxygenated compounds. <i>Journal of Molecular Liquids</i> , 2013 , 181, 1-7	6	22
147	Ionic Conductivities of Binary Mixtures Containing Pyridinium-Based Ionic Liquids and Alkanols. <i>Journal of Chemical & Engineering Data</i> , 2013 , 58, 1613-1620	2.8	23
146	Volumetric study of the mixtures n-hexane + isomeric chlorobutane: experimental characterization and volume translated Peng-Robinson predictions. <i>Journal of Physical Chemistry B</i> , 2013 , 117, 10284-92	3.4	4
145	Experimental and Predicted Viscosities of Binary Mixtures Containing Chlorinated and Oxygenated Compounds. <i>International Journal of Thermophysics</i> , 2013 , 34, 34-46	2.1	13
144	The p ^{III} behaviour of the lactate family. <i>Journal of Chemical Thermodynamics</i> , 2013 , 58, 8-13	2.9	11
143	Correlation of the volumetric behaviour of pyridinium-based ionic liquids with two different equations. <i>Thermochimica Acta</i> , 2012 , 531, 21-27	2.9	20
142	Thermophysical properties of 1-propylpyridinium tetrafluoroborate. <i>Journal of Chemical Thermodynamics</i> , 2012 , 44, 148-153	2.9	28
141	Thermodynamic properties of binary mixtures combining two pyridinium-based ionic liquids and two alkanols. <i>Journal of Chemical Thermodynamics</i> , 2012 , 51, 17-24	2.9	27
140	Experimental and predicted properties of the binary mixtures containing an isomeric chlorobutane and butyl ethyl ether. <i>Journal of Chemical Thermodynamics</i> , 2012 , 51, 150-158	2.9	6
139	Viscosimetric Study of Binary Mixtures Containing Pyridinium-Based Ionic Liquids and Alkanols. <i>Journal of Chemical & Engineering Data</i> , 2012 , 57, 3549-3556	2.8	22
138	Experimental and Theoretical Study of Two Pyridinium-Based Ionic Liquids. <i>Journal of Solution Chemistry</i> , 2012 , 41, 1836-1852	1.8	25
137	Volumetric Properties of Short-Chain Chloroalkanes. <i>Journal of Chemical & Engineering Data</i> , 2012 , 57, 2076-2083	2.8	8
136	Volumetric characterization of pyridinium-based ionic liquids. <i>Fluid Phase Equilibria</i> , 2012 , 317, 102-109	2.5	25
135	On the viscosity of pyridinium based ionic liquids: an experimental and computational study. <i>Journal of Physical Chemistry B</i> , 2011 , 115, 12499-513	3.4	58
134	Thermophysical study of the n-hexane or n-heptane with 1-chloropropane systems. <i>Thermochimica Acta</i> , 2011 , 525, 71-77	2.9	32
133	Isothermal vapour-liquid equilibria and excess enthalpies for the binary mixtures containing an isomeric chlorobutane and diisopropyl ether. <i>Fluid Phase Equilibria</i> , 2011 , 308, 8-14	2.5	6
132	Physicochemical properties of green solvents derived from biomass. <i>Green Chemistry</i> , 2011 , 13, 2062	10	121

131	Study of the Surface Tensions of Binary Mixtures of Isomeric Chlorobutanes with Methyl tert-Butyl Ether. <i>Journal of Solution Chemistry</i> , 2011 , 40, 1173-1186	1.8	18
130	Optical and diffractive studies of pyridinium-based ionic liquids. <i>Physics and Chemistry of Liquids</i> , 2011 , 49, 192-205	1.5	4
129	Simultaneous Prediction of Densities and Vapor-Liquid Equilibria of Mixtures Containing an Isomeric Chlorobutane and Methyl tert-Butyl Ether Using the VTPR Model. <i>Industrial & Engineering Chemistry Research</i> , 2011 , 50, 14193-14202	3.9	4
128	P _{VT} Behavior of Several Chemicals from Biomass. <i>Energy & Fuels</i> , 2011 , 25, 3009-3013	4.1	40
127	Experimental and Predicted Kinematic Viscosities for Alkane + Chloroalkane Mixtures. <i>Journal of Chemical & Engineering Data</i> , 2011 , 56, 3133-3141	2.8	23
126	Surface Tensions of the Ternary Mixtures Containing an Isomeric Butanol +n-Hexane + 1-Chlorobutane at 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 3532-3537	2.8	8
125	Isothermal Vapor-Liquid Equilibrium of Ternary Mixtures Containing 2-Methyl-1-propanol or 2-Methyl-2-propanol, n-Hexane, and 1-Chlorobutane at 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 739-744	2.8	2
124	Anion influence on thermophysical properties of ionic liquids: 1-butylpyridinium tetrafluoroborate and 1-butylpyridinium triflate. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 3601-7	3.4	65
123	Phase equilibrium and thermophysical properties of mixtures containing a cyclic ether and 1-chloropropane. <i>Fluid Phase Equilibria</i> , 2010 , 295, 130-136	2.5	7
122	Viscosities of Binary Mixtures Containing Isomeric Chlorobutanes and Diisopropylether: Experimental and Predicted Values. <i>International Journal of Thermophysics</i> , 2010 , 31, 488-501	2.1	16
121	Volumetric and acoustic behaviour of systems containing n-hexane, or n-heptane and isomeric chlorobutanes. <i>Journal of Chemical Thermodynamics</i> , 2010 , 42, 1406-1412	2.9	7
120	Thermodynamic study of binary mixtures containing 1-butylpyridinium tetrafluoroborate and methanol, or ethanol. <i>Journal of Chemical Thermodynamics</i> , 2010 , 42, 1500-1505	2.9	26
119	Study of the conductivity behavior of pyridinium-based ionic liquids. <i>Electrochimica Acta</i> , 2010 , 55, 2252-2257	2.7	56
118	Aggregation Behavior of Pyridinium-Based Ionic Liquids in Aqueous Solution. <i>Journal of Solution Chemistry</i> , 2009 , 38, 1622-1634	1.8	38
117	Volumetric, acoustic and refractive properties at several temperatures of dibutyl ether + 1-chlorobutane system. <i>Journal of Molecular Liquids</i> , 2009 , 150, 73-76	6	17
116	Study of isobaric vapour-liquid equilibrium of some cyclic ethers with 1-chloropropane: Experimental results and SAFT-VR modelling. <i>Fluid Phase Equilibria</i> , 2009 , 278, 62-67	2.5	14
115	Experimental and predicted viscosities of binary mixtures of cyclic ethers with 1-chloropentane or 1-chlorohexane at 283.15, 298.15, and 313.15K. <i>Thermochimica Acta</i> , 2009 , 484, 22-26	2.9	26
114	Surface and bulk behaviour of some (n-hexane+chloroalkane) mixtures. <i>Journal of Chemical Thermodynamics</i> , 2009 , 41, 553-559	2.9	16

113	(Vapour + liquid) equilibrium and excess Gibbs functions of ternary mixtures containing 1-butanol or 2-butanol, n-hexane, and 1-chlorobutane at T = 298.15 K. <i>Journal of Chemical Thermodynamics</i> , 2009 , 41, 1030-1034	2.9	4
112	Supramolecular Architecture in Langmuir Films of a Luminescent Ionic Liquid Crystal. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 18827-18834	3.8	10
111	Thermophysical study of 1-butyl-2-methylpyridinium tetrafluoroborate ionic liquid. <i>Journal of Physical Chemistry B</i> , 2009 , 113, 11936-42	3.4	34
110	Thermophysical Properties of N-Octyl-3-methylpyridinium Tetrafluoroborate. <i>Journal of Chemical & Engineering Data</i> , 2009 , 54, 236-240	2.8	36
109	Thermophysic comparative study of two isomeric pyridinium-based ionic liquids. <i>Journal of Physical Chemistry B</i> , 2008 , 112, 3077-84	3.4	80
108	Densities and Viscosities of the Ternary Mixtures 2-Methyl-1-propanol (or 2-Methyl-2-propanol) + N-Hexane + 1-Chlorobutane at 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 2008 , 53, 1223-1227 ^{2,8}	2.8	6
107	Physicochemical characterization of n-butyl-3-methylpyridinium dicyanamide [corrected] ionic liquid. <i>Journal of Physical Chemistry B</i> , 2008 , 112, 12461-7	3.4	45
106	Refractive Indices of the Ternary Mixtures Butanol + n-Hexane + 1-Chlorobutane. <i>Journal of Solution Chemistry</i> , 2008 , 37, 1499-1510	1.8	13
105	Kinematic Viscosities for Ether + Alkane Mixtures: Experimental Results and UNIFAC-VISCO Parameters. <i>International Journal of Thermophysics</i> , 2008 , 29, 457-467	2.1	18
104	Isothermal (vapour + liquid) equilibrium of (cyclic ethers + chlorohexane) mixtures: Experimental results and SAFT modelling. <i>Journal of Chemical Thermodynamics</i> , 2008 , 40, 1253-1260	2.9	6
103	Thermodynamic properties of tetrahydrofuran or tetrahydropyran with 1-chlorohexane. <i>Journal of Molecular Liquids</i> , 2008 , 139, 138-142	6	15
102	Study of the Temperature Dependence of Surface Tensions of Some Alkanol + Hexane Mixtures. <i>Journal of Chemical & Engineering Data</i> , 2007 , 52, 1904-1907	2.8	29
101	Phase equilibrium of binary mixtures of cyclic ethers + chlorobutane isomers: experimental measurements and SAFT-VR modeling. <i>Journal of Physical Chemistry B</i> , 2007 , 111, 9588-97	3.4	16
100	Intermolecular potential model parameters for cyclic ethers and chloroalkanes in the SAFT-VR approach. <i>Fluid Phase Equilibria</i> , 2007 , 255, 200-206	2.5	14
99	Vapour-liquid equilibrium of cyclic ethers with 1-chlorohexane: Experimental results and UNIFAC predictions. <i>Fluid Phase Equilibria</i> , 2007 , 257, 70-77	2.5	9
98	Isothermal vapour-liquid equilibrium for cyclic ethers with 1-chloropentane. <i>Fluid Phase Equilibria</i> , 2007 , 251, 8-16	2.5	20
97	Influence of the Hofmeister series of anions on the molecular organization of positively ionized monolayers of a viologen derivative. <i>Journal of Colloid and Interface Science</i> , 2007 , 315, 588-96	9.3	10
96	Surface study of mixtures containing cyclic ethers and isomeric chlorobutanes. <i>Journal of Chemical Thermodynamics</i> , 2007 , 39, 791-797	2.9	13

95	Thermodynamic properties of binary mixtures formed by cyclic ethers and chloroalkanes. <i>Journal of Thermal Analysis and Calorimetry</i> , 2007 , 90, 587-595	4.1	19
94	Surface Tension of Mixtures of Tetrahydrofuran or Tetrahydropyran with Isomeric Chlorobutanes. <i>International Journal of Thermophysics</i> , 2007 , 28, 1188-1198	2.1	16
93	Isentropic and Excess Isentropic Compressibilities of Binary Mixtures Containing Cyclic Ethers and Chloroalkanes. <i>Journal of Solution Chemistry</i> , 2007 , 36, 375-386	1.8	23
92	Volumetric and refractive properties of binary mixtures containing 1,4-dioxane and chloroalkanes. <i>Journal of Chemical Thermodynamics</i> , 2007 , 39, 148-157	2.9	44
91	Phase equilibrium of liquid mixtures: experimental and modeled data using statistical associating fluid theory for potential of variable range approach. <i>Journal of Chemical Physics</i> , 2007 , 127, 1445-13	3.9	9
90	Thermophysical study of 1,4-dioxane with cycloalkane mixtures. <i>Journal of Chemical Thermodynamics</i> , 2006 , 38, 871-878	2.9	24
89	Study of weak molecular interactions through thermodynamic mixing properties. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 17683-90	3.4	69
88	Densities and Viscosities of the Binary Mixtures of Tetrahydrofuran with Isomeric Chlorobutanes at 298.15 K and 313.15 K. <i>Journal of Chemical & Engineering Data</i> , 2006 , 51, 1321-1325	2.8	30
87	Viscosities of binary mixtures of 1,3-dioxolane or 1,4-dioxane with isomeric chlorobutanes. <i>Journal of Molecular Liquids</i> , 2006 , 129, 176-180	6	26
86	Thermophysical Properties of Mixtures of Tetrahydropyran with Chlorobutanes. <i>International Journal of Thermophysics</i> , 2006 , 27, 1406-1418	2.1	19
85	Volumetric and refractive properties of binary mixtures containing 1,3-dioxolane and isomeric chlorobutanes. <i>Journal of Thermal Analysis and Calorimetry</i> , 2006 , 83, 735-745	4.1	31
84	Surface behavior of the 1-bromobutane with isomeric butanol mixtures. <i>Journal of Physical Chemistry B</i> , 2005 , 109, 23096-102	3.4	23
83	Experimental and Predicted Vapor-Liquid Equilibrium for Cyclic Ethers with 1-Chloropentane. <i>Industrial & Engineering Chemistry Research</i> , 2005 , 44, 6981-6988	3.9	13
82	Study of the Surface Tension of Chlorocyclohexane or Bromocyclohexane with Some Cyclic Ethers. <i>Journal of Chemical & Engineering Data</i> , 2005 , 50, 1334-1337	2.8	35
81	Refractive indices and molar refractions for isomeric chlorobutanes with isomeric butanols. <i>Physics and Chemistry of Liquids</i> , 2005 , 43, 13-23	1.5	35
80	Proton sponge and fatty acid interactions at the air-water interface. Thermodynamic, spectroscopic, and microscopic study. <i>Langmuir</i> , 2005 , 21, 2796-803	4	28
79	Study of tetrahydropyran-chlorobutane VLE using the γ and ϕ approaches. <i>Fluid Phase Equilibria</i> , 2005 , 232, 50-56	2.5	14
78	Thermodynamic study of 2-methyl-tetrahydrofuran with isomeric chlorobutanes. <i>Thermochimica Acta</i> , 2005 , 429, 233-239	2.9	13

77	Thermophysical properties of the binary mixtures of 2-methyl-tetrahydrofuran with benzene and halobenzenes. <i>Thermochimica Acta</i> , 2005 , 439, 1-7	2.9	23
76	Experimental and predicted vapour-liquid equilibrium of 1,4-dioxane with cycloalkanes and benzene. <i>Fluid Phase Equilibria</i> , 2005 , 238, 1-6	2.5	10
75	Study of the Surface Tensions of Cyclohexane or Methylcyclohexane with Some Cyclic Ethers. <i>Journal of Solution Chemistry</i> , 2005 , 34, 185-198	1.8	39
74	Volumetric and acoustic properties of the ternary system (1-butanol+1,4-dioxane+cyclohexane). <i>Journal of Thermal Analysis and Calorimetry</i> , 2005 , 79, 51-57	4.1	9
73	Viscosimetric Study of Multicomponent Liquid Mixtures Containing Oxygenated Compounds. <i>International Journal of Thermophysics</i> , 2004 , 25, 669-678	2.1	4
72	Viscosimetric Study of Some Cyclic Ethers with Benzene, Toluene, or Halobenzene. <i>Journal of Solution Chemistry</i> , 2004 , 33, 1119-1133	1.8	32
71	Thermodynamic study of the SOLID-LIQUID equilibria in the MIPO ₃ -Cu(PO ₃) ₂ systems. <i>Journal of Thermal Analysis and Calorimetry</i> , 2004 , 76, 417-428	4.1	5
70	Speeds of sound and isentropic compressibilities of cyclohexane+1,3-dioxolane+2-butanol and n-hexane+1,3-dioxolane+2-butanol. <i>Journal of Thermal Analysis and Calorimetry</i> , 2004 , 76, 429-441	4.1	4
69	Surface tensions for isomeric chlorobutanes with isomeric butanols. <i>Journal of Colloid and Interface Science</i> , 2004 , 275, 284-9	9.3	67
68	Speeds of Sound and Isentropic Compressibilities of Binary Mixtures Containing Cyclic Ethers and Haloalkanes at 298.15 and 313.15 K. <i>International Journal of Thermophysics</i> , 2004 , 25, 1735-1746	2.1	38
67	Hybrid Langmuir and Langmuir-Blodgett films of a viologen derivative and TCNQ in a mixed valence state: preparation route and characterization. <i>Surface Science</i> , 2004 , 563, 27-40	1.8	25
66	Excess molar volumes and enthalpies of the ternary system (2-butanol + 1,3-dioxolane + n-hexane) at 298.15 and 313.15 K: Experimental values and ERAS model calculations. <i>Thermochimica Acta</i> , 2004 , 423, 49-55	2.9	10
65	(Vapour + liquid) equilibrium of binary mixtures (1,3-dioxolane or 1,4-dioxane + 2-methyl-1-propanol or 2-methyl-2-propanol) at isobaric conditions. <i>Journal of Chemical Thermodynamics</i> , 2004 , 36, 87-93	2.9	8
64	Vapour-liquid equilibrium and azeotropic behaviour of 1,2-dichloroethane with isomeric butanols. <i>Fluid Phase Equilibria</i> , 2004 , 225, 77-83	2.5	8
63	Densities and Speeds of Sound of the Ternary Mixture 2-Butanol Plus 1-Chlorobutane Plus Tetrahydrofuran. <i>Physics and Chemistry of Liquids</i> , 2003 , 41, 239-247	1.5	4
62	Excess thermodynamic properties of isomeric butanols with 2-methyl-tetrahydrofuran. <i>Journal of Molecular Liquids</i> , 2003 , 108, 303-311	6	43
61	Viscosities of Binary Mixtures of Isomeric Butanols or Isomeric Chlorobutanes with 2-Methyltetrahydrofuran. <i>Journal of Chemical & Engineering Data</i> , 2003 , 48, 1296-1300	2.8	33
60	Vapor-Liquid Equilibrium and Volumetric Measurements for Binary Mixtures of 1,4-Dioxane with Isomeric Chlorobutanes. <i>Journal of Chemical & Engineering Data</i> , 2003 , 48, 887-891	2.8	20

59	Experimental values and ERAS model calculations for excess molar volumes and enthalpies of the ternary system 2-butanol + 1,3-dioxolane + cyclohexane. <i>Canadian Journal of Chemistry</i> , 2003 , 81, 357-363 ^{8,9}		17
58	Thermodynamic study of mixtures containing oxygenated compounds. <i>Journal of Molecular Liquids</i> , 2002 , 95, 157-165	6	28
57	Excess properties of the ternary system cyclohexane + 1,3-dioxolane + 1-butanol at 298.15 and 313.15 K. <i>Fluid Phase Equilibria</i> , 2002 , 202, 385-397	2.5	18
56	Isobaric vapour-liquid equilibrium of binary and ternary mixtures containing cyclohexane, n-hexane, 1,3-dioxolane and 1-butanol at 40.0 and 101.3 kPa. <i>Chemical Engineering Journal</i> , 2002 , 88, 1-9	14.7	14
55	Excess molar enthalpies of 1,3-dioxolane, or 1,4-dioxane with isomeric butanols. <i>Journal of Chemical Thermodynamics</i> , 2002 , 34, 1351-1360	2.9	29
54	Volumetric and Acoustic Properties of the Ternary Mixture 1-Butanol+1-Chlorobutane+Tetrahydrofuran at 283.15, 298.15, and 313.15 K. <i>International Journal of Thermophysics</i> , 2002 , 23, 1587-1598	2.1	10
53	Thermodynamic Properties of Isomeric Butanols with 2-Bromobutane. <i>Zeitschrift Fur Physikalische Chemie</i> , 2002 , 216,	3.1	1
52	Isobaric Vapour-Liquid Equilibrium of Some Cyclic Ethers with Bromobenzene at Several Pressures. <i>Physics and Chemistry of Liquids</i> , 2002 , 40, 715-725	1.5	7
51	LB films of TCNQ in a mixed valence state incorporated from the aqueous subphase: preparation and characterisation. <i>Synthetic Metals</i> , 2002 , 128, 7-14	3.6	3
50	Excess Molar Enthalpies for Isomeric Chlorobutanes with Isomeric Butanols. <i>Physics and Chemistry of Liquids</i> , 2001 , 39, 665-673	1.5	20
49	Isobaric vapour-liquid equilibrium for the binary mixtures of 2-methyl-2-propanol with some halohydrocarbons at 40.0 and 101.3 kPa. <i>Fluid Phase Equilibria</i> , 2001 , 192, 49-61	2.5	10
48	Excess Molar Enthalpies of Cyclic Ethers with Cyclohexane, Methylcyclohexane, or Chlorocyclohexane. <i>Journal of Solution Chemistry</i> , 2001 , 30, 795-805	1.8	16
47	Viscosities for Binary Mixtures of 1-Bromobutane and 1,4-Dibromobutane with Isomeric Butanols at 298.15 and 313.15 K. <i>International Journal of Thermophysics</i> , 2001 , 22, 1629-1642	2.1	17
46	Calorimetric Behaviour of Primary Bromobutanes with Isomeric Butanols. <i>Zeitschrift Fur Physikalische Chemie</i> , 2001 , 215,	3.1	11
45	Densities and Viscosities for the Binary Mixtures (2-Methyl-1-Chloropropane + Isomeric Butanol) at 298.15 and 313.15 K. <i>Physics and Chemistry of Liquids</i> , 2001 , 39, 739-752	1.5	14
44	Isobaric Vapour - Liquid Equilibrium for the Binary Systems Cycloalkane and Benzene with 1,3-Dioxolane. <i>Physics and Chemistry of Liquids</i> , 2000 , 38, 369-380	1.5	3
43	Speed of sound and isentropic compressibility of (1-butanol + n-hexane + 1-chlorobutane) and the constituent binary mixtures at the temperatures 298.15 K and 313.15 K. <i>Journal of Chemical Thermodynamics</i> , 2000 , 32, 155-173	2.9	18
42	Isobaric vapour-liquid equilibrium of binary mixtures of some cyclic ethers with chlorocyclohexane at 40.0 and 101.3 kPa. <i>Thermochimica Acta</i> , 2000 , 362, 153-160	2.9	14

41	Isentropic compressibilities of the ternary mixture (cyclohexane + tetrahydrofuran + chlorocyclohexane) at 298.15 and 313.15 K. <i>Journal of Molecular Liquids</i> , 2000 , 84, 313-325	6	7
40	Excess Molar Volumes of the Ternary Mixture (Cyclohexane+Tetrahydrofuran+Chlorocyclohexane) and the Binary Mixtures (Cyclohexane + Tetrahydrofuran and Cyclohexane + Chlorocyclohexane) at 298.15 and 313.15 K. <i>International Journal of Thermophysics</i> , 2000 , 21, 1185-1196	2.1	5
39	Viscosity Measurements for the Binary Mixtures of 1,2-Dichloroethane or 1,2-Dibromoethane with Isomeric Butanols. <i>Journal of Chemical & Engineering Data</i> , 2000 , 45, 86-91	2.8	33
38	Viscosities of the ternary mixture (cyclohexane+tetrahydrofuran+chlorocyclohexane) at 298.15 and 313.15 K. <i>Fluid Phase Equilibria</i> , 1999 , 164, 143-155	2.5	18
37	A LangmuirBlodgett film presenting a ferromagnetic state below 25 K. <i>Chemical Physics Letters</i> , 1999 , 302, 523-527	2.5	32
36	Thermodynamic and Transport Properties of Binary Mixtures Containing 1,3-Dioxolane. <i>International Journal of Thermophysics</i> , 1999 , 20, 1435-1448	2.1	23
35	Densities, speeds of sound, and isentropic compressibilities of a cyclic ether with chlorocyclohexane, or bromocyclohexane at the temperatures 298.15 K and 313.15 K. <i>Journal of Chemical Thermodynamics</i> , 1999 , 31, 139-149	2.9	47
34	Ferromagnetic LangmuirBlodgett Film Based on Prussian Blue. <i>Langmuir</i> , 1999 , 15, 289-292	4	92
33	Langmuir and LangmuirBlodgett Films of a Viologen Derivative. <i>Langmuir</i> , 1998 , 14, 7306-7312	4	24
32	Electrochemistry of LangmuirBlodgett Films Based on Prussian Blue. <i>Langmuir</i> , 1998 , 14, 6347-6349	4	41
31	Magnetic Langmuir-Blodgett Films. <i>Molecular Crystals and Liquid Crystals</i> , 1998 , 322, 91-98		3
30	Langmuir and LangmuirBlodgett Films of Amphiphilic and Nonamphiphilic TTF Derivatives and Their Mixtures. <i>Langmuir</i> , 1997 , 13, 4892-4897	4	20
29	Densities and Viscosities of Binary Mixtures of Some Cyclic Ethers + Chlorocyclohexane at 298.15 and 313.15 K. <i>Journal of Chemical & Engineering Data</i> , 1997 , 42, 1285-1289	2.8	23
28	VaporLiquid Equilibria for the Binary Systems of 1-Butanol with Some Halohydrocarbons at 40.0 and 101.3 kPa. <i>Journal of Chemical & Engineering Data</i> , 1997 , 42, 132-136	2.8	14
27	Excess volumes and excess viscosities of binary mixtures of cyclic ethers with bromobenzene. <i>Journal of Solution Chemistry</i> , 1997 , 26, 207-215	1.8	14
26	Vapour-liquid equilibrium for the binary systems of 2-methyl-1-propanol with some halohydrocarbons at 40.0 and 101.3 kPa. <i>Fluid Phase Equilibria</i> , 1997 , 134, 163-174	2.5	15
25	Isobaric vapour-liquid equilibrium for the binary systems of 2-butanol with some halohydrocarbons at 40.0 and 101.3 kPa. <i>Thermochimica Acta</i> , 1997 , 306, 85-92	2.9	4
24	Langmuir and LangmuirBlodgett Films of a Phosphorus Derivative. <i>Langmuir</i> , 1996 , 12, 5881-5887	4	28

23	Vapour-Liquid Equilibrium of the Ternary System (Benzene + Cyclohexane + Hexane) at 40.0 kPa AND 101.3 kPa. <i>Physics and Chemistry of Liquids</i> , 1996 , 31, 21-31	1.5	3
22	Excess volumes and excess viscosities of binary mixtures of some cyclic ethers + bromocyclohexane at 298.15 and 313.15 K. <i>International Journal of Thermophysics</i> , 1996 , 17, 1281-1288	2.1	17
21	Excess molar volumes of the ternary mixture $x_1\text{CH}_3(\text{CH}_2)_3\text{OH}+x_2\text{CH}_3(\text{CH}_2)_4\text{CH}_3(\text{CH}_2)_4\text{CH}_3+(1-x_1-x_2)\text{CH}_3(\text{CH}_2)_3\text{NH}_2$ at temperatures of 298.15 K and 313.15 K. <i>Journal of Chemical Thermodynamics</i> , 1996 , 28, 779-786	2.9	8
20	Excess isentropic compressibilities of halohydrocarbon + butanol mixture at 298.15 K. <i>Thermochimica Acta</i> , 1996 , 287, 25-34	2.9	10
19	Viscosities of 1-chlorobutane and 1,4-dichlorobutane with isomeric butanols at 25 and 40°C. <i>Journal of Solution Chemistry</i> , 1996 , 25, 303-313	1.8	23
18	Isobaric VLE data for the binary systems dibromomethane with isomeric butanols at 40.0 and 101.3 kPa. <i>Fluid Phase Equilibria</i> , 1995 , 108, 185-198	2.5	15
17	Isobaric VLE data for the binary systems 1,4-dichlorobutane with isomeric butanols at 40.0 and 101.3 kPa. <i>Thermochimica Acta</i> , 1995 , 261, 83-93	2.9	6
16	Excess Volumes and Excess Viscosities of Binary Mixtures of 2-Chlorobutane with Isomeric Butanols at 298.15 K. <i>Physics and Chemistry of Liquids</i> , 1995 , 29, 69-77	1.5	18
15	Isobaric Vapor-Liquid Equilibrium Measurements on 2-Chlorobutane + Isomeric Butanols at 60.0 and 101.3 kPa. <i>Journal of Chemical & Engineering Data</i> , 1995 , 40, 692-695	2.8	11
14	Isobaric VLE Data for the Binary Systems 1,3-Dichloropropane with Isomeric Butanols. <i>Physics and Chemistry of Liquids</i> , 1995 , 29, 135-144	1.5	9
13	Experimental and Predicted Isobaric Vapour-Liquid Equilibrium for the Binary Systems 1,2-Dibromoethane with Isomeric Butanols.. <i>Journal of Chemical Engineering of Japan</i> , 1995 , 28, 721-726 ^{0.8}		3
12	Excess isentropic compressibilities of (an isomer of chlorobutane + an isomer of butanol) at the temperature 298.15 K. <i>Journal of Chemical Thermodynamics</i> , 1995 , 27, 541-549	2.9	17
11	Excess and partial excess molar volumes of 1,4-dichlorobutane with butanols at 25 and 40°C. <i>Journal of Solution Chemistry</i> , 1994 , 23, 561-568	1.8	19
10	Excess volumes of (1-bromobutane + each of several isomers of butanol) at the temperatures 298.15 K and 313.15 K. <i>Journal of Chemical Thermodynamics</i> , 1994 , 26, 151-154	2.9	11
9	Excess volumes of (1,2-dichloroethane or 1,2-dibromoethane + butan-1-ol or butan-2-ol or 2-methylpropan-1-ol or 2-methylpropan-2-ol) at the temperatures 298.15 K and 313.15 K. <i>Journal of Chemical Thermodynamics</i> , 1994 , 26, 1173-1178	2.9	12
8	Viscosimetric study of binary mixtures of 1,3-dichloropropane with isomeric butanols. <i>Journal of Molecular Liquids</i> , 1994 , 62, 199-208	6	4
7	Excess volumes and excess viscosities of benzene with picolines. <i>Thermochimica Acta</i> , 1994 , 237, 35-41	2.9	15
6	Excess volumes and excess viscosities of binary mixtures of 2-chloro-2-methylpropane with isomeric butanols at 298.15 K. <i>Canadian Journal of Chemistry</i> , 1994 , 72, 1921-1925	0.9	27

5	Isobaric Vapor-Liquid Equilibria for Binary Mixtures of 1-Chlorobutane with Isomeric Butanols at 40.0 and 101.3 kPa. <i>Journal of Chemical & Engineering Data</i> , 1994 , 39, 729-732	2.8	29
4	Excess volumes of binary mixtures of 1,3-dichloropropane with isomeric butanols at 298.15 and 313.15 K. <i>Journal of Chemical & Engineering Data</i> , 1993 , 38, 554-555	2.8	20
3	Excess molar volumes of (an alkanediol + an alkanol) and of (dichloromethane + an alkanol or an alkanediol) at the temperature 303.15 K. <i>Journal of Chemical Thermodynamics</i> , 1993 , 25, 373-377	2.9	7
2	Excess molar volumes and vapour pressures of (benzene + each of several isomers of butanol). <i>Journal of Chemical Thermodynamics</i> , 1993 , 25, 679-685	2.9	12
1	Excess volumes and excess viscosities of binary mixtures of cyclohexane + picoline. <i>Thermochimica Acta</i> , 1993 , 230, 55-63	2.9	28