

Carlos Lafuente

List of Publications by Year in descending order

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204
papers

4,425
citations

126708

33
h-index

205818

48
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209
all docs

209
docs citations

209
times ranked

2229
citing authors

#	ARTICLE	IF	CITATIONS
1	Physicochemical properties of green solvents derived from biomass. <i>Green Chemistry</i> , 2011, 13, 2062.	4.6	146
2	Ferromagnetic Langmuir-Blodgett Film Based on Prussian Blue. <i>Langmuir</i> , 1999, 15, 289-292.	1.6	98
3	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.	1.4	93
4	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.	1.0	87
5	NMR study of choline chloride-based deep eutectic solvents. <i>Journal of Molecular Liquids</i> , 2019, 290, 111236.	2.3	87
6	Thermophysic Comparative Study of Two Isomeric Pyridinium-Based Ionic Liquids. <i>Journal of Physical Chemistry B</i> , 2008, 112, 3077-3084.	1.2	83
7	Anion Influence on Thermophysical Properties of Ionic Liquids: 1-Butylpyridinium Tetrafluoroborate and 1-Butylpyridinium Triflate. <i>Journal of Physical Chemistry B</i> , 2010, 114, 3601-3607.	1.2	80
8	Study of Weak Molecular Interactions through Thermodynamic Mixing Properties. <i>Journal of Physical Chemistry B</i> , 2006, 110, 17683-17690.	1.2	70
9	Surface tensions for isomeric chlorobutanes with isomeric butanols. <i>Journal of Colloid and Interface Science</i> , 2004, 275, 284-289.	5.0	69
10	Study of the conductivity behavior of pyridinium-based ionic liquids. <i>Electrochimica Acta</i> , 2010, 55, 2252-2257.	2.6	68
11	On the Viscosity of Pyridinium Based Ionic Liquids: An Experimental and Computational Study. <i>Journal of Physical Chemistry B</i> , 2011, 115, 12499-12513.	1.2	67
12	Volumetric and refractive properties of binary mixtures containing 1,4-dioxane and chloroalkanes. <i>Journal of Chemical Thermodynamics</i> , 2007, 39, 148-157.	1.0	53
13	Physicochemical Characterization of <i>n</i> -Butyl-3-methylpyridinium Dicyanamide Ionic Liquid. <i>Journal of Physical Chemistry B</i> , 2008, 112, 12461-12467.	1.2	52
14	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.	1.0	51
15	A comprehensive study of the thermophysical properties of reline and hydrated reline. <i>Journal of Molecular Liquids</i> , 2020, 303, 112679.	2.3	51
16	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.	2.7	51
17	Excess thermodynamic properties of isomeric butanols with 2-methyl-tetrahydrofuran. <i>Journal of Molecular Liquids</i> , 2003, 108, 303-311.	2.3	49
18	Electrochemistry of Langmuir-Blodgett Films Based on Prussian Blue. <i>Langmuir</i> , 1998, 14, 6347-6349.	1.6	45

#	ARTICLE	IF	CITATIONS
19	<i>P</i> - <i>T</i> Behavior of Several Chemicals from Biomass. <i>Energy & Fuels</i> , 2011, 25, 3009-3013.	2.5	44
20	Thermophysical Properties of Three Compounds from the Acrylate Family. <i>Journal of Chemical & Engineering Data</i> , 2013, 58, 1193-1202.	1.0	43
21	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.	1.0	42
22	Study of the Surface Tensions of Cyclohexane or Methylcyclohexane with Some Cyclic Ethers. <i>Journal of Solution Chemistry</i> , 2005, 34, 185-198.	0.6	41
23	Thermophysical Properties of <i>N</i> -Octyl-3-methylpyridinium Tetrafluoroborate. <i>Journal of Chemical & Engineering Data</i> , 2009, 54, 236-240.	1.0	39
24	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.	1.0	38
25	Aggregation Behavior of Pyridinium-Based Ionic Liquids in Aqueous Solution. <i>Journal of Solution Chemistry</i> , 2009, 38, 1622-1634.	0.6	38
26	Thermophysical Study of 1-Butyl-2-Methylpyridinium Tetrafluoroborate Ionic Liquid. <i>Journal of Physical Chemistry B</i> , 2009, 113, 11936-11942.	1.2	37
27	Physicochemical Study of <i>n</i> -Ethylpyridinium bis(trifluoromethylsulfonyl)imide Ionic Liquid. <i>Journal of Solution Chemistry</i> , 2014, 43, 696-710.	0.6	37
28	Viscosities of Binary Mixtures of Isomeric Butanols or Isomeric Chlorobutanes with 2-Methyltetrahydrofuran. <i>Journal of Chemical & Engineering Data</i> , 2003, 48, 1296-1300.	1.0	36
29	Study of the Temperature Dependence of Surface Tensions of Some Alkanol + Hexane Mixtures. <i>Journal of Chemical & Engineering Data</i> , 2007, 52, 1904-1907.	1.0	36
30	Thermophysical properties of lactates. <i>Thermochimica Acta</i> , 2014, 575, 305-312.	1.2	36
31	Study of the Surface Tension of Chlorocyclohexane or Bromocyclohexane with Some Cyclic Ethers. <i>Journal of Chemical & Engineering Data</i> , 2005, 50, 1334-1337.	1.0	35
32	Refractive indices and molar refractions for isomeric chlorobutanes with isomeric butanols. <i>Physics and Chemistry of Liquids</i> , 2005, 43, 13-23.	0.4	35
33	Thermophysical study of methyl levulinate. <i>Journal of Chemical Thermodynamics</i> , 2013, 65, 34-41.	1.0	35
34	Thermodynamic study of mixtures containing oxygenated compounds. <i>Journal of Molecular Liquids</i> , 2002, 95, 157-165.	2.3	34
35	Viscosimetric Study of Some Cyclic Ethers with Benzene, Toluene, or Halobenzene. <i>Journal of Solution Chemistry</i> , 2004, 33, 1119-1133.	0.6	34
36	A Langmuir-Blodgett film presenting a ferromagnetic state below 25 K. <i>Chemical Physics Letters</i> , 1999, 302, 523-527.	1.2	33

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37	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.	1.0	33
38	Thermophysical study of the n-hexane or n-heptane with 1-chloropropane systems. <i>Thermochimica Acta</i> , 2011, 525, 71-77.	1.2	33
39	Thermophysical properties of 1-propylpyridinium tetrafluoroborate. <i>Journal of Chemical Thermodynamics</i> , 2012, 44, 148-153.	1.0	33
40	Excess volumes and excess viscosities of binary mixtures of cyclohexane + picoline. <i>Thermochimica Acta</i> , 1993, 230, 55-63.	1.2	32
41	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.	2.0	32
42	Excess molar enthalpies of 1,3-dioxolane, or 1,4-dioxane with isomeric butanols. <i>Journal of Chemical Thermodynamics</i> , 2002, 34, 1351-1360.	1.0	30
43	Proton Sponge and Fatty Acid Interactions at the Air-Water Interface. <i>Thermodynamic, Spectroscopic, and Microscopic Study</i> . <i>Langmuir</i> , 2005, 21, 2796-2803.	1.6	30
44	Thermodynamic study of binary mixtures containing 1-butylpyridinium tetrafluoroborate and methanol, or ethanol. <i>Journal of Chemical Thermodynamics</i> , 2010, 42, 1500-1505.	1.0	30
45	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.	0.6	29
46	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.	1.0	29
47	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.	1.0	29
48	Experimental and Theoretical Study of Two Pyridinium-Based Ionic Liquids. <i>Journal of Solution Chemistry</i> , 2012, 41, 1836-1852.	0.6	29
49	Volumetric characterization of pyridinium-based ionic liquids. <i>Fluid Phase Equilibria</i> , 2012, 317, 102-109.	1.4	29
50	Thermodynamic properties of binary mixtures combining two pyridinium-based ionic liquids and two alkanols. <i>Journal of Chemical Thermodynamics</i> , 2012, 51, 17-24.	1.0	29
51	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.	1.0	29
52	Hydrophobic eutectic solvents: Thermophysical study and application in removal of pharmaceutical products from water. <i>Chemical Engineering Journal</i> , 2021, 411, 128472.	6.6	29
53	Langmuir and Langmuir-Blodgett Films of a Phosphorus Derivative. <i>Langmuir</i> , 1996, 12, 5881-5887.	1.6	28
54	Thermophysical study of 1,4-dioxane with cycloalkane mixtures. <i>Journal of Chemical Thermodynamics</i> , 2006, 38, 871-878.	1.0	28

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55	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.	1.2	28
56	Thermodynamic and Transport Properties of Binary Mixtures Containing 1,3-Dioxolane. <i>International Journal of Thermophysics</i> , 1999, 20, 1435-1448.	1.0	27
57	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.	2.3	27
58	Thermophysical study of the furan family. <i>Thermochimica Acta</i> , 2015, 617, 54-64.	1.2	27
59	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.	0.4	26
60	Thermophysical properties of the binary mixtures of 2-methyl-tetrahydrofuran with benzene and halobenzenes. <i>Thermochimica Acta</i> , 2005, 439, 1-7.	1.2	26
61	Surface Behavior of the 1-Bromobutane with Isomeric Butanol Mixtures. <i>Journal of Physical Chemistry B</i> , 2005, 109, 23096-23102.	1.2	26
62	Experimental and Predicted Kinematic Viscosities for Alkane + Chloroalkane Mixtures. <i>Journal of Chemical & Engineering Data</i> , 2011, 56, 3133-3141.	1.0	26
63	Viscosimetric Study of Binary Mixtures Containing Pyridinium-Based Ionic Liquids and Alkanols. <i>Journal of Chemical & Engineering Data</i> , 2012, 57, 3549-3556.	1.0	26
64	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.	0.6	25
65	Langmuir and Langmuir-Blodgett Films of a Viologen Derivative. <i>Langmuir</i> , 1998, 14, 7306-7312.	1.6	25
66	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.	0.8	25
67	Isentropic and Excess Isentropic Compressibilities of Binary Mixtures Containing Cyclic Ethers and Chloroalkanes. <i>Journal of Solution Chemistry</i> , 2007, 36, 375-386.	0.6	25
68	Ionic Conductivities of Binary Mixtures Containing Pyridinium-Based Ionic Liquids and Alkanols. <i>Journal of Chemical & Engineering Data</i> , 2013, 58, 1613-1620.	1.0	25
69	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.	2.9	25
70	Correlation of the volumetric behaviour of pyridinium-based ionic liquids with two different equations. <i>Thermochimica Acta</i> , 2012, 531, 21-27.	1.2	24
71	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.	2.3	24
72	Characterization of xylitol or citric acid:choline chloride:water mixtures: Structure, thermophysical properties, and quercetin solubility. <i>Food Chemistry</i> , 2020, 306, 125610.	4.2	24

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73	Excess Molar Enthalpies for Isomeric Chlorobutanes with Isomeric Butanols. <i>Physics and Chemistry of Liquids</i> , 2001, 39, 665-673.	0.4	23
74	Isothermal vapour-liquid equilibrium for cyclic ethers with 1-chloropentane. <i>Fluid Phase Equilibria</i> , 2007, 251, 8-16.	1.4	23
75	Surface study of binary mixtures containing chlorinated and oxygenated compounds. <i>Journal of Molecular Liquids</i> , 2013, 181, 1-7.	2.3	23
76	Thermophysical Properties of the Binary Mixture 1-Propylpyridinium Tetrafluoroborate with Methanol. <i>Journal of Chemical & Engineering Data</i> , 2014, 59, 1564-1573.	1.0	23
77	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.	1.0	22
78	Viscosities of the ternary mixture (cyclohexane+tetrahydrofuran+chlorocyclohexane) at 298.15 and 313.15 K. <i>Fluid Phase Equilibria</i> , 1999, 164, 143-155.	1.4	22
79	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.	0.6	21
80	Langmuir and Langmuir-Blodgett Films of Amphiphilic and Nonamphiphilic TTF Derivatives and Their Mixtures. <i>Langmuir</i> , 1997, 13, 4892-4897.	1.6	21
81	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.	1.0	21
82	Kinematic Viscosities for Ether + Alkane Mixtures: Experimental Results and UNIFAC-VISCO Parameters. <i>International Journal of Thermophysics</i> , 2008, 29, 457-467.	1.0	21
83	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.	1.0	20
84	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.	1.4	20
85	Thermodynamic properties of binary mixtures formed by cyclic ethers and chloroalkanes. <i>Journal of Thermal Analysis and Calorimetry</i> , 2007, 90, 587-595.	2.0	20
86	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.	1.0	19
87	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.	1.0	19
88	Thermophysical Properties of Mixtures of Tetrahydropyran with Chlorobutanes. <i>International Journal of Thermophysics</i> , 2006, 27, 1406-1418.	1.0	19
89	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.	0.6	19
90	Thermophysical Properties of Furfural Compounds. <i>Journal of Chemical & Engineering Data</i> , 2014, 59, 329-338.	1.0	19

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91	Excess Molar Enthalpies of Cyclic Ethers with Cyclohexane, Methylcyclohexane, or Chlorocyclohexane. <i>Journal of Solution Chemistry</i> , 2001, 30, 795-805.	0.6	18
92	Title is missing!. <i>International Journal of Thermophysics</i> , 2001, 22, 1629-1642.	1.0	18
93	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.	0.6	18
94	Volumetric, acoustic and refractive properties at several temperatures of dibutyl ether+1-chlorobutane system. <i>Journal of Molecular Liquids</i> , 2009, 150, 73-76.	2.3	18
95	Viscosities of Binary Mixtures Containing Isomeric Chlorobutanes and Diisopropylether: Experimental and Predicted Values. <i>International Journal of Thermophysics</i> , 2010, 31, 488-501.	1.0	18
96	Surface Tension of Mixtures of Tetrahydrofuran or Tetrahydropyran with Isomeric Chlorobutanes. <i>International Journal of Thermophysics</i> , 2007, 28, 1188-1198.	1.0	17
97	Thermodynamic properties of tetrahydrofuran or tetrahydropyran with 1-chlorohexane. <i>Journal of Molecular Liquids</i> , 2008, 139, 138-142.	2.3	17
98	Surface and bulk behaviour of some (n-hexane+chloroalkane) mixtures. <i>Journal of Chemical Thermodynamics</i> , 2009, 41, 553-559.	1.0	17
99	L-menthol-based eutectic solvents: Characterization and application in the removal of drugs from water. <i>Journal of Molecular Liquids</i> , 2022, 352, 118754.	2.3	17
100	Excess volumes and excess viscosities of benzene with picolines. <i>Thermochimica Acta</i> , 1994, 237, 35-41.	1.2	16
101	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.	1.4	16
102	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.	0.4	16
103	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.	6.6	16
104	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, 9588-9597.	1.2	16
105	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.	1.4	16
106	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.	1.0	16
107	Structure and properties of two glucose-based deep eutectic systems. <i>Food Chemistry</i> , 2021, 336, 127717.	4.2	16
108	Excess volumes of (1,2-dichloroethane or 1,2-dibromoethane + butan-1-ol or butan-2-ol or) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td (<i>Chemical Thermodynamics</i> , 1994, 26, 1173-1178.	1.0	15

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109	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.	1.4	15
110	Vapor-Liquid 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.	1.0	15
111	Excess volumes and excess viscosities of binary mixtures of cyclic ethers with bromobenzene. <i>Journal of Solution Chemistry</i> , 1997, 26, 207-215.	0.6	15
112	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.	1.2	15
113	Study of tetrahydropyran-chlorobutane VLE using the β - γ and γ - β approaches. <i>Fluid Phase Equilibria</i> , 2005, 232, 50-56.	1.4	15
114	Intermolecular potential model parameters for cyclic ethers and chloroalkanes in the SAFT-VR approach. <i>Fluid Phase Equilibria</i> , 2007, 255, 200-206.	1.4	15
115	Self-aggregation of liquids from biomass in aqueous solution. <i>Journal of Chemical Thermodynamics</i> , 2013, 66, 131-136.	1.0	15
116	Refractive properties of binary mixtures containing pyridinium-based ionic liquids and alkanols. <i>Thermochimica Acta</i> , 2013, 572, 39-44.	1.2	15
117	The p^{∞} behaviour of the lactate family. <i>Journal of Chemical Thermodynamics</i> , 2013, 58, 8-13.	1.0	15
118	Thermophysical characterization of 1-ethylpyridinium triflate and comparison with similar ionic liquids. <i>Journal of Chemical Thermodynamics</i> , 2016, 103, 395-402.	1.0	15
119	Thermodynamic study of 2-methyl-tetrahydrofuran with isomeric chlorobutanes. <i>Thermochimica Acta</i> , 2005, 429, 233-239.	1.2	14
120	Experimental and Predicted Vapor-Liquid Equilibrium for Cyclic Ethers with 1-Chloropentane. <i>Industrial & Engineering Chemistry Research</i> , 2005, 44, 6981-6988.	1.8	14
121	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, 588-596.	5.0	14
122	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.	1.0	14
123	Excess molar volumes and vapour pressures of (benzene + each of several isomers of butanol). <i>Journal of Chemical Thermodynamics</i> , 1993, 25, 679-685.	1.0	13
124	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.	1.0	13
125	Title is missing!. <i>International Journal of Thermophysics</i> , 2002, 23, 1587-1598.	1.0	13
126	Surface study of mixtures containing cyclic ethers and isomeric chlorobutanes. <i>Journal of Chemical Thermodynamics</i> , 2007, 39, 791-797.	1.0	13

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127	Refractive Indices of the Ternary Mixtures Butanol + n-Hexane + 1-Chlorobutane. <i>Journal of Solution Chemistry</i> , 2008, 37, 1499-1510.	0.6	13
128	Experimental and Predicted Viscosities of Binary Mixtures Containing Chlorinated and Oxygenated Compounds. <i>International Journal of Thermophysics</i> , 2013, 34, 34-46.	1.0	13
129	Thermophysical study of the binary mixtures of N,N-dimethylacetamide with 2-propanol and 2-butanol. <i>Thermochimica Acta</i> , 2017, 655, 169-175.	1.2	13
130	Thermophysical study of 2-acetylthiophene: Experimental and modelled results. <i>Fluid Phase Equilibria</i> , 2017, 433, 126-134.	1.4	12
131	Excess molar volumes of (an alkanediol + an alkanol) and of (dichloromethane + an alkanol or an) Tj ETQq1 1 0.784314 rgBT /Overlo	1.0	11
132	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.	1.0	11
133	Calorimetric Behaviour of Primary Bromobutanes with Isomeric Butanols. <i>Zeitschrift Fur Physikalische Chemie</i> , 2001, 215, .	1.4	11
134	Excess molar volumes and enthalpies of the ternary system (2-butanol + 1,3-dioxolane + n-hexane) at 298.15 and 313.15K. <i>Thermochimica Acta</i> , 2004, 423, 49-55.	1.2	11
135	Experimental and predicted vapour-liquid equilibrium of 1,4-dioxane with cycloalkanes and benzene. <i>Fluid Phase Equilibria</i> , 2005, 238, 1-6.	1.4	11
136	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, 144513.	1.2	11
137	Vapour-liquid equilibrium of cyclic ethers with 1-chlorohexane: Experimental results and UNIFAC predictions. <i>Fluid Phase Equilibria</i> , 2007, 257, 70-77.	1.4	11
138	Supramolecular Architecture in Langmuir Films of a Luminescent Ionic Liquid Crystal. <i>Journal of Physical Chemistry C</i> , 2009, 113, 18827-18834.	1.5	11
139	Excess isentropic compressibilities of halohydrocarbon + butanol mixture at 298.15 K. <i>Thermochimica Acta</i> , 1996, 287, 25-34.	1.2	10
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141	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.	2.0	10
142	Thermophysical properties of two binary aqueous mixtures containing a pyridinium-based ionic liquid. <i>Journal of Chemical Thermodynamics</i> , 2016, 99, 116-123.	1.0	10
143	Isobaric VLE Data for the Binary Systems 1,3-Dichloropropane with Isomeric Butanols. <i>Physics and Chemistry of Liquids</i> , 1995, 29, 135-144.	0.4	9
144	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.	1.0	9

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149	Experimental and modeled volumetric behavior of linear and branched ethers. <i>Fluid Phase Equilibria</i> , 2016, 417, 7-18.	1.4	9
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151	Title is missing!. <i>International Journal of Thermophysics</i> , 2000, 21, 1185-1196.	1.0	8
152	(Vapour+liquid) equilibrium of binary mixtures (1,3-dioxolane or 1,4-dioxane+2-methyl-1-propanol or) $T_j \text{ ETQq0 0 0 rgBT /Overlock 10 Tf 50 222 Td (chloro}$	1.0	8
153	Vapour-liquid equilibrium and azeotropic behaviour of 1,2-dichloroethane with isomeric butanols. <i>Fluid Phase Equilibria</i> , 2004, 225, 77-83.	1.4	8
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155	Volumetric Properties of Short-Chain Chloroalkanes. <i>Journal of Chemical & Engineering Data</i> , 2012, 57, 2076-2083.	1.0	8
156	Experimental and VTPR-predicted volumetric properties of branched hexanes. <i>Fluid Phase Equilibria</i> , 2013, 338, 141-147.	1.4	8
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159	Isobaric Vapour-Liquid Equilibrium of Some Cyclic Ethers with Bromobenzene at Several Pressures. <i>Physics and Chemistry of Liquids</i> , 2002, 40, 715-725.	0.4	7
160	Thermophysical properties of oxygenated thiophene derivatives: Experimental data and modelling. <i>Journal of Chemical Thermodynamics</i> , 2017, 113, 330-339.	1.0	7
161	Volumetric and acoustic behaviour of myo-inositol in aqueous Natural Deep Eutectic Solvent solutions. <i>Journal of Molecular Liquids</i> , 2018, 258, 106-113.	2.3	7
162	Toxicological study of some ionic liquids. <i>Green Processing and Synthesis</i> , 2018, 7, 287-295.	1.3	7

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