Carlos Lafuente

List of Publications by Year
in descending order

204 papers	4,425 citations	126907 33 h-index	206112 48 g-index
209 all docs	209 docs citations	209 times ranked	2229 citing authors

#	Article	IF	Citations
1	Physicochemical properties of green solvents derived from biomass. Green Chemistry, 2011, 13, 2062.	9.0	146
2	Ferromagnetic Langmuirâ˜Blodgett Film Based on Prussian Blue. Langmuir, 1999, 15, 289-292.	3.5	98
3	Thermophysical characterization of the deep eutectic solvent choline chloride:ethylene glycol and one of its mixtures with water. Fluid Phase Equilibria, 2019, 492, 1-9.	2.5	93
4	The NADES glyceline as a potential Green Solvent: A comprehensive study of its thermophysical properties and effect of water inclusion. Journal of Chemical Thermodynamics, 2019, 128, 164-172.	2.0	87
5	NMR study of choline chloride-based deep eutectic solvents. Journal of Molecular Liquids, 2019, 290, 111236.	4.9	87
6	Thermophysic Comparative Study of Two Isomeric Pyridinium-Based Ionic Liquids. Journal of Physical Chemistry B, 2008, 112, 3077-3084.	2.6	83
7	Anion Influence on Thermophysical Properties of Ionic Liquids: 1-Butylpyridinium Tetrafluoroborate and 1-Butylpyridinium Triflate. Journal of Physical Chemistry B, 2010, 114, 3601-3607.	2.6	80
8	Study of Weak Molecular Interactions through Thermodynamic Mixing Properties. Journal of Physical Chemistry B, 2006, 110, 17683-17690.	2.6	70
9	Surface tensions for isomeric chlorobutanes with isomeric butanols. Journal of Colloid and Interface Science, 2004, 275, 284-289.	9.4	69
10	Study of the conductivity behavior of pyridinium-based ionic liquids. Electrochimica Acta, 2010, 55, 2252-2257.	5.2	68
11	On the Viscosity of Pyridinium Based Ionic Liquids: An Experimental and Computational Study. Journal of Physical Chemistry B, 2011, 115, 12499-12513.	2.6	67
12	Volumetric and refractive properties of binary mixtures containing 1,4-dioxane and chloroalkanes. Journal of Chemical Thermodynamics, 2007, 39, 148-157.	2.0	53
13	Physicochemical Characterization of n-Butyl-3-methylpyridinium Dicyanamide Ionic Liquid. Journal of Physical Chemistry B, 2008, 112, 12461-12467.	2.6	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. Journal of Chemical Thermodynamics, 1999, 31, 139-149.	2.0	51
15	A comprehensive study of the thermophysical properties of reline and hydrated reline. Journal of Molecular Liquids, 2020, 303, 112679.	4.9	51
16	Ecotoxicity and biodegradability of pure and aqueous mixtures of deep eutectic solvents: glyceline, ethaline, and reline. Environmental Science and Pollution Research, 2021, 28, 8812-8821.	5.3	51
17	Excess thermodynamic properties of isomeric butanols with 2-methyl-tetrahydrofuran. Journal of Molecular Liquids, 2003, 108, 303-311.	4.9	49
18	Electrochemistry of Langmuirâ˜Blodgett Films Based on Prussian Blue. Langmuir, 1998, 14, 6347-6349.	3.5	45

#	Article	IF	Citations
19	PÏT Behavior of Several Chemicals from Biomass. Energy & Fuels, 2011, 25, 3009-3013.	5.1	44
20	Thermophysical Properties of Three Compounds from the Acrylate Family. Journal of Chemical & Engineering Data, 2013, 58, 1193-1202.	1.9	43
21	Speeds of Sound and Isentropic Compressibilities of Binary Mixtures Containing Cyclic Ethers and Haloalkanes at 298.15 and 313.15 K. International Journal of Thermophysics, 2004, 25, 1735-1746.	2.1	42
22	Study of the Surface Tensions of Cyclohexane or Methylcyclohexane with Some Cyclic Ethers. Journal of Solution Chemistry, 2005, 34, 185-198.	1.2	41
23	Thermophysical Properties of N-Octyl-3-methylpyridinium Tetrafluoroborate. Journal of Chemical & Engineering Data, 2009, 54, 236-240.	1.9	39
24	Viscosity Measurements for the Binary Mixtures of 1,2-Dichloroethane or 1,2-Dibromoethane with Isomeric Butanols. Journal of Chemical & Engineering Data, 2000, 45, 86-91.	1.9	38
25	Aggregation Behavior of Pyridinium-Based Ionic Liquids in Aqueous Solution. Journal of Solution Chemistry, 2009, 38, 1622-1634.	1.2	38
26	Thermophysical Study of 1-Butyl-2-Methylpyridinium Tetrafluoroborate Ionic Liquid. Journal of Physical Chemistry B, 2009, 113, 11936-11942.	2.6	37
27	Physicochemical Study of n-Ethylpyridinium bis(trifluoromethylsulfonyl)imide Ionic Liquid. Journal of Solution Chemistry, 2014, 43, 696-710.	1.2	37
28	Viscosities of Binary Mixtures of Isomeric Butanols or Isomeric Chlorobutanes with 2-Methyltetrahydrofuran. Journal of Chemical & Engineering Data, 2003, 48, 1296-1300.	1.9	36
29	Study of the Temperature Dependence of Surface Tensions of Some Alkanol + Hexane Mixtures. Journal of Chemical & Engineering Data, 2007, 52, 1904-1907.	1.9	36
30	Thermophysical properties of lactates. Thermochimica Acta, 2014, 575, 305-312.	2.7	36
31	Study of the Surface Tension of Chlorocyclohexane or Bromocyclohexane with Some Cyclic Ethers. Journal of Chemical & Engineering Data, 2005, 50, 1334-1337.	1.9	35
32	Refractive indices and molar refractions for isomeric chlorobutanes with isomeric butanols. Physics and Chemistry of Liquids, 2005, 43, 13-23.	1.2	35
33	Thermophysical study of methyl levulinate. Journal of Chemical Thermodynamics, 2013, 65, 34-41.	2.0	35
34	Thermodynamic study of mixtures containing oxygenated compounds. Journal of Molecular Liquids, 2002, 95, 157-165.	4.9	34
35	Viscosimetric Study of Some Cyclic Ethers with Benzene, Toluene, or Halobenzene. Journal of Solution Chemistry, 2004, 33, 1119-1133.	1.2	34
36	A Langmuirâ€"Blodgett film presenting a ferromagnetic state below 25 K. Chemical Physics Letters, 1999, 302, 523-527.	2.6	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. Journal of Chemical & Engineering Data, 2006, 51, 1321-1325.	1.9	33
38	Thermophysical study of the n-hexane or n-heptane with 1-chloropropane systems. Thermochimica Acta, 2011, 525, 71-77.	2.7	33
39	Thermophysical properties of 1-propylpyridinium tetrafluoroborate. Journal of Chemical Thermodynamics, 2012, 44, 148-153.	2.0	33
40	Excess volumes and excess viscosities of binary mixtures of cyclohexane + picoline. Thermochimica Acta, 1993, 230, 55-63.	2.7	32
41	Volumetric and refractive properties of binary mixtures containing 1,3-dioxolane and isomeric chlorobutanes. Journal of Thermal Analysis and Calorimetry, 2006, 83, 735-745.	3.6	32
42	Excess molar enthalpies of 1,3-dioxolane, or 1,4-dioxane with isomeric butanols. Journal of Chemical Thermodynamics, 2002, 34, 1351-1360.	2.0	30
43	Proton Sponge and Fatty Acid Interactions at the Airâˆ’Water Interface. Thermodynamic, Spectroscopic, and Microscopic Study. Langmuir, 2005, 21, 2796-2803.	3.5	30
44	Thermodynamic study of binary mixtures containing 1-butylpyridinium tetrafluoroborate and methanol, or ethanol. Journal of Chemical Thermodynamics, 2010, 42, 1500-1505.	2.0	30
45	Excess volumes and excess viscosities of binary mixtures of 2-chloro-2-methylpropane with isomeric butanols at 298.15â€‚K. Canadian Journal of Chemistry, 1994, 72, 1921-1925.	1.1	29
46	Isobaric Vapor-Liquid Equilibria for Binary Mixtures of 1-Chlorobutane with Isomeric Butanols at 40.0 and 101.3 kPa. Journal of Chemical & Engineering Data, 1994, 39, 729-732.	1.9	29
47	Densities and Viscosities of Binary Mixtures of Some Cyclic Ethers + Chlorocyclohexane at 298.15 and 313.15 K. Journal of Chemical & Engineering Data, 1997, 42, 1285-1289.	1.9	29
48	Experimental and Theoretical Study of Two Pyridinium-Based Ionic Liquids. Journal of Solution Chemistry, 2012, 41, 1836-1852.	1.2	29
49	Volumetric characterization of pyridinium-based ionic liquids. Fluid Phase Equilibria, 2012, 317, 102-109.	2.5	29
50	Thermodynamic properties of binary mixtures combining two pyridinium-based ionic liquids and two alkanols. Journal of Chemical Thermodynamics, 2012, 51, 17-24.	2.0	29
51	Density, Speed of Sound, Refractive Index, and Viscosity of the Binary Mixtures of N,N-dimethylacetamide with Methanol and Ethanol. Journal of Chemical & Engineering Data, 2016, 61, 2946-2953.	1.9	29
52	Hydrophobic eutectic solvents: Thermophysical study and application in removal of pharmaceutical products from water. Chemical Engineering Journal, 2021, 411, 128472.	12.7	29
53	Langmuir and Langmuirâˆ’Blodgett Films of a Phosphorus Derivative. Langmuir, 1996, 12, 5881-5887.	3.5	28
54	Thermophysical study of 1,4-dioxane with cycloalkane mixtures. Journal of Chemical Thermodynamics, 2006, 38, 871-878.	2.0	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. Thermochimica Acta, 2009, 484, 22-26.	2.7	28
56	Thermodynamic and Transport Properties of Binary Mixtures Containing 1,3-Dioxolane. International Journal of Thermophysics, 1999, 20, 1435-1448.	2.1	27
57	Viscosities of binary mixtures of 1,3-dioxolane or 1,4-dioxane with isomeric chlorobutanes. Journal of Molecular Liquids, 2006, 129, 176-180.	4.9	27
58	Thermophysical study of the furan family. Thermochimica Acta, 2015, 617, 54-64.	2.7	27
59	Excess Volumes and Excess Viscosities of Binary Mixtures of 2-Chlorobutane with Isomeric Butanols at 298.15 K. Physics and Chemistry of Liquids, 1995, 29, 69-77.	1.2	26
60	Thermophysical properties of the binary mixtures of 2-methyl-tetrahydrofuran with benzene and halobenzenes. Thermochimica Acta, 2005, 439, 1-7.	2.7	26
61	Surface Behavior of the 1-Bromobutane with Isomeric Butanol Mixtures. Journal of Physical Chemistry B, 2005, 109, 23096-23102.	2.6	26
62	Experimental and Predicted Kinematic Viscosities for Alkane + Chloroalkane Mixtures. Journal of Chemical & Engineering Data, 2011, 56, 3133-3141.	1.9	26
63	Viscosimetric Study of Binary Mixtures Containing Pyridinium-Based Ionic Liquids and Alkanols. Journal of Chemical & Engineering Data, 2012, 57, 3549-3556.	1.9	26
64	Viscosities of 1-chlorobutane and 1,4-dichlorobutane with isomeric butanols at 25 and 40ï¿½C. Journal of Solution Chemistry, 1996, 25, 303-313.	1.2	25
65	Langmuir and Langmuirâˆ'Blodgett Films of a Viologen Derivative. Langmuir, 1998, 14, 7306-7312.	3.5	25
66	Hybrid Langmuir and Langmuirâ€"Blodgett films of a viologen derivative and TCNQ in a mixed valence state: preparation route and characterization. Surface Science, 2004, 563, 27-40.	1.9	25
67	Isentropic and Excess Isentropic Compressibilities of Binary Mixtures Containing Cyclic Ethers and Chloroalkanes. Journal of Solution Chemistry, 2007, 36, 375-386.	1.2	25
68	Ionic Conductivities of Binary Mixtures Containing Pyridinium-Based Ionic Liquids and Alkanols. Journal of Chemical & Engineering Data, 2013, 58, 1613-1620.	1.9	25
69	QSAR study for predicting the ecotoxicity of NADES towards Aliivibrio fischeri. Exploring the use of mixing rules. Ecotoxicology and Environmental Safety, 2020, 191, 110004.	6.0	25
70	Correlation of the volumetric behaviour of pyridinium-based ionic liquids with two different equations. Thermochimica Acta, 2012, 531, 21-27.	2.7	24
71	Thermophysical study of the binary mixtures of N , N -dimethylacetamide with 1-propanol and 1-butanol. Journal of Molecular Liquids, 2017, 231, 168-173.	4.9	24
72	Characterization of xylitol or citric acid:choline chloride:water mixtures: Structure, thermophysical properties, and quercetin solubility. Food Chemistry, 2020, 306, 125610.	8.2	24

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73	Excess Molar Enthalpies for Isomeric Chlorobutanes with Isomeric Butanols. Physics and Chemistry of Liquids, 2001, 39, 665-673.	1.2	23
74	Isothermal vapourâ€"liquid equilibrium for cyclic ethers with 1-chloropentane. Fluid Phase Equilibria, 2007, 251, 8-16.	2.5	23
75	Surface study of binary mixtures containing chlorinated and oxygenated compounds. Journal of Molecular Liquids, 2013, 181, 1-7.	4.9	23
76	Thermophysical Properties of the Binary Mixture 1-Propylpyridinium Tetrafluoroborate with Methanol. Journal of Chemical & Engineering Data, 2014, 59, 1564-1573.	1.9	23
77	Excess volumes of binary mixtures of 1,3-dichloropropane with isomeric butanols at 298.15 and 313.15 K. Journal of Chemical & Engineering Data, 1993, 38, 554-555.	1.9	22
78	Viscosities of the ternary mixture (cyclohexane+tetrahydrofuran+chlorocyclohexane) at 298.15 and 313.15 K. Fluid Phase Equilibria, 1999, 164, 143-155.	2.5	22
79	Excess and partial excess molar volumes of 1,4-dichlorobutane with butanols at 25 and 40ï¿½C. Journal of Solution Chemistry, 1994, 23, 561-568.	1.2	21
80	Langmuir and Langmuirâˆ'Blodgett Films of Amphiphilic and Nonamphiphilic TTF Derivatives and Their Mixtures. Langmuir, 1997, 13, 4892-4897.	3.5	21
81	Vaporâˆ'Liquid Equilibrium and Volumetric Measurements for Binary Mixtures of 1,4-Dioxane with Isomeric Chlorobutanes. Journal of Chemical & Engineering Data, 2003, 48, 887-891.	1.9	21
82	Kinematic Viscosities for Ether + Alkane Mixtures: Experimental Results and UNIFAC-VISCO Parameters. International Journal of Thermophysics, 2008, 29, 457-467.	2.1	21
83	Excess isentropic compressibilities of (an isomer of chlorobutane + an isomer of butanol) at the temperature 298.15 K. Journal of Chemical Thermodynamics, 1995, 27, 541-549.	2.0	20
84	Excess properties of the ternary system cyclohexane + 1,3-dioxolane + 1-butanol at 298.15 and 313.15 K. Fluid Phase Equilibria, 2002, 202, 385-397.	2.5	20
85	Thermodynamic properties of binary mixtures formed by cyclic ethers and chloroalkanes. Journal of Thermal Analysis and Calorimetry, 2007, 90, 587-595.	3.6	20
86	Excess volumes and excess viscosities of binary mixtures of some cyclic ethers + bromocyclohexane at 298.15 and 313.15 K. International Journal of Thermophysics, 1996, 17, 1281-1288.	2.1	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. Journal of Chemical Thermodynamics, 2000, 32, 155-173.	2.0	19
88	Thermophysical Properties of Mixtures of Tetrahydropyran with Chlorobutanes. International Journal of Thermophysics, 2006, 27, 1406-1418.	2.1	19
89	Study of the Surface Tensions of Binary Mixtures of Isomeric Chlorobutanes with Methyl tert-Butyl Ether. Journal of Solution Chemistry, 2011, 40, 1173-1186.	1.2	19
90	Thermophysical Properties of Furfural Compounds. Journal of Chemical & Engineering Data, 2014, 59, 329-338.	1.9	19

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91	Excess Molar Enthalpies of Cyclic Ethers with Cyclohexane, Methylcyclohexane, or Chlorocyclohexane. Journal of Solution Chemistry, 2001, 30, 795-805.	1.2	18
92	Title is missing!. International Journal of Thermophysics, 2001, 22, 1629-1642.	2.1	18
93	Experimental values and ERAS model calculations for excess molar volumes and enthalpies of the ternary system 2-butanol + 1,3-dioxolane + cyclohexane. Canadian Journal of Chemistry, 2003, 81, 357-363.	1.1	18
94	Volumetric, acoustic and refractive properties at several temperatures of dibutyl ether+1-chlorobutane system. Journal of Molecular Liquids, 2009, 150, 73-76.	4.9	18
95	Viscosities of Binary Mixtures Containing Isomeric Chlorobutanes and Diisopropylether: Experimental and Predicted Values. International Journal of Thermophysics, 2010, 31, 488-501.	2.1	18
96	Surface Tension of Mixtures of Tetrahydrofuran or Tetrahydropyran with Isomeric Chlorobutanes. International Journal of Thermophysics, 2007, 28, 1188-1198.	2.1	17
97	Thermodynamic properties of tetrahydrofuran or tetrahydropyran with 1-chlorohexane. Journal of Molecular Liquids, 2008, 139, 138-142.	4.9	17
98	Surface and bulk behaviour of some (n-hexane+chloroalkane) mixtures. Journal of Chemical Thermodynamics, 2009, 41, 553-559.	2.0	17
99	L-menthol-based eutectic solvents: Characterization and application in the removal of drugs from water. Journal of Molecular Liquids, 2022, 352, 118754.	4.9	17
100	Excess volumes and excess viscosities of benzene with picolines. Thermochimica Acta, 1994, 237, 35-41.	2.7	16
101	Vapour-liquid equilibrium for the binary systems of 2-methyl-1-propanol with some halohydrocarbons at 40.0 and 101.3 kPa. Fluid Phase Equilibria, 1997, 134, 163-174.	2.5	16
102	Densities and Viscosities for the Binary Mixtures (2-Methyl-1-Chloropropane + Isomeric Butanol) at 298.15 and 313.15 K. Physics and Chemistry of Liquids, 2001, 39, 739-752.	1.2	16
103	Isobaric vapourâ€"liquid equilibrium of binary and ternary mixtures containing cyclohexane, n-hexane, 1,3-dioxolane and 1-butanol at 40.0 and 101.3 kPa. Chemical Engineering Journal, 2002, 88, 1-9.	12.7	16
104	Phase Equilibrium of Binary Mixtures of Cyclic Ethers + Chlorobutane Isomers:â€‰ Experimental Measurements and SAFT-VR Modeling. Journal of Physical Chemistry B, 2007, 111, 9588-9597.	2.6	16
105	Study of isobaric vapourâ€"liquid equilibrium of some cyclic ethers with 1-chloropropane: Experimental results and SAFT-VR modelling. Fluid Phase Equilibria, 2009, 278, 62-67.	2.5	16
106	Thermodynamic study of the surface of liquid mixtures containing pyridinium-based ionic liquids and alkanols. Journal of Chemical Thermodynamics, 2014, 78, 234-240.	2.0	16
107	Structure and properties of two glucose-based deep eutectic systems. Food Chemistry, 2021, 336, 127717.	8.2	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 (Chemical Thermodynamics, 1994, 26, 1173-1178.	2.0	15

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109	Isobaric VLE data for the binary systems dibromomethane with isomeric butanols at 40.0 and 101.3 kPa. Fluid Phase Equilibria, 1995, 108, 185-198.	2.5	15
110	Vaporâ˜'Liquid Equilibria for the Binary Systems of 1-Butanol with Some Halohydrocarbons at 40.0 and 101.3 kPa. Journal of Chemical & Engineering Data, 1997, 42, 132-136.	1.9	15
111	Excess volumes and excess viscosities of binary mixtures of cyclic ethers with bromobenzene. Journal of Solution Chemistry, 1997, 26, 207-215.	1.2	15
112	Isobaric vapourâ€"liquid equilibrium of binary mixtures of some cyclic ethers with chlorocyclohexane at 40.0 and 101.3 kPa. Thermochimica Acta, 2000, 362, 153-160.	2.7	15
113	Study of tetrahydropyran-chlorobutane VLE using the Î³â€"Ï• and Ï•â€"Ï• approaches. Fluid Phase Equilibria, 2005, 232, 50-56.	2.5	15
114	Intermolecular potential model parameters for cyclic ethers and chloroalkanes in the SAFT-VR approach. Fluid Phase Equilibria, 2007, 255, 200-206.	2.5	15
115	Self-aggregation of liquids from biomass in aqueous solution. Journal of Chemical Thermodynamics, 2013, 66, 131-136.	2.0	15
116	Refractive properties of binary mixtures containing pyridinium-based ionic liquids and alkanols. Thermochimica Acta, 2013, 572, 39-44.	2.7	15
117	The pÏ† behaviour of the lactate family. Journal of Chemical Thermodynamics, 2013, 58, 8-13.	2.0	15
118	Thermophysical characterization of 1-ethylpyridinium triflate and comparison with similar ionic liquids. Journal of Chemical Thermodynamics, 2016, 103, 395-402.	2.0	15
119	Thermodynamic study of 2-methyl-tetrahydrofuran with isomeric chlorobutanes. Thermochimica Acta, 2005, 429, 233-239.	2.7	14
120	Experimental and Predicted Vaporâ˜'Liquid Equilibrium for Cyclic Ethers with 1-Chloropentane. Industrial & Engineering Chemistry Research, 2005, 44, 6981-6988.	3.7	14
121	Influence of the Hofmeister series of anions on the molecular organization of positively ionized monolayers of a viologen derivative. Journal of Colloid and Interface Science, 2007, 315, 588-596.	9.4	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. Journal of Chemical Thermodynamics, 2018, 124, 49-64.	2.0	14
123	Excess molar volumes and vapour pressures of (benzene + each of several isomers of butanol). Journal of Chemical Thermodynamics, 1993, 25, 679-685.	2.0	13
124	Excess volumes of (1-bromobutane + each of several isomers of butanol) at the temperatures 298.15 K and 313.15 K. Journal of Chemical Thermodynamics, 1994, 26, 151-154.	2.0	13
125	Title is missing!. International Journal of Thermophysics, 2002, 23, 1587-1598.	2.1	13
126	Surface study of mixtures containing cyclic ethers and isomeric chlorobutanes. Journal of Chemical Thermodynamics, 2007, 39, 791-797.	2.0	13

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127	Refractive Indices of the Ternary Mixtures Butanol + n-Hexane + 1-Chlorobutane. Journal of Solution Chemistry, 2008, 37, 1499-1510.	1.2	13
128	Experimental and Predicted Viscosities of Binary Mixtures Containing Chlorinated and Oxygenated Compounds. International Journal of Thermophysics, 2013, 34, 34-46.	2.1	13
129	Thermophysical study of the binary mixtures of N,N-dimethylacetamide with 2-propanol and 2-butanol. Thermochimica Acta, 2017, 655, 169-175.	2.7	13
130	Thermophysical study of 2-acetylthiophene: Experimental and modelled results. Fluid Phase Equilibria, 2017, 433, 126-134.	2.5	12
131	Excess molar volumes of (an alkanediol + an alkanol) and of (dichloromethane + an alkanol or an) Tj ETQq1 1 0.784314 rgBT /Overloc	2.0	11
132	Isobaric Vapor-Liquid Equilibrium Measurements on 2-Chlorobutane + Isomeric Butanols at 60.0 and 101.3 kPa. Journal of Chemical & Engineering Data, 1995, 40, 692-695.	1.9	11
133	Calorimetric Behaviour of Primary Bromobutanes with Isomeric Butanols. Zeitschrift Fur Physikalische Chemie, 2001, 215, .	2.8	11
134	Excess molar volumes and enthalpies of the ternary system (2-butanol + 1,3-dioxolane + n-hexane) at 298.15 and 313.15K. Thermochimica Acta, 2004, 423, 49-55.	2.7	11
135	Experimental and predicted vapourâ€"liquid equilibrium of 1,4-dioxane with cycloalkanes and benzene. Fluid Phase Equilibria, 2005, 238, 1-6.	2.5	11
136	Phase equilibrium of liquid mixtures: Experimental and modeled data using statistical associating fluid theory for potential of variable range approach. Journal of Chemical Physics, 2007, 127, 144513.	3.0	11
137	Vapourâ€"liquid equilibrium of cyclic ethers with 1-chlorohexane: Experimental results and UNIFAC predictions. Fluid Phase Equilibria, 2007, 257, 70-77.	2.5	11
138	Supramolecular Architecture in Langmuir Films of a Luminescent Ionic Liquid Crystal. Journal of Physical Chemistry C, 2009, 113, 18827-18834.	3.1	11
139	Excess isentropic compressibilities of halohydrocarbon + butanol mixture at 298.15 K. Thermochimica Acta, 1996, 287, 25-34.	2.7	10
140	Isobaric vapourâ€"liquid equilibrium for the binary mixtures of 2-methyl-2-propanol with some halohydrocarbons at 40.0 and 101.3 kPa. Fluid Phase Equilibria, 2001, 192, 49-61.	2.5	10
141	Volumetric and acoustic properties of the ternary system (1-butanol+1,4-dioxane+cyclohexane). Journal of Thermal Analysis and Calorimetry, 2005, 79, 51-57.	3.6	10
142	Thermophysical properties of two binary aqueous mixtures containing a pyridinium-based ionic liquid. Journal of Chemical Thermodynamics, 2016, 99, 116-123.	2.0	10
143	Isobaric VLE Data for the Binary Systems 1,3-Dichloropropane with Isomeric Butanols. Physics and Chemistry of Liquids, 1995, 29, 135-144.	1.2	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. Journal of Chemical & Engineering Data, 2008, 53, 1223-1227.	1.9	9

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145	Phase equilibrium and thermophysical properties of mixtures containing a cyclic ether and 1-chloropropane. Fluid Phase Equilibria, 2010, 295, 130-136.	2.5	9
146	Volumetric and acoustic behaviour of systems containing n-hexane, or n-heptane and isomeric chlorobutanes. Journal of Chemical Thermodynamics, 2010, 42, 1406-1412.	2.0	9
147	Surface Tensions of the Ternary Mixtures Containing an Isomeric Butanol + n-Hexane + 1-Chlorobutane at 298.15 K. Journal of Chemical & Engineering Data, 2010, 55, 3532-3537.	1.9	9
148	Thermophysical properties of the thiophene family. Journal of Thermal Analysis and Calorimetry, 2016, 125, 509-518.	3.6	9
149	Experimental and modeled volumetric behavior of linear and branched ethers. Fluid Phase Equilibria, 2016, 417, 7-18.	2.5	9
150	Excess molar volumes of the ternary mixture ?x1CH3(CH2)3OH+x2CH3(CH2)4CH3(CH2)4CH3+ (1â€“x1â€“x2)CH3(CH2)3NH2? at temperatures of 298.15 K and 313.15 K. Journal of Chemical Thermodynamics, 1996, 28, 779-786.	2.0	8
151	Title is missing!. International Journal of Thermophysics, 2000, 21, 1185-1196.	2.1	8
152	(Vapour+liquid) equilibrium of binary mixtures (1,3-dioxolane or 1,4-dioxane+2-methyl-1-propanol or) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.0	8
153	Vapourâ€“liquid equilibrium and azeotropic behaviour of 1,2-dichloroethane with isomeric butanols. Fluid Phase Equilibria, 2004, 225, 77-83.	2.5	8
154	Isothermal (vapour+liquid) equilibrium of (cyclic ethers+ chlorohexane) mixtures: Experimental results and SAFT modelling. Journal of Chemical Thermodynamics, 2008, 40, 1253-1260.	2.0	8
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