

Luisa Segade

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Surface Tensions, Refractive Indexes and Excess Molar Volumes of Hexane + 1-Alkanol Mixtures at 298.15 K. Journal of Chemical & Engineering Data, 2000, 45, 862-866.	1.0	150
2	Excess volume, changes of refractive index and surface tension of binary 1,2-ethanediol + 1-propanol or 1-butanol mixtures at several temperatures. Fluid Phase Equilibria, 2001, 180, 151-164.	1.4	116
3	Density, Surface Tension, and Refractive Index of Octane + 1-Alkanol Mixtures at T= 298.15 K. Journal of Chemical & Engineering Data, 2003, 48, 1251-1255.	1.0	110
4	Electrical Conductivity and Viscosity of Aqueous Binary Mixtures of 1-Alkyl-3-methyl Imidazolium Tetrafluoroborate at Four Temperatures. Journal of Chemical & Engineering Data, 2010, 55, 639-644.	1.0	108
5	Thermophysical properties of four binary dimethyl carbonate + 1-alcohol systems at 288.15-313.15 K. Fluid Phase Equilibria, 2003, 211, 219-240.	1.4	95
6	Experimental measurement of the hygroscopic grade on eight imidazolium based ionic liquids. Fluid Phase Equilibria, 2009, 278, 36-40.	1.4	95
7	Densities, Viscosities, and Related Properties of Some (Methyl Ester + Alkane) Binary Mixtures in the Temperature Range from 283.15 to 313.15 K. Journal of Chemical & Engineering Data, 2001, 46, 974-983.	1.0	69
8	Viscosity deviations of ternary mixtures di-n-butyl ether+1-propanol+n-octane at several temperatures. Fluid Phase Equilibria, 1998, 149, 339-358.	1.4	54
9	Surface tensions, densities and refractive indexes of mixtures of dibutyl ether and 1-alkanol at T=298.15K. Journal of Chemical Thermodynamics, 2003, 35, 839-850.	1.0	47
10	Excess Properties for Propyl Propanoate + Hexane + Benzene at 298.15 K. Journal of Chemical & Engineering Data, 1998, 43, 756-762.	1.0	40
11	Densities and Viscosities of Four Binary Diethyl Carbonate + 1-Alcohol Systems from (288.15 to 313.15) K. Journal of Chemical & Engineering Data, 2011, 56, 2841-2848.	1.0	40
12	Viscosities and Densities for the 1-Propanol + n-Heptane System at Several Temperatures. Journal of Solution Chemistry, 1998, 27, 569-579.	0.6	33
13	Easy prediction of the refractive index for binary mixtures of ionic liquids with water or ethanol. Journal of Chemical Thermodynamics, 2012, 47, 219-222.	1.0	33
14	TRANSPORT PROPERTIES FOR 1-ETHYL-3-METHYLIMIDAZOLIUM n-ALKYL SULFATES: POSSIBLE EVIDENCE OF GROTTTHUSS MECHANISM. Electrochimica Acta, 2017, 231, 94-102.	2.6	29
15	Electrical conductivity of aqueous solutions of aluminum salts. Physical Review E, 2005, 71, 031201.	0.8	26
16	Densities, Surface Tensions, and Refractive Indexes of Propyl Propanoate + Hexane +m-Xylene at 298.15 K. Journal of Chemical & Engineering Data, 2006, 51, 294-300.	1.0	25
17	Experimental and theoretical surface tension deviations in the binary systems propyl propanoate+o-, m- and p-xylene at 298.15K. Fluid Phase Equilibria, 2005, 232, 9-15.	1.4	24
18	Densities, Viscosities, and Refractive Indexes for Propyl Propanoate + 1-Hexanol + Benzene at 298.15 K. Journal of Chemical & Engineering Data, 2001, 46, 651-656.	1.0	23

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19	Viscosities and Densities of Solutions of n-Decane, or n-Tetradecane with Several Esters at 25Å°C. Journal of Solution Chemistry, 2001, 30, 995-1006.	0.6	19
20	Excess Molar Volumes of Ternary Mixtures of {x1CH3CH2COOCH2CH3 + x2CH3(CH2)4CH3 + (1 - x1 - x2) Tj ETQq0 0 0 rgBT /Overlock Engineering Data, 1997, 42, 262-265.	1.0	18
21	Excess molar enthalpies for di-n-butyl ether + 1-propanol + n-octane at 298.15 K. Fluid Phase Equilibria, 1997, 133, 179-185.	1.4	18
22	Excess molar volumes of ternary mixtures of di-n-butylether+1-heptanol+n-octane at the temperature of 298.15 K. Fluid Phase Equilibria, 1997, 136, 315-321.	1.4	18
23	Excess Molar Enthalpies of Propyl Propanoate + Hexane + Benzene at 298.15 K and 308.15 K. Journal of Chemical & Engineering Data, 2000, 45, 445-449.	1.0	18
24	Excess molar volumes of {x1CH3CH2COO (CH2)2CH3+x2CH3(CH2)5OH + (1 - x1 - x2) Cl(CH2)5CH3} at the temperature 298.15 K. Journal of Chemical Thermodynamics, 1995, 27, 1197-1204.	1.0	16
25	Excess molar volumes of ternary mixtures di-n-butyl ether + 1-pentanol + n-octane at 298.15 K. Fluid Phase Equilibria, 1997, 133, 173-177.	1.4	16
26	Structural and physical properties of a new reversible and continuous thermochromic ionic liquid in a wide temperature interval: [BMIM] ₄ [Ni(NCS) ₆]. New Journal of Chemistry, 2018, 42, 15561-15571.	1.4	16
27	Excess molar volumes of {x1CH3CH2COOCH2CH3+x2CH3(CH2)4CH3+ (1 - x1 - x2)CH3(CH2)2OH or CH3(CH2)3OH} at the temperature 298.15 K. Journal of Chemical Thermodynamics, 1997, 29, 117-124.	1.0	14
28	Experimental Study of the Dynamic Viscosity Deviations in the Binary Systems: Hexane + Ethylbenzene, + o-Xylene, + m-Xylene, + p-Xylene at 298.15ÅK. International Journal of Thermophysics, 2009, 30, 1197-1201.	1.0	14
29	Surface Tension Deviations and Excess Molar Volumes on the Ternary System Propyl Propanoate + Hexane + o-Xylene at 298.15 K. Journal of Chemical & Engineering Data, 2010, 55, 1317-1321.	1.0	14
30	Surface and bulk characterisation of mixtures containing alkylammonium nitrates and water or ethanol: Experimental and simulated properties at 298.15 K. Journal of Molecular Liquids, 2016, 222, 663-670.	2.3	14
31	Synthesis, microstructure and volumetry of novel metal thiocyanate ionic liquids with [BMIM] cation. Journal of Molecular Liquids, 2019, 283, 638-651.	2.3	13
32	Physical properties of (propyl propanoate+hexane+toluene) at 298.15K. Journal of Chemical Thermodynamics, 2007, 39, 621-626.	1.0	11
33	Densities, surface tensions and refractive indexes for propyl propanoate + hexane + ethylbenzene at 298.15 K. Fluid Phase Equilibria, 2003, 212, 331-339.	1.4	10
34	Tuning physical properties and mesomorphic structures in aqueous 1-ethyl-3-methylimidazolium octylsulfate rigid-gel with univalent salt doping. Journal of Chemical Thermodynamics, 2017, 112, 267-275.	1.0	10
35	Excess molar volumes of ternary mixtures {cyclohexane+n-hexane+1-chlorohexane} and {cyclohexane+n-hexane+1-hexanol} at the temperature of 298.15 K. Fluid Phase Equilibria, 1998, 142, 185-191.	1.4	9
36	Experimental and predicted excess molar volumes and excess molar enthalpies for di-n-butyl ether + 1-propanol + n-octane at 298.15 and 308.15 K. Fluid Phase Equilibria, 2001, 179, 363-383.	1.4	9

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37	Imidazolium decyl sulfate: a very promising selfmade ionic hydrogel. <i>Materials Chemistry Frontiers</i> , 2018, 2, 505-513.	3.2	9
38	Surface tension of diesel-alcohol blends: Selection among fundamental and empirical models. <i>Fluid Phase Equilibria</i> , 2022, 555, 113363.	1.4	9
39	Excess molar enthalpies of the ternary system (propyl propanoate+1-hexanol+n-hexane) at 298.15 K. <i>Fluid Phase Equilibria</i> , 1998, 148, 201-208.	1.4	8
40	Excess molar enthalpies for di-n-butylether+1-propanol+n-decane at 298.15 and 308.15 K. <i>Fluid Phase Equilibria</i> , 1999, 156, 149-159.	1.4	8
41	Excess molar enthalpies for propyl propanoate + cyclohexane + benzene at 298.15 and 308.15 K. <i>Fluid Phase Equilibria</i> , 2001, 182, 279-288.	1.4	8
42	Vapor-liquid equilibria for the binary system hexan-1-ol + tert-butyl methyl ether (MTBE) at 298.15, 318.15, and 338.15 K. <i>Fluid Phase Equilibria</i> , 2003, 208, 115-121.	1.4	8
43	Mesostructure and physical properties of aqueous mixtures of the ionic liquid 1-ethyl-3-methyl imidazolium octyl sulfate doped with divalent sulfate salts in the liquid and the mesomorphic states. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 8724-8736.	1.3	8
44	Influence of Small Quantities of Water on the Physical Properties of Alkylammonium Nitrate Ionic Liquids. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7334.	1.8	8
45	Title is missing!. <i>Journal of Solution Chemistry</i> , 1998, 27, 1139-1148.	0.6	7
46	The ternary system propyl propanoate+ hexane+chlorobenzene at 298.15 k. <i>Magyar Árvad Kémlemlenyek</i> , 2002, 70, 243-250.	1.4	7
47	Densities, viscosities, and refractive indexes for {C ₂ H ₅ CO ₂ (CH ₂) ₂ CH ₃ +C ₆ H ₁₃ OH+C ₆ H ₆ } at T=308.15K. <i>Journal of Chemical Thermodynamics</i> , 2003, 35, 1129-1137.	1.0	7
48	Excess molar enthalpies of the binary systems: (Dibutyl ether+isomers of pentanol) at T=(298.15 and) Tj ETQq0 0 0,rgBT /Overlock 10 T	1.8	7
49	Viscosities of di-n-butyl ether+1-propanol+n-decane mixture at 308.15 K. <i>Fluid Phase Equilibria</i> , 2001, 182, 353-364.	1.4	6
50	Excess molar volumes and enthalpies for the ternary system [butyl butyrate + 1-octanol + octane] at the temperature 308.15 K. <i>Fluid Phase Equilibria</i> , 2001, 182, 265-277.	1.4	6
51	Excess molar enthalpy of binary mixtures of hexane+ethyl benzene, o-xylene, m-xylene and p-xylene at 298.15 K. <i>Journal of Thermal Analysis and Calorimetry</i> , 2005, 80, 289-293.	2.0	6
52	On the physical properties of mixtures of nitrate salts and protic ionic liquids. <i>Journal of Molecular Liquids</i> , 2022, 350, 118483.	2.3	6
53	Excess molar volumes at 298.15 K of the ternary mixture: propyl propanoate + 2-hexanone + 1-chlorohexane. <i>Fluid Phase Equilibria</i> , 1996, 126, 225-231.	1.4	5
54	Excess Molar Volumes and Enthalpies of Mixing for the Ternary System (Butyl Butyrate + 1-Octanol +) Tj ETQq0 0 0,rgBT /Overlock 10 T	1.8	4

#	ARTICLE	IF	CITATIONS
55	Vapor-liquid equilibria of propan-1-ol+1,1-dimethylethyl methyl ether (MTBE) mixtures. Experimental results and modeling. Physical Chemistry Chemical Physics, 2003, 5, 2858-2861.	1.3	4
56	Excess molar volumes and enthalpies for the binary systems propyl propanoate + o-xylene, m-xylene, and p-xylene at 298.15K. Thermochimica Acta, 2004, 420, 45-49.	1.2	4
57	Properties and Green Aspects of Ionic Liquids. , 2014, , 1-93.		4
58	Excess Molar Enthalpies of Propyl Propanoate + 1-Hexanol + Benzene at the Temperatures 25 Â°C and 35 Â°C. Journal of Chemical & Engineering Data, 2003, 48, 763-767.	1.0	3
59	Excess thermodynamics properties of propyl propanoate+hexane+cyclohexane at 298.15 K. Journal of Thermal Analysis and Calorimetry, 2005, 80, 285-288.	2.0	3
60	Strange behaviour of transport properties in novel metal thiocyanate based ionic liquids. Journal of Molecular Liquids, 2021, 340, 117164.	2.3	3
61	Densities and excess volumes of the ternary system butyl ethanoate + n-decane + 1-chlorobutane at 298.15 K. Fluid Phase Equilibria, 1996, 126, 233-239.	1.4	2
62	Excess molar volumes of ternary mixtures di-n-butyl ether+1-pentanol+n-dodecane at 298.15K. Thermochimica Acta, 1999, 328, 259-263.	1.2	2
63	Experimental and theoretical study of excess molar volumes and enthalpies for the ternary mixture butyl butyrate + 1-octanol + decane at 308.15 K. Thermochimica Acta, 2003, 405, 147-154.	1.2	2
64	Experimental and theoretical study of excess molar enthalpies for the ternary mixture: butyl butyrate + 1-octanol + octane at 298.15 K. Fluid Phase Equilibria, 2003, 212, 341-347.	1.4	1
65	Thermodynamic velocity and dispersion of first sound in liquid helium near the lambda transition. Cryogenics, 1994, 34, 337-340.	0.9	0
66	HOW DOES ENGLISH LANGUAGE AFFECT TO THE ACADEMIC PERFORMANCE OF A SPANISH STUDENT IN THE SUBJECT OF PHYSICS?. , 2019, , .		0
67	STRATEGIES TO ENCOURAGE STUDENT PARTICIPATION IN SMALL GROUP SESSIONS. EDULEARN Proceedings, 2019, , .	0.0	0