

Alicia Font

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Dehydration of Ethanol Using Azeotropic Distillation with Isooctane. <i>Industrial & Engineering Chemistry Research</i> , 2007, 46, 4572-4576.	3.7	56
2	Application of Isooctane to the Dehydration of Ethanol. Design of a Column Sequence To Obtain Absolute Ethanol by Heterogeneous Azeotropic Distillation. <i>Industrial & Engineering Chemistry Research</i> , 2003, 42, 140-144.	3.7	44
3	Isobaric vapor-liquid and vapor-liquid-liquid equilibrium data for the system water+ethanol+cyclohexane. <i>Fluid Phase Equilibria</i> , 2005, 235, 7-10.	2.5	43
4	Liquid-Liquid Equilibria of Water + Ethanol + 1-Butyl-3-methylimidazolium Bis(trifluoromethanesulfonyl)imide Ternary System: Measurements and Correlation at Different Temperatures. <i>Journal of Chemical & Engineering Data</i> , 2015, 60, 2426-2433.	1.9	40
5	Isobaric vapor-liquid and vapor-liquid-liquid equilibrium data for the water-ethanol-hexane system. <i>Fluid Phase Equilibria</i> , 2007, 259, 66-70.	2.5	33
6	Vapor-liquid and vapor-liquid equilibrium of the system water+ethanol+heptane at 101.3kPa. <i>Fluid Phase Equilibria</i> , 2006, 248, 206-210.	2.5	32
7	Ethanol dehydration via azeotropic distillation with gasoline fractions as entrainers: A pilot-scale study of the manufacture of an ethanol-hydrocarbon fuel blend. <i>Fuel</i> , 2015, 139, 568-574.	6.4	29
8	LLE, VLE and VLLE data for the water-n-butanol-n-hexane system at atmospheric pressure. <i>Fluid Phase Equilibria</i> , 2012, 316, 135-140.	2.5	23
9	Liquid-Liquid, Vapor-Liquid, and Vapor-Liquid-Liquid Equilibrium Data for the Water-n-Butanol-Cyclohexane System at Atmospheric Pressure: Experimental Determination and Correlation. <i>Journal of Chemical & Engineering Data</i> , 2013, 58, 3320-3326.	1.9	19
10	Ethanol dehydration via azeotropic distillation with gasoline fraction mixtures as entrainers: A pilot-scale study with industrially produced bioethanol and naphta. <i>Fuel Processing Technology</i> , 2015, 140, 198-204.	7.2	19
11	Homogeneity of the water+ethanol+toluene azeotrope at 101.3kPa. <i>Fluid Phase Equilibria</i> , 2008, 266, 8-13.	2.5	18
12	Phase equilibria of the water+1-butanol+toluene ternary system at 101.3kPa. <i>Fluid Phase Equilibria</i> , 2015, 385, 29-36.	2.5	16
13	Quantitative analysis of the volatile aroma components of pepino fruit by purge-and-trap and gas chromatography. <i>Journal of the Science of Food and Agriculture</i> , 2002, 82, 1182-1188.	3.5	15
14	Isobaric Vapor-Liquid and Vapor-Liquid-Liquid Equilibria Data for the System Water + Isopropanol + Isooctane. <i>Journal of Chemical & Engineering Data</i> , 2004, 49, 765-767.	1.9	14
15	Isothermal (liquid+liquid) equilibrium data at T=313.15K and isobaric (vapor+liquid+liquid) equilibrium data at 101.3kPa for the ternary system (water+1-butanol+p-xylene). <i>Journal of Chemical Thermodynamics</i> , 2014, 79, 242-247.	2.0	14
16	Phase diagram of the vapor-liquid-liquid-solid equilibrium of the water-NaCl-1-propanol system at 101.3kPa. <i>Journal of Chemical Thermodynamics</i> , 2018, 116, 352-362.	2.0	11
17	Study of the LLE, VLE, and VLLE of the Ternary System Water + 1-Butanol + Isoamyl Alcohol at 101.3 kPa. <i>Journal of Chemical & Engineering Data</i> , 2018, 63, 3733-3743.	1.9	9
18	Effect of temperature on the phase-separation ability of KCl in aqueous two-phase systems composed of propanols: Determination of the critical temperature and extension of the results to other salts. <i>Journal of Chemical Thermodynamics</i> , 2019, 136, 88-99.	2.0	7

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19	Study of the phase equilibrium of the water+2-propanol+1-undecanol ternary system between 275.15 K and 288.15 K. Comparison with the water+ethanol+1-undecanol system. Fluid Phase Equilibria, 2016, 426, 95-99.	2.5	6
20	Phase equilibria of the water+1-butanol+2-pentanol ternary system at 101.3 kPa. Journal of Chemical Thermodynamics, 2018, 123, 38-45.	2.0	6
21	SLLV and SLLVE of the water+ NH ₄ Cl+ 1-propanol system at 101.3 kPa. Fluid Phase Equilibria, 2018, 465, 51-57.	2.5	6
22	Consistency of experimental data in SLLV equilibrium of ternary systems with electrolyte. Application to the water+NaCl+2-propanol system at 101.3 kPa. Journal of Chemical Thermodynamics, 2018, 124, 79-89.	2.0	6
23	Influence of the temperature on the equilibrium phase diagram of the ternary system water+ammonium chloride+2-propanol at 101.3 kPa. Journal of Chemical Thermodynamics, 2019, 131, 33-39.	1.9	6
24	Isobaric vapor-liquid-liquid-solid equilibrium of the water+NaCl+1-butanol system at 101.3 kPa. Journal of Chemical Thermodynamics, 2016, 100, 53-59.	2.0	5
25	Influence of the Temperature on the Liquid-Liquid-Solid Equilibria of the Water + Ethanol + 1-Undecanol Ternary System. Journal of Chemical & Engineering Data, 2015, 60, 1934-1938.	1.9	3
26	Vapor-liquid equilibrium of 3-ethoxy-1,2-propanediol+ water/ethanol/diethyl ether/glycerol/1,2-propanediol at different pressures. Fluid Phase Equilibria, 2020, 512, 112519.	2.5	2
27	Operational Limits in Processes with Water, Salt, and Short-Chain Alcohol Mixtures as Aqueous Two-Phase Systems and Problems in Its Simulation. Industrial & Engineering Chemistry Research, 2021, 60, 2578-2587.	3.7	2
28	Proposal for the introduction of the concept of multiplicity of solutions in steady-state distillation problems in the syllabus of separation processes. Education for Chemical Engineers, 2019, 29, 9-20.	4.8	1
29	Use of Ultrasound in the Determination of Isobaric LLV, SLV, and SLLV Equilibrium Data. Application to the Determination of the Water + Na ₂ SO ₄ or K ₂ SO ₄ + 2-Methylpropan-2-ol Systems at 101.3 kPa and Boiling Conditions. Journal of Chemical & Engineering Data, 2020, 65, 3287-3296.	1.9	1
30	Equilibrium diagram of the water+ K ₂ SO ₄ or Na ₂ SO ₄ + 1-propanol or 2-propanol systems at boiling conditions and 101.3 kPa. Fluid Phase Equilibria, 2020, 511, 112499.	2.5	1