

Ernesto Vercher

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47
papers

1,383
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20
h-index

36
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47
ext. papers

1,452
ext. citations

2.7
avg, IF

4.21
L-index

#	Paper	IF	Citations
47	Volumetric and Ultrasonic Studies of 1-Ethyl-3-methylimidazolium Trifluoromethanesulfonate Ionic Liquid with Methanol, Ethanol, 1-Propanol, and Water at Several Temperatures. <i>Journal of Chemical & Engineering Data</i> , 2007 , 52, 1468-1482	2.8	159
46	Ionic Liquids as Entrainers in Extractive Distillation: Isobaric Vapor-Liquid Equilibria for Acetone + Methanol + 1-Ethyl-3-methylimidazolium Trifluoromethanesulfonate. <i>Journal of Chemical & Engineering Data</i> , 2007 , 52, 141-147	2.8	115
45	Isobaric Vapor-Liquid Equilibria for Methyl Acetate + Methanol + 1-Ethyl-3-methylimidazolium Trifluoromethanesulfonate at 100 kPa. <i>Journal of Chemical & Engineering Data</i> , 2007 , 52, 915-920	2.8	70
44	Volumetric properties, viscosities and refractive indices of binary liquid mixtures of tetrafluoroborate-based ionic liquids with methanol at several temperatures. <i>Journal of Chemical Thermodynamics</i> , 2015 , 90, 174-184	2.9	67
43	Isobaric Vapor-Liquid Equilibria for Ethyl Acetate + Ethanol + 1-Ethyl-3-methylimidazolium Trifluoromethanesulfonate at 100 kPa. <i>Journal of Chemical & Engineering Data</i> , 2007 , 52, 2325-2330	2.8	62
42	Density, Speed of Sound, and Refractive Index of 1-Ethyl-3-methylimidazolium Trifluoromethanesulfonate with Acetone, Methyl Acetate, and Ethyl Acetate at Temperatures from (278.15 to 328.15) K. <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 1377-1388	2.8	60
41	Isobaric Vapor-Liquid Equilibria for 1-Propanol + Water + Calcium Nitrate. <i>Journal of Chemical & Engineering Data</i> , 1999 , 44, 1216-1221	2.8	60
40	Using 1-Ethyl-3-methylimidazolium Trifluoromethanesulfonate as an Entrainer for the Extractive Distillation of Ethanol + Water Mixtures. <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 1669-1674	2.8	54
39	Isobaric Vapor-Liquid Equilibria for 1-Propanol + Water + 1-Ethyl-3-methylimidazolium Trifluoromethanesulfonate at 100 kPa. <i>Journal of Chemical & Engineering Data</i> , 2008 , 53, 2426-2431	2.8	51
38	Volumetric and Acoustic Properties of Aqueous Solutions of Trifluoromethanesulfonate-Based Ionic Liquids at Several Temperatures. <i>Journal of Chemical & Engineering Data</i> , 2012 , 57, 1953-1963	2.8	44
37	1-Ethyl-3-methylimidazolium Dicyanamide as a Very Efficient Entrainer for the Extractive Distillation of the Acetone + Methanol System. <i>Journal of Chemical & Engineering Data</i> , 2012 , 57, 394-399	2.8	44
36	Isobaric Vapor-Liquid Equilibria for the Extractive Distillation of Ethanol + Water Mixtures Using 1-Ethyl-3-methylimidazolium Dicyanamide. <i>Journal of Chemical & Engineering Data</i> , 2011 , 56, 4875-4880	2.8	43
35	Isobaric Vapor-Liquid Equilibria of 1-Propanol + Water + Trifluoromethanesulfonate-Based Ionic Liquid Ternary Systems at 100 kPa. <i>Journal of Chemical & Engineering Data</i> , 2011 , 56, 4454-4460	2.8	37
34	Refractive Indices and Deviations in Refractive Indices of Trifluoromethanesulfonate-Based Ionic Liquids in Water. <i>Journal of Chemical & Engineering Data</i> , 2011 , 56, 4499-4504	2.8	33
33	Influence of Some Ionic Liquids Containing the Trifluoromethanesulfonate Anion on the Vapor-Liquid Equilibria of the Acetone + Methanol System. <i>Journal of Chemical & Engineering Data</i> , 2011 , 56, 4430-4435	2.8	32
32	Isobaric vapor-liquid equilibria for acetone+methanol+lithium nitrate at 100kPa. <i>Fluid Phase Equilibria</i> , 2006 , 250, 131-137	2.5	30
31	Isobaric vapor-liquid equilibria for the extractive distillation of 2-propanol + water mixtures using 1-ethyl-3-methylimidazolium dicyanamide ionic liquid. <i>Journal of Chemical Thermodynamics</i> , 2017 , 110, 16-24	2.9	28

30	Ultrasonic and Volumetric Properties of 1-Ethyl-3-methylimidazolium Trifluoromethanesulfonate Ionic Liquid with 2-Propanol or Tetrahydrofuran at Several Temperatures. <i>Journal of Chemical & Engineering Data</i> , 2011 , 56, 4633-4642	2.8	23
29	Volumetric properties of binary mixtures of ionic liquid 1-butyl-3-methylimidazolium octylsulfate with water or propanol in the temperature range of 278.15K to 328.15K. <i>Journal of Chemical Thermodynamics</i> , 2006 , 38, 1124-1129	2.9	23
28	Refractive Indices and Deviations in Refractive Indices for Binary Mixtures of 1-Ethyl-3-methylimidazolium Trifluoromethanesulfonate with Methanol, Ethanol, 1-Propanol, and 2-Propanol at Several Temperatures. <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 1430-1433	2.8	22
27	Isobaric vapor-liquid equilibria for 1-propanol+water+lithium nitrate at 100 kPa. <i>Fluid Phase Equilibria</i> , 2002 , 202, 121-132	2.5	20
26	Apparent Molar Volumes of Potassium Nitrate and Sodium Nitrate in Ethanol + Water at 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 1998 , 43, 626-631	2.8	20
25	Apparent Molar Volumes of Strontium Nitrate and Copper(II) Chloride in Ethanol + Water at 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 1999 , 44, 86-92	2.8	20
24	Isobaric Vapor-Liquid and Liquid-Liquid Equilibria for Chloroform + Ethanol + 1-Ethyl-3-methylimidazolium Trifluoromethanesulfonate at 100 kPa. <i>Journal of Chemical & Engineering Data</i> , 2008 , 53, 2642-2648	2.8	19
23	Apparent molar volumes of lithium chloride in 1-propanol + water in the temperature range from 288.15 to 318.15 K. <i>Fluid Phase Equilibria</i> , 2003 , 209, 95-111	2.5	19
22	Isobaric Vapor-Liquid Equilibrium for Ethanol + Water + Potassium Nitrate. <i>Journal of Chemical & Engineering Data</i> , 1996 , 41, 66-69	2.8	19
21	Apparent Molar Volumes of Strontium Chloride in Ethanol + Water at 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 1997 , 42, 187-189	2.8	16
20	Isobaric Vapor-Liquid Equilibria for Water + Acetic Acid + Lithium Acetate. <i>Journal of Chemical & Engineering Data</i> , 2001 , 46, 1584-1588	2.8	15
19	Isobaric vapor-liquid equilibrium data for the ethanol-water-potassium acetate and ethanol-water-(potassium acetate/sodium acetate) systems. <i>Journal of Chemical & Engineering Data</i> , 1991 , 36, 274-277	2.8	14
18	Isobaric Vapor-Liquid and Liquid-Liquid Equilibria for Chloroform + Methanol + 1-Ethyl-3-methylimidazolium Trifluoromethanesulfonate at 100 kPa. <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 1209-1214	2.8	13
17	Isobaric vapor-liquid equilibria for 1-propanol + water + lithium chloride at 100 kPa. <i>Fluid Phase Equilibria</i> , 2004 , 216, 47-52	2.5	13
16	Isobaric Vapor-Liquid Equilibrium for Ethanol + Water + Sodium Nitrate. <i>Journal of Chemical & Engineering Data</i> , 1996 , 41, 1097-1100	2.8	13
15	Partial Molar Volumes of Strontium Bromide in Ethanol + Water Mixtures at 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 1995 , 40, 662-664	2.8	12
14	Isobaric Vapor-Liquid Equilibrium for Ethanol + Water + Cobalt(II) Chloride. <i>Journal of Chemical & Engineering Data</i> , 1994 , 39, 763-766	2.8	12
13	Isobaric Vapor-Liquid Equilibrium Data for the Ethanol-Water-Strontium Bromide System. <i>Journal of Chemical & Engineering Data</i> , 1994 , 39, 316-319	2.8	12

12	Isobaric vapor-liquid equilibria for the 1-propanol + water + 1-ethyl-3-methylimidazolium dicyanamide system at 100 kPa. <i>Journal of Chemical Thermodynamics</i> , 2017 , 113, 116-123	2.9	10
11	Isobaric vapor-liquid equilibria for 1-propanol+water+copper(II) chloride at 100kPa. <i>Fluid Phase Equilibria</i> , 2005 , 227, 239-244	2.5	10
10	Apparent Molar Volumes of Calcium Nitrate in 1-Propanol + Water at 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 1999 , 44, 1212-1215	2.8	10
9	Isobaric Vapor-Liquid Equilibrium for Ethanol + Water + Strontium Nitrate. <i>Journal of Chemical & Engineering Data</i> , 1996 , 41, 748-751	2.8	8
8	Partial Molar Volumes of Cobalt(II) Chloride in Ethanol + Water at 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 1996 , 41, 752-754	2.8	8
7	Thermophysical properties of binary mixtures of 1-butyl-1-methylpyrrolidinium trifluoromethanesulfonate ionic liquid with alcohols at several temperatures. <i>Journal of Chemical Thermodynamics</i> , 2018 , 118, 292-301	2.9	8
6	Isobaric vapor-liquid equilibria for the extractive distillation of tert-butyl alcohol + water mixtures using 1-ethyl-3-methylimidazolium dicyanamide ionic liquid. <i>Journal of Chemical Thermodynamics</i> , 2019 , 139, 105866	2.9	7
5	Apparent molar volumes of lithium nitrate in 1-propanol + water in the temperature range from 288.15 to 318.15 K. <i>Fluid Phase Equilibria</i> , 2002 , 198, 131-145	2.5	7
4	Isobaric Vapor-Liquid Equilibrium for Ethanol + Water + Strontium Chloride. <i>Journal of Chemical & Engineering Data</i> , 1995 , 40, 311-314	2.8	7
3	Isobaric Vapor-Liquid Equilibrium for Ethanol + Water + Copper(II) Chloride. <i>Journal of Chemical & Engineering Data</i> , 1995 , 40, 657-661	2.8	6
2	Isobaric Vapor-Liquid Equilibria for Water + Acetic Acid + Potassium Acetate. <i>Journal of Chemical & Engineering Data</i> , 2004 , 49, 566-569	2.8	4
1	Isobaric Vapor-Liquid Equilibria for Water + Acetic Acid + Sodium Acetate. <i>Journal of Chemical & Engineering Data</i> , 2003 , 48, 217-220	2.8	4