

# Ernesto Vercher

## List of Publications by Year in descending order

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47  
papers

1,546  
citations

331259

21  
h-index

315357

38  
g-index

47  
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47  
docs citations

47  
times ranked

798  
citing authors

#	ARTICLE	IF	CITATIONS
1	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 &amp; Engineering Data</i> , 2007, 52, 1468-1482.	1.0	183
2	Ionic Liquids as Entrainers in Extractive Distillation: Isobaric Vapor-Liquid Equilibria for Acetone + Methanol + 1-Ethyl-3-methylimidazolium Trifluoromethanesulfonate. <i>Journal of Chemical &amp; Engineering Data</i> , 2007, 52, 141-147.	1.0	121
3	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.	1.0	77
4	Isobaric Vapor-Liquid Equilibria for Ethyl Acetate + Ethanol + 1-Ethyl-3-methylimidazolium Trifluoromethanesulfonate at 100 kPa. <i>Journal of Chemical &amp; Engineering Data</i> , 2007, 52, 2325-2330.	1.0	75
5	Isobaric Vapor-Liquid Equilibria for Methyl Acetate + Methanol + 1-Ethyl-3-methylimidazolium Trifluoromethanesulfonate at 100 kPa. <i>Journal of Chemical &amp; Engineering Data</i> , 2007, 52, 915-920.	1.0	73
6	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 &amp; Engineering Data</i> , 2010, 55, 1377-1388.	1.0	71
7	Using 1-Ethyl-3-methylimidazolium Trifluoromethanesulfonate as an Entrainer for the Extractive Distillation of Ethanol + Water Mixtures. <i>Journal of Chemical &amp; Engineering Data</i> , 2010, 55, 1669-1674.	1.0	65
8	Isobaric Vapor-Liquid Equilibria for 1-Propanol + Water + Calcium Nitrate. <i>Journal of Chemical &amp; Engineering Data</i> , 1999, 44, 1216-1221.	1.0	62
9	Isobaric Vapor-Liquid Equilibria for 1-Propanol + Water + 1-Ethyl-3-methylimidazolium Trifluoromethanesulfonate at 100 kPa. <i>Journal of Chemical &amp; Engineering Data</i> , 2008, 53, 2426-2431.	1.0	57
10	Volumetric and Acoustic Properties of Aqueous Solutions of Trifluoromethanesulfonate-Based Ionic Liquids at Several Temperatures. <i>Journal of Chemical &amp; Engineering Data</i> , 2012, 57, 1953-1963.	1.0	50
11	1-Ethyl-3-methylimidazolium Dicyanamide as a Very Efficient Entrainer for the Extractive Distillation of the Acetone + Methanol System. <i>Journal of Chemical &amp; Engineering Data</i> , 2012, 57, 394-399.	1.0	49
12	Isobaric Vapor-Liquid Equilibria for the Extractive Distillation of Ethanol + Water Mixtures Using 1-Ethyl-3-methylimidazolium Dicyanamide. <i>Journal of Chemical &amp; Engineering Data</i> , 2011, 56, 4875-4880.	1.0	46
13	Isobaric Vapor-Liquid Equilibria of 1-Propanol + Water + Trifluoromethanesulfonate-Based Ionic Liquid Ternary Systems at 100 kPa. <i>Journal of Chemical &amp; Engineering Data</i> , 2011, 56, 4454-4460.	1.0	41
14	Refractive Indices and Deviations in Refractive Indices of Trifluoromethanesulfonate-Based Ionic Liquids in Water. <i>Journal of Chemical &amp; Engineering Data</i> , 2011, 56, 4499-4504.	1.0	41
15	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.	1.0	37
16	Influence of Some Ionic Liquids Containing the Trifluoromethanesulfonate Anion on the Vapor-Liquid Equilibria of the Acetone + Methanol System. <i>Journal of Chemical &amp; Engineering Data</i> , 2011, 56, 4430-4435.	1.0	34
17	Isobaric vapor-liquid equilibria for acetone+methanol+lithium nitrate at 100kPa. <i>Fluid Phase Equilibria</i> , 2006, 250, 131-137.	1.4	32
18	Ultrasonic and Volumetric Properties of 1-Ethyl-3-methylimidazolium Trifluoromethanesulfonate Ionic Liquid with 2-Propanol or Tetrahydrofuran at Several Temperatures. <i>Journal of Chemical &amp; Engineering Data</i> , 2011, 56, 4633-4642.	1.0	30

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19	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.	1.0	27
20	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 &amp; Engineering Data</i> , 2010, 55, 1430-1433.	1.0	26
21	Apparent Molar Volumes of Strontium Nitrate and Copper(II) Chloride in Ethanol + Water at 298.15 K. <i>Journal of Chemical &amp; Engineering Data</i> , 1999, 44, 86-92.	1.0	22
22	Apparent Molar Volumes of Potassium Nitrate and Sodium Nitrate in Ethanol + Water at 298.15 K. <i>Journal of Chemical &amp; Engineering Data</i> , 1998, 43, 626-631.	1.0	21
23	Isobaric vapor-liquid equilibria for 1-propanol+water+lithium nitrate at 100 kPa. <i>Fluid Phase Equilibria</i> , 2002, 202, 121-132.	1.4	20
24	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.	1.4	20
25	Isobaric Vapor-Liquid and Liquid-Liquid Equilibria for Chloroform + Ethanol + 1-Ethyl-3-methylimidazolium Trifluoromethanesulfonate at 100 kPa. <i>Journal of Chemical &amp; Engineering Data</i> , 2008, 53, 2642-2648.	1.0	20
26	Isobaric Vapor-Liquid Equilibrium for Ethanol + Water + Potassium Nitrate. <i>Journal of Chemical &amp; Engineering Data</i> , 1996, 41, 66-69.	1.0	19
27	Isobaric Vapor-Liquid Equilibria for Water + Acetic Acid + Lithium Acetate. <i>Journal of Chemical &amp; Engineering Data</i> , 2001, 46, 1584-1588.	1.0	17
28	Apparent Molar Volumes of Strontium Chloride in Ethanol + Water at 298.15 K. <i>Journal of Chemical &amp; Engineering Data</i> , 1997, 42, 187-189.	1.0	16
29	Isobaric Vapor-Liquid and Liquid-Liquid Equilibria for Chloroform + Methanol + 1-Ethyl-3-methylimidazolium Trifluoromethanesulfonate at 100 kPa. <i>Journal of Chemical &amp; Engineering Data</i> , 2010, 55, 1209-1214.	1.0	16
30	Isobaric vapor-liquid equilibrium data for the ethanol-water-potassium acetate and ethanol-water-(potassium acetate/sodium acetate) systems. <i>Journal of Chemical &amp; Engineering Data</i> , 1991, 36, 274-277.	1.0	15
31	Isobaric vapor-liquid equilibria for 1-propanol + water + lithium chloride at 100 kPa. <i>Fluid Phase Equilibria</i> , 2004, 216, 47-52.	1.4	14
32	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.	1.0	14
33	Isobaric Vapor-Liquid Equilibrium for Ethanol + Water + Sodium Nitrate. <i>Journal of Chemical &amp; Engineering Data</i> , 1996, 41, 1097-1100.	1.0	13
34	Isobaric Vapor-Liquid Equilibrium for Ethanol + Water + Cobalt(II) Chloride. <i>Journal of Chemical &amp; Engineering Data</i> , 1994, 39, 763-766.	1.0	12
35	Isobaric Vapor-Liquid Equilibrium Data for the Ethanol-Water-Strontium Bromide System. <i>Journal of Chemical &amp; Engineering Data</i> , 1994, 39, 316-319.	1.0	12
36	Partial Molar Volumes of Strontium Bromide in Ethanol + Water Mixtures at 298.15 K. <i>Journal of Chemical &amp; Engineering Data</i> , 1995, 40, 662-664.	1.0	12

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37	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.	1.0	11
38	Apparent Molar Volumes of Calcium Nitrate in 1-Propanol + Water at 298.15 K. <i>Journal of Chemical &amp; Engineering Data</i> , 1999, 44, 1212-1215.	1.0	10
39	Isobaric vapor-liquid equilibria for 1-propanol+water+copper(II) chloride at 100kPa. <i>Fluid Phase Equilibria</i> , 2005, 227, 239-244.	1.4	10
40	Isobaric Vapor-Liquid Equilibrium for Ethanol + Water + Strontium Nitrate. <i>Journal of Chemical &amp; Engineering Data</i> , 1996, 41, 748-751.	1.0	9
41	Partial Molar Volumes of Cobalt(II) Chloride in Ethanol + Water at 298.15 K. <i>Journal of Chemical &amp; Engineering Data</i> , 1996, 41, 752-754.	1.0	8
42	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.	1.4	8
43	Isobaric Vapor-Liquid Equilibrium for Ethanol + Water + Strontium Chloride. <i>Journal of Chemical &amp; Engineering Data</i> , 1995, 40, 311-314.	1.0	7
44	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.	1.0	7
45	Isobaric Vapor-Liquid Equilibrium for Ethanol + Water + Copper(II) Chloride. <i>Journal of Chemical &amp; Engineering Data</i> , 1995, 40, 657-661.	1.0	6
46	Isobaric Vapor-Liquid Equilibria for Water + Acetic Acid + Potassium Acetate. <i>Journal of Chemical &amp; Engineering Data</i> , 2004, 49, 566-569.	1.0	6
47	Isobaric Vapor-Liquid Equilibria for Water + Acetic Acid + Sodium Acetate. <i>Journal of Chemical &amp; Engineering Data</i> , 2003, 48, 217-220.	1.0	4