

Ramon Bravo

List of Publications by Year in descending order

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49
papers

2,051
citations

218381

26
h-index

243296

44
g-index

50
all docs

50
docs citations

50
times ranked

826
citing authors

#	ARTICLE	IF	CITATIONS
1	Refractive indices, molar volumes and molar refractions of binary liquid mixtures: concepts and correlations Electronic supplementary information (ESI) available: Table of data (S1) and figures (S1–S5). See http://www.rsc.org/suppdata/cp/b2/b208765k /Presented in part at the 17th IUPAC Conference on Chemical Thermodynamics, July 2002, Rostok, Germany.. <i>Physical Chemistry Chemical Physics</i> , 2003, 5, 550-557.	1.3	279
2	Surface tensions and refractive indices of (tetrahydrofuran + n -alkanes) at T =298.15 K. <i>Journal of Chemical Thermodynamics</i> , 1999, 31, 931-942.	1.0	97
3	Refractive Index, Surface Tension, and Density of Aqueous Mixtures of Carboxylic Acids at 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 2006, 51, 1356-1360.	1.0	97
4	Heat Capacities, Excess Enthalpies, and Volumes of Mixtures Containing Cyclic Ethers. 4. Binary Systems 1,4-Dioxane + 1-Alkanols. <i>Journal of Chemical & Engineering Data</i> , 1999, 44, 948-954.	1.0	93
5	Thermodynamics of alkanoate+alkane binary mixtures. Concentration dependence of excess heat capacities and volumes. <i>Canadian Journal of Chemistry</i> , 1988, 66, 1179-1186.	0.6	84
6	Heat Capacities, Excess Enthalpies, and Volumes of Mixtures Containing Cyclic Ethers. 1. Binary Systems 1,4-Dioxane + n-Alkanes. <i>Journal of Chemical & Engineering Data</i> , 1998, 43, 105-111.	1.0	80
7	Application of the Prigogine-Flory-Patterson model to excess volumes of mixtures of tetrahydrofuran or tetrahydropyran with cyclohexane or toluene. <i>Thermochimica Acta</i> , 1996, 286, 297-306.	1.2	77
8	Prediction of Excess Volumes and Excess Surface Tensions from Experimental Refractive Indices. <i>Physics and Chemistry of Liquids</i> , 2000, 38, 251-260.	0.4	77
9	Title is missing!. <i>Journal of Solution Chemistry</i> , 2002, 31, 369-380.	0.6	72
10	Heat Capacities, Excess Enthalpies, and Volumes of Mixtures Containing Cyclic Ethers. 3. Binary Systems {Tetrahydrofuran, Tetrahydropyran, 1,4-Dioxane, or 1,3-Dioxolane + Cyclohexane or Toluene}. <i>Journal of Chemical & Engineering Data</i> , 1999, 44, 67-72.	1.0	68
11	Surface tension and density of mixtures of 1,3-dioxolane+alkanols at 298.15 K: analysis under the extended Langmuir model. <i>Journal of Colloid and Interface Science</i> , 2004, 272, 438-443.	5.0	67
12	Excess volumes of binary mixtures containing cyclic ethers + alkanols at 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 1993, 38, 141-142.	1.0	60
13	Refractive Indices and Surface Tensions of Binary Mixtures of 1,4-Dioxane + n-Alkanes at 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 2000, 45, 682-685.	1.0	58
14	Heat Capacities, Excess Enthalpies, and Volumes of Mixtures Containing Cyclic Ethers. 2. Binary Systems 1,3-Dioxolane + n-Alkanes. <i>Journal of Chemical & Engineering Data</i> , 1998, 43, 112-116.	1.0	57
15	Heat Capacities, Excess Enthalpies, and Volumes of Mixtures Containing Cyclic Ethers. 5. Binary Systems {1,3-Dioxolane + 1-Alkanols}. <i>Journal of Chemical & Engineering Data</i> , 1999, 44, 1341-1347.	1.0	54
16	Refractive Indices and Surface Tensions of Binary Mixtures of 1,4-Dioxane + 1-Alkanols at 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 2001, 46, 692-695.	1.0	51
17	Excess enthalpies of 1-heptanol + n-alkane and di-n-propylamine + normal alcohol mixtures at 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 1985, 30, 321-323.	1.0	48
18	A comprehensive approach to the surface tension of binary liquid mixtures. <i>Fluid Phase Equilibria</i> , 2001, 182, 337-352.	1.4	46

#	ARTICLE	IF	CITATIONS
19	Thermodynamics of Mixtures Involving Some Linear or Cyclic Ketones and Cyclic Ethers. 1. Systems Containing Tetrahydrofuran. <i>Journal of Chemical & Engineering Data</i> , 2002, 47, 351-358.	1.0	44
20	Dynamic surface tension, critical micelle concentration, and activity coefficients of aqueous solutions of nonyl phenol ethoxylates. <i>Fluid Phase Equilibria</i> , 2009, 282, 14-19.	1.4	43
21	Thermodynamic properties of binary mixtures containing esters. I. Analysis of the properties of n-alkanoate + n-alkane and n-alkanoate + n-alkanoate mixtures in terms of a quasichemical group-contribution model. <i>Fluid Phase Equilibria</i> , 1984, 17, 187-216.	1.4	40
22	Excess enthalpies of (tetrahydrofuran or tetrahydropyran + an n-alkane) at the temperature 298.15 K. <i>Journal of Chemical Thermodynamics</i> , 1994, 26, 29-33.	1.0	38
23	Densities and Viscosities of the Binary Mixtures Decanol + Some <i>n</i> -Alkanes at 298.15 K. <i>Physics and Chemistry of Liquids</i> , 1991, 22, 245-253.	0.4	37
24	Re-examination and symmetrization of the adjustable parameters of the ERAS model. <i>Fluid Phase Equilibria</i> , 2000, 173, 211-239.	1.4	35
25	Effect of alkane chain-length on the excess volume of a binary mixture containing a cyclic ether. <i>Journal of Chemical Thermodynamics</i> , 1993, 25, 337-341.	1.0	33
26	Thermodynamic Analysis of Surface Formation of {1,4-Dioxane + 1-Alkanol} Mixtures. <i>Journal of Colloid and Interface Science</i> , 2002, 253, 203-210.	5.0	30
27	Excess molar enthalpies of (n-octan-1-ol + an n-alkane) at 298.15 K and 308.15 K. <i>Journal of Chemical Thermodynamics</i> , 1990, 22, 633-638.	1.0	25
28	Thermodynamic Properties of Tetrahydropyran + 1-Alkanol Mixtures. <i>Journal of Chemical & Engineering Data</i> , 1994, 39, 926-928.	1.0	24
29	Thermodynamics of Mixtures Involving Some Linear or Cyclic Ketones and Cyclic Ethers. 2. Systems Containing Tetrahydropyran. <i>Journal of Chemical & Engineering Data</i> , 2003, 48, 712-719.	1.0	24
30	Excess molar enthalpies of (heptan-1-ol + an n-alkane) at 298.15 and 308.15 K. <i>Journal of Chemical Thermodynamics</i> , 1989, 21, 1207-1211.	1.0	22
31	Dependence upon temperature of the excess molar volumes of tetrahydropyran + n-alkane mixtures. <i>Canadian Journal of Chemistry</i> , 1995, 73, 375-379.	0.6	21
32	Excess molar enthalpies of (n-nonan-1-ol + an n-alkane) at 298.15 K and 308.15 K. <i>Journal of Chemical Thermodynamics</i> , 1990, 22, 1059-1065.	1.0	20
33	Thermodynamics of Mixtures Involving Some Linear or Cyclic Ketones and Cyclic Ethers. 4. Systems Containing 1,3-Dioxolane. <i>Journal of Chemical & Engineering Data</i> , 2004, 49, 647-657.	1.0	18
34	Discussion of the Influence of CO and CH ₄ in CO ₂ Transport, Injection, and Storage for CCS Technology. <i>Environmental Science & Technology</i> , 2014, 48, 10984-10992.	4.6	18
35	Thermodynamics of mixtures involving some (benzene derivatives+benzonitrile). <i>Journal of Chemical Thermodynamics</i> , 2007, 39, 561-567.	1.0	16
36	Excess molar volumes of (o-xylene + n-heptane + toluene or n-hex-1-ene) at the temperature 298.15 K. <i>Journal of Chemical Thermodynamics</i> , 1991, 23, 905-910.	1.0	14

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37	Excess molar enthalpies of (n-decan-1-ol + an n-alkane) at the temperatures 298.15 K and 308.15 K. Journal of Chemical Thermodynamics, 1991, 23, 679-686.	1.0	14
38	Enthalpies de mélange des 1-chloroalcanes avec les alcanes normaux et le tétrachlorure de carbone. Journal De Chimie Physique Et De Physico-Chimie Biologique, 1979, 76, 51-56.	0.2	13
39	Excess Volumes of Ternary Mixtures Containing Tetrahydropyran and Decane with 1-Alkanols at the Temperature 298.15 K. Journal of Chemical & Engineering Data, 1995, 40, 230-232.	1.0	12
40	Thermodynamics of secondary n-amine + n-alkane mixtures. Journal De Chimie Physique Et De Physico-Chimie Biologique, 1980, 77, 797-801.	0.2	11
41	Thermodynamics of Mixtures Involving Some Linear or Cyclic Ketones and Cyclic Ethers. 3. Systems Containing 1,4-Dioxane. Journal of Chemical & Engineering Data, 2003, 48, 1055-1061.	1.0	10
42	Viscometric study of binary mixtures of tetrahydrofuran or tetrahydropyran + cyclohexane or toluene. High Temperatures - High Pressures, 1997, 29, 127-134.	0.3	7
43	Excess Volumes of Ternary Mixtures 2,2,4-Trimethylpentane + Diisopropyl Ether or Methyl tert-Butyl Ether + Methanol, Ethanol, or 1-Propanol at 298.15 K. Journal of Chemical & Engineering Data, 2012, 57, 1139-1145.	1.0	5
44	Thermodynamic properties of a CO ₂ rich mixture (CO ₂ +CH ₃ OH) in conditions of interest for carbon dioxide capture and storage technology and other applications. Journal of Chemical Thermodynamics, 2016, 98, 272-281.	1.0	4
45	Excess Molar Volumes at the Temperature 308.15 K of the Ternary Mixtures (o-Xylene + n-Heptane + Toluene). Journal of Chemical Thermodynamics, 2016, 98, 1033-1041.	0.4	3
46	Excess volumes of (tetrahydropyran + heptane + heptan-1-ol or octan-1-ol) at the temperature 298.15 K. Journal of Chemical Thermodynamics, 1994, 26, 803-807.	1.0	3
47	Excess volumes for (tetrahydrofuran + heptane + heptan-1-ol or octan-1-ol) at the temperature 298.15 K. Journal of Chemical Thermodynamics, 1995, 27, 1221-1226.	1.0	2
48	Darc analysis of binary mixtures. Excess enthalpies of ketone + alkane and ketone + alcohol systems. Thermochimica Acta, 1989, 156, 21-26.	1.2	0
49	A group interaction model for liquids. Application to liquid n-alkanes and n-Alkane + n-alkane liquid mixtures. Journal De Chimie Physique Et De Physico-Chimie Biologique, 1983, 80, 225-232.	0.2	0