

Ramon Bravo

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

48
papers

1,880
citations

25
h-index

43
g-index

50
ext. papers

1,935
ext. citations

3
avg, IF

3.89
L-index

#	Paper	IF	Citations
48	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. <i>Journal of Chemical Thermodynamics</i> , 2016 , 98, 272-281	2.9	4
47	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, 10984-92	10.3	16
46	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. <i>Journal of Chemical & Engineering Data</i> , 2012 , 57, 1139-1145	2.8	3
45	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	2.5	29
44	Thermodynamics of mixtures involving some (benzene derivatives+benzonitrile). <i>Journal of Chemical Thermodynamics</i> , 2007 , 39, 561-567	2.9	15
43	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	2.8	83
42	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, 438-43	9.3	64
41	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	2.8	16
40	Refractive indices, molar volumes and molar refractions of binary liquid mixtures: concepts and correlations. <i>Physical Chemistry Chemical Physics</i> , 2003 , 5, 550-557	3.6	257
39	Thermodynamics of Mixtures Involving Some Linear or Cyclic Ketones and Cyclic Ethers. 3. Systems Containing 1,4-Dioxane. <i>Journal of Chemical & Engineering Data</i> , 2003 , 48, 1055-1061	2.8	9
38	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	2.8	21
37	Thermodynamic analysis of surface formation of {1,4-dioxane + 1-alkanol} mixtures. <i>Journal of Colloid and Interface Science</i> , 2002 , 253, 203-10	9.3	28
36	Refractive Indexes of Binary Mixtures of Tetrahydrofuran with 1-Alkanols at 25°C and Temperature Dependence of n and \bar{V} for the Pure Liquids. <i>Journal of Solution Chemistry</i> , 2002 , 31, 369-380	1.8	66
35	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	2.8	42
34	A comprehensive approach to the surface tension of binary liquid mixtures. <i>Fluid Phase Equilibria</i> , 2001 , 182, 337-352	2.5	42
33	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	2.8	50
32	Re-examination and symmetrization of the adjustable parameters of the ERAS model. <i>Fluid Phase Equilibria</i> , 2000 , 173, 211-239	2.5	34

31	Prediction of Excess Volumes and Excess Surface Tensions from Experimental Refractive Indices. <i>Physics and Chemistry of Liquids</i> , 2000 , 38, 251-260	1.5	73
30	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	2.8	57
29	Surface tensions and refractive indices of (tetrahydrofuran + n -alkanes) at T =298.15 K. <i>Journal of Chemical Thermodynamics</i> , 1999 , 31, 931-942	2.9	91
28	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	2.8	60
27	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	2.8	51
26	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	2.8	91
25	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	2.8	54
24	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	2.8	75
23	Viscometric study of binary mixtures of tetrahydrofuran or tetrahydropyran + cyclohexane or toluene. <i>High Temperatures - High Pressures</i> , 1997 , 29, 127-134	1.3	7
22	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	2.9	70
21	Excess Volumes of Ternary Mixtures Containing Tetrahydropyran and Decane with 1-Alkanols at the Temperature 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 1995 , 40, 230-232	2.8	12
20	Dependence upon temperature of the excess molar volumes of tetrahydropyran + n-alkane mixtures. <i>Canadian Journal of Chemistry</i> , 1995 , 73, 375-379	0.9	21
19	Excess volumes for (tetrahydrofuran + heptane + heptan-1-ol or octan-1-ol) at the temperature 298.15 K. <i>Journal of Chemical Thermodynamics</i> , 1995 , 27, 1221-1226	2.9	2
18	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	2.9	34
17	Excess volumes of (tetrahydropyran + heptane + heptan-1-ol or octan-1-ol) at the temperature 298.15 K. <i>Journal of Chemical Thermodynamics</i> , 1994 , 26, 803-807	2.9	3
16	Thermodynamic Properties of Tetrahydropyran + 1-Alkanol Mixtures. <i>Journal of Chemical & Engineering Data</i> , 1994 , 39, 926-928	2.8	23
15	Excess volumes of binary mixtures containing cyclic ethers + alkanols at 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 1993 , 38, 141-142	2.8	57
14	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	2.9	31

13	Excess Molar Volumes at the Temperature 308.15 K of the Ternary Mixtures (o-Xylene + n-Heptane + Toluene Or n-Hex-1-Ene). <i>Physics and Chemistry of Liquids</i> , 1992 , 24, 239-248	1.5	2
12	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	2.9	11
11	Excess molar enthalpies of (n-decan-1-ol + an n-alkane) at the temperatures 298.15 K and 308.15 K. <i>Journal of Chemical Thermodynamics</i> , 1991 , 23, 679-686	2.9	14
10	Densities and Viscosities of the Binary Mixtures Decanol + Some n-Alkanes at 298.15 K. <i>Physics and Chemistry of Liquids</i> , 1991 , 22, 245-253	1.5	25
9	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	2.9	23
8	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	2.9	19
7	Darc analysis of binary mixtures. Excess enthalpies of ketone + alkane and ketone + alcohol systems. <i>Thermochimica Acta</i> , 1989 , 156, 21-26	2.9	
6	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	2.9	21
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	0.9	73
4	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	2.8	43
3	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	2.5	37
2	Thermodynamics of secondary n-amine + n-alkane mixtures. <i>Journal De Chimie Physique Et De Physico-Chimie Biologique</i> , 1980 , 77, 797-801		9
1	Enthalpies de mélange des 1-chloroalcanes avec les alcanes normaux et le tétrachlorure de carbone. <i>Journal De Chimie Physique Et De Physico-Chimie Biologique</i> , 1979 , 76, 51-56		12