

# Ramon Bravo

## List of Publications by Citations

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48  
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43  
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50  
ext. papers

1,935  
ext. citations

3  
avg, IF

3.89  
L-index

#	Paper	IF	Citations
48	Refractive indices, molar volumes and molar refractions of binary liquid mixtures: concepts and correlations. <i>Physical Chemistry Chemical Physics</i> , <b>2003</b> , 5, 550-557	3.6	257
47	Surface tensions and refractive indices of (tetrahydrofuran + n -alkanes) at T =298.15 K. <i>Journal of Chemical Thermodynamics</i> , <b>1999</b> , 31, 931-942	2.9	91
46	Heat Capacities, Excess Enthalpies, and Volumes of Mixtures Containing Cyclic Ethers. 4. Binary Systems 1,4-Dioxane + 1-Alkanols. <i>Journal of Chemical &amp; Engineering Data</i> , <b>1999</b> , 44, 948-954	2.8	91
45	Refractive Index, Surface Tension, and Density of Aqueous Mixtures of Carboxylic Acids at 298.15 K. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2006</b> , 51, 1356-1360	2.8	83
44	Heat Capacities, Excess Enthalpies, and Volumes of Mixtures Containing Cyclic Ethers. 1. Binary Systems 1,4-Dioxane + n-Alkanes. <i>Journal of Chemical &amp; Engineering Data</i> , <b>1998</b> , 43, 105-111	2.8	75
43	Prediction of Excess Volumes and Excess Surface Tensions from Experimental Refractive Indices. <i>Physics and Chemistry of Liquids</i> , <b>2000</b> , 38, 251-260	1.5	73
42	Thermodynamics of alkanoate + alkane binary mixtures. Concentration dependence of excess heat capacities and volumes. <i>Canadian Journal of Chemistry</i> , <b>1988</b> , 66, 1179-1186	0.9	73
41	Application of the Prigogine-Flory-Patterson model to excess volumes of mixtures of tetrahydrofuran or tetrahydropyran with cyclohexane or toluene. <i>Thermochimica Acta</i> , <b>1996</b> , 286, 297-306	2.9	70
40	Refractive Indexes of Binary Mixtures of Tetrahydrofuran with 1-Alkanols at 25°C and Temperature Dependence of n and l for the Pure Liquids. <i>Journal of Solution Chemistry</i> , <b>2002</b> , 31, 369-380	1.8	66
39	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> , <b>2004</b> , 272, 438-43	9.3	64
38	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 &amp; Engineering Data</i> , <b>1999</b> , 44, 67-72	2.8	60
37	Refractive Indices and Surface Tensions of Binary Mixtures of 1,4-Dioxane + n-Alkanes at 298.15 K. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2000</b> , 45, 682-685	2.8	57
36	Excess volumes of binary mixtures containing cyclic ethers + alkanols at 298.15 K. <i>Journal of Chemical &amp; Engineering Data</i> , <b>1993</b> , 38, 141-142	2.8	57
35	Heat Capacities, Excess Enthalpies, and Volumes of Mixtures Containing Cyclic Ethers. 2. Binary Systems 1,3-Dioxolane + n-Alkanes. <i>Journal of Chemical &amp; Engineering Data</i> , <b>1998</b> , 43, 112-116	2.8	54
34	Heat Capacities, Excess Enthalpies, and Volumes of Mixtures Containing Cyclic Ethers. 5. Binary Systems {1,3-Dioxolane + 1-Alkanols}. <i>Journal of Chemical &amp; Engineering Data</i> , <b>1999</b> , 44, 1341-1347	2.8	51
33	Refractive Indices and Surface Tensions of Binary Mixtures of 1,4-Dioxane + 1-Alkanols at 298.15 K. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2001</b> , 46, 692-695	2.8	50
32	Excess enthalpies of 1-heptanol + n-alkane and di-n-propylamine + normal alcohol mixtures at 298.15 K. <i>Journal of Chemical &amp; Engineering Data</i> , <b>1985</b> , 30, 321-323	2.8	43

31	A comprehensive approach to the surface tension of binary liquid mixtures. <i>Fluid Phase Equilibria</i> , <b>2001</b> , 182, 337-352	2.5	42
30	Thermodynamics of Mixtures Involving Some Linear or Cyclic Ketones and Cyclic Ethers. 1. Systems Containing Tetrahydrofuran. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2002</b> , 47, 351-358	2.8	42
29	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> , <b>1984</b> , 17, 187-216	2.5	37
28	Re-examination and symmetrization of the adjustable parameters of the ERAS model. <i>Fluid Phase Equilibria</i> , <b>2000</b> , 173, 211-239	2.5	34
27	Excess enthalpies of (tetrahydrofuran or tetrahydropyran + an n-alkane) at the temperature 298.15 K. <i>Journal of Chemical Thermodynamics</i> , <b>1994</b> , 26, 29-33	2.9	34
26	Effect of alkane chain-length on the excess volume of a binary mixture containing a cyclic ether. <i>Journal of Chemical Thermodynamics</i> , <b>1993</b> , 25, 337-341	2.9	31
25	Dynamic surface tension, critical micelle concentration, and activity coefficients of aqueous solutions of nonyl phenol ethoxylates. <i>Fluid Phase Equilibria</i> , <b>2009</b> , 282, 14-19	2.5	29
24	Thermodynamic analysis of surface formation of {1,4-dioxane + 1-alkanol} mixtures. <i>Journal of Colloid and Interface Science</i> , <b>2002</b> , 253, 203-10	9.3	28
23	Densities and Viscosities of the Binary Mixtures Decanol + Some n-Alkanes at 298.15 K. <i>Physics and Chemistry of Liquids</i> , <b>1991</b> , 22, 245-253	1.5	25
22	Thermodynamic Properties of Tetrahydropyran + 1-Alkanol Mixtures. <i>Journal of Chemical &amp; Engineering Data</i> , <b>1994</b> , 39, 926-928	2.8	23
21	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> , <b>1990</b> , 22, 633-638	2.9	23
20	Thermodynamics of Mixtures Involving Some Linear or Cyclic Ketones and Cyclic Ethers. 2. Systems Containing Tetrahydropyran. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2003</b> , 48, 712-719	2.8	21
19	Dependence upon temperature of the excess molar volumes of tetrahydropyran + n-alkane mixtures. <i>Canadian Journal of Chemistry</i> , <b>1995</b> , 73, 375-379	0.9	21
18	Excess molar enthalpies of (heptan-1-ol + an n-alkane) at 298.15 and 308.15 K. <i>Journal of Chemical Thermodynamics</i> , <b>1989</b> , 21, 1207-1211	2.9	21
17	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> , <b>1990</b> , 22, 1059-1065	2.9	19
16	Discussion of the influence of CO and CH <sub>4</sub> in CO <sub>2</sub> transport, injection, and storage for CCS technology. <i>Environmental Science &amp; Technology</i> , <b>2014</b> , 48, 10984-92	10.3	16
15	Thermodynamics of Mixtures Involving Some Linear or Cyclic Ketones and Cyclic Ethers. 4. Systems Containing 1,3-Dioxolane. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2004</b> , 49, 647-657	2.8	16
14	Thermodynamics of mixtures involving some (benzene derivatives+benzonitrile). <i>Journal of Chemical Thermodynamics</i> , <b>2007</b> , 39, 561-567	2.9	15

13	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> , <b>1991</b> , 23, 679-686	2.9	14
12	Excess Volumes of Ternary Mixtures Containing Tetrahydropyran and Decane with 1-Alkanols at the Temperature 298.15 K. <i>Journal of Chemical &amp; Engineering Data</i> , <b>1995</b> , 40, 230-232	2.8	12
11	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> , <b>1979</b> , 76, 51-56		12
10	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> , <b>1991</b> , 23, 905-910	2.9	11
9	Thermodynamics of Mixtures Involving Some Linear or Cyclic Ketones and Cyclic Ethers. 3. Systems Containing 1,4-Dioxane. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2003</b> , 48, 1055-1061	2.8	9
8	Thermodynamics of secondary n-amine + n-alkane mixtures. <i>Journal De Chimie Physique Et De Physico-Chimie Biologique</i> , <b>1980</b> , 77, 797-801		9
7	Viscometric study of binary mixtures of tetrahydrofuran or tetrahydropyran + cyclohexane or toluene. <i>High Temperatures - High Pressures</i> , <b>1997</b> , 29, 127-134	1.3	7
6	Thermodynamic properties of a CO <sub>2</sub> rich mixture (CO <sub>2</sub> +CH <sub>3</sub> OH) in conditions of interest for carbon dioxide capture and storage technology and other applications. <i>Journal of Chemical Thermodynamics</i> , <b>2016</b> , 98, 272-281	2.9	4
5	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 &amp; Engineering Data</i> , <b>2012</b> , 57, 1139-1145	2.8	3
4	Excess volumes of (tetrahydropyran + heptane + heptan-1-ol or octan-1-ol) at the temperature 298.15 K. <i>Journal of Chemical Thermodynamics</i> , <b>1994</b> , 26, 803-807	2.9	3
3	Excess volumes for (tetrahydrofuran + heptane + heptan-1-ol or octan-1-ol) at the temperature 298.15 K. <i>Journal of Chemical Thermodynamics</i> , <b>1995</b> , 27, 1221-1226	2.9	2
2	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> , <b>1992</b> , 24, 239-248	1.5	2
1	Darc analysis of binary mixtures. Excess enthalpies of ketone + alkane and ketone + alcohol systems. <i>Thermochimica Acta</i> , <b>1989</b> , 156, 21-26	2.9	