

Legido Jose Luis

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.

186
papers

4,050
citations

32
h-index

52
g-index

188
ext. papers

4,318
ext. citations

3
avg, IF

5.05
L-index

#	Paper	IF	Citations
186	Study of bacterial sensitivity in zinc sulfate solutions by microcalorimetry. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018 , 133, 773-777	4.1	2
185	Specific heat of mixtures of kaolin with sea water or distilled water for their use in thermotherapy. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017 , 130, 479-484	4.1	4
184	The mineralogical, geochemical, and thermophysical characterization of healing saline mud for use in pelotherapy. <i>Applied Clay Science</i> , 2017 , 135, 119-128	5.2	21
183	Study of the growth of Enterococcus faecalis, Escherichia coli and their mixtures by microcalorimetry. <i>Journal of Thermal Analysis and Calorimetry</i> , 2016 , 125, 739-744	4.1	11
182	Ultrasonic bacterial treatment of mineral waters: a study on S. epidermidis, S. warneri, P. aeruginosa and P. mirabilis. <i>Environmental Earth Sciences</i> , 2015 , 73, 2863-2868	2.9	6
181	Microcalorimetric study of the growth of Enterococcus faecalis, Pseudomonas aeruginosa and their mixtures in an enriched culture medium. <i>Journal of Thermal Analysis and Calorimetry</i> , 2015 , 121, 463-468	4.1	5
180	Study of Adsorption and Flocculation Properties of Natural Clays to Remove Procentrum lima. <i>Toxins</i> , 2015 , 7, 3977-88	4.9	9
179	Specific heat of metal oxide nanofluids at high concentrations for heat transfer. <i>International Journal of Heat and Mass Transfer</i> , 2015 , 88, 872-879	4.9	77
178	Microcalorimetric method to determine ceftazidime and piperacillin/tazobactam susceptibility in Pseudomonas aeruginosa. <i>Journal of Thermal Analysis and Calorimetry</i> , 2015 , 121, 353-360	4.1	4
177	Oil pollution detection using spectral fluorescent signatures (SFS). <i>Environmental Earth Sciences</i> , 2015 , 73, 2909-2915	2.9	2
176	Thermal conductivity of dry anatase and rutile nano-powders and ethylene and propylene glycol-based TiO ₂ nanofluids. <i>Journal of Chemical Thermodynamics</i> , 2015 , 83, 67-76	2.9	67
175	Thermal conductivity and density of clay pastes at various water contents for pelotherapy use. <i>Applied Clay Science</i> , 2014 , 93-94, 23-27	5.2	13
174	Experimental and predicted data of excess molar enthalpies and excess molar volumes for the ternary system (1,3-dichlorobenzene + benzene + 1-chlorohexane) at T = 298.15 K. <i>Journal of Chemical Thermodynamics</i> , 2014 , 73, 190-196	2.9	1
173	Experimental and Nitta-Chao model prediction of high pressure density of p-xylene with dialkyl carbonates or n-alkanes. <i>Journal of Chemical Thermodynamics</i> , 2014 , 69, 193-200	2.9	4
172	Assessment of three Spanish clays for their use in pelotherapy. <i>Applied Clay Science</i> , 2014 , 99, 131-143	5.2	40
171	Group-Contribution Method with Proximity Effect for PC-SAFT Molecular Parameters. 2. Application to Association Parameters: Primary Alcohols and Amines. <i>Industrial & Engineering Chemistry Research</i> , 2014 , 53, 909-919	3.9	13
170	Thermophysical profile of ethylene glycol-based ZnO nanofluids. <i>Journal of Chemical Thermodynamics</i> , 2014 , 73, 23-30	2.9	84

- 169 Contribution to study of the thermodynamics properties of mixtures containing 2-methoxy-2-methylpropane, alkanol, alkane. *Journal of Chemical Thermodynamics*, **2014**, 73, 224-231 2.9 7
- 168 Microcalorimetric study of the growth of *Enterococcus faecalis*, *Klebsiella pneumoniae* and their mixtures in an enriched culture medium. *Journal of Thermal Analysis and Calorimetry*, **2013**, 113, 1415-1420 4.1 7
- 167 Experimental and theoretical excess molar enthalpies of ternary and binary mixtures containing 2-Methoxy-2-Methylpropane, 1-propanol, heptane. *Journal of Chemical Thermodynamics*, **2013**, 66, 95-101 2.9 4
- 166 Differentiation Between (*Staphylococcus aureus*) and (*Staphylococcus epidermidis*) Using Microcalorimetry. *International Journal of Thermophysics*, **2013**, 34, 1039-1048 2.1 3
- 165 Peloids and pelotherapy: Historical evolution, classification and glossary. *Applied Clay Science*, **2013**, 75-76, 28-38 5.2 87
- 164 Thermal conductivity and specific heat capacity measurements of Al₂O₃ nanofluids. *Journal of Thermal Analysis and Calorimetry*, **2013**, 111, 1615-1625 4.1 102
- 163 Thermal behavior of mixtures of bentonitic clay and saline solutions. *Applied Clay Science*, **2013**, 72, 18-25 5.2 25
- 162 Volumetric properties of (dialkyl carbonate + n-alkane) mixtures at high pressures: Experimental measurement and Nitta-Chao model prediction. *Journal of Chemical Thermodynamics*, **2013**, 58, 245-253 2.9 13
- 161 Surface Tension of Dialkyl Carbonates + (Alkanes or 1,4-Dimethylbenzene) and 1,4-Dimethylbenzene + Alkanes Binary Mixtures at T = 308.15 K. *Journal of Chemical & Engineering Data*, **2013**, 58, 758-763 2.8 16
- 160 Influence of dilution on the thermophysical properties of Dax peloid (TERDAX[®]). *Thermochimica Acta*, **2012**, 539, 34-38 2.9 14
- 159 Thermophysical properties of (diphenyl ether+biphenyl) mixtures for their use as heat transfer fluids. *Journal of Chemical Thermodynamics*, **2012**, 50, 80-88 2.9 36
- 158 Microcalorimetric study of the growth of *Enterococcus faecalis* in an enriched culture medium. *Journal of Thermal Analysis and Calorimetry*, **2012**, 108, 665-670 4.1 8
- 157 Magnetic silica nanoparticle cellular uptake and cytotoxicity regulated by electrostatic polyelectrolytes-DNA loading at their surface. *ACS Nano*, **2012**, 6, 747-59 16.7 37
- 156 Excess Molar Enthalpies of Ternary and Binary Mixtures Containing 2-Methoxy-2-Methylpropane, Ethanol, and Nonane. *Journal of Chemical & Engineering Data*, **2012**, 57, 400-405 2.8 4
- 155 Enhancement of thermal conductivity and volumetric behavior of Fe₃O₄ nanofluids. *Journal of Applied Physics*, **2011**, 110, 014309 2.5 87
- 154 Specific heat of mixtures of bentonitic clay with sea water or distilled water for their use in thermotherapy. *Thermochimica Acta*, **2011**, 524, 68-73 2.9 26
- 153 Thermophysical properties for (diethyl carbonate+p-xylene+octane) ternary system. *Journal of Chemical Thermodynamics*, **2011**, 43, 1984-1990 2.9 1
- 152 Microcalorimetric study on the growth and metabolism of *Pseudomonas aeruginosa*. *Journal of Thermal Analysis and Calorimetry*, **2011**, 105, 651-655 4.1 16

151	Thermal conductivity and viscosity measurements of ethylene glycol-based Al ₂ O ₃ nanofluids. <i>Nanoscale Research Letters</i> , 2011 , 6, 221	5	145
150	Rheological non-Newtonian behaviour of ethylene glycol-based Fe ₂ O ₃ nanofluids. <i>Nanoscale Research Letters</i> , 2011 , 6, 560	5	89
149	CuO in water nanofluid: Influence of particle size and polydispersity on volumetric behaviour and viscosity. <i>Fluid Phase Equilibria</i> , 2011 , 300, 188-196	2.5	182
148	Amorphous tunable-size Co-B magnetic nanoparticles from the cobalt-catalyzed NaBH ₄ hydrolysis. <i>Physical Chemistry Chemical Physics</i> , 2011 , 13, 20146-54	3.6	19
147	Calculation of interfacial properties using molecular simulation with the reaction field method: Results for different water models. <i>Journal of Chemical Physics</i> , 2010 , 132, 184102	3.9	31
146	Group-Contribution Method for the Molecular Parameters of the PC-SAFT Equation of State Taking into Account the Proximity Effect. Application to Nonassociated Compounds. <i>Industrial & Engineering Chemistry Research</i> , 2010 , 49, 9394-9406	3.9	35
145	Measurement of the thermal conductivity of clays used in pelotherapy by the multi-current hot-wire technique. <i>Applied Clay Science</i> , 2010 , 50, 423-426	5.2	23
144	Excess molar enthalpies of dichloropropane + n-alkane mixtures. <i>Journal of Thermal Analysis and Calorimetry</i> , 2010 , 101, 1121-1125	4.1	2
143	Study on the effect of increasing the chain length of the alkanol in excess molar enthalpies of mixtures containing 2-methoxy-2-methylpropane, 1-alkanol, decane. <i>Fluid Phase Equilibria</i> , 2010 , 296, 37-41	2.5	4
142	Calibration of a low temperature calorimeter and application in the determination of isobaric heat capacity of 2-propanol. <i>Thermochimica Acta</i> , 2010 , 507-508, 123-126	2.9	10
141	Analysis of Surface Tension, Density, and Speed of Sound for the Ternary Mixture Dimethyl Carbonate + p-Xylene + n-Octane. <i>Journal of Chemical & Engineering Data</i> , 2009 , 54, 1056-1062	2.8	16
140	Study of static permittivity and density of the systems {(n-nonane+monoglyme or diglyme)} at various temperatures. <i>Journal of Chemical Thermodynamics</i> , 2009 , 41, 257-264	2.9	39
139	Surface tension, density, and speed of sound for the ternary mixture {diethyl carbonate+p-xylene+decane}. <i>Journal of Chemical Thermodynamics</i> , 2009 , 41, 695-704	2.9	29
138	Excess Molar Enthalpies of Ternary and Binary Mixtures Containing 2-Methoxy-2-methylpropane, 1-Propanol, and Nonane. <i>Journal of Chemical & Engineering Data</i> , 2009 , 54, 1692-1697	2.8	6
137	Excess Enthalpy, Density, and Speed of Sound for the Ternary Mixture Methyl tert-Butyl Ether (1) + Butan-1-ol (2) + Octane (3). <i>Journal of Chemical & Engineering Data</i> , 2009 , 54, 453-458	2.8	7
136	A study on stability and thermophysical properties (density and viscosity) of Al ₂ O ₃ in water nanofluid. <i>Journal of Applied Physics</i> , 2009 , 106, 064301	2.5	134
135	Ternary mixture MTBE+1-pentanol+nonane at 298.15 K and atmospheric pressure. <i>Journal of Thermal Analysis and Calorimetry</i> , 2008 , 92, 179-183	4.1	2
134	Excess enthalpies of ternary mixture consisting of tert-butyl methyl ether, ethanol and heptane. <i>Journal of Thermal Analysis and Calorimetry</i> , 2008 , 92, 185-189	4.1	8

133	Study of the effect of increasing the chain length of the alkane in excess molar enthalpies of mixtures containing methyl tert-butyl ether, 1-propanol, alkane. <i>Fluid Phase Equilibria</i> , 2008 , 271, 6-12	2.5	8
132	Physical properties of ionic liquids based on 1-alkyl-3-methylimidazolium cation and hexafluorophosphate as anion and temperature dependence. <i>Journal of Chemical Thermodynamics</i> , 2007 , 39, 1168-1175	2.9	197
131	Excess enthalpy, density, and speed of sound determination for the ternary mixture (methyl tert-butyl ether + 1-butanol + n-hexane). <i>Journal of Chemical Thermodynamics</i> , 2007 , 39, 1247-1256	2.9	16
130	Analysis of the thermodynamic properties of (1-chloroalkane+1-alkanol) mixtures using the NittaThao group contribution model. <i>Journal of Chemical Thermodynamics</i> , 2007 , 39, 1399-1403	2.9	2
129	Excess molar enthalpies of the ternary system MTBE+ethanol+octane. <i>Journal of Thermal Analysis and Calorimetry</i> , 2007 , 88, 607-611	4.1	9
128	Determination of excess molar enthalpies for the ternary system p-xylene+octane+diethyl carbonate. <i>Journal of Thermal Analysis and Calorimetry</i> , 2007 , 88, 583-586	4.1	
127	Excess molar enthalpies of the ternary system p-xylene+decane+diethyl carbonate. <i>Journal of Thermal Analysis and Calorimetry</i> , 2007 , 88, 613-616	4.1	
126	Experimental and theoretically estimated excess molar enthalpies for tert-butyl methyl ether+ 1-pentanol+octane at 298.15 K. <i>Journal of Thermal Analysis and Calorimetry</i> , 2007 , 89, 73-79	4.1	12
125	Comparative study of the cooling rates of bentonite, sepiolite and common clays for their use in pelotherapy. <i>Applied Clay Science</i> , 2007 , 36, 148-160	5.2	46
124	Density and surface tension variation with temperature for n-nonane + 1-hexanol. <i>Fluid Phase Equilibria</i> , 2006 , 245, 32-36	2.5	29
123	Density and Surface Tension Variation with Temperature for Heptane + 1-Alkanol. <i>Journal of Chemical & Engineering Data</i> , 2006 , 51, 1778-1782	2.8	61
122	Experimental (P, V, T, x) Data for the Mixture Ethyl Nonafluorobutyl Ether + n-Hexane. <i>Journal of Chemical & Engineering Data</i> , 2006 , 51, 577-581	2.8	5
121	Experimental excess molar volumes of the ternary mixture and comparison with several empirical methods. <i>Journal of Thermal Analysis and Calorimetry</i> , 2006 , 84, 279-283	4.1	4
120	Solubility of oxygen in substituted perfluorocarbons. <i>Fluid Phase Equilibria</i> , 2005 , 238, 7-12	2.5	22
119	Determination of excess molar enthalpies of the ternary system methyl tert-butyl ether + 1-pentanol + nonane at 298.15 K: Analysis and comparison with predicted values of the UNIFAC model and some empirical methods. <i>Fluid Phase Equilibria</i> , 2005 , 232, 16-24	2.5	15
118	Experimental and predicted enthalpies of mixing of mixtures formed from alcohols and sunflower oil at 298.15 K. <i>JAOCs, Journal of the American Oil Chemists Society</i> , 2005 , 82, 141-146	1.8	
117	Determination of experimental excess molar properties for MTBE+1-propanol+octane. <i>Journal of Thermal Analysis and Calorimetry</i> , 2005 , 80, 245-251	4.1	19
116	Thermodynamic properties of the ternary system MTBE+1-propanol+hexane. <i>Journal of Thermal Analysis and Calorimetry</i> , 2005 , 80, 303-309	4.1	18

115	Study on volumetric measurement and correlations for MTBE+1-propanol+decane at 298.15 K and atmospheric pressure. <i>Journal of Thermal Analysis and Calorimetry</i> , 2005 , 80, 317-321	4.1	7
114	Measurements and analysis of excess molar volumes for the ternary mixture MTBE + 1-pentanol + decane. <i>Journal of Thermal Analysis and Calorimetry</i> , 2005 , 80, 323-327	4.1	7
113	Application of several empirical methods to MTBE+1-pentanol+octane. <i>Journal of Thermal Analysis and Calorimetry</i> , 2005 , 80, 329-332	4.1	8
112	Excess molar volumes for methyl tert-butyl ether(MTBE)+1-pentanol+heptane at 298.15 K. <i>Journal of Thermal Analysis and Calorimetry</i> , 2005 , 80, 333-337	4.1	8
111	Experimental and predicted excess molar volumes of the ternary system.. <i>Journal of Thermal Analysis and Calorimetry</i> , 2005 , 80, 345-349	4.1	7
110	Experimental and Predicted Excess Molar Enthalpies of the Ternary System tert-Butyl Methyl Ether + 1-Pentanol + Decane at 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 2004 , 49, 1703-1709	2.8	13
109	Measurement and Prediction of Excess Molar Enthalpies and Excess Molar Volumes of the Ternary System 1,3-Dichlorobenzene + Benzene + Hexane at 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 2004 , 49, 928-932	2.8	1
108	High-pressure speed of sound measurements in methyl nonafluorobutyl ether and ethyl nonafluorobutyl ether. <i>Fluid Phase Equilibria</i> , 2004 , 222-223, 297-302	2.5	12
107	Experimental enthalpies of mixtures of alkylfluoroethers + n-alkanes at 298.15 K. <i>Fluid Phase Equilibria</i> , 2004 , 218, 41-45	2.5	2
106	Determination of high-pressure liquid density for n-perfluorohexane and n-perfluorononane. <i>Fluid Phase Equilibria</i> , 2004 , 220, 127-136	2.5	32
105	High-Pressure Densities of the Binary Mixture Methyl Nonafluorobutyl Ether + Hexane. <i>Journal of Chemical & Engineering Data</i> , 2004 , 49, 1368-1372	2.8	7
104	Description of PVT behaviour of hydrofluoroethers using the PC-SAFT EOS. <i>Physical Chemistry Chemical Physics</i> , 2004 , 6, 766-770	3.6	57
103	Relative permittivities of binary mixtures of 1-butanol + n-alkane AT 298.15 k. <i>Journal of Thermal Analysis and Calorimetry</i> , 2003 , 72, 129-133	4.1	22
102	PVT Measurements of Nonafluorobutyl Methyl Ether and Nonafluorobutyl Ethyl Ether Between 283.15 and 323.15 K at Pressures Up to 40 MPa. <i>International Journal of Thermophysics</i> , 2003 , 24, 1265-1276	2.7	40
101	Experimental and theoretical study of excess molar volumes and enthalpies for the ternary mixture butyl butyrate + 1-octanol + decane at 308.15 K. <i>Thermochimica Acta</i> , 2003 , 405, 147-154	2.9	1
100	Estimation of carbonate-alcohol interaction parameters for Nitta-Chao group contribution model: application of a Genetic Algorithm. <i>Fluid Phase Equilibria</i> , 2003 , 212, 165-174	2.5	5
99	An intelligent system for forest fire risk prediction and fire fighting management in Galicia. <i>Expert Systems With Applications</i> , 2003 , 25, 545-554	7.8	68
98	Excess Molar Enthalpies of Propyl Propanoate + 1-Hexanol + Benzene at the Temperatures 25 °C and 35 °C <i>Journal of Chemical & Engineering Data</i> , 2003 , 48, 763-767	2.8	3

97	Mixing Properties for the Ternary Mixture Methyltert-Butyl Ether + 1-Butanol + Decane at 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 2003 , 48, 758-762	2.8	23
96	Excess Molar Enthalpies and Excess Molar Volumes of the Ternary System 1,2-Dichlorobenzene + Benzene + 1-Chlorohexane at 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 2003 , 48, 646-651	2.8	3
95	Experimental and theoretically estimated excess molar enthalpies for (ethyl propionate+n -hexane + 1-pentanol) at T= 298.15 K. <i>Journal of Chemical Thermodynamics</i> , 2002 , 34, 961-972	2.9	5
94	Relative permittivity increments for the binary mixture (methanol+polyethylene glycol dimethyl ether 250) at the temperatures from 283.15K to 323.15K. <i>Journal of Chemical Thermodynamics</i> , 2002 , 34, 1751-1759	2.9	12
93	Temperature dependence of volumetric behaviour for methyl tert-butylether+1-butanol system. <i>Magyar Árvad Kémlelyek</i> , 2002 , 70, 235-241	0	8
92	Excess molar enthalpies at 298.15 k of the binary mixtures. <i>Magyar Árvad Kémlelyek</i> , 2002 , 70, 251-254	0	19
91	Determination of Excess Molar Enthalpies of 1,2-Dichloroalkane + 1-Butanol or 1-Heptanol Mixtures at 298.15 K. Analysis and Comparison with Predicted Values of UNIFAC. <i>Journal of Chemical & Engineering Data</i> , 2002 , 47, 411-415	2.8	9
90	Study on Excess Molar Enthalpies and Excess Molar Volumes of the Binary Systems 1,2-Dichlorobenzene + (Benzene, Hexane, 1-Chlorohexane) and 1,3-Dichlorobenzene + (Benzene, Hexane, 1-Chlorohexane) at 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 2002 , 47, 4-7	2.8	23
89	Excess Molar Enthalpies and Excess Molar Volumes of the Ternary System 1,2-Dichlorobenzene + Benzene + Hexane at 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 2002 , 47, 1436-1441	2.8	9
88	Densities, Speeds of Sound, and Refractive Indices of the Mixture Nonane + Triethylene Glycol Dimethyl Ether at 288.15 K, 293.15 K, 298.15 K, and 308.15 K. <i>Journal of Chemical & Engineering Data</i> , 2002 , 47, 919-922	2.8	34
87	Analysis of the interaction between cycloalkanes and 1-alkanols by means of Nitta Chao group contribution model. <i>Fluid Phase Equilibria</i> , 2001 , 179, 319-337	2.5	4
86	Excess molar volumes and enthalpies for the ternary system [butyl butyrate + 1-octanol + octane] at the temperature 308.15 K. <i>Fluid Phase Equilibria</i> , 2001 , 182, 265-277	2.5	5
85	Density, speed of sound, refractive index and dielectric permittivity of (diethyl carbonate+n -decane) at several temperatures. <i>Journal of Chemical Thermodynamics</i> , 2001 , 33, 787-801	2.9	48
84	Density, speed of sound and refractive index of (n-hexane + cyclohexane + 1-hexanol) at T= 298.15 K. <i>Journal of Chemical Thermodynamics</i> , 2001 , 33, 1081-1096	2.9	23
83	Temperature Dependence of Thermophysical Properties of Hexane + 1-Hexanol. <i>Journal of Chemical & Engineering Data</i> , 2001 , 46, 1206-1210	2.8	27
82	Excess Molar Enthalpies of the Ternary System {x1CH3CH2COOCH2CH3+x2CH3(CH2)4CH3+(1-x1-x2)CH3CH2CH2OH} at 298.15 K, and Prediction Using Different Theoric Methods. <i>Physics and Chemistry of Liquids</i> , 2000 , 38, 481-493	1.5	2
81	Relative permittivities and refractive indices on mixing for (n-hexane+ 1-pentanol, or 1-hexanol, or 1-heptanol) at T=298.15 K. <i>Journal of Chemical Thermodynamics</i> , 2000 , 32, 923-930	2.9	64
80	A Study of Excess Molar Enthalpies and Excess Molar Volumes of Binary Mixtures of 1-Chloropentane + 1-Alkanol (from 1-Butanol to 1-Octanol) at 25°C. <i>Journal of Solution Chemistry</i> , 2000 , 29, 1115-1122	1.8	5

79	Thermodynamic Properties on Mixing for Hexane + Cyclohexane + 1-Octanol at 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 2000 , 45, 1154-1159	2.8	17
78	Temperature dependence of the thermophysical properties of binary mixtures of n-hexane+1-butanol. <i>High Temperatures - High Pressures</i> , 2000 , 32, 653-661	1.3	4
77	Excess molar enthalpies for di-n-butylether+1-propanol+n-decane at 298.15 and 308.15 K. <i>Fluid Phase Equilibria</i> , 1999 , 156, 149-159	2.5	8
76	Measurements and analysis of excess molar enthalpies and excess molar volumes of the binary systems {xCH ₃ (CH ₂) ₃ Cl+(1-x) CH ₃ (CH ₂) _n OH} (n=4 to 8) atT=298.15K. <i>Journal of Chemical Thermodynamics</i> , 1999 , 31, 547-554	2.9	19
75	Excess molar enthalpies and excess molar volumes of binary systems containing {xCH ₃ (CH ₂) ₇ Cl+ (1-x)CH ₃ (CH ₂) _n OH} (n= 4 to 8) atT= 298.15 K. <i>Journal of Chemical Thermodynamics</i> , 1999 , 31, 1329-1336	2.9	15
74	Behaviour of binary mixtures of an alkyl methanoate+an n-alkane. New experimental values and an interpretation using the UNIFAC model. <i>Physical Chemistry Chemical Physics</i> , 1999 , 1, 2967-2974	3.6	15
73	Experimental and Theoretical Study of Excess Molar Enthalpies of Ethyl Propionate + n-Hexane + 1-Butanol at 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 1999 , 44, 860-864	2.8	5
72	Refractive Indices and Speeds of Sound of Binary Mixtures of N-Octane with 1-Alkanol at the Temperature 298.15 K. <i>Physics and Chemistry of Liquids</i> , 1999 , 37, 683-699	1.5	13
71	Excess Molar Enthalpies and Excess Molar Volumes of Binary Systems 1-Chlorohexane + 1-Alkanol (from 1-Butanol to 1-Octanol) at 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 1999 , 44, 1195-1198	2.8	25
70	Excess Molar Volumes of {x ₁ Butyl Butanoate +x ₂ 1-Octanol+(1-x ₁ -x ₂) Octane} at 298.15 K. <i>Magyar Árvad Kémia</i> , 1998 , 52, 815-822	0	4
69	Application of Different Group Contribution Models and Empirical Methods to Excess Enthalpies of Ternary Mixtures. <i>Magyar Árvad Kémia</i> , 1998 , 52, 799-814	0	10
68	Viscosities and Densities for the 1-Propanol + n-Heptane System at Several Temperatures. <i>Journal of Solution Chemistry</i> , 1998 , 27, 569-579	1.8	28
67	Excess molar enthalpies of (1,1-dichloroalkane + pentanol, or hexanol) atT=298.15 K. <i>Journal of Chemical Thermodynamics</i> , 1998 , 30, 1061-1068	2.9	13
66	Refractive indices and speeds of sound of binary mixtures ofn-hexane with 1-alkanol at the temperature 298.15 K. <i>Journal of Chemical Thermodynamics</i> , 1998 , 30, 1147-1157	2.9	35
65	Changes of refractive index on mixing for the binary mixtures {xCH ₃ OH+(1-x) CH ₃ OCH ₂ (CH ₂ OCH ₂) ₃ CH ₂ OCH ₃ } and {xCH ₃ OH+(1-x)CH ₃ OCH ₂ (CH ₂ OCH ₂) _n CH ₂ OCH ₃ } (n=3-9) at temperatures from 293.15 K to 333.15 K. <i>Journal of Chemical Thermodynamics</i> , 1998 , 30, 1279-1287	2.9	21
64	Characteristic parameters of the Tassios, Larsen and Gmehling versions of the UNIFAC model for enthalpies of mixing in organic anhydrides + N-alkanes mixtures. <i>Thermochimica Acta</i> , 1998 , 317, 59-64	2.9	5
63	Excess molar enthalpies of the ternary system (propyl propanoate+1-hexanol+n-hexane) at 298.15 K. <i>Fluid Phase Equilibria</i> , 1998 , 148, 201-208	2.5	8
62	Estimation of parameters of Nitta-Chao model for ester+1-alkanol mixtures. <i>Fluid Phase Equilibria</i> , 1998 , 148, 49-68	2.5	20

61	Viscosity deviations of ternary mixtures di-n-butyl ether+1-propanol+n-octane at several temperatures. <i>Fluid Phase Equilibria</i> , 1998 , 149, 339-358	2.5	47
60	Quantum mechanical characterisation of functional groups for molecular solution theories using Bader fragments. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1997 , 93, 3437-3443		17
59	Excess Molar Volumes of Ternary Mixtures of $\{x_1\text{CH}_3\text{CH}_2\text{COOCH}_2\text{CH}_3 + x_2\text{CH}_3(\text{CH}_2)_4\text{CH}_3 + (1-x_1-x_2)\text{CH}_3(\text{CH}_2)_6\text{OH}$ or $\text{CH}_3(\text{CH}_2)_7\text{OH}\}$ at the Temperature of 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 1997 , 42, 262-265	2.8	15
58	Excess molar enthalpies for di-n-butyl ether + 1-propanol + n-octane at 298.15 K. <i>Fluid Phase Equilibria</i> , 1997 , 133, 179-185	2.5	16
57	Ability of the Nitta-Chao model for the prediction of pressure and temperature dependence of the volumetric properties of n-alkane + 1-alkanol systems. <i>Fluid Phase Equilibria</i> , 1997 , 133, 45-55	2.5	8
56	Effect of temperature on W-shaped excess molar heat capacities and volumetric properties: Oxaalkane-nonane systems. <i>International Journal of Thermophysics</i> , 1997 , 18, 761-777	2.1	57
55	Estimation of parameters of Nitta-Chao model for linear monoether + 1-alkanol mixtures. <i>Fluid Phase Equilibria</i> , 1997 , 133, 57-72	2.5	13
54	Excess molar volumes of ternary mixtures di-n-butyl ether + 1-pentanol + n-octane at 298.15 K. <i>Fluid Phase Equilibria</i> , 1997 , 133, 173-177	2.5	15
53	Excess molar volumes of ternary mixtures of di-n-butylether+1-heptanol+n-octane at the temperature of 298.15 K. <i>Fluid Phase Equilibria</i> , 1997 , 136, 315-321	2.5	17
52	Excess molar volumes of $\{x_1\text{CH}_3\text{CH}_2\text{COOCH}_2\text{CH}_3+x_2\text{CH}_3(\text{CH}_2)_4\text{CH}_3+ (1-x_1-x_2)\text{CH}_3(\text{CH}_2)_2\text{OH}$ or $\text{CH}_3(\text{CH}_2)_3\text{OH}\}$ at the temperature 298.15 K. <i>Journal of Chemical Thermodynamics</i> , 1997 , 29, 117-124	2.9	13
51	Excess molar volumes of $\{x_1\text{CH}_3\text{CO}(\text{CH}_2)_2\text{CH}_3+x_2\text{CH}_3(\text{CH}_2)_3\text{CH}_2\text{Cl}+(1-x_1-x_2)\text{CH}_3(\text{CH}_2)_2\text{CH}_3\}$, (10, 12) at the temperature of 298.15 K. <i>Journal of Chemical Thermodynamics</i> , 1997 , 29, 337-343	2.9	3
50	Measurements and analysis of excess volumes of some alkan-2-one-1-chloroalkane mixtures using Nitta-Chao and Prigogine-Flory-Batterson models. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1996 , 92, 4453-4461		11
49	Prediction of enthalpies of mixing and vapor-liquid equilibria for mixtures containing organic carbonates + n-alkanes using several versions of the unifac model. <i>Thermochimica Acta</i> , 1996 , 286, 321-332	2.9	20
48	Excess molar volumes at 298.15 K of the ternary mixture: propyl propanoate + 2-hexanone + 1-chlorohexane. <i>Fluid Phase Equilibria</i> , 1996 , 126, 225-231	2.5	5
47	Estimation of the Nitta-Chao Parameters for the ether-group. Ether + n-alkane mixtures. <i>Fluid Phase Equilibria</i> , 1995 , 110, 53-71	2.5	12
46	Excess Dielectric Permittivity and Excess Molar Volumes of Binary Mixtures of n-Octane with 1-Alkanol at the Temperature 298.15 K. <i>Physics and Chemistry of Liquids</i> , 1995 , 30, 159-168	1.5	11
45	Viscosities and Densities of Octane + Butan-1-ol, Hexan-1-ol, and Octan-1-ol at 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 1995 , 40, 992-994	2.8	30
44	Experimental and predicted excess enthalpies of the 2,2,2-trifluoroethanol/water/tetraethylene glycol dimethyl ether ternary system using binary mixing data. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1995 , 91, 2071-2079		20

43	Viscosities and Densities of Hexane + Butan-1-ol, + Hexan-1-ol, and + Octan-1-ol at 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 1995 , 40, 68-70	2.8	58
42	Excess molar volumes of binary mixtures with 2-pentanone and 1-chloroalkanes at 298.15 and 308.15 K. <i>Canadian Journal of Chemistry</i> , 1995 , 73, 139-145	0.9	12
41	Analysis of Excess Molar Volumes of the Ternary Systems Containing a Propyl Alkanoate and Two Alkanes with Some Predictive Methods. <i>Physics and Chemistry of Liquids</i> , 1995 , 30, 141-150	1.5	3
40	Densities and Refractive Indices of Acetone + Methanol + 2-Methyl-2-butanol at 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 1995 , 40, 1199-1202	2.8	8
39	Excess molar enthalpies of $\{x_1\text{CH}_3\text{CH}_2\text{COCH}_2\text{CH}_3 + x_2\text{CH}_3(\text{CH}_2)_4\text{CH}_3 + (1 - x_1 - x_2)\text{CH}_3(\text{CH}_2)_v\text{CH}_3\}$ ($v = 9$ and 12) at the temperature 298.15 K. <i>Journal of Chemical Thermodynamics</i> , 1995 , 27, 879-886	2.9	8
38	Excess molar volumes of $\{x_1\text{CH}_3\text{CH}_2\text{COO}(\text{CH}_2)_2\text{CH}_3 + x_2\text{CH}_3(\text{CH}_2)_5\text{OH} + (1 - x_1 - x_2)\text{Cl}(\text{CH}_2)_5\text{CH}_3\}$ at the temperature 298.15 K. <i>Journal of Chemical Thermodynamics</i> , 1995 , 27, 1197-1204	2.9	16
37	Excess molar enthalpies of $\{x_1\text{CH}_3\text{CH}_2\text{COOCH}_2\text{CH}_3 + x_2\text{CH}_3(\text{CH}_2)_4\text{CH}_3 + (1 - x_1 - x_2)\text{CH}_3(\text{CH}_2)_v\text{CH}_3\}$, ($v = 10, 12$), at the temperature 298.15 K. <i>Journal of Chemical Thermodynamics</i> , 1995 , 27, 1281-1290	2.9	6
36	Analysis of the intramolecular proximity effect on dichloroalkane + alkane mixtures using Nitta-Chao model. <i>Fluid Phase Equilibria</i> , 1995 , 110, 31-51	2.5	16
35	Relative permittivities, densities, and excess molar volumes of $\{x\text{CH}_3(\text{CH}_2)_4\text{CH}_3 + (1 - x)\text{CH}_3(\text{CH}_2)_v\text{OH}\}$ ($v = 2, 4$, and 6) at the temperature 298.15 K. <i>Journal of Chemical Thermodynamics</i> , 1994 , 26, 797-802	2.9	17
34	Densities and excess molar volumes of $\{x\text{CH}_3\text{O}(\text{CH}_2\text{CH}_2\text{O})_v\text{CH}_3 + (1 - x)\text{CH}_3(\text{CH}_2)_5\text{CH}_3\}$ ($v = 3, 4$) at several temperatures. <i>Journal of Chemical Thermodynamics</i> , 1994 , 26, 871-877	2.9	16
33	Excess molar volumes of $[x_1\text{CH}_3\text{CH}_2\text{CO}_2(\text{CH}_2)_2\text{CH}_3 + x_2\text{CH}_3(\text{CH}_2)_5\text{OH} + (1 - x_1 - x_2)\{\text{CH}_3(\text{CH}_2)_4\text{CH}_3 \text{ or } \text{c-C}_6\text{H}_{12}\}]$ at the temperature 298.15 K. <i>Journal of Chemical Thermodynamics</i> , 1994 , 26, 1025-1030	2.9	20
32	Thermodynamic properties of (a methyl ester + an n-alkane) VII. HEm and VEm for $\{x\text{CH}_3(\text{CH}_2)_2\text{u} - 1\text{CO}_2\text{CH}_3 + (1 - x)\text{CH}_3(\text{CH}_2)_v\text{CH}_3\}$ for $u = 4$ to 7 and $v = 2$ to 7 . <i>Journal of Chemical Thermodynamics</i> , 1994 , 26, 1301-1315	2.9	6
31	Application of the UNIFAC and Nitta-Chao models to describing the behavior of methyl ester/alkane mixtures, and experimental data for (methyl n-alkanoates + n-heptadecane) binary mixtures. <i>Fluid Phase Equilibria</i> , 1994 , 95, 175-214	2.5	30
30	Temperature dependence of the volumetric properties of binary mixtures containing alcohols (1-propanol, 1-pentanol, 1-heptanol) + heptane. <i>Journal of Chemical & Engineering Data</i> , 1994 , 39, 19-22	2.8	36
29	Measurements and analysis of the excess enthalpies of some dichloroalkane + 2-ketone systems using UNIFAC group-contribution model. <i>Canadian Journal of Chemistry</i> , 1994 , 72, 304-307	0.9	2
28	Excess molar enthalpies of binary and ternary mixtures for 1-propanol + 3-pentanone + 1-hexanol or + 1-heptanol at 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 1993 , 38, 238-241	2.8	4
27	Excess Dielectric Permittivity and Excess Molar Volumes of Binary Mixtures of n-Hexane with 1-Alkanol at the Temperature 298.15 K. <i>Physics and Chemistry of Liquids</i> , 1993 , 25, 135-143	1.5	21
26	Excess Molar Enthalpies for the (Ethyl Propanoate + n-Hexane + n-Tetradecane) System at the Temperature 298.15 K. <i>Physics and Chemistry of Liquids</i> , 1993 , 25, 145-152	1.5	12

25	Excess molar enthalpies for $\{x_1\text{CH}_3(\text{CH}_2)_2\text{OH} + x_2\text{CH}_3\text{CH}_2\text{COCH}_2\text{CH}_3 + (1-x_1-x_2)\text{CH}_3(\text{CH}_2)_u\text{CH}_3\}$ ($u = 5, 6$) at the temperature 298.15 K. <i>Journal of Chemical Thermodynamics</i> , 1993 , 25, 321-330	2.9	5
24	Densities, refractive indexes, and excess molar volumes of $\{x_1\text{CH}_3\text{COCH}_2\text{CH}_3 + x_2\text{c-C}_6\text{H}_{12} + (1-x_1-x_2)\text{CH}_3(\text{CH}_2)_5\text{CH}_3\}$ at the temperature 298.15 K. <i>Journal of Chemical Thermodynamics</i> , 1993 , 25, 993-998	2.9	2
23	Excess molar volumes of (1-chloropentane or 1-chlorohexane + heptane + decane) at the temperature 298.15 K. <i>Journal of Chemical Thermodynamics</i> , 1993 , 25, 1041-1047	2.9	6
22	Dielectric permittivities, densities, and excess molar volumes of $\{x\text{CH}_3(\text{CH}_2)_6\text{CH}_3 + (1-x)(\text{CH}_3(\text{CH}_2)_v\text{OH})\}$ ($v = 2$ to 4) at the temperature 298.15 K. <i>Journal of Chemical Thermodynamics</i> , 1993 , 25, 1325-1332	2.9	15
21	Revision of interaction parameters for estimating the enthalpies of mixtures of benzyl ethanoate + n-alkanes or 1-chloroalkanes using the UNIFAC model with presentation of new experimental data. <i>Fluid Phase Equilibria</i> , 1993 , 86, 251-273	2.5	15
20	Temperature dependence of the volumetric properties of binary mixtures containing oxaalkane + n-heptane. <i>Journal of Solution Chemistry</i> , 1993 , 22, 1005-1017	1.8	28
19	Excess molar volumes at the temperature 298.15 K of $\{x_1\text{C}_2\text{H}_5\text{CO}_2(\text{CH}_2)_2\text{CH}_3 + x_2\text{Cl}(\text{CH}_2)_5\text{CH}_3 + (1-x_1-x_2)\text{c-C}_6\text{H}_{12}\}$, $\{x_1\text{C}_2\text{H}_5\text{CO}_2(\text{CH}_2)_2\text{CH}_3 + x_2\text{Cl}(\text{CH}_2)_5\text{CH}_3 + (1-x_1-x_2)\text{CH}_3(\text{CH}_2)_4\text{CH}_3\}$, and $\{x_1\text{C}_2\text{H}_5\text{CO}_2(\text{CH}_2)_2\text{CH}_3 + x_2\text{c-C}_6\text{H}_{12} + (1-x_1-x_2)\text{CH}_3(\text{CH}_2)_4\text{CH}_3\}$. <i>Journal of Chemical Thermodynamics</i> , 1992 , 24, 119-128	2.9	21
18	Excess molar enthalpies for (propan-1-ol + pentan-3-one + hexane) at the temperature 298.15 K. <i>Journal of Chemical Thermodynamics</i> , 1992 , 24, 205-212	2.9	16
17	Excess molar enthalpies at the temperature 298.15 K of (an n-alkyl formate + an n-alkanol) IV. $\{x\text{HCO}_2(\text{CH}_2)_i\text{CH}_3 + (1-x)\text{C}_j\text{H}_{2j+1}\text{OH}\}$ ($i = 0$ to 3 and $j = 1$ and 2). <i>Journal of Chemical Thermodynamics</i> , 1992 , 24, 809-814	2.9	13
16	Thermodynamic properties of (a methyl ester + an n-alkane) I. HEm and VEm for $\{x\text{CH}_3(\text{CH}_2)_u\text{CO}_2\text{CH}_3$ ($u = 1$ to 6) + $(1-x)\text{CH}_3(\text{CH}_2)_6\text{CH}_3\}$. <i>Journal of Chemical Thermodynamics</i> , 1992 , 24, 15-22	2.9	27
15	Analysis of excess heat capacities of 1-alkanol + n-alkane mixtures using the Nitta-Chao model. <i>Thermochimica Acta</i> , 1992 , 207, 1-8	2.9	5
14	Excess molar enthalpies of the ternary systems pentan-3-one + n-hexane + n-decane and n-tetradecane at 298.15 K. <i>Thermochimica Acta</i> , 1992 , 211, 33-42	2.9	6
13	Excess enthalpies of some 2-alkanone + 1-chloroalkane binary mixtures at 25 and 35°C. <i>Journal of Solution Chemistry</i> , 1991 , 20, 115-124	1.8	23
12	Excess Molar Volumes of Binary Mixtures of Propyl Ethanoate with some n-Alkanes at 298.15 K and 308.15 K. <i>Physics and Chemistry of Liquids</i> , 1991 , 24, 13-20	1.5	8
11	Analysis of volumes of mixing for propyl and butyl formate with n-alkanes in terms of the Nitta model. <i>Journal of Solution Chemistry</i> , 1990 , 19, 1063-1071	1.8	3
10	Thermodynamic properties of binary mixtures of 2-hexanone with n-alkanes at 35°C. <i>Journal of Solution Chemistry</i> , 1990 , 19, 1095-1102	1.8	18
9	Analysis of thermodynamic properties of 1-alkanol + n-alkane mixtures using the Nitta-Chao group contribution model. <i>Fluid Phase Equilibria</i> , 1990 , 55, 293-308	2.5	46
8	Analysis of excess enthalpies of ethyl formate + n-alkane or 1-alkanol with two group contribution models. <i>Fluid Phase Equilibria</i> , 1990 , 56, 219-234	2.5	37

7	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
6	Excess molar volumes of (methyl butanoate + n-heptane + n-decane) and of (butyl butanoate + n-heptane + n-decane) at 298.15 K. <i>Journal of Chemical Thermodynamics</i> , 1990 , 22, 865-871	2.9	18
5	Thermodynamic properties of (a propyl ester + an n-alkane) at 298.15 K II. $\{x\text{C}_3\text{H}_7\text{CO}_2\text{C}_3\text{H}_7 + (1-x)\text{n-C}_m\text{H}_{2m+2}\}$, (m = 6 to 10). <i>Journal of Chemical Thermodynamics</i> , 1990 , 22, 263-268	2.9	20
4	Darc analysis of binary mixtures. Excess enthalpies of ketone + alkane and ketone + alcohol systems. <i>Thermochimica Acta</i> , 1989 , 156, 21-26	2.9	
3	Thermodynamic properties of (a propyl ester + an n-alkane) at 298.15 K I. $\{x\text{C}_2\text{H}_5\text{CO}_2\text{C}_3\text{H}_7 + (1-x)\text{C}_n\text{H}_{2n+2}\}$, (n = 6 to 10). <i>Journal of Chemical Thermodynamics</i> , 1989 , 21, 1017-1022	2.9	41
2	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
1	Excess enthalpies of five examples of (2-hexanone + an n-alkane) and five of (2-hexanone + an n-alkanol) at 298.15 K. <i>Journal of Chemical Thermodynamics</i> , 1986 , 18, 21-26	2.9	27