Legido Jose Luis

List of Publications by Citations

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	Physical properties of ionic liquids based on 1-alkyl-3-methylimidazolium cation and hexafluorophosphate as anion and temperature dependence. *Journal of Chemical Thermodynamics*, **2007**, 39, 1168-1175	2.9	197
185	CuO in water nanofluid: Influence of particle size and polydispersity on volumetric behaviour and viscosity. *Fluid Phase Equilibria*, **2011**, 300, 188-196	2.5	182
184	Thermal conductivity and viscosity measurements of ethylene glycol-based Al2O3 nanofluids. *Nanoscale Research Letters*, **2011**, 6, 221	5	145
183	A study on stability and thermophysical properties (density and viscosity) of Al2O3 in water nanofluid. *Journal of Applied Physics*, **2009**, 106, 064301	2.5	134
182	Thermal conductivity and specific heat capacity measurements of Al2O3 nanofluids. *Journal of Thermal Analysis and Calorimetry*, **2013**, 111, 1615-1625	4.1	102
181	Rheological non-Newtonian behaviour of ethylene glycol-based Fe2O3 nanofluids. *Nanoscale Research Letters*, **2011**, 6, 560	5	89
180	Peloids and pelotherapy: Historical evolution, classification and glossary. *Applied Clay Science*, **2013**, 75-76, 28-38	5.2	87
179	Enhancement of thermal conductivity and volumetric behavior of FexOy nanofluids. *Journal of Applied Physics*, **2011**, 110, 014309	2.5	87
178	Thermophysical profile of ethylene glycol-based ZnO nanofluids. *Journal of Chemical Thermodynamics*, **2014**, 73, 23-30	2.9	84
177	Specific heat of metal oxide nanofluids at high concentrations for heat transfer. *International Journal of Heat and Mass Transfer*, **2015**, 88, 872-879	4.9	77
176	An intelligent system for forest fire risk prediction and fire fighting management in Galicia. *Expert Systems With Applications*, **2003**, 25, 545-554	7.8	68
175	Thermal conductivity of dry anatase and rutile nano-powders and ethylene and propylene glycol-based TiO2 nanofluids. *Journal of Chemical Thermodynamics*, **2015**, 83, 67-76	2.9	67
174	Relative permittivities and refractive indices on mixing for (n-hexane+ 1-pentanol, or 1-hexanol, or 1-heptanol) atT=298.15 K. *Journal of Chemical Thermodynamics*, **2000**, 32, 923-930	2.9	64
173	Density and Surface Tension Variation with Temperature for Heptane + 1-Alkanol. *Journal of Chemical & Engineering Data*, **2006**, 51, 1778-1782	2.8	61
172	Viscosities and Densities of Hexane + Butan-1-ol, + Hexan-1-ol, and + Octan-1-ol at 298.15 K. *Journal of Chemical & Engineering Data*, **1995**, 40, 68-70	2.8	58
171	Effect of temperature on W-shaped excess molar heat capacities and volumetric properties: Oxaalkane-nonane systems. *International Journal of Thermophysics*, **1997**, 18, 761-777	2.1	57
170	Description of PVT behaviour of hydrofluoroethers using the PC-SAFT EOS. *Physical Chemistry Chemical Physics*, **2004**, 6, 766-770	3.6	57

169	Density, speed of sound, refractive index and dielectric permittivity of (diethyl carbonate+n -decane) at several temperatures. *Journal of Chemical Thermodynamics*, **2001**, 33, 787-801	2.9	48
168	Viscosity deviations of ternary mixtures di-n-butyl ether+1-propanol+n-octane at several temperatures. *Fluid Phase Equilibria*, **1998**, 149, 339-358	2.5	47
167	Comparative study of the cooling rates of bentonite, sepiolite and common clays for their use in pelotherapy. *Applied Clay Science*, **2007**, 36, 148-160	5.2	46
166	Analysis of thermodynamic properties of 1-alkanol + n-alkane mixtures using the nitta□hao group contribution model. *Fluid Phase Equilibria*, **1990**, 55, 293-308	2.5	46
165	Thermodynamic properties of (a propyl ester + an n-alkane) at 298.15 K I. {xC2H5CO2C3H7 + (1 □ x)CnH2n+2}, (n = 6 to 10). *Journal of Chemical Thermodynamics*, **1989**, 21, 1017-1022	2.9	41
164	Assessment of three Spanish clays for their use in pelotherapy. *Applied Clay Science*, **2014**, 99, 131-143	5.2	40
163	P□□ Measurements of Nonafluorobutyl Methyl Ether and Nonafluorobutyl Ethyl Ether Between 283.15 and 323.15 K at Pressures Up to 40 MPa. *International Journal of Thermophysics*, **2003**, 24, 1265-1276	2.1	40
162	Study of static permittivity and density of the systems {(n-nonane+monoglyme or diglyme)} at various temperatures. *Journal of Chemical Thermodynamics*, **2009**, 41, 257-264	2.9	39
161	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
160	Analysis of excess enthalpies of ethyl formate + n-alkane or 1-alkanol with two group contribution models. *Fluid Phase Equilibria*, **1990**, 56, 219-234	2.5	37
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	Temperature dependence of the volumetric properties of binary mixtures containing alcohols (1-propanol, 1-pentanol, 1-heptanol) + heptane. *Journal of Chemical & Engineering Data*, **1994**, 39, 19-22	2.8	36
157	Group-Contribution Method for the Molecular Parameters of the PC-SAFT Equation of State Taking into Account the Proximity Effect. Application to Nonassociated Compounds. *Industrial & Engineering Chemistry Research*, **2010**, 49, 9394-9406	3.9	35
156	Refractive indices and speeds of sound of binary mixtures ofn-hexane with 1-alkanol at the temperature 298.15 K. *Journal of Chemical Thermodynamics*, **1998**, 30, 1147-1157	2.9	35
155	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. *Journal of Chemical & Engineering Data*, **2002**, 47, 919-922	2.8	34
154	Determination of high-pressure liquid density for n-perfluorohexane and n-perfluorononane. *Fluid Phase Equilibria*, **2004**, 220, 127-136	2.5	32
153	Calculation of interfacial properties using molecular simulation with the reaction field method: Results for different water models. *Journal of Chemical Physics*, **2010**, 132, 184102	3.9	31
152	Viscosities and Densities of Octane + Butan-1-ol, Hexan-1-ol, and Octan-1-ol at 298.15 K. *Journal of Chemical & Engineering Data*, **1995**, 40, 992-994	2.8	30

151	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. *Fluid Phase Equilibria*, **1994**, 95, 175-214	2.5	30
150	Surface tension, density, and speed of sound for the ternary mixture {diethyl carbonate+p-xylene+decane}. *Journal of Chemical Thermodynamics*, **2009**, 41, 695-704	2.9	29
149	Density and surface tension variation with temperature for n-nonane + 1-hexanol. *Fluid Phase Equilibria*, **2006**, 245, 32-36	2.5	29
148	Viscosities and Densities for the 1-Propanol + n-Heptane System at Several Temperatures. *Journal of Solution Chemistry*, **1998**, 27, 569-579	1.8	28
147	Temperature dependence of the volumetric properties of binary mixtures containing oxaalkane +n-heptane. *Journal of Solution Chemistry*, **1993**, 22, 1005-1017	1.8	28
146	Temperature Dependence of Thermophysical Properties of Hexane + 1-Hexanol. *Journal of Chemical & Engineering Data*, **2001**, 46, 1206-1210	2.8	27
145	Thermodynamic properties of (a methyl ester + an n-alkane) I. HEm and VEm for {xCH3(CH2)u□CO2CH3 (u = 1 to 6) + (1 □x)CH3(CH2)6CH3}. *Journal of Chemical Thermodynamics*, **1992**, 24, 15-22	2.9	27
144	Excess enthalpies of five examples of (2-hexanone + an n-alkane) and five of (2-hexanone + an n-alkanol) at 298.15 K. *Journal of Chemical Thermodynamics*, **1986**, 18, 21-26	2.9	27
143	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
142	Thermal behavior of mixtures of bentonitic clay and saline solutions. *Applied Clay Science*, **2013**, 72, 18-25	5.2	25
141	Excess Molar Enthalpies and Excess Molar Volumes of Binary Systems 1-Chlorohexane + 1-Alkanol (from 1-Butanol to 1-Octanol) at 298.15 K. *Journal of Chemical & Engineering Data*, **1999**, 44, 1195-1198	2.8	25
140	Measurement of the thermal conductivity of clays used in pelotherapy by the multi-current hot-wire technique. *Applied Clay Science*, **2010**, 50, 423-426	5.2	23
139	Mixing Properties for the Ternary Mixture Methyltert-Butyl Ether + 1-Butanol + Decane at 298.15 K□ *Journal of Chemical & Engineering Data*, **2003**, 48, 758-762	2.8	23
138	Density, speed of sound and refractive index of (n-hexane + cyclohexane + 1-hexanol) atT= 298.15 K. *Journal of Chemical Thermodynamics*, **2001**, 33, 1081-1096	2.9	23
137	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. *Journal of Chemical & Engineering Data*, **2002**, 47, 4-7	2.8	23
136	Excess enthalpies of some 2-alkanone + 1-chloroalkane binary mixtures at 25 and 35□C. *Journal of Solution Chemistry*, **1991**, 20, 115-124	1.8	23
135	Relative permittivities of binary mixtures of 1-butanol + n-alkane AT 298.15 k. *Journal of Thermal Analysis and Calorimetry*, **2003**, 72, 129-133	4.1	22
134	Solubility of oxygen in substituted perfluorocarbons. *Fluid Phase Equilibria*, **2005**, 238, 7-12	2.5	22

133	The mineralogical, geochemical, and thermophysical characterization of healing saline mud for use in pelotherapy. *Applied Clay Science*, **2017**, 135, 119-128	5.2	21
132	Changes of refractive index on mixing for the binary mixtures {xCH3OH+(1) CH3OCH2(CH2OCH2)3CH2OCH3} and {xCH3OH+(1)CH3OCH2(CH2OCH2)nCH2OCH3} (n=3) at temperatures from 293.15 K to 333.15 K. *Journal of Chemical Thermodynamics*, **1998**, 30, 1279-1287	2.9	21
131	Excess Dielectric Permittivity and Excess Molar Volumes of Binary Mixtures of n-Hexane with 1-Alkanol at the Temperature 298.15 K. *Physics and Chemistry of Liquids*, **1993**, 25, 135-143	1.5	21
130	Excess molar volumes at the temperature 298.15 K of {x1C2H5CO2(CH2)2CH3 + x2Cl(CH2)5CH3 + (1 x1 x2) c-C6H12}, {x1C2H5CO2(CH2)2CH3 + x2Cl(CH2)5CH3 + (1 x1 x2)CH3(CH2)4CH3}, and {x1C2H5CO2(CH2)2CH3 + x2c-C6H12 + (1 x1 x2)CH3(CH2)4CH3}. *Journal of Chemical Thermodynamics*, **1992**, 24, 119-128	2.9	21
129	Excess molar enthalpies of (heptan-1-ol + an n-alkane) at 298.15 and 308.15 K. *Journal of Chemical Thermodynamics*, **1989**, 21, 1207-1211	2.9	21
128	Estimation of parameters of NittaChao model for ester+1-alkanol mixtures. *Fluid Phase Equilibria*, **1998**, 148, 49-68	2.5	20
127	Experimental and predicted excess enthalpies of the 2,2,2-trifluoroethanolwatertetraethylene glycol dimethyl ether ternary system using binary mixing data. *Journal of the Chemical Society, Faraday Transactions*, **1995**, 91, 2071-2079		20
126	Prediction of enthalpies of mixing and vapor-liquid equilibria for mixtures containing organic carbonates + n-alkanes using several versions of the unifac model. *Thermochimica Acta*, **1996**, 286, 321-332	2.9	20
125	Excess molar volumes of [x1CH3CH2CO2(CH2)2CH3 + x2CH3(CH2)5OH + (1 - x1 - x2){CH3(CH2)4CH3 or c-C6H12}] at the temperature 298.15 K. *Journal of Chemical Thermodynamics*, **1994**, 26, 1025-1030	2.9	20
124	Thermodynamic properties of (a propyl ester + an n-alkane) at 298.15 K II. {xC3H7CO2C3H7 + (1 x)n-CmH2m + 2}, (m = 6 to 10). *Journal of Chemical Thermodynamics*, **1990**, 22, 263-268	2.9	20
123	Amorphous tunable-size Co-B magnetic nanoparticles from the cobalt-catalyzed NaBH4 hydrolysis. *Physical Chemistry Chemical Physics*, **2011**, 13, 20146-54	3.6	19
122	Excess molar enthalpies at 298.15 k of the binary mixtures. *Magyar Aprad Kelemyek*, **2002**, 70, 251-254	0	19
121	Determination of experimental excess molar properties for MTBE+1-propanol+octane. *Journal of Thermal Analysis and Calorimetry*, **2005**, 80, 245-251	4.1	19
120	Measurements and analysis of excess molar enthalpies and excess molar volumes of the binary systems {xCH3(CH2)3Cl+(1) CH3(CH2)nOH} (n=4 to 8) atT=298.15K. *Journal of Chemical Thermodynamics*, **1999**, 31, 547-554	2.9	19
119	Excess molar enthalpies of (n-nonan-1-ol + an n-alkane) at 298.15 K and 308.15 K. *Journal of Chemical Thermodynamics*, **1990**, 22, 1059-1065	2.9	19
118	Thermodynamic properties of the ternary system MTBE+1-propanol+hexane. *Journal of Thermal Analysis and Calorimetry*, **2005**, 80, 303-309	4.1	18
117	Thermodynamic properties of binary mixtures of 2-hexanone withn-alkanes at 35C. *Journal of Solution Chemistry*, **1990**, 19, 1095-1102	1.8	18
116	Excess molar volumes of (methyl butanoate + n-heptane + n-decane) and of (butyl butanoate + n-heptane + n-decane) at 298.15 K. *Journal of Chemical Thermodynamics*, **1990**, 22, 865-871	2.9	18

115	Quantum mechanical characterisation of functional groups for molecular solution theories using Bader fragments. *Journal of the Chemical Society, Faraday Transactions*, **1997**, 93, 3437-3443		17
114	Excess molar volumes of ternary mixtures of di-n-butylether+1-heptanol+n-octane at the temperature of 298.15 K. *Fluid Phase Equilibria*, **1997**, 136, 315-321	2.5	17
113	Thermodynamic Properties on Mixing for Hexane + Cyclohexane + 1-Octanol at 298.15 K. *Journal of Chemical & Engineering Data*, **2000**, 45, 1154-1159	2.8	17
112	Relative permittivities, densities, and excess molar volumes of {xCH3(CH2)4CH3 + (1 - x)CH3(CH2)vOH} (v = 2, 4, and 6) at the temperature 298.15 K. *Journal of Chemical Thermodynamics*, **1994**, 26, 797-802	2.9	17
111	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
110	Microcalorimetric study on the growth and metabolism of Pseudomonas aeruginosa. *Journal of Thermal Analysis and Calorimetry*, **2011**, 105, 651-655	4.1	16
109	Analysis of Surface Tension, Density, and Speed of Sound for the Ternary Mixture Dimethyl Carbonate + p-Xylene + n-Octane. *Journal of Chemical & Engineering Data*, **2009**, 54, 1056-1062	2.8	16
108	Excess molar enthalpies for di-n-butyl ether + 1-propanol + n-octane at 298.15 K. *Fluid Phase Equilibria*, **1997**, 133, 179-185	2.5	16
107	Excess enthalpy, density, and speed of sound determination for the ternary mixture (methyl tert-butyl ether + 1-butanol + n-hexane). *Journal of Chemical Thermodynamics*, **2007**, 39, 1247-1256	2.9	16
106	Densities and excess molar volumes of {xCH3O(CH2CH2O) CH3 + (1 - x)CH3(CH2)5CH3} (v = 3, 4) at several temperatures. *Journal of Chemical Thermodynamics*, **1994**, 26, 871-877	2.9	16
105	Excess molar volumes of ?x1CH3CH2COO (CH2)2CH3+x2CH3(CH2)5OH + (1 ⊠1⊠2) Cl(CH2)5CH3? at the temperature 298.15 K. *Journal of Chemical Thermodynamics*, **1995**, 27, 1197-1204	2.9	16
104	Analysis of the intramolecular proximity effect on dichloroalkane + alkane mixtures using Nitta-Chao model. *Fluid Phase Equilibria*, **1995**, 110, 31-51	2.5	16
103	Excess molar enthalpies for (propan-1-ol + pentan-3-one + hexane) at the temperature 298.15 K. *Journal of Chemical Thermodynamics*, **1992**, 24, 205-212	2.9	16
102	Excess Molar Volumes of Ternary Mixtures of {x1CH3CH2COOCH2CH3 + x2CH3(CH2)4CH3 + (1 ⊠x1 ⊠x2)CH3(CH2)6OH or CH3(CH2)7OH} at the Temperature of 298.15 K. *Journal of Chemical & Engineering Data*, **1997**, 42, 262-265	2.8	15
101	Excess molar volumes of ternary mixtures di-n-butyl ether + 1-pentanol + n-octane at 298.15 K. *Fluid Phase Equilibria*, **1997**, 133, 173-177	2.5	15
100	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. *Fluid Phase Equilibria*, **2005**, 232, 16-24	2.5	15
99	Excess molar enthalpies and excess molar volumes of binary systems containing {xCH3(CH2)7Cl+ (1 ⊠)CH3(CH2)n⊠OH} (n= 4 to 8) atT= 298.15 K. *Journal of Chemical Thermodynamics*, **1999**, 31, 1329-1336	2.9	15
98	Behaviour of binary mixtures of an alkyl methanoate+an n-alkane. New experimental values and an interpretation using the UNIFAC model. *Physical Chemistry Chemical Physics*, **1999**, 1, 2967-2974	3.6	15

97	Dielectric permittivities, densities, and excess molar volumes of {xCH3(CH2)6CH3+(1-x)(CH3(CH2)vOH} (v = 2 to 4) at the temperature 298.15 K. *Journal of Chemical Thermodynamics*, **1993**, 25, 1325-1332	2.9	15
96	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. *Fluid Phase Equilibria*, **1993**, 86, 251-273	2.5	15
95	Influence of dilution on the thermophysical properties of Dax peloid (TERDAX). *Thermochimica Acta*, **2012**, 539, 34-38	2.9	14
94	Thermal conductivity and density of clay pastes at various water contents for pelotherapy use. *Applied Clay Science*, **2014**, 93-94, 23-27	5.2	13
93	Group-Contribution Method with Proximity Effect for PC-SAFT Molecular Parameters. 2. Application to Association Parameters: Primary Alcohols and Amines. *Industrial & Engineering Chemistry Research*, **2014**, 53, 909-919	3.9	13
92	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
91	Estimation of parameters of Nitta-Chao model for linear monoether + 1-alkanol mixtures. *Fluid Phase Equilibria*, **1997**, 133, 57-72	2.5	13
90	Excess molar volumes of {x1CH3CH2COOCH2CH3+x2CH3(CH2)4CH3+ (1 1 2)CH3(CH2)2OH or CH3(CH2)3OH} at the temperature 298.15 K. *Journal of Chemical Thermodynamics*, **1997**, 29, 117-124	2.9	13
89	Excess molar enthalpies of (dichloroalkane + pentanol, or hexanol) atT=298.15 K. *Journal of Chemical Thermodynamics*, **1998**, 30, 1061-1068	2.9	13
88	Experimental and Predicted Excess Molar Enthalpies of the Ternary System tert-Butyl Methyl Ether + 1-Pentanol + Decane at 298.15 K. *Journal of Chemical & Engineering Data*, **2004**, 49, 1703-1709	2.8	13
87	Refractive Indices and Speeds of Sound of Binary Mixtures of N-Octane with 1-Alkanol at the Temperature 298.15 K. *Physics and Chemistry of Liquids*, **1999**, 37, 683-699	1.5	13
86	Excess molar enthalpies at the temperature 298.15 K of (an n-alkyl formate + an n-alkanol) IV. {xHCO2(CH2)iCH3 + (1 x)CjH2j+1OH} (i = 0 to 3 and j = 1 and 2). *Journal of Chemical Thermodynamics*, **1992**, 24, 809-814	2.9	13
85	Experimental and theoretically estimated excess molar enthalpies for tert-butyl methyl ether+ 1-pentanol+octane at 298.15 K. *Journal of Thermal Analysis and Calorimetry*, **2007**, 89, 73-79	4.1	12
84	High-pressure speed of sound measurements in methyl nonafluorobutyl ether and ethyl nonafluorobutyl ether. *Fluid Phase Equilibria*, **2004**, 222-223, 297-302	2.5	12
83	Relative permittivity increments for the binary mixture (methanol+polyethylene glycol dimethyl ether 250) at the temperatures from 283.15K to 323.15K. *Journal of Chemical Thermodynamics*, **2002**, 34, 1751-1759	2.9	12
82	Estimation of the Nitta-Chao Parameters for the ether-group. Ether + n-alkane mixtures. *Fluid Phase Equilibria*, **1995**, 110, 53-71	2.5	12
81	Excess molar volumes of binary mixtures with 2-pentanone and 1-chloroalkanes at 298.15 and 308.15 K. *Canadian Journal of Chemistry*, **1995**, 73, 139-145	0.9	12
80	Excess Molar Enthalpies for the (Ethyl Propanoate + n-Hexane + n-Tetradecane) System at the Temperature 298.15 K. *Physics and Chemistry of Liquids*, **1993**, 25, 145-152	1.5	12

79	Study of the growth of Enterococcus faecalis, Escherichia coli and their mixtures by microcalorimetry. *Journal of Thermal Analysis and Calorimetry*, **2016**, 125, 739-744	4.1	11
78	Excess Dielectric Permittivity and Excess Molar Volumes of Binary Mixtures of n-Octane with 1-Alkanol at the Temperature 298.15 K. *Physics and Chemistry of Liquids*, **1995**, 30, 159-168	1.5	11
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76	Calibration of a low temperature calorimeter and application in the determination of isobaric heat capacity of 2-propanol. *Thermochimica Acta*, **2010**, 507-508, 123-126	2.9	10
75	Application of Different Group Contribution Models and Empirical Methods to Excess Enthalpies of Ternary Mixtures. *Magyar Apr□lad K□lem□lyek*, **1998**, 52, 799-814	0	10
74	Study of Adsorption and Flocculation Properties of Natural Clays to Remove Prorocentrum lima. *Toxins*, **2015**, 7, 3977-88	4.9	9
73	Excess molar enthalpies of the ternary system MTBE+ethanol+octane. *Journal of Thermal Analysis and Calorimetry*, **2007**, 88, 607-611	4.1	9
72	Determination of Excess Molar Enthalpies of □Dichloroalkane + 1-Butanol or 1-Heptanol Mixtures at 298.15 K. Analysis and Comparison with Predicted Values of UNIFAC. *Journal of Chemical & Engineering Data*, **2002**, 47, 411-415	2.8	9
71	Excess Molar Enthalpies and Excess Molar Volumes of the Ternary System 1,2-Dichlorobenzene + Benzene + Hexane at 298.15 K. *Journal of Chemical & Engineering Data*, **2002**, 47, 1436-1441	2.8	9
70	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
69	Ability of the Nitta-Chao model for the prediction of pressure and temperature dependence of the volumetric properties of n-alkane + 1-alkanol systems. *Fluid Phase Equilibria*, **1997**, 133, 45-55	2.5	8
68	Excess molar enthalpies of the ternary system (propyl propanoate+1-hexanol+n-hexane) at 298.15 K. *Fluid Phase Equilibria*, **1998**, 148, 201-208	2.5	8
67	Excess enthalpies of ternary mixture consisting of tert-butyl methyl ether, ethanol and heptane. *Journal of Thermal Analysis and Calorimetry*, **2008**, 92, 185-189	4.1	8
66	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. *Fluid Phase Equilibria*, **2008**, 271, 6-12	2.5	8
65	Temperature dependence of volumetric behaviour for methyl tert-butylether+1-butanol system. *Magyar Apr□lad K□lem□lyek*, **2002**, 70, 235-241	0	8
64	Application of several empirical methods to MTBE+1-pentanol+octane. *Journal of Thermal Analysis and Calorimetry*, **2005**, 80, 329-332	4.1	8
63	Excess molar volumes for methyl tert-butyl ether(MTBE)+1-pentanol+heptane at 298.15 K. *Journal of Thermal Analysis and Calorimetry*, **2005**, 80, 333-337	4.1	8
62	Excess molar enthalpies for di-n-butylether+1-propanol+n-decane at 298.15 and 308.15 K. *Fluid Phase Equilibria*, **1999**, 156, 149-159	2.5	8

61	Densities and Refractive Indices of Acetone + Methanol + 2-Methyl-2-butanol at 298.15 K. *Journal of Chemical & Engineering Data*, **1995**, 40, 1199-1202	2.8	8
60	Excess molar enthalpies of {x1CH3CH2COCH2CH3+x2CH3(CH2)4CH3+ (1 □1□2)CH3(CH2)□□ 2CH3} (□= 9 and 12) at the temperature 298.15 K. *Journal of Chemical Thermodynamics*, **1995**, 27, 879-886	2.9	8
59	Excess Molar Volumes of Binary Mixtures of Propyl Ethanoate with some n-Alkanes at 298.15 K and 308.15 K. *Physics and Chemistry of Liquids*, **1991**, 24, 13-20	1.5	8
58	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
57	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
56	Excess Enthalpy, Density, and Speed of Sound for the Ternary Mixture Methyl tert-Butyl Ether (1) + Butan-1-ol (2) + Octane (3)□ *Journal of Chemical & Engineering Data*, **2009**, 54, 453-458	2.8	7
55	High-Pressure Densities of the Binary Mixture Methyl Nonafluorobutyl Ether + Hexane. *Journal of Chemical & Engineering Data*, **2004**, 49, 1368-1372	2.8	7
54	Study on volumetric measurement and correlations for MTBE+1-propanol+decane at 298.15 K and atmospheric pressure. *Journal of Thermal Analysis and Calorimetry*, **2005**, 80, 317-321	4.1	7
53	Measurements and analysis of excess molar volumes for the ternary mixture MTBE + 1-pentanol + decane. *Journal of Thermal Analysis and Calorimetry*, **2005**, 80, 323-327	4.1	7
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37	Excess molar volumes at 298.15 K of the ternary mixture: propyl propanoate + 2-hexanone + 1-chlorohexane. *Fluid Phase Equilibria*, **1996**, 126, 225-231	2.5	5
36	Analysis of excess heat capacities of 1-alkanol + n-alkane mixtures using the Nitta-Chao model. *Thermochimica Acta*, **1992**, 207, 1-8	2.9	5
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