Lidia M CasÃ¡s

List of Publications by Year
in descending order

31 papers	631 citations	686830 13 h-index	580395 25 g-index
32 all docs	32 docs citations	32 times ranked	565 citing authors

#	Article	IF	Citations
1	Environmentally Friendly Process for Producing Magnesium-Enriched Salt. Industrial & Engineering Chemistry Research, 2018, 57, 14680-14688.	1.8	0
2	Microcalorimetric performance of the growth in culture of Escherichia coli, Proteus mirabilis and their mixtures in different proportions. Journal of Thermal Analysis and Calorimetry, 2014, 116, 107-112.	2.0	9
3	Experimental and Nittaâ€“Chao model prediction of high pressure density of p-xylene with dialkyl carbonates or n-alkanes. Journal of Chemical Thermodynamics, 2014, 69, 193-200.	1.0	4
4	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.	2.0	8
5	Differentiation Between $${varvec{Staphylococcus,aureus}}$$ Staphylococcus aureus and $${varvec{Staphylococcus,epidermidis}}$$ Staphylococcus epidermidis Using Microcalorimetry. International Journal of Thermophysics, 2013, 34, 1039-1048.	1.0	3
6	Thermal behavior of mixtures of bentonitic clay and saline solutions. Applied Clay Science, 2013, 72, 18-25.	2.6	33
7	Volumetric properties of (dialkyl carbonate+n-alkane) mixtures at high pressures: Experimental measurement and Nittaâ€“Chao model prediction. Journal of Chemical Thermodynamics, 2013, 58, 245-253.	1.0	16
8	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.	1.0	17
9	Microcalorimetric study of the growth of Enterococcus faecalis in an enriched culture medium. Journal of Thermal Analysis and Calorimetry, 2012, 108, 665-670.	2.0	8
10	Influence of dilution on the thermophysical properties of Dax peloid (TERDAXÂ®). Thermochimica Acta, 2012, 539, 34-38.	1.2	16
11	Comparative Study of Microcalorimetric Behavior of Escherichia coli, Proteus mirabilis and Klebsiella pneumoniae. Polish Journal of Microbiology, 2012, 61, 199-204.	0.6	6
12	Specific heat of mixtures of bentonitic clay with sea water or distilled water for their use in thermotherapy. Thermochimica Acta, 2011, 524, 68-73.	1.2	31
13	Thermophysical properties for (diethyl carbonate+p-xylene+octane) ternary system. Journal of Chemical Thermodynamics, 2011, 43, 1984-1990.	1.0	1
14	Microcalorimetric study on the growth and metabolism of Pseudomonas aeruginosa. Journal of Thermal Analysis and Calorimetry, 2011, 105, 651-655.	2.0	18
15	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.	1.2	11
16	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.	1.0	17
17	Surface tension, density, and speed of sound for the ternary mixture {diethyl carbonate+p-xylene+decane}. Journal of Chemical Thermodynamics, 2009, 41, 695-704.	1.0	34
18	New methodology for simultaneous volumetric and calorimetric measurements: Direct determination of Î±p and Cp for liquids under pressure. Review of Scientific Instruments, 2009, 80, 124902.	0.6	1

#	Article	IF	Citations
19	Liquidâ€“Liquid Equilibria of Mixtures Containing Methyl Acetate + Methanol + Hexane or Heptane. Journal of Chemical & Engineering Data, 2008, 53, 89-93.	1.0	4
20	Phase Equilibria in Ternary Mixtures of Methyl Oleate, Glycerol, and Methanol. Industrial & Engineering Chemistry Research, 2008, 47, 5157-5164.	1.8	102
21	Solubility of Phosphonium Ionic Liquid in Alcohols, Benzene, and Alkylbenzenes. Journal of Physical Chemistry B, 2007, 111, 4109-4115.	1.2	68
22	Measurement and correlation of liquidâ€“liquid equilibria of methanolâ€‰+â€‰2-butanoneâ€‰+â€‰n-alkanes (C10â€“C12) ternary mixtures. Physics and Chemistry of Liquids, 2006, 44, 293-301.	0.4	1
23	Excess molar internal pressures and changes in refractive indices of acetoneâ€‰+â€‰methanolâ€‰+â€‰(2-methyl-1-propanol or 3-methyl-1-butanol) at 298.15â€‰K. Physics and Chemistry of Liquids, 2005, 43, 473-483.	0.4	13
24	Excess molar volumes of ternary mixtures containing benzene, cyclohexane, 1-pentanol and anisole at 298.15â€‰K. Physics and Chemistry of Liquids, 2005, 43, 551-557.	0.4	8
25	Thermodynamic Properties of Mixtures Containing Ionic Liquids. 5. Activity Coefficients at Infinite Dilution of Hydrocarbons, Alcohols, Esters, and Aldehydes in 1-Methyl-3-butyl-imidazolium Bis(trifluoromethyl-sulfonyl) Imide Using Gasâ–Liquid Chromatography. Journal of Chemical & Engineering Data, 2005, 50, 1510-1514.	1.0	105
26	Liquidâ€“liquid equilibria for mixtures of {methyl acetate+methanol+n-alkane (C10â€“C12)} at several temperatures and 1 atm. Journal of Chemical Thermodynamics, 2004, 36, 237-243.	1.0	7
27	Liquidâ–Liquid Equilibria of Methyl Acetate + Methanol + Octane or Nonane. Journal of Chemical & Engineering Data, 2004, 49, 664-667.	1.0	3
28	Liquid phase behaviour and thermodynamics of acetone+methanol+n-alkane (C9â€“C12) mixtures. Fluid Phase Equilibria, 2003, 206, 61-85.	1.4	20
29	Thermophysical Properties of Acetone or Methanol +n-Alkane (C9to C12) Mixtures. Journal of Chemical & Engineering Data, 2002, 47, 887-893.	1.0	56
30	Excess molar volumes, and changes of isentropic compressibilities of ternary { acetone+ methanol +() Tj ETQq0 0 0 rgBT /Overlock 10 Tf 33, 1777-1789.	1.0	7
31	(Vapour + liquid) equilibria for the ternary system (benzene+ cyclohexane + anisole) at p= 101.32 kPa. Journal of Chemical Thermodynamics, 2001, 33, 1765-1776.	1.0	4