# Lidia M CasÃ¡s

List of Publications by Year
in descending order



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|---|---|---|---|
| 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 | 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 |
| 2 | Phase Equilibria in Ternary Mixtures of Methyl Oleate, Glycerol, and Methanol. Industrial & Engineering Chemistry Research, 2008, 47, 5157-5164. | 1.8 | 102 |
| 3 | Solubility of Phosphonium Ionic Liquid in Alcohols, Benzene, and Alkylbenzenes. Journal of Physical Chemistry B, 2007, 111, 4109-4115. | 1.2 | 68 |
| 4 | Thermophysical Properties of Acetone or Methanol +n-Alkane (C9to C12) Mixtures. Journal of Chemical & Engineering Data, 2002, 47, 887-893. | 1.0 | 56 |
| 5 | 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 |
| 6 | Thermal behavior of mixtures of bentonitic clay and saline solutions. Applied Clay Science, 2013, 72, 18-25. | 2.6 | 33 |
| 7 | 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 |
| 8 | Liquid phase behaviour and thermodynamics of acetone+methanol+n-alkane (C9â€"C12) mixtures. Fluid Phase Equilibria, 2003, 206, 61-85. | 1.4 | 20 |
| 9 | Microcalorimetric study on the growth and metabolism of Pseudomonas aeruginosa. Journal of Thermal Analysis and Calorimetry, 2011, 105, 651-655. | 2.0 | 18 |
| 10 | 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 |
| 11 | 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 |
| 12 | Influence of dilution on the thermophysical properties of Dax peloid (TERDAXÂ®). Thermochimica Acta, 2012, 539, 34-38. | 1.2 | 16 |
| 13 | 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 |
| 14 | 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 |
| 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 | 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 |
| 17 | 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 |
| 18 | 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 |

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|---|---|---|---|
| 19 | 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 |
| 20 | 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 |
| 21 | 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 |
| 22 | Comparative Study of Microcalorimetric Behavior of Escherichia coli, Proteus mirabilis and Klebsiella pneumoniae. Polish Journal of Microbiology, 2012, 61, 199-204. | 0.6 | 6 |
| 23 | (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 |
| 24 | Liquidâ€“Liquid Equilibria of Mixtures Containing Methyl Acetate + Methanol + Hexane or Heptane. Journal of Chemical & Engineering Data, 2008, 53, 89-93. | 1.0 | 4 |
| 25 | 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 |
| 26 | Liquidâ˜Liquid Equilibria of Methyl Acetate + Methanol + Octane or Nonane. Journal of Chemical & Engineering Data, 2004, 49, 664-667. | 1.0 | 3 |
| 27 | 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 |
| 28 | 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 |
| 29 | 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 |
| 30 | Thermophysical properties for (diethyl carbonate+p-xylene+octane) ternary system. Journal of Chemical Thermodynamics, 2011, 43, 1984-1990. | 1.0 | 1 |
| 31 | Environmentally Friendly Process for Producing Magnesium-Enriched Salt. Industrial & Engineering Chemistry Research, 2018, 57, 14680-14688. | 1.8 | 0 |