

Fernando Espiau

List of Publications by Year in descending order

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16
papers

387
citations

686830

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940134

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times ranked

185
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimentation and thermodynamic representations of binaries containing compounds of low boiling points: Pentane and alkyl methanoates. <i>Fluid Phase Equilibria</i> , 2014, 363, 167-179.	1.4	12
2	Thermodynamic Behavior of the Binaries 1-Butylpyridinium Tetrafluoroborate with Water and Alkanols: Their Interpretation Using ¹ H NMR Spectroscopy and Quantum-Chemistry Calculations. <i>Journal of Physical Chemistry B</i> , 2011, 115, 8763-8774.	1.2	33
3	Liquid-Liquid Equilibria in Binary Solutions Formed by [Pyridinium-Derived] [F ₄ B] Ionic Liquids and Alkanols: New Experimental Data and Validation of a Multiparametric Model for Correlating LLE Data. <i>Industrial & Engineering Chemistry Research</i> , 2011, 50, 12259-12270.	1.8	24
4	Advances in the Correlation of Thermodynamic Properties of Binary Systems Applied to Methanol Mixtures with Butyl Esters. <i>Industrial & Engineering Chemistry Research</i> , 2010, 49, 9548-9558.	1.8	21
5	New Parametric Model to Correlate the Gibbs Excess Function and Other Thermodynamic Properties of Multicomponent Systems. Application to Binary Systems. <i>Industrial & Engineering Chemistry Research</i> , 2010, 49, 406-421.	1.8	30
6	Modeling and Experimental Evaluation of Thermodynamic Properties for Binary Mixtures of Dialkylcarbonate and Alkanes Using a Parametric Model. <i>Industrial & Engineering Chemistry Research</i> , 2007, 46, 7353-7366.	1.8	9
7	Correlation and Prediction of Excess Quantities and Vapor-Liquid Equilibria of Alkyl Esters +tert-Butyl Alcohol: Experimental Data for Propyl Esters +tert-Butyl Alcohol. <i>Journal of Chemical & Engineering Data</i> , 2006, 51, 730-742.	1.0	14
8	Thermodynamic study of (alkyl esters + alkyl dihalides) I: and for 25 binary mixtures {xCu ¹ H ₂ CO ₂ C ₂ H ₅ + (1-x)ClCH ₂ CH ₂ Cl}, where u=1 to 5, i=1 and v=2 to 6. <i>Journal of Chemical Thermodynamics</i> , 2005, 37, 1332-1346.	1.0	15
9	Thermodynamic properties of (an ester+an alkane). XVII. Experimental and values for (an alkyl) Tj ETQq1 1 0.784314 rgBT /Overlock 1	1.0	6
10	Vapor-Liquid Equilibria at 101.32 kPa and Excess Properties of Binary Mixtures of Butyl Esters +tert-Butyl Alcohol. <i>Journal of Chemical & Engineering Data</i> , 2005, 50, 444-454.	1.0	31
11	Excess Properties and Isobaric Vapor-Liquid Equilibria for Binary Mixtures of Methyl Esters +tert-Butanol. <i>Journal of Chemical & Engineering Data</i> , 2004, 49, 1602-1612.	1.0	27
12	Measurement and correlation of isobaric vapour-liquid equilibrium data and excess properties of ethyl methanoate with alkanes (hexane to decane). <i>Fluid Phase Equilibria</i> , 2004, 215, 175-186.	1.4	27
13	Thermodynamic properties of (an ester+an alkane). XVI. Experimental H _m E and V _m E values and a new correlation method for (an alkyl ethanoate+an n-alkane) at 318.15 K. <i>Journal of Chemical Thermodynamics</i> , 2004, 36, 193-209.	1.0	28
14	Isobaric Vapor-Liquid Equilibria and Excess Quantities for Binary Mixtures of an Ethyl Ester +tert-Butanol and a New Approach to VLE Data Processing. <i>Journal of Chemical & Engineering Data</i> , 2003, 48, 916-924.	1.0	22
15	Isobaric Vapor-Liquid Equilibria and Excess Properties for the Binary Systems of Methyl Esters + Heptane. <i>Journal of Chemical & Engineering Data</i> , 2003, 48, 1183-1190.	1.0	51
16	A New Correlation Method for Vapor-Liquid Equilibria and Excess Enthalpies for Nonideal Solutions Using a Genetic Algorithm. Application to Ethanol + an n-Alkane Mixtures. <i>Industrial & Engineering Chemistry Research</i> , 2003, 42, 4978-4992.	1.8	37