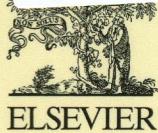


PN
F70



ELSEVIER

Volume 370, May 25 2014

ISSN 0378-3812

FLUID PHASE EQUILIBRIA

AN INTERNATIONAL JOURNAL

**FLUID PHASE
EQUILIBRIA**

CONTENTS

(Abstracted/Indexed in: *Curr. Contents/Eng. Technol. Appl. Sci. Curr. Contents/Phys. Chem. Earth Sci., Sci. Cit. Index, Phys. Abstr., ASCA*, Also covered in the abstract and citation database SCOPUS®. Full text available on ScienceDirect®)

Full Length Articles

Solubilities of CO ₂ capture absorbents 2-ethoxyethyl ether, 2-butoxyethyl acetate and 2-(2-ethoxyethoxy)ethyl acetate Y. Li, W. Huang, D. Zheng, Y. Mi and L. Dong (Beijing, China).....	1-7
Osmotic and activity coefficients of α , ω -amino acids in aqueous solutions at 298.15 K J.C. Cadena and C.M. Romero (Bogotá, Colombia).....	8-11
Hydrate phase equilibrium measurements for (THF + SDS + CO ₂ + N ₂) aqueous solution systems in porous media Y. Zhang, M. Yang, Y. Song, L. Jiang, Y. Li and C. Cheng (Dalian, China).....	12-18
(Liquid + liquid) equilibria of the (water + carboxylic acid + dibasicesters mixture (DBE-2)) ternary systems E. Ince, Y.S. Aşçı (İstanbul, Turkey).....	19-23
Predicting enthalpies of vaporization of aprotic ionic liquids with COSMO-RS B. Schröder and J.A.P. Coutinho (Aveiro, Portugal).....	24-33
Vapor-liquid equilibrium for the binary mixtures of dipropylene glycol with aromatic hydrocarbons: Experimental and regression M. Nicolae and F. Oprea (Ploiești, Romania)	34-42
Equation of state and artificial neural network to predict the thermodynamic properties of pure and mixture of liquid alkali metals F. Yousefi, H. Karimi and Z. Gandomkar (Yasouj, Iran).....	43-49
Experimental vapor pressures and thermodynamic models of perfluorocarbons PP80 and PP90 T.P. van der Stelt and P. Colonna (Delft, The Netherlands)	50-57
Thermodynamic analysis and correlation of solubility of disodium 5'-guanylate heptahydrate in aqueous ethanol mixtures B. Liu, H. Sun (Shijiazhuang, People's Republic of China and Tianjin, People's Republic of China), J. Wang and Q. Yin (Tianjin, People's Republic of China).....	58-64
The determination and correlation of the solubility of naproxen in acetone and water mixtures H. Huang, Z. Cui and Z. Wang (Nanjing, China).....	65-68
Thermodynamic modeling of phase equilibrium for gas hydrate in single and mixed refrigerants by using sPC-SAFT equation of state M. Abolala, M. Karamoddin and F. Varaminian (Iran).....	69-74
The phase behavior of Athabasca bitumen + toluene + water ternary mixtures M.J. Amani, M.R. Gray and J.M. Shaw (Edmonton, Canada).....	75-84
Solid-liquid equilibrium of binary and ternary mixtures containing ethyl oleate, ethyl myristate and ethyl stearate M.D. Robustillo, D.F. Barbosa (São Paulo, Brazil), A.J. de Almeida Meirelles (Campinas, Brazil) and P. de Alcântara Pessôa Filho (São Paulo, Brazil)	85-94
Interaction between cationic gemini surfactant and related single-chain surfactant in aqueous solutions H. Akbaş, M. Boz and A. Elemenli (Edirne, Turkey)	95-100

