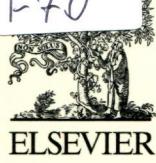


NU
F70



Volume 347, June 15 2013

ISSN 0378-3812

FLUID PHASE EQUILIBRIA

AN INTERNATIONAL JOURNAL

FLUID PHASE EQUILIBRIA

CONTENTS

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

Full Length Articles

Study on the aqueous two-phase systems composed of surfactant, ionic liquid and water X. Wang, X. Wei, J. Liu, J. Liu, D. Sun, P. Du and A. Ping (Shandong, PR China)	1-7
Isobaric vapor-liquid equilibrium for binary system of ethyl myristate + ethyl palmitate at 0.5, 1.0 and 1.5 kPa G. Tang, H. Ding, J. Hou and S. Xu (Tianjin, China)	8-14
Vapor-liquid equilibria of difluoromethane + N,N-dimethylacetamide, difluoromethane + dimethylether diethylene glycol and 1,1-difluoroethane + dimethylether diethylene glycol systems X. Li, D. Zheng, Y. Shen, X. Meng and B. Li (Beijing, China)	15-21
An empirical extension for a generalized cubic equation of state, applied to a pure substance with small molecules F. de J. Guevara-Rodríguez and A. Romero-Martínez (México)	22-27
Novel method for prediction of micro/nanostructures of diphenylalanine dipeptide based on semiempirical thermodynamic study H. Nezammahalleh and G. Amoabediny (Tehran, Iran)	28-34
Modeling gas and vapor sorption in a polymer of intrinsic microporosity (PIM-1) M. Minelli (Italy and Bologna, Italy), K. Friess (Czech Republic), O. Vopíčka (Italy and Czech Republic) and M.G. De Angelis (Italy)	35-44
Evaluation of various types equations of state on prediction of rate of hydrate formation for binary gas mixtures in the presence or absence of kinetic hydrate inhibitors in a flow mini-loop apparatus M.R. Talaghat (Shiraz, Iran)	45-53
Thermodynamic consistency test for isobaric experimental data of water content of methane J. Kondori, J. Javanmardi (Shiraz, Iran), A. Eslamimanesh (Potsdam, NY, USA) and A.H. Mohammadi (Paris, France and Durban, South Africa)	54-61
Measurement of thermophysical properties and modeling for pseudo-binary mixtures of <i>n</i> -decane and Athabasca bitumen H. Nourozieh, M. Kariznovi, J.G. Guan and J. Abedi (Calgary, Canada)	62-75

