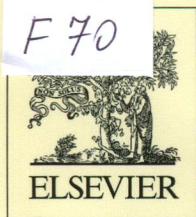


Пч
F 70

Volume 368, April 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 Article

- Bubble-point pressures of binary and ternary mixtures of acetaldehyde with Versatic 10 and Veova 10
S. Raeissi (Shiraz, Iran), L.J. Florusse (Delft, The Netherlands) and C.J. Peters (Abu Dhabi, United Arab Emirates and Eindhoven, The Netherlands)..... 1–4
- Mutual solubilities of water and hydrocarbons from the Cubic plus Association equation of state: A new mixing rule for the correlation of observed minimum hydrocarbon solubilities
M. Medeiros (Mexico)..... 5–13
- Critical and maximum temperatures of coexistence of liquid and gas phase in hydrocarbons binary mixtures. I. Critical (vapour–liquid) temperatures of alkane binary mixtures
T.N. Nesterova, S.V. Vostrikov, I.A. Nesterov, A.G. Nazmutdinov and S.E. Sosin (Samara, Russia) 14–38
- Critical and maximum temperatures of coexistence of liquid and gas phase in hydrocarbons binary mixtures. II. Maximum temperatures of coexistence of liquid and gas phase in alkane binary mixtures
T.N. Nesterova, S.V. Vostrikov, I.A. Nesterov and A.G. Nazmutdinov (Samara, Russia) 39–50
- Studies of mixing behavior of cationic surfactants
N. Dubey (Kurukshetra, India)..... 51–57
- Solubility of fluphenazine decanoate in aqueous mixtures of polyethylene glycols 400 and 600 at various temperatures
A. Jouyban (Tabriz, Iran and Tehran, Iran), F. Martinez (Bogotá D.C., Colombia) and V. Panahi-Azar (Tabriz, Iran) 58–64
- Assessing the ability of force-fields to predict liquid–liquid equilibria of ternary systems of light alcohols + water + dodecane by Monte Carlo simulation
M. Lasich, E.L. Johansson and D. Ramjugernath (Durban, South Africa)..... 65–71
- Water solubility and dynamics of CO₂ capture ionic liquids having aprotic heterocyclic anions
H. Wu and E.J. Maginn (IN, USA)..... 72–79
- Force field comparison and thermodynamic property calculation of supercritical CO₂ and CH₄ using molecular dynamics simulations
C.G. Aimoli (Santos, Brazil, Campinas, Brazil and Notre Dame, IN, USA), E.J. Maginn (Notre Dame, IN, USA) and C.R.A. Abreu (Campinas, Brazil and Rio de Janeiro, Brazil)..... 80–90
- Modeling aqueous two-phase systems: I. Polyethylene glycol and inorganic salts as ATPS former
T. Reschke, C. Brandenbusch and G. Sadowski (Dortmund, Germany)..... 91–103
- Isobaric vapor–liquid equilibria for the binary and ternary mixtures of 2-propanol, water, and 1,3-propanediol at $P = 101.3$ kPa: Effect of the 1,3-propanediol addition
Y.-F. Lin and C.-H. Tu (Shalu, Taiwan, ROC) 104–111
- Volumetric investigation of the ternary system ethanol + dimethylformamide + cyclohexane at 298.15 K
P. Gianni, L. Lepori, E. Matteoli and M.C. Righetti (Pisa, Italy)..... 112–119
- Octanol/water partition coefficients K_{ow} : A critical examination of the value of the methylene group contribution to log K_{ow} for homologous series of organic compounds
P. Molyneux (Nottingham, UK) 120–141
- Corrigendum**
Corrigendum to “High-pressure phase behavior of binary mixtures containing ionic liquid [HMP][Tf₂N], [OMP][Tf₂N] and carbon dioxide” [Fluid Phase Equilib. 308 (2011) 147–152]
J.-H. Yim, H.N. Song (Seoul, South Korea), B.-C. Lee (Daejeon, South Korea) and J.S. Lim (Seoul, South Korea)..... 142–142

