Marek Królikowski

Lista publikacji

- październik 2011

I. Prace oryginalne (rozdziały w książkach zbiorowych, artykuły w czasopismach):

1. Domańska U., Zawadzki M., **Królikowski M.**, Lewandrowska A., 2011, ***Phase equilibria study of binary and ternary mixtures of {N-octylisoquinolinium bis{(trifluoromethyl)-sulfonyl}imide + hydrocarbon, or an alcohol, or water}***, *Chemical Engineering Journal*.

2. Domańska U., **Królikowski M.**, Ramjugernath D., Letcher T. M., Tumba K., 2011, ***Phase equilibria and modeling of pyridinium-based ionic liquid solutions***, *Journal of Physical Chemistry B* 115: 15011-15017.

3. Domańska U., **Królikowski M.**, 2011, ***Thermodynamics and activity coefficients at infinite dilution measurements for organic solutes and water in the ionic liquid N-hexyl-3-methylpyridinium tosylate***, *Journal of Physical Chemistry B* 115: 7397-7404.

4. Domańska U., **Królikowski M.**, 2011**, *Phase equilibrium study of the binary systems (N-hexyl-3-methylpyridinium tosylate ionic liquid + water, or organic solvent)***, *Journal of Chemical Thermodynamics* 43*:* 1488-1494.

5. Domańska U., **Królikowski M.**, Acree Jr. W. E., 2011, ***Thermodynamics and activity coefficients at infinite dilution measurements for organic solutes and water in the ionic liquid 1-butyl-1-methylpyrrolidinium tetracyanoborate***, *Journal of Chemical Thermodynamics* 43: 1810-1817.

6. Domańska U., **Królikowski M.**, 2010, ***Phase equilibria study of the binary systems (1-butyl-3-methylimidazolium tosylate ionic liquid + water, or organic solvent)***, *Journal of Chemical Thermodynamics* 42: 355-362.

7. Domańska U., Królikowska M., **Królikowski M.**, 2010, ***Phase behaviour and physico-chemical properties of the binary systems {1-ethyl-3-methylimidazolium thiocyanate, or 1-ethyl-3-methylimidazolium tosylate + water, or + an alcohol}***, *Fluid Phase Equilibria* 294: 72-83.

8. Letcher T. M., Ramjugernath D., Tumba K., **Królikowski M.**, Domańska U., 2010, ***(Solid + liquid) and (liquid + liquid) phase equilibria study and correlation of the binary systems {N-butyl-3-methylpyridinium tosylate + water, or + an alcohol, or + a hydrocarbon}***, *Fluid Phase Equilibria* 294: 89-97.

9. Domańska U., **Królikowski M.**, 2010**, *Determination of activity coefficients at infinite dilution of 35 solutes in the ionic liquid, 1-butyl-3-methylimidazolium tosylate, using gas-liquid chromatography***, *Journal of Chemical and Engineering Data* 55: 4817-4822.

10. Letcher T. M., Ramjugernath D., Laskowska M., **Królikowski M.**, Naidoo P., Domańska U., 2009, ***Activity coefficients at infinite dilution measurements for organic solutes in the ionic liquid N-butyl-4-methylpyridinium tosylate using GLC at T = (328,15, 333,15, 338,15, and 343,15) K***, *Fluid Phase Equilibria* 276: 31-36.

11. Domańska U., **Królikowski M.**, Pobudkowska A., Letcher T. M., 2009, ***Phase equilibria study of the binary systems (N-butyl-4-methylpyridinium tosylate ionic liquid + organic solvent, or water)***, *Journal of Chemical and Engineering Data* 54: 1435-1441.

12. Domańska U., **Królikowski M.**, Paduszyński K., 2009, ***Phase equilibria study of the binary systems (N-butyl-3-methylpyridinium tosylate ionic liquid + an alcohol)***, *Journal of Chemical Thermodynamics* 41: 932-938.

13. Domańska U., **Królikowski M.**, Ślesińska K., 2009, ***Phase equilibria study of the binary systems (ionic liquid + thiophene): Desulphurization proces***s, *Journal of Chemical Thermodynamics* 41: 1303-1311.

14. Letcher T. M., Ramjugernath D., Laskowska M., **Królikowski M.**, Naidoo P., Domańska U., 2008, ***Activity coefficients at infinite dilution measurements for organic solutes in the ionic liquid trihexyltetradecylphosphonium bis(2,4,4-trimethylpentyl)-phosphinate using g.l.c, at T = (303,15, 308,15, 313,15, and 318,15) K***, *Journal of Chemical Thermodynamics* 40: 1243-1247.

15. Letcher T. M., Ramjugernath D., Laskowska M., **Królikowski M.**, Naidoo P., Domańska U., 2008, ***Determination of activity coefficients at infinite dilution of solutes in the ionic liquid, trihexyltetradecylphosphonium bis(trifluoromethylsulfonyl)imide, using gas-liquid chromatography at T = (303,15, 308,15, 313,15, and 318,15) K***, *Journal of Chemical and Engineering Data* 53: 2044-2049.

16. Domańska U., Marciniak A., **Królikowski M.,** 2008, ***Phase equilibria and modeling of ammonium ionic liquid, C_2NTf_2, solutions***, *Journal of Physical Chemistry B* 112: 1218-1225.

17. Domańska U., Żołek-Tryznowska Z., **Królikowski M.**, 2007, ***Thermodynamic phase behavior of ionic liquids***, *Journal of Chemical and Engineering Data* 52: 1872-1880.

18. Domańska U., Pobudkowska A., **Królikowski M.**, 2007, ***Separation of aromatic hydrocarbons from alkanes using ammonium ionic liquid C_2NTf_2 at T = 298.15 K***, *Fluid Phase Equilibria* 259: 173-179.