

## Spis publikacji 2008

- 1) M. Wawrzkiwicz, Z. Hubicki, Zastosowanie anionitów słabo i silnie zasadowych w procesie usuwania indygokarminu z roztworów wodnych, *Przemysł Chemiczny* **87** (2008) 711-714.
- 2) Z. Hubicki, A. Wołowicz, M. Leszczyńska, Studies of removal of palladium(II) ions from chloride solutions on weakly and strongly basic anion exchangers, *Journal of Hazardous Materials* **159** (2008) 280–286.
- 3) H. Hubicka, D. Kołodyńska, Application of monodisperse anion exchangers in sorption and separation of  $Y^{3+}$  from  $Nd^{3+}$  complexes with DCTA, *Journal of Rare Earths*, **26** (2008) 619-625.
- 4) D. Kołodyńska, H. Hubicka, Z. Hubicki, Sorption of heavy metal ions from aqueous solutions in the presence of EDTA on monodisperse anion exchangers, *Desalination*, **227** (2008) 150-166.
- 5) D. Kołodyńska, H. Hubicka, Z. Hubicki, Investigations of sorption of copper(II) and zinc(II) complexes with edta and nta using the chelating ion exchanger, *Nowoczesny Naukowy Zwiastun*, **3** (2008) 33-43.
- 6) D. Kołodyńska, H. Hubicka, Z. Hubicki, Comparison of chelating ion exchange resins in sorption of copper(II) and zinc(II) complexes with ethylenediaminetetraacetic (EDTA) and nitrilotracetic acid (NTA), *Canadian Journal of Chemistry*, **86** (2008) 958-969.
- 7) D. Kołodyńska, Z. Hubicki, Zastosowanie czynników kompleksujących w procesie usuwania kadmu(II) z roztworów wodnych, *Przemysł Chemiczny*, **87** (2008) 781-785.
- 8) D. Kołodyńska, Z. Hubicki, M. Gęca, Polyaspartic acid as a new complexing agent in removal of heavy metal ions on polystyrene anion exchangers, *Industrial & Engineering Chemistry Research*, **47** (2008) 6221-6227.
- 9) D. Kołodyńska, Z. Hubicki, M. Gęca, Application of a new generation complexing agent in removal of heavy metal ions from aqueous solutions, *Industrial & Engineering Chemistry Research*, **47** (2008) 3192-3199.
- 10) D. Kołodyńska, J. Ryzkowski, Z. Hubicki, FT-IR/PAS studies of chelates adsorption on anion exchangers, *The European Physical Journal Special Topics*, **154** (2008) 339-343.
- 11) G. Wójcik, S. Pasieczna-Patkowska, Z. Hubicki and J. Ryzkowski "Investigation of platinum(IV) ions sorption on SIRs by using Photoacoustic and DRS methods" *The European Physical Journal* **154** (2008) 373 ISSN 1951-6355
- 12) G. Wroński, S. Pasieczna-Patkowska, Z. Hubicki "Mechanism of sorption sulpho-derivative organic chelating agents on strong base anion Exchange Amberlite IRA-402 by FT-IR/PAS and DRS methods, *The European Physical Journal Special Topics*, **154** (2008) 377-380.

- 13) W. Gac, J. Goworek, G. Wójcik, L. Kępiński „The properties of gold catalysts precursors adsorbed on the MCM-41 materials modified with Mn and Fe oxides” *Adsorption* 14 (2008) 247
- 14) A. Gładysz-Płaska, M. Majdan, S. Pikus, „Adsorption of lanthanides on mordenite from nitrate medium”, *Journal of Colloid and Interface Science* (2008), 317, 2, 409-423 .
- 15) M. Majdan, O. Maryuk, A. Gładysz-Płaska, S. Pikus, R. Kwiatkowski , “Spectral characteristics of the bentonite loaded with benzyldimethyloctadecylammonium chloride, hexadecyltrimethylammonium bromide and dimethyldioctadecylammonium bromide “, *Journal of Molecular Structure*, (2008), 874, 1-3, 101-107.
- 16) J. Fiedurek, M. Trzytek, S. Radzki, Method of the terpenoid fragrances obtaining from limonene, PL Patent., (2008), Nr PL 198047.
- 17) K. Polska, S. Radzki, Spectral and AFM characterization of trimethylammonio-phenylporphyrin and concanavalin A associate in solution and monolithic SiO<sub>2</sub> gels obtained by the sol-gel method, *Optical Materials* 30 (2008) 1644-1654.
- 18) L.A. Tomachynski, I.N. Tretyakova, V.Ya. Chernii, S.V. Volkov, M. Kowalska, J. Legendziewicz, Y.S. Gerasymchuk, S. Radzki, Synthesis and spectral properties of Zr(IV) and Hf(IV) phthalocyanines with  $\beta$ -diketonates as axial ligands, *Inorganica Chimica Acta* 361 (2008) 2569-2581.
- 19) M. Makarska-Białokoz, G. Pratviel, S. Radzki, The influence of solvent polarity on spectroscopic properties of 5-[4-(5-carboxy-1-butoxy)-phenyl]-10,15,20-tris(4-n-methylpyridinium)porphyrin and its Fe(III) and Mn(III) ions, *J. Molecular Structure* 875 (2008) 468-477.
20. Z. Hubicki, M. Wawrzekiewicz, A. Wołowicz, Application of ion exchange methods in recovery of Pd(II) ions – a review, *Chem. Anal. (Warsaw)*, 53 (2008) 759.
21. M. Makarska, G. Pratviel, Long-range charge transport through double-stranded DNA mediated by manganese- or iron-porphyrins, *Journal of Biological Inorganic Chemistry*, 13(6) (2008) 973.
22. M. Majdan, E. Sabah, M. Bujacka, Właściwości adsorpcyjne sepiolitu, *Przemysł Chemiczny*, 87/10 (2008) 1022.

