

Publications

Fischer, G. and Irgum, K. (2005), in preparation:

„Polymer coated Titania as a new pH-stabile Sorbent for HPLC“

Courtois, J.; **Fischer, G.**; Schauff, S. and Irgum, K. (2005), in preparation:
Monolithic Molecularly Imprinted Polymers, Designed Synthesis for NMR investigations

Jiang, W.; **Fischer, G.**; Girmay, J. and Irgum, K. (2005), submitted to Anal. Chem.
„Zwitterionic Stationary Phase with Covalently Bonded Phosphorylcholine Type Polymer Grafts and its Applicability to HPLC Separation of Peptides in the Hydrophilic Interaction Mode“

Courtois, J.; **Fischer, G.**; B. Sellergren and Irgum, K. (2005), submitted to Anal. Chem.:
„Monolithic Molecularly Imprinted Polymer synthesized in Capillaries for High Selectivity Liquid Chromatography“

Fischer, G. & Albert, K. (2005). Patent WO 2005002722:
„Method for applying active substances on nonporous silica gel particles“

Albert, K., **Fischer G.**, Novak F., Schetter B., Speiser, B. (2005). In Bearbeitung:
“Synthesis, Spectroscopical and Electrochemical Investigation of Redoxactive Modified Stöber Silica Nanoparticles”

Skogsberg, U.; Meyer, C.; **Fischer, G.**; Schauff, S.; Welsch, N.; Hall, A.; Sellergren, B. and Albert, K. (2005), submitted to Macromolecules:
„A Solid-State and Suspended-State Magic Angle Spinning Nuclear Magnetic Resonance Spectroscopic Investigation of a 9-Ethyladenine Molecularly Imprinted Polymer based on Methacrylic Acid and Ethyleneglycol Dimethacrylate“

Bottoli, C. B. G., Camila, R. M., **Fischer, G.**, Albert, K., Collins, K. E. & Collins, C. H., (2004). J. Chromatography A. 1030, 217-223:
„Self-Immobilization and/or Thermal Treatment for Preparing Silica-Poly(Methyloctylsiloxane) Stationary Phases“

Fischer, G., Skogsberg, U., Bachmann, S., Yüksel, H., Steinbrecher, S., Plies, E., & Albert, K. (2003). Chem. Mater. 15, 4394-4400:
„Synthesis, Characterization and Evaluation of Divinylbenzene-Coated Spherical Nonporous Silica“

Healy, L. O., Owens, V. P., O'Mahony, T., Srijaranai, S., Holmes, J. D., **Fischer, G.**, Albert, K. and Glennon, J. D. (2003). Anal. Chem. 75, 5860-5869:
“Supercritical Fluid Generated Stationary Phases for Liquid Chromatography and Capillary Electrochromatography“

Wegmann, J., Krucker, M., Bachmann, S., **Fischer, G.**, Zeeb, D. Lienau, A., Glaser, T., Runge, F., Lüddecke, E. & Albert, K. (2002). J. Agric. Food. Chem. 50, 7510-7514:
„Characterization of Lycopene Nanoparticles Combining Solid-State and Suspended-State NMR Spectroscopy“