

## Publikationen

Elsner, V., Wulf, V., Wirtz, M., Schmitz, O. J.

***Reproducibility of retention time and peak area in comprehensive two-dimensional liquid chromatography***

Analytical and Bioanalytical Chemistry (2015) 407, 279-284

Hyzak, L., Moos, R., von Rath, F., Wulf, V., Wirtz, M., Melchior, D., Kling, H.-W., Köhler, M., Gäb, S., Schmitz, O. J.

***Quantitative Matrix-Assisted Laser Desorption Ionization-Time-of-Flight Mass Spectrometry Analysis of Synthetic Polymers and Peptides***

Analytical Chemistry (2011) 83, 9467-9471

Opitz, A., Wirtz, M., Melchior, D., Mehling, A., Kling, H.-W., Neubert, R.H.H.

***Improved Method for Stratum Corneum Lipid Analysis by Automated Multiple Development HPTLC***

Chromatographia (2011) 73, 559-565

Dück, R., Wulf, V., Geißler, M., Baier, H.-U., Wirtz, M.; Kling, H.-W., Gäb, S., Schmitz, O.J.

***Combination of chemical and electron-impact ionization with GCxGC-qMS for the characterization of fatty alcohol alkoxylate polymers in the low molecular range up to 700 Da***

Analytical and Bioanalytical Chemistry (2010) 396, 2273-2283

Wulf, V., Wienand, N., Wirtz, M., Kling, H.-W., Gäb, S., Schmitz, O.J.

***Analysis of special surfactants by comprehensive two-dimensional gas chromatography coupled to time-of-flight mass spectrometry***

Journal of Chromatography A (2010) 1217, 749-754

Schiewek, R., Wirtz, M., Thiemann, M., Plitt, K., Vogt, G., Schmitz, O.J.

***Determination of the DNA methylation level of the marbled crayfish: An increase in sample throughput by an optimised sample preparation***

Journal of Chromatography B (2007) 850, 548-552

Hiendleder, S., Mund, C., Wirtz, M., Klempt, M., Reichenbach, H.-D., Stojkovic, M., Weppert, M., Wenigerkind, H. Elmlinger, M. Lyko, F., Schmitz, O.J., Wolf, E.

***Tissue-specific effects of in vitro fertilization procedures on genomic cytosine methylation levels in overgrown and normal sized bovine fetuses***

Biology of Reproduction (2006) 75, 17-23

Corcoran, M., Parker, A., Martin, O. J., Davis, Z., Wirtz, M., Schmitz, O.J., Oscier, D.

***ZAP-70 methylation status is associated with ZAP-70 expression status in chronic lymphocytic leukemia***

Haematologica (2005) 90, 1078-1088

Wirtz, M., Schumann, C.A., Schellenträger, M., Gäß, S., vom Brocke, J., Podeschwa, M.A.L., Altenbach, H.J., Oscier, D., Schmitz, O.J.

***Capillary electrophoresis-laser induced fluorescence analysis of endogenous DNA damage in mitochondrial and genomic DNA***

Electrophoresis (2005) 26, 2599-2607

Lyko, F., Stach, D., Brenner, A., Stilgenbauer, S., Döhner, H., Wirtz, M., Wiessler, M., Schmitz, O.J.

***Quantitative analysis of DNA methylation in chronic lymphocytic leukemia patients***

Electrophoresis (2004) 25, 1530-1535

Wirtz, M., Stach, D., Kliem, H.C., Wiessler, M., Schmitz, O.J.

***Determination of the DNA methylation level in tumor cells by capillary electrophoresis and laser-induced fluorescence detection***

Electrophoresis (2004) 25, 839-845

Bürger, H., Jerzembeck, W., Ruland, H., Wirtz, M.

***High resolution FTIR spectra of AsD<sub>3</sub> in the 20-1000 cm<sup>-1</sup> region. The ground,  $\nu_2 = 1$  and  $\nu_4 = 1$  states***

Molecular Physics (2000) 98, 589-604

Im Zeitraum 2008-2013 wurde zusätzlich zu o.a. Publikationen an Projekten im Bereich Produktcharakterisierung bzw. -wirkung gearbeitet, die aufgrund verschiedener Industrieinteressen nicht in wissenschaftlichen Fachzeitschriften publiziert werden konnten.