

List of publications

Books / Book chapter

- S.-C. Bunz, C. Neusüß (2013) The selective determination of sulfates, sulfonates and phosphates in urine by Capillary Electrophoresis – Mass Spectrometry in Clinical Applications of Capillary Electrophoresis (Methods in Molecular Biology 919), ed. T. M. Phillips and H. Kalish, *Humana Press*, ISBN 978-1-62703-028-1, 25-34.
- C. Neusüß, M. Pelzing (2009) Capillary zone electrophoresis-mass spectrometry for the characterization of isoforms of intact glycoproteins, in *Mass Spectrometry of Proteins and Peptides (Methods in Molecular Biology Vol 146)*, ed. M. Lipton and L. Paša-Tolić *Humana Press*, 201-214.
- C. Neusüß, M. Pelzing (2007) Capillary Electrophoresis-Mass Spectrometry for the analysis of peptides and proteins. in „Spectroscopic Methods in Proteomics“ ed. D. Sem, *CRC Press*, 47-66.
- C. Neusüß, M. Pelzing (2006) Electromigration techniques coupled to MS in the analysis of peptides and proteins – Unique utility, typical applications and perspectives. in „Encyclopedia of Mass Spectrometry Vol. 8“ ed. W. Niessen, *Elsevier Science*, 948-956.
- H. Herrmann, P. Barzaghi, O. Böge, E. Brüggemann, B. Ervens, A. Donati, J. Hesper, T. Gnauk, Y. Inuma, K. Müller, C. Neusüß, A. Plewka (2002) Tropospheric Multiphase Chemistry in Field, Modelling and Laboratory Studies. In “Global Atmospheric Change and its Impact on Regional Air Quality (Nato Science Series IV: Earth and Environmental Sciences)” ed. I. Barnes, Springer
- C. Neusüß (2000) Größenaufgelöste Zusammensetzung atmosphärischer Aerosolpartikel. VWF Verlag für Wissenschaft und Forschung, Berlin, ISBN 3-89700-288-4.

Peer-reviewed publications

Reviews

- M. Pioch, S.-C. Bunz, C. Neusüß (2012) Capillary Electrophoresis/Mass Spectrometry relevant to pharmaceutical and biotechnological applications, *Electrophoresis*, 33, 11, 1517–1530.
- W. Kolch, C. Neusüß, M. Pelzing, H. Mischak (2005) Capillary electrophoresis – mass spectrometry as a powerful tool in clinical diagnosis and biomarker discovery, *Mass Spectrometry Reviews* 24, 959-977.
- J. Ohnesorge, C. Neusüß, H. Wätzig (2005) Quantitation in capillary electrophoresis – mass spectrometry, *Electrophoresis*, 26, 3973-3987.
- J. Hernández-Borges, C. Neusüß, A. Cifuentes, M. Pelzing (2004) On-line Capillary Electrophoresis-Mass Spectrometry for the analysis of biomolecules, *Electrophoresis*, 25, 2257-2281.

2013

- K. Jooß, J. Sommer S.-C. Bunz, C. Neusüß (2013) In-line SPE-CE using a fritless bead string design—Application for the analysis of organic sulfonates including inline SPE-CE-MS for APTS-labeled glycans *Electrophoresis* 2013, 00, 1–8 (early view published on-line).
- S.-C. Bunz, F. Cuttillo C. Neusüß (2013) Analysis of native and APTS-labeled N-glycans by capillary5 electrophoresis/time-of-flight-mass spectrometry, *Anal. Bioanal. Chem.*, 405 (25), 8277-8284
- S.-C. Bunz, E. Rapp, C. Neusüß (2013) Capillary electrophoresis / mass spectrometry of APTS-labeled glycans for the identification of unknown glycan species in capillary electrophoresis/ laser induced fluorescence systems. *Anal. Chem.* 85 (21), 10218–10224
- N. Leymarie, P. J. Griffin, K. Jonscher, D. Kolarich, R. Orlando, M. McComb J. Zaia, J. Aguilan, W. R. Alley, F. Altmann, L. E. Ball, L. Basumallick, C. R. Bazemore-Walker, H. Behnken, M. A. Blank, K. J. Brown, S.-C. Bunz, C. W. Cairo, J. F. Cipollo, R. Daneshfar, H. Desaire, R. R. Drake, E. P. Go, R. Goldman, C. Gruber, A. Halim, Y. Hathout, P. J. Hensbergen, D. M. Horn, D. Hurum, W. Jabs, G. Larson, M. Ly, B. F. Mann, K. Marx, Y. Mechref, B. Meyer, U. Möginger, C. Neusüß, J. Nilsson, M. V. Novotny, J. O. Nyalwidhe, N. H. Packer, P. Pompach, B. Reiz, A. Resemann, J. S. Rohrer, A. Ruthenbeck, M. Sanda, J. M. Schulz, U. Schweiger-Hufnagel, C. Sihlbom, E. Song, G. O. Staples, D. Suckau, H. Tang, M. Thaysen-Andersen, R. I. Viner, Y. An, L. Valmu, Y. Wada, M. Watson, M. Windwarder, R. Whittall, M. Wuhrer, Y. Zhu, C. Zou. (2013) Interlaboratory Study on Differential Analysis of Protein Glycosylation by Mass Spectrometry: the ABRF Glycoprotein Research Multi-Institutional

Study 2012, *Molecular & Cellular Proteomics*, 12, 2935-2951.

- C. Brückner, S.-C. Bunz, C. Neusüß, G.K.E. Scriba (2013) Isomerization and Epimerization of the Aspartyl Tetrapeptide Ala-Phe-Asp-GlyOH at pH 10 – a Capillary Electrophoresis Study, *Electrophoresis* 34(18):2666-73. doi: 10.1002/elps.201200685
- I. Maijó, N. Fontanals, F. Borrull, C. Neusüß, M. Calull, C. Aguilar (2013) Determination of UV-Filters in River Water Samples by In-line Solid-Phase Extraction-Capillary Electrophoresis-Mass Spectrometry, *Electrophoresis* 34, 3, 374–382.

2012

- C. Brückner, S.-C. Bunz, C. Neusüß, G. K. E. Scriba (2012) CE-MS Identification of Amino Acid Sequence Inversion as a New Degradation Pathway of an Aspartyl Model Tripeptide, *Chromatographia*, 75, 19-20, 1205-1210.
- A. Taichrib, M. Pioch, C. Neusüß (2012) Towards a Screening Method for the Analysis of Small Intact Proteins by CE-ESI-TOF MS, *Electrophoresis*, 33(9-10):1356-66.
- A. Taichrib, M. Pioch, C. Neusüß (2012) Multivariate Statistics for the Differentiation of Erythropoietin Preparations based on Intact Glycoforms determined by CE-MS, *Analytical and Bioanalytical Chemistry*, 403, 3, 797-805.
- C. Huhn, L. R. Ruhaak, J. Mannhardt, M. Wuhrer, C. Neusüß, A. M. Deelder and H. Meyer (2012) Alignment of laser-induced fluorescence and mass spectrometric detection traces using electrophoretic mobility scaling in CE-LIF-MS of labeled N-glycans *Electrophoresis*, 33, 4, 563-566.

2011

- A. Taichrib, M. Pelzing, C. Pellegrino, M. Rossi, C. Neusüß (2011) High resolution TOF MS coupled to CE for the analysis of isotopically resolved intact proteins, *J. Proteomics*, 2011, 74, 958 – 966.
- A. Taichrib, G. K. E. Scriba, C. Neusüß (2011) Identification and Characterization of Impurities of Tetracosactide by Capillary Electrophoresis and Liquid Chromatography coupled to Time-of-Flight Mass Spectrometry, *Anal. Bioanal. Chem.*, 2011, 401, 1365–1375.

2010

- P. Domann, S. Akashi, C. Barbas, L. Huang, W. Lau, C. Legido-Quigley, S. McClean, C. Neusüß, D. Perrett, M. Quaglia, E. Rapp, L. Smallshaw, N. Smith, W. F. Smyth, C. F Taylor (2010) Guidelines for reporting the use of capillary electrophoresis in proteomics, *Nature Biotechnology*, 2010, 28 (7), 654-655
- S.-C. Bunz, W. Weinmann, C. Neusüß (2010) The selective determination of sulfates, sulfonates and phosphates in urine by CE-MS. *Electrophoresis*, 2010, 31, 1274-1281.
- S. Ongay, C. Neusüß Isoform Differentiation of Intact AGP from human Serum by Capillary Electrophoresis-Mass Spectrometry, *Anal. Bioanal. Chem.* 2010, 398, 845-855.
- S. Ongay, C. Neusüß, S. Vaas, J. C. Díez-Masa, M. de Frutos. Evaluation of the effect of the immunopurification-based procedures on the CZE-UV and CZE-ESI-TOF-MS determination of isoforms of intact α -1-acid glycoprotein from human serum, *Electrophoresis*, 2010 31, 11, 1796-1804.
- S. Ongay, P. J. Martín-Álvarez, C. Neusüß, M. de Frutos (2010) Statistical evaluation of CZE-UV and CZE-ESI-MS data of intact α -1-acid glycoprotein isoforms for their use as potential biomarkers in bladder cancer. *Electrophoresis*, 2010, 31, 19, 3314-3325.
- U Conrad, A. Taichrib, C. Neusüß, G. K.E. Scriba (2009) Capillary electrophoresis analysis of the degradation of the aspartyl tripeptide Phe-Asp-GlyOH at pH 2.0 and 7.4 under forced conditions *J. Pharm. Biomed. Anal.* 51 (2010) 640–648.
- B. Sungthong, R. Ivanyi, S. –C. Bunz, C. Neusüß, G. K. E. Scriba (2010) CE-MS characterization of negatively charged α -, β - and γ -CD derivatives and their application to the separation of dipeptide and tripeptide enantiomers by CE. *Electrophoresis* 2010, 31 1498-1505.
- Good DM, Zúrbig P, Argilés A, Bauer HW, Behrens G, Coon JJ, Dakna M, Decramer S, Delles C, Dominiczak AF, Ehrich JH, Eitner F, Fliser D, Frommberger M, Ganser A, Girolami MA, Golovko I, Gwinner W, Haubitz M, Herget-Rosenthal S, Jankowski J, Jahn H, Jerums G, Julian BA, Kellmann M, Kliem V, Kolch W, Krolewski AS,

Luppi M, Massy Z, Melter M, Neusüß C, Novak J, Peter K, Rossing K, Rupprecht H, Schanstra JP, Schiffer E, Stolzenburg JU, Tarnow L, Theodorescu D, Thongboonkerd V, Vanholder R, Weissinger EM, Mischak H, Schmitt-Kopplin P. (2010) *Mol Cell Proteomics*. 9(11):2424-37

2009

- F. J. Lara, A. M. García-Campana, C. Neusüß, F. Alés-Barrero (2009) Determination of sulfonamide residues in water samples by in-line solid-phase extraction-capillary electrophoresis. *J. Chromatography A*, 1216 (2009) 3372–3379.
- J. Jung, M. R. Meyer, H. H. Maurer, C. Neusüß, W. Weinmann, V. Auwaerter (2009), Studies on the metabolism of the Δ^9 tetrahydrocannabinol precursor Δ^9 tetrahydrocannabinolic acid A (Δ^9 THCAA) in rat using LC MS MS, LC QTOF MS and GC MS techniques, *J. Mass Spectrom.* 2009, 44, 1423-1433.

2008

- J. Kempf, U. Stedtler, C. Neusüß, W. Weinmann, V. Auwärter (2008) Identification of sinicuichi alkaloids in human serum after intoxication caused by oral intake of a *Heimia salicifolia* extract. *Forensic Science International*, 179 (2-3), 57-61.
- F.-M. Matysik, C. Neusüß, M. Pelzing (2008) Fast capillary electrophoresis coupled with time-of-flight mass spectrometry under separation conditions of high electrical field strengths. *Analyst* 133, 1764–1766.
- E. Baidoo, P. Benke, C. Neusüß, M. Pelzing, G. Kruppa, J. Leary, J. Keasling (2008) Capillary Electrophoresis-Fourier Transform Ion Cyclotron Resonance Mass Spectrometry for the Identification of Cationic Metabolites via a pH-Mediated Stacking-Transient Isotachopheretic Method, *Anal. Chem.*, 80 (9), 3112-3122.
- L. R. Ruhaak, C. Huhn, W.-J. Waterreus, A. R. de Boer, C. Neusüß, C. H. Hokke, A. M. Deelder, M. Wührer, (2008) Hydrophilic Interaction Chromatography-Based High-Throughput Sample Preparation Method for N-Glycan Analysis from Total Human Plasma Glycoproteins, *Anal. Chem.* 80, 6119-6126.

2007

- O. Mayboroda, C. Neusüß, M. Pelzing, G. Zurek, R. Derks, I. Meulenbelt, M. Kloppenburg, E. Slagboom and A. Deelder (2007) Amino acid profiling in urine by capillary zone electrophoresis – mass spectrometry, *J. Chromatography A*, 1159, 1-2, 149-153.
- A. Carrasco-Pancorbo, C. Neusüß, M. Pelzing, A. Segura-Carretero, A. Fernández-Gutiérrez (2007) CE- and HPLC-TOF-MS for the characterization of phenolic compounds in olive oil, *Electrophoresis*, 28(5), 806-821.
- V. Sanz-Nebot, E. Balaguer, F. Benavente, C. Neusüß, J. Barbosa (2007) Characterization of transferrin glycoforms in human serum by CE-UV and CE-ESI-MS. *Electrophoresis*, 28, 1949-1957.
- H. Mischak, R. Apweiler, R. E. Banks, M. Conaway, J. Coon, A. Dominiczak, J. H. H. Ehrich, D. Fliser, M. Girolami, H. Hermjakob, D. Hochstrasser, J. Jankowski, B. A. Julian, W. Kolch, Z. A. Massy, C. Neusüß, J. Novak, K. Peter, K. Rossing, J. Schanstra, O. J. Semmes, D. Theodorescu, V. Thong-boonkerd, E. M. Weissinger, J. E. Van Eyk, T. Yamamoto (2007) Clinical Proteomics: A need to define the field and to begin to set adequate standards. *Proteomics Clin. Appl.*, 1, 148-156.

2006

- E. Balaguer and C. Neusüß (2006) Glycoprotein Characterization Combining Intact Protein and Glycan Analysis by Capillary Electrophoresis-Electrospray Ionization-Mass Spectrometry, *Anal. Chem.*, 78(15), 5384-5393.
- E. Balaguer, U. Demelbauer, M. Pelzing, V. Sanz-Nebot, J. Barbosa, C. Neusüß (2006) Glycoform characterization of erythropoietin combining glycan and intact protein analysis by capillary electrophoresis – electrospray – time-of-flight mass spectrometry, *Electrophoresis*, 27, 2638–2650
- A. Psurek, C. Neusüß, E. Balaguer, H. Brückner, G. Scriba, (2006) Detection of new sequences of Alamethicin F30 by nonaqueous capillary electrophoresis - mass spectrometry, *J. Pep. Sci.*, 12, 279-290.
- P. Zürgbig, M. B. Renfrow, E. Schiffer, J. Novak, M. Walden, S. Wittke, M. Pelzing, C. Neusüß, D. Theodorescu, K. E. Root, M. M. Ross, H. Mischak (2006) Biomarker discovery by CE-MS enables sequence analysis via MS/MS with platform-independent separation, *Electrophoresis*, 27 (11), 2111-2125.

- E. Balaguer, C. Neusüß Intact glycoform characterization of epoetin- α and epoetin- β by capillary electrophoresis-electrospray-time-of-flight mass spectrometry, *Chromatographia*, 64 (5-6), 351-357.
- C. Simó ,P. Pérez, C. Neusüß, M. Pelzing, J. San Román, A. Gallardo, A. Cifuentes (2006) Capillary electrophoresis-mass spectrometry of a new cross-linker with acrylic functionality, *Electrophoresis*, 27, 2250–2258.
- P. Pérez, C. Simó, C. Neusüß, M. Pelzing, J. San Román, A. Cifuentes, A Gallardo (2006) New Pseudopeptidic Cross-Linker Containing Urea Bonds: Study of Its Degradation Routes in Aqueous Media Using Capillary Electrophoresis-Mass Spectrometry, *Biomacromolecules*, 7, 720-727

2005

- C. Neusüß, U. Demelbauer, M. Pelzing (2005) Glycoform characterization of intact erythropoietin by capillary electrophoresis-electrospray-time of flight-mass spectrometry. *Electrophoresis*, 26, 1442-1450.
- G. Bringmann, I. Kajahn, C. Neusüß, M. Pelzing, S. Laug, M. Unger, U. Holzgrabe (2005) Analysis of the glucosinolate pattern of *Arabidopsis thaliana* seeds by capillary electrophoresis coupled to electrospray ionization time-of-flight mass spectrometry, *Electrophoresis*, 26, 1513-1522.
- C. Huhn C., C. Neusüß, M. Pelzing, U. Pyell, J. Mannhardt, M. Pütz, (2005) Capillary electrophoresis - laser induced fluorescence - mass spectrometry: A case study, *Electrophoresis*, 26, 1389-1397.
- C. Simó, M. Herrero, C. Neusüß, M. Pelzing, E. Kenndler, C. Barbas, E. Ibáñez, A. Cifuentes, (2005) Characterization of proteins from *Spirulina platensis* microalga using capillary electrophoresis-ion trap-mass spectrometry and capillary electrophoresis-time of flight-mass spectrometry, *Electrophoresis*, 26, 2674-2683.
- M. Pelzing, C. Neusüß, (2005) Separation techniques hyphenated to tandem mass spectrometry in proteomics – capillary electrophoresis versus nano-liquid chromatography, *Electrophoresis*, 26, 2717-2728.
- A. Psurek, C. Neusüß, M. Pelzing, G. Scriba, (2005) Analysis of alamethicin peptaibols by nonaqueous capillary electrophoresis-electrospray ionization mass spectrometry, *Electrophoresis*, 26, 4368-4378.
- G. Lammel, T. Engelhardt, A. Leip, C. Neusüß, A. Röhr, B. Wehner, A. Wiedensohler, P. Wieser (2005) Transformation of aerosol chemical properties due to transport over city. *J. Atmos. Chem.* 51 (1), 95-117.

2004

- M. Unger, M. Dreyer, S. Specker, S. Laug, M. Pelzing, C. Neusüß, U. Holzgrabe, G. Bringmann (2004) Analytical characterisation of crude extracts from an african *Ancistrocladus* species using high performance liquid chromatography and capillary electrophoresis coupled to tandem mass spectrometry. *Phytochem. Anal.*, 15, 21-26.
- A. Plewka, T. Gnauk, E. Büggemann, C. Neusüß, H. Herrmann (2004) Size-Resolved Aerosol Characterization for a Polluted Episode at the IFT Research Station Melpitz in Autumn 1997. *J. Atmos. Chem.* 48, 2, 131-156.

2003

- S. De Boni, C. Neusüß, M. Pelzing, G. K. E. Scriba (2003) Identification of degradation products of aspartyl tripeptides by capillary electrophoresis-tandem mass spectrometry. *Electrophoresis* 24, 874-882.
- B. Sierau, F. Stratmann, M. Pelzing, C. Neusüß, D. Hofmann, M. Wilck (2003) A condensation-growth and impaction method for rapid off-line chemical-characterization of organic submicrometer atmospheric aerosol particles. *J. Aerosol Sci.* 34 (2), 225-242.
- S. A. Guazotti, D. T. Suess, K. R. Coffee, P. K. Quinn, T. S. Bates, A. Wisthaler, A. Hansel, W. P. Ball, R. R. Dickerson, C. Neusüß, P. J. Crutzen, K. A. Prather (2003) Characterization of carbonaceous aerosols outflow from India and Arabia: Biomass/biofuel burning and fossil fuel combustion. *J. Geophys. Res.* 108 (D15), 4485-4498.
- A. Maßling, A. Wiedensohler, B. Busch, C. Neusüß, P. Quinn, T. Bates, D. Covert (2003) Hygroscopic properties of different aerosol types over the Atlantic and Indian Oceans. *Atmos. Chem. Phys.*, 3, 1-21.
- U. Dusek, D. S. Covert, A. Wiedensohler, C. Neusüß, D. Weise, W. Cantrell (2003) Cloud condensation nuclei spectra derived from size distributions and hygroscopic properties of the aerosol in coastal south-west Portugal during ACE-2. *Tellus* 55B, 35-53.
- G. Lammel, E. Brüggemann, T. Gnauk, K. Müller, C. Neusüß, A. Röhr (2003) A new method to study aerosol source contributions along the tracks of air parcels and its implication to the near-ground level aerosol chemical composition in central Europe. *J. Aerosol Sci.* 34, 1-25.

2002

- C. Neusüß, M. Pelzing, M. Macht (2002) A robust approach for the analysis of peptides in the low femtomole range by capillary electrophoresis-tandem mass spectrometry. *Electrophoresis* 23, 3149-3159.
- C. Neusüß, T. Gnauk, A. Plewka, H. Herrmann, P. K. Quinn (2002) Carbonaceous aerosol over the Indian Ocean: OC/EC fractions and selected specifications from size-segregated onboard samples. *J. Geophys. Res.* 107 (D19), 8031-8043.
- C. Neusüß, H. Wex, W. Birmili, A. Wiedensohler, C. Koziar, B. Busch, E. Brüggemann, T. Gnauk, M. Ebert, D. S. Covert (2002) Characterization and parameterization of atmospheric aerosol number-, mass-, and chemical-size distributions in central Europe during LACE 98 and MINT. *J. Geophys. Res.* 107 (D21), 8127.
- B. Busch, K. Kandler, L. Schütz, C. Neusüß (2002) Hygroscopic properties and water-soluble fraction of atmospheric particles in the diameter range from 50 nm to 3.8 µm during LACE 98. *J. Geophys. Res.* 107 (D21), 8119.
- P. K. Quinn, D. J. Coffman, T. S. Bates, T. L. Miller, J. E. Johnson, E. J. Welton, C. Neusüß, M. Miller, P. J. Sheridan (2002) Aerosol optical properties during INDOEX 1999: Means, variability, and controlling factors. *J. Geophys. Res.* 107 (D19) 8020.
- R. R. Dickerson, M. O. Andreae, T. Campos, O. L. Mayol-Bracero, C. Neusüß, D. G. Streets (2002) Analysis of black carbon and carbon monoxide observed over the Indian Ocean: Implications for emissions and photochemistry, *J. Geophys. Res.* 107 (D19), 8017.
- H. Wex, C. Neusüß, M. Wendisch, F. Stratmann, C. Koziar, A. Keil, A. Wiedensohler, M. Ebert (2002) Particle scattering, backscattering and absorption coefficients: An in-situ closure and sensitivity study. *J. Geophys. Res.* 107 (D21), 8122.

2001

- T. S. Bates, P. K. Quinn, D. J. Coffmann, J. E. Johnson, T. L. Miller, D. S. Covert, A. Wiedensohler, S. Leinert, A. Nowak, C. Neusüß (2001) Regional physical and chemical properties of the marine boundary layer aerosol across the Atlantic during Aerosols99: An overview. *J. Geophys. Res.*, 106 (D18) 20,767.
- P. K. Quinn, D. J. Coffmann, T. S. Bates, T. L. Miller, J. E. Johnson, K. Voss, E. J. Welton, C. Neusüß (2001) Dominant aerosol chemical components and their contribution to extinction during Aerosols99 cruise across the Atlantic. *J. Geophys. Res.* 106 (D18), 20,783.

2000

- C. Neusüß, M. Pelzing, A. Plewka, H. Herrmann (2000) A new analytical approach for size-resolved speciation of organic compounds in atmospheric aerosol particles: Methods and first results. *J. Geophys. Res.*, 105 (D4), 4513-4527.
- C. Neusüß, D. Weise, W. Birmili, H. Wex, A. Wiedensohler, D. Covert (2000) Size-segregated chemical, gravimetric and number distribution-derived mass closure of the aerosol in Sagres, Portugal during ACE-2. *Tellus*, 52B, 169-184.
- C. M. Carrico, M. J. Rood, J. A. Ogren, C. Neusüß, A. Wiedensohler, J. Heintzenberg (2000) Aerosol optical properties at Sagres, Portugal, during ACE-2, *Tellus*, 52B, 694-715.
- P. K. Quinn, T. S. Bates, J. E. Coffman, T. L. Miller, J. E. Johnson, D. S. Covert, J. P. Putaud, C. Neusüß, T. Novakov (2000) A comparison of aerosol chemical and optical properties from the first and second aerosol characterization experiments. *Tellus*, 52B, 239-257.

Other publications

- C. Neusüß, C. Huhn, S. Vaas (2008) Das Süße im EPO – Glykoproteincharakterisierung mit Kapillarelektrophorese-Massenspektrometrie, *GIT Laborfachzeitschrift*, 22-24.
- P. Decker, M. Pelzing, C. Neusüß, R. Ketterlinus (2006) Multi-targeting Pesticides, *The Column*, October 2006, 23-25.
- C. Neusüß, R. Ketterlinus, E. Balaguer (2006) Exakter Fingerabdruck, *Labor&more*, 54-55.

L. Stieglitz, C. Neusüß, H. Bautz, G. Zwick (1996) Ultrapureanalytik durch hochauflösende Massenspektrometrie. Nachrichten-Forschungszentrum Karlsruhe 28, No4, 281-288.

Patents

C. Neusüß, M. Pelzing, J. Franzen, Kopplung Kapillarelektrophorese (CE) mit Massenspektrometrie (MS) unter Bewahrung bester Separation, Deutsches Patent DE 10213390.

C. Neusüß, M. Pelzing, J. Franzen „Verfahren selektiver Kapillarelektrophorese“ (Deutsches Patent, DE 103 40 521 B4

C. Huhn, H. Meyer, J. Mannhardt, C. Neusüß, utility patent 202008009113.6 Deutsches Patent- und Markenamt