

- Aalto, P.* , Cyrus, J., von Klot, S., Peters, A., Zetzsche, K.: Aerosol particle number concentration measurements in five European Cities using TSI-3022 condensation particle counter over a three-year period during health effects of air pollution on susceptible subpopulations. *J. Air Waste Manage. Assoc.* 55, 1064-1076 (2005)
- Adam, C., King, S., Allgeier, T., Braumüller, H.* , Lüking, C., Mysliwietz, J., Kriegeskorte, A., Busch, D.H.* , Röcken, M.* , Mocikat, R.: DC-NK cell cross talk as a novel CD4+ T-cell-independent pathway for antitumor CTL induction. *Blood* 106, 338-344 (2005)
- Adam, T., Ferge, T., Mitschke, S., Streibel, T., Baker, R.R.* , Zimmermann, R.: Discrimination of three tobacco types (Burley, Virginia and Oriental) by pyrolysis single-photon ionisation-time-of-flight mass spectrometry and advanced statistical methods. *Anal. Bioanal. Chem.* 381, 487-499 (2005)
- Adam, T., Streibel, T., Mitschke, S., Mühlberger, F., Baker, R.R.* , Zimmermann, R.: Application of time-of-flight mass spectrometry with laser-based photoionization methods for analytical pyrolysis of PVC and tobacco. *J. Anal. Appl. Pyrolysis* 74, 454-464 (2005)
- Adamski, J., Möller, G.: Report on the Workshop on 11 beta- and 17 beta hydroxysteroid dehydrogenases : role in human disease. , 30 S. (2005)
- Ahting, U., Waizenegger, T.* , Neupert, W.* , Rapaport, D.* : Signal-anchored proteins follow a unique insertion pathway into the outer membrane of mitochondria. *J. Biol. Chem.* 280, 48-53 (2005)
- Aktas, E.* , Akdis, M.* , Bilgic, S.* , Disch, R.* , Falk, C.S., Blaser, K.* , Akdis, C.* , Deniz, G.* : Different natural killer (NK) receptor expression and immunoglobulin E (IgE) regulation by NK1 and NK2 cells. *Clin. Exp. Immunol.* 140, 301-309 (2005)
- Alessandrini, F., Pfister, S., Kremmer, E., Gerber, J.-K., Ring, J.* , Behrendt, H.: Alterations of glucosylceramide- β -glucosidase levels in the skin of patients with psoriasis vulgaris. *J. Invest. Dermatol.* 123, 1030-1036 (2004)
- Algül, H.* , Mielck, A.: Türkische Gastarbeiter als Patienten im deutschen Gesundheitssystem : Kritische Analyse und Vorschläge für eine bessere Versorgung. *Gesundheits- u. Sozialpolitik* 11/12, 45-55 (2005)
- Altmann, M., Hammerschmidt, W.: Epstein-Barr Virus provides a new paradigm: A requirement for the immediate inhibition of apoptosis. *PLoS Biol.* 3, 2148-2157 (2005)
- Altschuh, J., Walcher, S.* , Sandermann, H.: The lipid/protein interface as xenobiotic target site : kinetic analysis of tadpole narcosis. *FEBS J.* 272, 2399-2406 (2005)
- Amme, M.* , Bors, W., Michel, C., Stettmaier, K., Rasmussen, G.* , Betti, M.* : Effects of Fe(II) and hydrogen peroxide interaction upon dissolving UO₂ under geologic repository conditions. *Environ. Sci. Technol.* 39, 221-229 (2005)
- Ammenwerth, E.* , Gaus, W.* , Haux, R.* , Lovis, C.* , Pfeiffer, K.P.* , Tilg, B.* , Wichmann, H.-E.: Cooperative care, collaborative research, ubiquitous information. *Method. Inform. Med.* 4, 481-482 (2005)
- Antonov, A.V., Tetko, I.V., Kosykh, D., Surmeli, D., Mewes, H.-W.: Exploiting scale-free information from expression data for cancer classification. *Comput. Biol. Chem.* 29, 288-293 (2005)

Aparicio, M.L., Döring, A., Mielck, A., Holle, R., KORA: Unterschiede zwischen Aussiedlern und der übrigen deutschen Bevölkerung bezüglich Gesundheit, Gesundheitsversorgung und Gesundheitsverhalten : eine vergleichende Analyse anhand des KORA-Surveys 2000. *Soz.-Präventivmed.* 50, 107-118 (2005)

Armeanu, S.*, Pathil, A.*, Venturelli, S.*, Mascagni, P.*, Weiss, T.S.*, Göttlicher, M., Gregor, M.*, Lauer, U.M.*, Bitzer, M.*: Apoptosis on hepatoma cells but not on primary hepatocytes by histone deacetylase inhibitors valproate and ITF2357. *J. Hepatol.* 42, 210-217 (2005)

Arndt, H.*, Griebler, C.: Lebensraum Grundwasser. Schriftenreihe der Vereinigung Deutscher Gewässerschutz ; Band 68, Bonn : Vereinigung Deutscher Gewässerschutz e.V., 31 S. (2005)

Arnold, R., Rattei, T.*, Tischler, P., Truong, M.-D., Stümpflen, V., Mewes, W.: SIMAP - The similarity matrix of proteins. *Bioinformatics* 21, 42-46 (2005)

Arseni, N., Ahmed, F., Hiddemann, W., Buske, C., Feuring-Buske, M.: Effects of the protein tyrosine kinase inhibitor, SU5614, on leukemic and normal stem cells. *Haematologica* 90, 1577-1578 (2005)

Artamonova, I.I., Frishman, G., Gelfand, M.S.*, Frishman, D.: Mining sequence annotation databanks for association patterns. *Bioinformatics* 21 (Suppl.3), 1-9 (2005)

Atkinson, M.J., Spanner, M.T., Rosemann, M., Linzner, U., Müller, W.A., Gössner, W.: Intracellular sequestration of 223Ra by the iron-storage protein ferritin. *Radiat. Res.* 164, 230-233 (2005)

Attia, S.M., Badary, O.A.*, Hamada, F.M.*, Hrabé de Angelis, M., Adler, I.-D.: Orthovanadate increased the frequency of aneuploid mouse sperm without micronucleus induction in mouse bone marrow erythrocytes at the same dose level. *Mutat. Res.- Gen. Tox. Environ. Mutag.* 583, 158-167 (2005)

Aulakh, J.S.*, Malik, A.K.*, Kaur, V.*, Schmitt-Kopplin, P.: A review on solid phase micro extraction-high performance liquid chromatography (SPME-HPLC) analysis of pesticides. *Crit. Rev. Anal. Chem.* 35, 71-85 (2005)

Baessler, A.*, Döring, A.: Genetic linkage and association of the growth hormone secretagogue receptor (Ghrelin receptor) gene in human obesity. *Diabetes* 54, 259-267 (2005)

Bagrintseva, Ksenia, Geisenhof, S., Kern, R., Eichenlaub, S., Reindl, C., Ellwart, J.W., Hiddemann, W., Spiekermann, K.: FLT3-ITD-TKD dual mutants associated with AML confer resistance to FLT3 PTK inhibitors and cytotoxic agents by overexpression of Bcl-x(L). *Blood* 105, 3679-3685 (2005)

Bailey, M.R., Kreyling, W.G.: Radionuclide biokinetics database (RBDATA-EULEP) : an update. *Radiat. Prot. Dosim.* 112, 535-536 (2004)

Bailliff, I.K.*, Göksu, H.Y., Meckbach, R.: Retrospective luminescence dosimetry : development of approaches to application in populated areas downwind of the Chernobyl NPP. *Health Phys.* 89, 233-246 (2005)

Baldani, J.I.*, Krieg, N.R.*, Baldani, V.L.D.*, Hartmann, A., Döbereiner, J.*: Genus II. *Azospirillum* Tarrand, Krieg and Döbereiner 1975, 79a (Effective publication: Tarrand, Krieg and Döbereiner 1978, 978) emend. Falk, Döbereiner, Johnson and Krieg 1985, 117. *Bergeys Manual Systematic Bacteriology* ; Vol. 2, Brenner, D.J. ; Krieg, N.R. ; Staley, J.T. [Eds.], New York, USA : Springer, 7-26 (2005)

Ballarini, F.* , Friedland, W., Jacob, P., Ottolenghi, A., Paretzke, H., Scannicchio, D.* , Valota, A.: Role of DNA organisation and environmental scavenging capacity in the evolution of radiobiological damage: models and simulations. *Radiother. Oncol.* 73, S170-S172 (2005)

Baratin, M.* , Roetyneck, S.* , Lépolard, C.* , Falk, Ch., Sawadogo, S.* , Uematsu, S.* , Akira, S.* , Ryffel, B.* , Tiraby, J.-G.* , Alexopoulou, L.* , Kirschning, C.J.* , Gysin, J.* , Vivier, E.* , Ugolini, S.* : Natural killer cell and macrophage cooperation in MyD88-dependent innate responses to *Plasmodium falciparum*. *Proc. Natl. Acad. Sci.* 102, 14747-14752 (2005)

Barnett, A.G.* , Dobson, A.J.* , McElduff, P.* , Salomaa, V.* , Kuulasmaa, K.* , Sans, S.* : Cold periods and coronary events : an analysis of populations worldwide. *J. Epidemiol. Commun. Health* 59, 551-557 (2005)

Bath, M.* , Hakansson, M.* , Börjesson, S., Hoeschen, C., Tischenko, O., Bochud, F.O.* , Verdun, F.R.* , Ullmann, G.* , Kheddache, S.* , Tingberg, A.* , Mansson, L.G.: Investigation of image components affecting the detection of lung nodules in digital chest radiography. *Proceedings of SPIE ; Medical Imaging 2005*, 231-242 (2005)

Battke, F., Ernst, D., Halbach, S.: Ascorbate promotes emission of mercury vapour from plants. *Plant Cell Environ.* 28, 1487-1495 (2005)

Bauer, R., Eckert, P.* , Frentjen, H.* , Griebler, C., Hellige, K.* , Irmischer, R.* , Kluge, M.* , Meckenstock, R., Richters, L.* , Schulte, U.* , Wisotzky, F.: Projekt 2.2: Monitoring und Bewertung von stimulierten Selbstreinigungsprozessen (ENA) im Vergleich zu natürlichen Selbstreinigungsprozessen (NA) an einem BTEX- und PAK- belasteten Porengrundwasserleiter (FKZ 02WN0357, 02WN0358). KORA : Kontrollierter natürlicher Rückhalt und Abbau von Schadstoffen bei der Sanierung kontaminierter Grundwässer und Böden, 62-75 (2005)

Baumeister, F.A.M.* , Auer, D.P.* , Hörtnagel, K., Freisinger, P.* , Meitinger, T.: The eye-of-the-tiger sign is not a reliable disease marker for Hallervorden-Spatz syndrome. *Neuropediatrics* 36, 221-222 (2005)

Baumert, J., Erazo, N.* , Ladwig, K.-H.: Sex- and age-specific trends in mortality from suicide and undetermined death in Germany 1991-2002. *BMC Public Health* 5:61, 1-7 (2005)

Baumert, J., Ladwig, K.-H., Döring, A., Löwel, H., Wichmann, H.-E.: Zeitliche Veränderungen und Einflussfaktoren des Rauchverhaltens im Hinblick auf die Umsetzung von Präventionsmaßnahmen. *Gesundheitswesen* 67 (Sonderheft 1), 46-50 (2005)

Becerra, A.* , Pritsch, K., Arrigo, N.* , Palma, M.* , Bartoloni, N.* : Ectomycorrhizal colonization of *Alnus acuminata* kunth in Northwestern Argentina in relation to season and soil parameters. *Ann. For. Sci.* 62, 325-332 (2005)

Beck, V.* , Herold, H.* , Benge, A.* , Luber, B.* , Hutzler, P., Tschesche, H.* , Kessler, H.* , Schmitt, M.* , Geppert, H.-D.* , Reuning, U.* : ADAM15 decreases integrin $\alpha v\beta 3$ /vitronectin-mediated ovarian cancer cell adhesion and motility in an RGD-dependent fashion. *Int. J. Biochem. Cell Biol.* 37, 590-603 (2005)

Beck-Speier, I., Dayal, N., Karg, E., Maier, K.L., Schumann, G., Schulz, H., Semmler, M., Takenaka, S., Stettmaier, K., Bors, W., Ghio, A.* , Samet, J.M.* , Heyder, J.: Oxidative stress and lipid mediators induced in alveolar macrophages by ultrafine particles. *Free Radical Biol. Med.* 38, 1080-1092 (2005)

Behrendt, H.* , Traidl-Hoffmann, C.* , Plötz, S., Mariani, V.* , Kasche, A.* , Thiel, M.* , Jakob, T., Ring, J.* : Pollen-associated lipid mediators in the elicitation of allergic reactions. *Allergy Clin. Immunol. Int.: J. World Allergy Org. Suppl.* 1, 5-10 (2004)

Beis, D.* , Tallafuß, A., Bally-Cuif, L.: Genetic and cellular analyses of zebrafish atrioventricular cushion and valued development. *Development* 132, 4193-4204 (2005)

Beitz, R.* , Mensink, G.B.M.* , Hintzpeter, B.* , Fischer, B., Erbersdobler, H.F.*: Do users of dietary supplements differ from nonusers in their consumption? *Nutritional Epidemiology* 19, 335-341 (2005)

Benet-Pagès, A., Orlik, P.* , Strom, T.M., Lorenz-Depiereux, B.: An FGF23 missense mutation causes familial tumoral calcinosis with hyperphosphatemia. *Hum. Mol. Genet.* 14, 385-390 (2005)

Benischke, R., Maloszewski, P.: Use of hydrogeochemical modeling in groundwater management of coastal karstic aquifers. EUR 21366EN, Groundwater management of coastal karstic aquifers, Tulipano, L., 183-209 (2005)

Bényi, Á.* , Grafakos, L.* , Gröchenig, K., Okoudjou, K.*: A class of Fourier multipliers for modulation spaces. *Appl. Comput. Harmon. Anal.* 19, 131-139 (2005)

Bényi, Á.* , Gröchenig, K., Heil, Ch.* , Okoudjou, K.*: Modulation Spaces and a Class of Bounded Multilinear Pseudodifferential Operators. *J. Operat. Theor.* 54, 301-313 (2005)

Berens, H.* , zu Castell, W.: A class of summability methods of the inverse Fourier integral. *Acta Sci. Math.* 70, 683-693 (2004)

Beresford, N.A.* , Wright, S.M.* , Barnett, C.L.* , Hingston, J.L.* , Vives i Battle, J.* , Copplestone, D.* , Kryshev, I.I.* , Sazykina, T.G.* , Pröhl, G., Arkhipov, A.* , Howard, B.J.*: A Case Study in the Chernobyl Zone. Part 2: Predicting radiation induced effects in biota. *Radioprotection - Colloques, Vol.40, Suppl.1, Proceedings of the International Congress organized by IRS (ECORAD 2004)*, : EDP Sciences, 299-305 (2005)

Berg, G.* , Eberl, L.* , Hartmann, A.: The rhizosphere as a reservoir for opportunistic human pathogenic bacteria. *Environ. Microbiol.* 7, 1673-1685 (2005)

Bertaux, J.* , Schmid, M.* , Hutzler, P., Hartmann, A., Garbaye, J.* , Frey-Klett, P.*: Occurrence and distribution of endobacteria in the plant-associated mycelium of the ectomycorrhizal fungus *Laccaria bicolor* S238N. *Environ. Microbiol.* 7, 1786-1795 (2005)

Betz, V., Lörinczi, J.* , Spohn, H.*: Gibbs measures on brownian paths : theory and applications. *Interacting Stochastic Systems*, Deuschel, J.-D. ; Greven, A. [Eds.], Berlin : Springer, 1-28 (2005)

Betz, V., Teufel, S.*: Precise coupling terms in adiabatic quantum evolution. *Ann. Henri Poincaré* 6, 217-246 (2005)

Betz, V., Teufel, S.: Precise Coupling Terms in Adiabatic Quantum Evolution: The Generic Case. *Commun. Math. Phys.* 260, 481-509 (2005)

Beyer, M.K.* , Clausen-Schaumann, H.: Mechanochemistry : The mechanical activation of covalent bonds. *Chem. Rev.* 105, 2921-2932 (2005)

Biskup, S., Mueller, J.C., Sharma, M.* , Lichtner, P., Zimprich, A.* , Berg, D.* , Wüllner, U.* , Illig, T., Meitinger, T., Gasser, T.*: Common variants of LRRK2 are not associated with sporadic parkinson's disease. *Ann. Neurol.* 58, 905-908 (2005)

Bissig-K.-D.*, Honer, M.*, Zimmermann, K.*, Summer, K.H., Solioz, M.*: Whole animal copper flux assessed by positron tomography in the long-evans cinnamon rat - a feasibility study. *Biometals* 18, 83-88 (2005)

Blak, A.A., Naserke, T.*, Vogt Weisenhorn, D.M., Prakash, N.*, Partanen, J.*, Wurst, W.: Expression of Fgf receptors 1,2 and 3 in the developing mid- and hindbrain of the mouse. *Dev. Dynam.* 233, 1023-1030 (2005)

Blatter, T.R.*, Fill, U.A., Kunz, E.*, Panzer, W., Weckbach, A.*, Regulla, D.F.: Skill dependence of radiation exposure for the orthopaedic surgeon during interlocking nailing of long-bone shaft fractures : a clinical study. *Arch. Orthop. Trauma Surg.* 124, 659-664 (2004)

Blazek, E., Mittler, G.*, Meisterernst, M.: The mediator of RNA polymerase II. *Chromosoma* 113, 399-408 (2005)

Blettner, M.*, Jacob, P., Kaiser, C.J., Bertelsmann, H.*, Kutschmann, M.*: Bewertung ökologischer Studien zur Untersuchung des Schilddrüsenkrebsrisikos bei Kindern nach Strahlenexposition durch den Kernkraftwerksunfall in Tschernobyl. Veröffentlichungen der Strahlenschutzkommission ; Band 56, Bundesministerium für Umwelt, Naturschutz und Reaktorsicherheit [Hrsg.], : Urban & Fischer, 141-154 (2005)

Bohlander, S.K.: ETV6 : a versatile player in leukemogenesis. *Semin. Cancer Biol.* 15, 162-174 (2005)

Bolte, G.*, Kohlhuber, M.*, Weiland, S.K.*, Zuurbier, M.*, Stansfeld, S.*, Heinrich, J.: Socioeconomic factors in EU-funded studies of children's environmental health. *Eur. J. Epidemiol.* 20, 289-291 (2005)

Bolte, G.*, Winkler, G.*, Hölscher, B., Thefeld, W.*, Weiland, S.K.*, Heinrich, J.: Margarine consumption, asthma and allergy in young adults : results of the German National Health Survey 1998. *Ann. Epidemiol.* 15, 207-213 (2005)

Bolzer, A.*, Kreth, G.*, Solovei, I.*, Koehler, D.*, Saracoglu, K.*, Fauth, C., Müller, S.*, Eils, R.*, Cremer, C.*, Speicher, M.R., Cremer, T.*: Three-dimensional maps of all chromosomes in human male fibroblast nuclei and prometaphase rosetts. *PLoS Biol.* 3, 826-842 (2005)

Born, M., Quintanilla-Fend, L., Braselmann, H., Reich, U., Richter, M., Hutzler, P., Aubele, M.: Simultaneous over-expression of the Her2/neu and PTK6 tyrosine kinases in archival invasive ductal breast carcinomas. *J. Pathol.* 205, 592-596 (2005)

Bornkamm, G.W., Berens, Ch.*, Kuklik-Roos, C., Bechet, J.-M.*, Laux, G., Bachl, J., Korndörfer, M., Schlee, M., Hölzel, M., Malamoussi, A., Chapman, R., Nimmerjahn, F., Mautner, J., Hillen, W.*, Bujard, H.*, Feuillard, J.*: Stringent doxycycline-dependent control of gene activities using an episomal one-vector system. *Nucleic Acids Res.* 33, [o.S.] (2005)

Boronina, A.*, Balderer, W.*, Renard, P.*, Stichler, W.: Study of stable isotopes in the Kouris catchment (Cyprus) for the description of the regional groundwater flow. *J. Hydrol.* 308, 214-226 (2005)

Boronina, A.*, Rendard, P.*, Balderer, W.*, Stichler, W.: Application of tritium in precipitation and in groundwater of the Kouris catchment (Cyprus) for description of the regional groundwater flow. *Appl. Geochem.* 20, 1292-1308 (2005)

Børretzen, P.*, Brown, J.*, Strand, P.*, Johansson, E.*, Ramstedt, M.*, Avila, R.*, Pröhl, G., Ulanovski, A., Copplestone, D.*: The ERICA Assessment Tool. Proceedings from the 2nd International Conference on Radioactivity in the Environment, 43-46 (2005)

Braselmann, H., Kulka, U.* , Baumgartner, A., Eder, C., Müller, I., Figel, M., Zitzelsberger, H.: SKY and FISH analysis of radiation-induced chromosome aberrations: A comparison of whole and partial genome analysis. *Mut. Res. - Fund. Mol. M.* 578, 124-133 (2005)

Braun-Falco, M., Eisenried, A.* , Büning, H.* , Ring, J.: Recombinant adeno-associated virus type 2-mediated gene transfer into human keratinocytes is influenced by both the ubiquitin/proteasome pathway and epidermal growth factor receptor tyrosine kinase. *Arch. Dermatol. Res.* 296, 528-535 (2005)

Braun-Falco, M., Fischer, S.* , Plötz, S., Ring, J.: Angiolymphoid hyperplasia with eosinophilia treated with anti-interleukin-5 antibody (mepolizumab). *Brit. J. Dermatol.* 151, 1103-1104 (2004)

Brennecke, R., Löwel, H., Vogt, A. (Kassel): *Kardiologische Datenbanken und Register: Klinische Routinedokumentation, Qualitätssicherung und Wissenschaft. Stand Mai 2002.* , Hildesheim : WECOM-Verl., 56 S. (2004)

Brockow, K., Behrendt, H., Ring, J.: Diagnostischer Wert von Mastzellmediatoren bei der Anaphylaxie. *Allergologie* 28, 125-129 (2005)

Brockow, K., Ring, J.*: Röntgenkontrastmittelüberempfindlichkeit : Neue Erkenntnisse zur Pathophysiologie mit Auswirkungen auf das Patientenmanagement. *Hautarzt* 56, 32-37 (2005)

Brockow, K.: Contrast media hypersensitivity - scope of the problem. *Toxicology* 209, 189-192 (2005)

Bruckmeier, B., Eisenmann, H., Beisker, W., Simon, U.* , Steinberg, C.E.W.*: Exogenous alkaline phosphatase activity of algal cells determined by fluorimetric and flow cytometric detection of soluble enzyme products (4-methyl-umbelliferone, fluorescein). *J. Phycol.* 41, 993-999 (2005)

Brüggemann, R.* , Restrepo, G.* , Voigt, K.: Towards an evaluation of chemicals. *WSEAS Trans. Inform. Sci. Appl.* 8, 1023-1033 (2005)

Brüggemann, R.* , Restrepo, G.* , Voigt, K.: Prescreening of chemicals by partial orders. 9. WSEAS International Conference on Computers, 497-503 (2005)

Brüske-Hohlfeld, I., Peters, A., Wichmann, H.-E.: Do nanoparticles interfere with human health? *gaia* 14, 21-23 (2005)

Brüske-Hohlfeld, I., Schaffrath Rosario, A., Wölke, G., Heinrich, J., Kreuzer, M.*: Lungenkrebsrisiko bei Beschäftigten im Uranbergbau : Fall-Kontroll-Studie bei ehemaligen Beschäftigten der "WISMUT". *Fortschritte in der Epidemiologie*, Wichmann, H.-E. ; Jöckel, K.-H. ; Robra, B.P., Landsberg : ecomed, 124 S. (2004)

Brüske-Hohlfeld, I., Schaffrath, R.A., Wichmann, H.-E.: Lungenkrebsrisiko im Uranerzbergbau - Ergebnisse einer Fall-Kontroll Studie. *Schriftenreihe der Bundesanstalt für Arbeitsschutz und Arbeitsmedizin ; Tb 139, Nutzungsmöglichkeiten des GDA Wismut für die Präventionsforschung. Workshop*, 35-59 (2005)

Brüske-Hohlfeld, I., Schaffrath-Rosario, A., Wölke, A., Heinrich, J., Kreuzer, M.* , Kreienbrock, L.*: Abschlussbericht zum Forschungsvorhaben: Fall-Kontroll-Studie zum Lungenkrebs bei Wismut-Beschäftigten. , 121 S. (2004)

Buckau, G.* , Wolf, M., Geyer, S.* , Artinger, R.* , Kim, J.I.*: Influence of humic substances on the migration of actinides in groundwater. *Humic Substances: Nature's most versatile materials*, Ghabbour, E.A. ; Davies, G., New York : Taylor and Francis, 287-296 (2004)

Büermann, L.* , Krumrey, M.* , Haney, M., Schmid, E.: Is there reliable experimental evidence for different dicentric yields in human lymphocytes produced by mammography X-rays free-in-air and within a phantom? *Radiat. Environ. Bioph.* 44, 17-22 (2005)

Buffo, A., Vosko, O.* , Ertürk, D., Hamann, G.F.* , Jucker, M.* , Rowitch, D.* , Götz, M.: Expression pattern of the transcription factor Olig2 in response to brain injuries: Implications for neuronal repair. *Proc. Natl. Acad. Sci.* 102, 18183-18188 (2005)

Cerny, T.* , Issels, R.D., Budach, V.* : Weichteilsarkom. *Internistische Onkologie: Standards in Diagnostik und Therapie. Teil 2: Therapiekonzepte maligner Tumoren*, Schmoll, H.-J. et al. [Hrsg.], Berlin : Springer, 192-250 (2005)

Chan, O.C.* , Claus, P.* , Casper, P.* , Ulrich, A.* , Lüders, T.* , Conrad, R.* : Vertical distribution of structure and function of the methanogenic archaeal community in Lake Dagow sediment. *Environ. Microbiol.* 7, 1139-1149 (2005)

Chapman, R.D., Conrad, M., Eick, D.: Role of the mammalian RNA polymerase II C-terminal domain (CTD) nonconsensus repeats in CTD stability and cell proliferation. *Mol. Cell. Biol.* 25, 7665-7674 (2005)

Chen, J., Harner, T.* , Ding, G.* , Quan, X.* , Schramm, K.-W., Kettrup, A.: Universal predictive models on octanol-air partition coefficients at different temperatures for persistent organic pollutants. *Environ. Toxicol. Chem.* 23, 2309-2317 (2004)

Chen, S.* , Davies, A.A.* , Sagan, D., Ulrich, H.D.* : The RING finger ATPase Rad5p of *Saccharomyces cerevisiae* contributes to DNA double-strand break repair in a ubiquitin-independent manner. *Nucleic Acids Res.* 33, 5878-5886 (2005)

Chinn, S.* , Heinrich, J., Wjst, M.: Smoking cessation, lung function and weight gain : a follow-up study. *Lancet* 365, 1629-1635 (2005)

Chinn, S.* , Heinrich, J., Wjst, M.: An increase in bronchial responsiveness is associated with continuing or restarting smoking. *Am. J. Respir. Crit. Care Med.* 172, 956-961 (2005)

Ciomasu, I.M.* , Krämer, P.M., Weber, C.M., Kolb, G.* , Tiemann, D.* , Windisch, S.* , Frese, I.* , Kettrup, A.A.: A new, versatile field immunosensor for environmental pollutants. Development and proof of principle with TNT, diuron and atrazine. *Biosens. Bioelectron.* 21, 354-364 (2005)

Claret, F.* , Schäfer, T.* , Rabung, T.* , Wolf, M., Bauer, A.* , Buckau, G.* : Differences in properties and Cm(III) complexation behavior of isolated humic and fulvic acid derived from Opalinus clay and Callovo-Oxfordian argillite. *Appl. Geochem.* 20, 1158-1168 (2005)

Collin, N.* , Guérin, J.-L.* , Drexler, I., Blanié, S.* , Gelfi, J.* , Boullier, S.* , Foucras, G.* , Sutter, G., Messud-Petit, F.* : The poxviral scrapin MV-LAP requires a myxoma viral infection context to efficiently downregulate MHC-I molecules. *Virology* 343, 171-178 (2005)

Conrad, M., Moreno, S.G., Sinowatz, F.* , Ursini, F.* , Kölle, S.* , Roveri, A.* , Brielmeier, M., Wurst, W., Maiorino, M.* , Bornkamm, G.W.: The nuclear form of phospholipid hydroperoxide glutathione peroxidase is a protein thiol peroxidase contributing to sperm chromatin stability. *Mol. Cell. Biol.* 25, 7637-7644 (2005)

Cordero, E.* , Gröchenig, K.: Necessary conditions for Schatten class localization operators. *P. Am. Math. Soc.* 133, 3573-3579 (2005)

Coriu, D.* , Weaver, K.* , Schell, M.* , Murphy, Ch.* : A molecular basis for nonsecretory myeloma. *Blood* 104, 829-831 (2005)

Courty, P.-E.*, Pritsch, K.*, Schloter, M., Hartmann, A., Garbaye, J.*: Activity profiling of ectomycorrhiza communities in two forest soils using multiple enzymatic tests. *New Phytol.* 167, 309-319 (2005)

Croutch, C.R.*, Lebofsky, M.*, Schramm, K.W., Terranova, P.F.: 2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) and 1,2,3,4,7,8-hexachlorodibenzo-p-dioxin (HxCDD) alter body weight by decreasing insulin-like growth factor I (IGF-I) signaling. *Toxicol. Sci.* 85, 560-571 (2005)

Cyrus, J., Hochadel, M., Gehring, G., Hoek, G.*, Diegmann, V.*, Brunekreef, B.*, Heinrich, J.: GIS-based estimation of exposure to particulate matter and NO₂ in an urban area : Stochastic versus dispersion modeling. *Environ. Health Persp.* 113, 987-992 (2005)

Cyrus, J., Peters, A., Stölzel, M.*, Pitz, M.*, Heinrich, J.: Luftschadstoffe in ausgewählten Regionen Ostdeutschlands : Trends, Quellen und gesundheitliche Wirkung. Bericht zum Workshop "PMx-Quellenidentifizierung: Ergebnisse als Grundlage für Maßnahmenpläne", Kuhlbusch, T., John, A., Top, S. [Hrsg.], Berlin : Umweltbundesamt, 147-156 (2005)

Czuchra, A.*, Wu, X.*, Meyer, H.*, Hengel, J.-van*, Schröder, T., Geffers, R.*: Cdc42 is not essential for filopodium, directed migration, cell polarization, and mitosis in fibroblastoid cells. *Mol. Biol. Cell* 16, 4473-4484 (2005)

Daldrup-Link, H.E.*, Rudelius, M.*, Metz, S.*, Piontek, G.*, Pichler, B.*, Settles, M.*, Heinzmann, U., Schlegel, J.*, Oostendorp, R.A.J.*, Rummeny, E.J.*: Cell tracking with gadophrin-2 : a biofunctional contrast agent for MR imaging, optical imaging and fluorescence microscopy. *Eur. J. Nucl. Med. Mol. Imag.* 31, 1312-1321 (2004)

Dalke, C., Graw, J.: Mouse mutants as models for congenital retinal disorders. *Exp. Eye Res.* 81, 503-512 (2005)

Dalke, C., Pleyer, U.*, Graw, J.: On the use of Tono-Pen XL for the measurement of intraocular pressure in mice. *Exp. Eye Res.* 80, 295-296 (2005)

Darby, S.*, Heid, I., Schaffrath-Rosario, A., Wichmann, H.-E.: Radon in homes and risk of lung cancer : collaborative analysis of individual data from 13 European case-control studies. *Brit. Med. J.* 330, 223-227 (2005)

Darsow, U., Huss-Marp, J.*, Katzer, K., Weissenbacher, S.*, Traidl-Hoffmann, C., Eyerich, K.*, Hofmann, H.*, Eberlein-König, B.*: Atopie-Patch-Test als klinisch-experimentelles Modell. *Allergo J.* 14, 414-420 (2005)

Darsow, U., Lübke, J.*, Taieb, A.*, Seidenari, S.*, Wollenberg, A.*, Calza, A.M.*, Giusti, F.*, Ring, J.: Position paper on diagnosis and treatment of atopic dermatitis. *J. Eur. Acad. Dermatol. Venerol.* 19, 286-295 (2005)

Dassi, L., Zouari, K.*, Seiler, K.P., Faye, S.*, Kamel, S.*: Flow exchange between the deep and shallow groundwaters in the Sbeitla synclinal basin (Tunisia) : an isotopic approach. *Environ. Geol.* 47, 501-511 (2005)

David, R., Hildebrand, C., Balint, J., Breier, A., Weinzierl, S.: Connecting medical informatics and bio-informatics. *Proceeding of MIE2005. Eur. Notes Med. Inform.* 1, CD-ROM (2005)

de Hartog, J.J.*, Hoek, G.*, Mirme, A.*, Tuch, T., Kos, G.P.A.*, ten Brink, H.M.*, Brunekreef, B.*, Cyrus, J., Heinrich, J., Pitz, M., Lanki, T.*, Vallius, M.*, Pekkanen, J.*, Kreyling, W.G.: Relationship between different size classes of particulate matter and meteorology in three European cities. *J. Environ. Monitor.* 7, 302-310 (2005)

Degteva, M.O.* , Anspaugh, L.R.* , Akleyev, A.V.* , Jacob, P., Ivanov, D.V.* , Wieser, A., Vorobiova, M.I.* , Shishkina, E.A.* , Shved, V.A.* , Vozilova, A.* , Bayankin, S.N.* , Napier, B.A.*: Electron paramagnetic resonance and fluorescence in situ hybridization-based investigations of individual doses for persons living at Metlino in the upper reaches of the Techa River. *Health Phys.* 88, 139-153 (2005)

Deluca, D., Fritz, A.* , Mindnich, R., Möller, G., Adamski, J.: Biochemical genetics of 17beta-hydroxysteroid dehydrogenases. *Curr. Top. Ster. Res.* 4, 227-242 (2005)

Deluca, D., Krazeisen, A., Breitling, R.* , Prehn, C., Möller, G., Adamski, J.: Inhibition of 17beta-hydroxysteroid dehydrogenases by phytoestrogens : Comparison with other steroid metabolizing enzymes. *J. Ster. Biochem. Mol. Biol.* 93, 285-292 (2005)

Dethlefsen, F.* , Meckenstock, R., Veehmayer, M.K.* , Dahmke, A.*: Determination of bioavailable Fe(III) content in column experiments with the reactive tracer phosphate. *Environ. Geol.* 46, 896-904 (2004)

Deussing, J.M.* , Wurst, W.: Dissecting the genetic effect of the CRH system on anxiety and stress-related behaviour. *CR Biol.* 328, 199-212 (2005)

Diara, C.* , Castagna, A.* , Baldan, B.* , Mensuali Sodi, A.* , Langebartels, C., Sebastiani, L.* , Ranieri, A.*: Differences in the kinetics and scale of signalling molecule production modulate the ozone sensitivity of hybrid poplar clones: the roles of H₂O₂, ethylene and salicylic acid. *New Phytol.* 168, 351-364 (2005)

Dichgans, M.* , Freilinger, T.* , Eckstein, G., Babini, E.* , Lorenz-Depiereux, B., Biskup, S., Ferrari, M.D.* , Herzog, J.* , van den Maagdenberg, A.M.J.M.* , Pusch, M.* , Strom, T.M.: Mutation in the neuronal voltage-gated sodium channel SCN1A in familial hemiplegic migraine. *Lancet* 366, 371-377 (2005)

Diehl, J.* , Bornschein, S.* , Krapp, S.* , Hartmann, J.* , Cramer, B.* , Pohl, C.* , Belcredi, P., Kurz, A.*: Frontotemporale lobäre Degenerationen : Analyse medizinischer Risikofaktoren. *Aktuel. Neurol.* 32, 191-195 (2005)

Dietrich, M.* , Gapp, O.: Qualitätsinformationen von Krankenhäusern : eine Untersuchung ihrer Relevanz und Anforderungen aus Patientensicht. *ZögU* 28 (Heft 3), 211-233 (2005)

Dilly, O., Munch, J.C.: Litter decomposition and microbial characteristics in agricultural soils in Northern, Central and Southern Germany. *Soil Sci. Plant Nutr.* 50, 843-853 (2004)

Dirmeier, U., Hoffmann, R.* , Kilger, E., Schultheiss, U.* , Briseño, C., Gires, O., Kieser, A., Eick, D., Sugden, B.* , Hammerschmidt, W.: Latent membrane protein 1 of Epstein-Barr virus coordinately regulates proliferation with control of apoptosis. *Oncogene* 24, 1711-1717 (2005)

Döhr, S., Klingenhoff, A.* , Maier, H., Hrabé de Angelis, M., Werner, T.* , Schneider, R.: Linking disease-associated genes to regulatory networks via promoter organization. *Nucleic Acids Res.* 33, 864-872 (2005)

Döring, A., Meisinger, C., Thorand, B., Löwel, H.: Ernährungsverhalten und Übergewicht : Untersuchungen in den MONICA/KORA-Studien. *Gesundheitswesen* 67 (Sonderheft 1), 51-56 (2005)

Döring, A.: Publikationen aus MONICA/KORA Augsburg, nach Arbeitsgebieten geordnet. *Gesundheitswesen* 67 (Sonderheft 1), 209-210 (2005)

- Dudda, J.C.*, Lembo, A*, Bachtanian, E*, Hühn, J.*, Siewert, C*, Hamann, A*, Kremmer, E., Forster, R.*, Martin, S.F.*: Dendritic cells govern induction and reprogramming of polarized tissue-selective homing receptor patterns of T cells: important roles for soluble factors and tissue microenvironments. *Europ. J. Immunol.* 35, 1056-1065 (2005)
- Dudziak, D., Nimmerjahn, F.*, Bornkamm, G.W., Laux, G.: Alternative splicing generates putative soluble CD83 proteins that inhibit T cell proliferation. *J. Immunol.* 174, 6672-6676 (2005)
- Eberlein-König, B.*, Mempel, M., Stahlecker, J.*, Forer, I.*, Ring, J.*, Abeck, D.*: Disseminated granuloma annulare - treatment with fumaric acid esters. *Dermatology* 210, 223-226 (2005)
- Eberlein-König, B.*: Kutane Photoprotektion durch die Vitamine C und E. *Allergo J.* 14, 262-268 (2005)
- Eckert, P.*, Richters, L.*, Wisotzky, F.*, Schulte, U.*, Eisenberg, V.*, Griebler, C., Bauer, R., Anneser, B.: Projekt 2.2.: Monitoring und Bewertung von stimulierten Selbstreinigungsprozessen (ENA) im Vergleich zu natürlichen Selbstreinigungsprozessen (NA) an einem BTEX- und PAK-belasteten Porengrundwasserleiter. KORA : Kontrollierter natürlicher Rückhalt und Abbau von Schadstoffen bei der Sanierung kontaminierter Grundwässer und Böden, 83-97 (2005)
- Eckstein, F.*, Lemberger, B.*, Gratzke, C.*, Hudelmaier, M.*, Glaser, C.*, Englmeier, K.-H., Reiser, M.*: In vivo cartilage deformation after different types of activity and its dependence on physical training status. *Ann. Rheum. Dis.* 64, 291-295 (2005)
- Eckstein, F.*, Siedek, V.*, Glaser, C.*, Al-Ali, D.*, Englmeier, K.-H., Reiser, M.*, Graichen, H.*: Correlation and sex differences between ankle and knee cartilage morphology determined by quantitative magnetic resonance imaging. *Ann. Rheum. Dis.* 63, 1490-1495 (2004)
- Eder, H.*, Panzer, W., Schöfer, H.*: Ist der Bleigleichwert zur Beurteilung der Schutzwirkung bleifreier Röntgenschutzkleidung geeignet? *Fortschr. Röntgenstr.* 177, 399-404 (2005)
- Einsiedl, F., Maloszewski, P., Stichler, W.: Estimation of denitrification potential in a karst aquifer using the ^{15}N and ^{18}O isotopes of NO_3^- . *Biogeochemistry* 72, 67-86 (2005)
- Einsiedl, F., Maloszewski, P.: Tracer tests in fractured rocks with a new fluorescent dye-pyrene-1,3,6,8-tetra sulphonic acid (PTS). *Hydrolog. Sci. J.* 50, 543-554 (2005)
- Einsiedl, F., Mayer, B.*: Sources and processes affecting sulfate in a karstic groundwater system of the Franconian Alb, Southern Germany. *Environ. Sci. Technol.* 39, 7118-7125 (2005)
- Einsiedl, F.: Flow system dynamics and water storage of a fissured-porous karst aquifer characterized by artificial and environmental tracers. *J. Hydrol.* 312, 312-321 (2005)
- El-Faramawy, N.A.: Comparison of gamma- and UV-light-induced EPR spectra of enamel from deciduous molar teeth. *Appl. Radiat. Isotopes* 62, 191-195 (2005)
- El-Faramawy, N.A.: Estimation of radiation levels by EPR measurement of tooth enamel in Indian populations. *Appl. Radiat. Isotopes* 62, 207-211 (2005)

Eller, M., Mielck, A., Landgraf, R.*: "Freunde machen den Zucker süß!" Eine Literaturübersicht über den Zusammenhang zwischen Diabetes mellitus und dem sozialen Netzwerk bzw. der sozialen Unterstützung. Fortschritte der Gemeindepsychologie und Gesundheitsförderung ; Band 11, Mit Netzwerken professionell zusammenarbeiten. Band 1: Soziale Netzwerke in Lebenslauf- und Lebenslagenperspektive, Ulrich, O. ; Bauer, P. [Eds.], Tübingen : dgvt-Verl., 400-430 (2005)

Eller, M., Satzinger, W., Holle, R., Meisinger, C., Thorand, B.: Disease-Management-Programme in Deutschland: Erste Reaktionen der Diabetiker. Gesundheitswesen 67 (Sonderheft 1), 144-149 (2005)

El-Maarri, O.*, Herbiniaux, U.*, Graw, J., Schröder, J.*, Terzic, A., Watzka, M.*, Brackmann, H.H.*, Schramm, W.*, Hanfland, P.*, Schwaab, R.*, Müller, C.R.*, Oldenburg, J.*: Analysis of mRNA in hemophilia A patients with undetectable mutations reveals normal splicing in the factor VIII gene. J. Thromb. Haemost. 3, 332-339 (2005)

Engelbrecht, R., David, R., Hildebrand, C.: Change management and education - Some thoughts on needs. Health and Medical Informatics Applications. Proceedings of the European Federation of Medical Informatics Special Topic Conference 2005, Hasman, A. ; Mantas, J., 145-147 (2005)

Engelbrecht, R., Demski, H., Hildebrand, C., Zahlmann, G.: From health telematics to telehealth - experiences from projects. J. Qual. Life Res. 3, 243-247 (2005)

Engelbrecht, R.: Europäische Telematikenwicklungen für das Gesundheitswesen : Gesundheitskarte, Standards, Projekte. Software & Systems Quality Conference 2005 (2005)

Engelbrecht, R.: Auf ein Wort. Trillium-Report ; Band 3, Elektronische Gesundheitskarte: Der Patient auf dem Chip, 34-35 (2005)

Engelbrecht, R.: Cards and beyond (from DIABCARD to Eurorec) - First steps towards a European health record. eHealth 2005 - Telematik im Gesundheitswesen. Elektronische Gesundheitskarte -Kernelement sektorenübergreifender IT-Anwendungen, : Gesellschaft für Versicherungswissenschaft und -gestaltung e.V. (GVG), 77-83 (2005)

Engelbrecht, R.: EHRs and Telemedicine: European Aspects. Health it Trends & Marketing: A Conference Designed for Health it Vendors (2005)

Engels, B.*, Nössner, E., Frankenberger, B., Blankenstein, T.*, Schendel, D.J., Uckert, W.*: Redirecting Human T Lymphocytes toward Renal Cell Carcinoma Specificity by Retroviral Transfer of T Cell Receptor Genes. Hum. Gen. Ther. 16, 799-810 (2005)

Englmeier, K.-H., Bichler, S., Schmid, K., Maurino, M.*, Porta, M.*, Bek, T.*, Ege, B.*, Larsen, O.V.*, Hejlesen, O.K.*: Multi-resolution retinal vessel tracker based on directional smoothing. The Korea-Germany Joint Workshop on Advanced Medical Image Processing (2005)

Erazo, N.*, Baumert, J., Ladwig, K.-H.: Regionale und örtliche Verteilungsmuster von Bahnsuiziden. Nervenarzt 75, 1099-1106 (2005)

Erfle, V., Göbel, F.D.*, Guzman, C. A.*, Le Grand, R.*: Vaccines based on Nef and on Nef/(Delta)V2 Env. Microbes Infect. 7, 1400-1404 (2005)

Facius, A., Englbrecht, C., Birzele, F., Groscurth, A., Benjamin S., Wanka S., Mewes W.: PRIME: a graphical interface for integrating genomic/proteomic databases. Proteomics 5, 76-80 (2005)

Fahn, W.*, Issels, R.D.: Emerging treatments for soft tissue sarcoma of adults. *Expert Opin. Emerg. Drugs* 9, 313-334 (2004)

Fan, R.*, Knapp, M.*, Wjst, M., Zhao, C.*, Xiong, M.*: High resolution T² association tests of complex diseases based on family data. *Ann. Hum. Genet.* 69, 187-208 (2005)

Favor, J., Shelby, M.D.*: Transmitted mutational events induced in mouse germ cells following acrylamide or glycidamide exposure. *Mutat. Res.- Gen. Tox. Environ.* 580, 21-30 (2005)

Faye, S.*, Maloszewski, P., Stichler, W., Trimborn, P., Faye, S.C.*, Gaye, C.B.*: Groundwater salinization in the Saloum (Senegal) delta aquifer : minor elements and isotopic indicators. *Sci. Total Environ.* 343, 243-259 (2005)

Feichtinger, H.G.*, Gröchenig, K., Strohmer, T.*: Frame theory and sampling problems in time-frequency analysis and wavelet theory (Part I). *Int. J. Wavelets Multiresol. Inform. Proc.* 3 (Special Issue), 283 S. (2005)

Ferge, T., Karg, E., Schröppel, A., Tobias, H.*, Frank, M.*, Gard, E.*, Zimmermann, R.: Single particle analysis of standard soot samples for fast determination of EC/OC values. *J. Aerosol Sci.* 35 (Suppl.1), 1169-1170 (2004)

Ferge, T., Maguhn, J., Hafner, K., Mühlberger, F., Davidovic, M.*, Warnecke, R.*, Zimmermann, R.: On-line analysis of gas-phase composition in the combustion chamber and particle emission characteristics during combustion of wood and waste in a small batch reactor. *Environ. Sci. Technol.* 39, 1393-1402 (2005)

Ferge, T., Maguhn, J., Hafner, K., Mühlberger, F., Davidovic, M.*, Zimmermann, R.: Correlation of gas-phase composition and particle emission during combustion of wood and model waste in a small batch reactor. *J. Aerosol Sci.* 35 (Suppl.1), 1087-1088 (2004)

Ferge, T., Mühlberger, F., Zimmermann, R.: Laser desorption/ionization using vacuum-UV single photon ionization for analysis of organic components in tobacco smoke and ambient aerosols. *J. Aerosol Sci.* 35 (Suppl.1), 425-426 (2004)

Ferge, T., Mühlberger, F., Zimmermann, R.: Application of infrared laser desorption vacuum-UV single photon ionization mass spectrometry for analysis of organic compounds from particulate matter filter samplas. *Anal. Chem.* 77, 4528-4538 (2005)

Fernandes-Whaley, M.*, Mühlberger, F., Whaley, A.*, Adam, T., Zimmermann, R., Rohwer, E.*, Walte, A.*: On-line derivatization for resonance-enhanced multiphoton ionization time-of-flight mass spectrometry : detection of aliphatic aldehydes and amines via reactive coupling of aromatic photo ionization labels. *Anal. Chem.* 77, 1-10 (2005)

Ferron, G.A., Karg, E., Busch, B., Heyder, J.: Ambient particles at an urban, semi-urban and rural site in Central Europe: hygroscopic properties. *Atmos. Environ.* 39, 343-352 (2005)

Ferron, G.A., Karg, E., Harder, V., Gentry, J.*: Model for the deposition of hygroscopic aerosol particles in the rat lung. *European Aerosol Conference 2005, Maenhaut, W. [Ed.], S. 767 (2005)*

Fiegl, M.*, Gerbitz, A.*, Gaeta, A.*, Campe, H.*, Jaeger, G.*, Kolb, H.-J.: Recovery from CMV esophagitis after allogeneic bone marrow transplantation using non-myeloablative conditioning : the role of immunosuppression. *J. Clin. Virol.* 34, 219-223 (2005)

Filbir, F., Lasser, R., Szwarc, R.*: Hypergroups of compact type. *J. Comput. Appl. Math.* 178, 205-214 (2005)

Fill, U.: Proceedings of the 6th International Symposium on ESR Dosimetry and Applications. *Appl. Radiat. Isotopes*, A. Skinner, U. Fill, O. Baffa and S. Eaton [Eds.], Oxford : Elsevier, 266 S. (2005)

Fimognari, C.* , Berti, F.* , Nüsse, M., Cantelli Forti, G.* , Hrelia, P.*: In vitro antitumor activity of cyanidin-3-O- β -glucopyranoside. *Chemotherapy* 51, 332-335 (2005)

Fimognari, C.* , Berti, F.* , Nüsse, M., Cantelli-Forti, G.* , Hrelia, P.*: Induction of apoptosis in two human leukemia cell lines as well as differentiation in human promyelocytic cells by cyanidin-3-O- β -glucopyranoside. *Biochem. Pharmacol.* 67, 2047-2056 (2004)

Fimognari, C.* , Nüsse, M., Berti, F.* , Iori, R.* , Cantelli-Forti, G.* , Hrelia, P.*: Isothiocyanates as novel cytotoxic and cytostatic agents : molecular pathway on human transformed and non-transformed cells. *Biochem. Pharmacol.* 68, 1133-1138 (2004)

Fimognari, C.* , Nüsse, M., Berti, F.* , Iori, R.* , Cantelli-Forti, G.* , Hrelia, P.*: A mixture of isothiocyanates induces cyclin B1- and p53-mediated cell-cycle arrest and apoptosis of human T lymphoblastoid cells. *Mutat. Res.- Fund. Mol. Mech. Mutag.* 554, 205-214 (2004)

Fimognari, C.* , Nüsse, M., Iori, R.* , Cantelli-Forti, G.* , Hrelia, P.: The new isothiocyanate 4-(methylthio)butylisothiocyanate selectively affects cell-cycle progression and apoptosis induction of human leukemia cells. *Invest. New Drugs* 22, 119-129 (2004)

Fimognari, C.* , Sangiorgi, L.* , Capponcelli, S.* , Nüsse, M., Fontanesi, S.* , Berti, F.* , Cantelli-Forti, G.* , Hrelia, P.*: A mutated p53 status did not prevent the induction of apoptosis by sulforaphane, a promising anti-cancer drug. *Invest. New Drug* 23, 195-203 (2005)

Fischer, A.* , Bauer, J.* , Dietze, M.* , Gödeke, S.* , Schirmer, M.* , Weiß, H.* , Kästner, M.* , Meckenstock, R.U., Richnow, H.-H.*: Konzept zur Quantifizierung des anaeroben in situ-Schadstoffabbaus in BTEX-kontaminierten Grundwasserleitern mittels Deuterium-markierter Substanzen. *Altlasten Spektrum* 1, 5-12 (2005)

Fischer, G., Lasser, R.: Homogeneous Banach spaces with respect to Jacobi polynomials. *Rendiconti del Circolo Matematico di Palermo* 2 (Suppl.76), 331-353 (2005)

Flynn, R.M.* , Schnegg, P.-A.* , Costa, R.* , Mallen, G., Zwahlen, F.*: Identification of zones of preferential groundwater tracer transport using a mobile downhole fluorometer. *Hydrogeol. J.* 13, 366-377 (2005)

Forastiere, F.* , von Klot, S., Peters, A.: A case-crossover analysis of out-of-hospital coronary deaths and air pollution in Rome, Italy. *Am. J. Crit. Care Med.* 172, 1549-1555 (2005)

Fornasier, M.* , Gröchenig, K.: Intrinsic localization of frames. *Constr. Approx.* 22, 395-415 (2005)

Frank, O.* , Giehl, M.* , Zheng, C.* , Heilmann, R.* , Leib-Mösch, C., Seifarth, W.*: Human endogenous retrovirus expression profiles in samples from brains of patients with schizophrenia and bipolar disorders. *J. Virol.* 79, 10890-10901 (2005)

Frankenberger, B., Pohla, H., Nössner, E., Willimsky, G.*, Papier, B., Pezzutto, A.*, Kopp, J.*, Oberneder, R., Blankenstein, T., Schendel, D.: Influence of CD80 Interleukin2, and Interleukin-7 Expression in Human Renal Cell Carcinoma on the Expression, Function, and Survival of Tumor-Specific CTLs. *Clin. Cancer Res.* 11, 1733-1742 (2005)

Frankenberger, B., Regn, S., Geiger, C., Nössner, E., Falk, C.S., Pohla, H.*, Javorovic, M.*, Silberzahn, T., Wilde, S., Buchner, A.*, Siebels, M.*, Oberneder, R.*: Cell-based vaccines for renal cell carcinoma: genetically-engineered tumor cells and monocyte-derived dendritic cells. *World J. Urol.* 23, 166-174 (2005)

Frankenberger, M., Häussinger, K., Ziegler-Heitbrock, L.: Liposomal methylprednisolone differentially regulates the expression of TNF and IL-10 in human alveolar macrophages. *Int. Immunopharmacol.* 5, 289-299 (2005)

Friedel, C.C.*, Jahn, K.H.*, Sommer, S.*, Rudd, S.*, Mewes, H.-W., Tetko, I.V.: Support vector machines for separation of mixed plant-pathogen EST collections based on codon usage. *Bioinformatics* 21, 1383-1388 (2005)

Friedland, W., Dingfelder, M.*, Jacob, P., Paretzke, H.G.: Calculated DNA double-strand break and fragmentation yields after irradiation with He ions. *Radiat. Phys. Chem.* 72, 279-286 (2005)

Frommberger, M., Hertkorn, N., Englmann, M., Jakoby, S., Hartmann, A., Kettrup, A., Schmitt-Kopplin, P.: Analysis of N-acylhomoserine lactones after alkaline hydrolysis and anion-exchange solid-phase extraction by capillary zone electrophoresis-mass spectrometry. *Electrophoresis* 26, 1523-1532 (2005)

Fuchs, M.*, Hermannstädter, C.*, Specht, K.*, Knyazev, P.*, Ullrich, A.*, Rosivatz, E.*, Busch, R.*, Hutzler, P., Höfler, H., Lubert, B.*: Effect of tumor-associated mutant E-cadherin variants with defects in exons 8 or 9 on matrix metalloproteinase 3. *J. Cell. Physiol.* 202, 805-813 (2005)

Führ, H.: The weak Paley-Wiener property for group extensions. *J. Lie Theory* 15, 429-446 (2005)

Gailer, J., Ruprecht, L., Reitmeir, P., Benker, B., Schramel, P.: Mobilization of exogenous and endogenous selenium to bile after the intravenous administration of environmentally relevant doses of arsenite to rabbits. *Appl. Organomet. Chem.* 18, 670-675 (2004)

Gailus-Durner, V. (57 Coauthors), Hrabé de Angelis, M.: Introducing the German Mouse Clinic : Open access platform for standardized phenotyping. *Nat. Meth.* 2, 403-404 (2005)

Gamboa-Dominguez, A.*, Quintanilla-Martinez, L., Becker, K.-F., Höfler, H.: E-cadherin expression in sporadic gastric cancer from Mexico : exon 8 and 9 deletions are infrequent events associated with poor survival. *Hum. Pathol.* 36, 29-35 (2005)

Gapp, O.: Mittelverwendung versus Mittelverschwendung - Fehl-, Über- und Unterversorgung im Gesundheitswesen. *J. Public Health* 12, 386-387 (2004)

Gayler, S., Leser, C.*, Priesack, E., Treutter, D.*: Modelling the effect of environmental factors on the "trade-off" between growth and defensive compounds in young apple trees. *Trees* 18, 363-371 (2004)

Gebhardt, C.*, Schmidt, R.*, Schneider, K.: Plant genome analysis : The State of the Art. *Int. Rev. Cytol.* 247, 223-284 (2005)

Gehring, U., Brunekreef, B.*, Fahlbusch, B.*, Wichmann, H.-E., Heinrich, J.: Are house dust mite allergen levels influenced by cold winter weather? *Allergy* 60, 1079-1082 (2005)

Gehrmann, M.*, Marienhagen, J.*, Eichholtz-Wirth, H., Ellwart, J., Jäättela, M.*, Zilch, T.*, Multhoff, G.*: Dual function of membrane-bound heat shock protein 70 (Hsp70), Bag-4, and Hsp40 : protection against radiation-induced effects and target structure for natural killer cells. *Cell Death Differ.* 12, 38-51 (2005)

Geiser, M.*, Rothen-Rutishauser, B.*, Kapp, N.*, Schürch, S.*, Kreyling, W., Schulz, H., Semmler, M., Im Hof, V.*, Heyder, J., Gehr, P.*: Ultrafine particles cross cellular membranes by nanophagocytic mechanisms in lungs and in cultured cells. *Environ. Health Persp.* 113, 1555-1560 (2005)

Gerber, R.B.*, Wick, R.R., Kellerer, A.M., Hopewell, J.W.*, Majo, V.D.*, Dudoignon, N.*, Gössner, W., Stather, J.*: The European radiobiology archives (ERA), its present status, relation to other radiobiology archives and future development. *GSF-Bericht 06/05, Proceedings of the 9. International Conference on Health Effects of Incorporated Radionuclides Emphasis on Radium, Thorium, Uranium and their Daughter Products. HEIR 2004*, Oeh, U. ; Roth, P. ; Paretzke, H.G. (Eds.), Neuherberg : GSF-Forschungszentrum mbH, 96-103 (2005)

Gilfillan, S., Stelzer, G., Piaia, E., Hofmann, M.G., Meisterernst, M.: Efficient binding of NC2-TATA-binding protein to DNA in the absence of TATA. *J. Biol. Chem.* 280, 6222-6230 (2005)

Gires, O., Andratschke, M., Schmitt, B., Mack, B., Schaffrik, M.: Cytokeratin 8 associates with the external leaflet of plasma membranes in tumour cells. *Biochem. Bioph. Res. Co.* 328, 1154-1162 (2005)

Glaser, B.*, Klopp, N., Illig, T.: No association between the putative functional ZDHHC8 single nucleotide polymorphism rs175174 and schizophrenia in large European samples. *Biol. Psychiat.* 58, 78-80 (2005)

Golan-Goldhirsh, A.*, Barazani, O.*, Nepovim, A.*, Soudek, P.*, Smrcek, S.*, Dufkova, L.*, Krenkova, S.*, Yrjala, K.*, Schröder, P., Vanek, T.*: Plant response to heavy metals and organic pollutants in cell culture and at whole plant level. *J. Soils Sediments* 4, 133-140 (2004)

Gomolka, M.*, Rössler, U.*, Hornhardt, S.*, Walsh, L.*, Panzer, W., Schmid, E.: Measurement of the initial levels of DNA damage in human lymphocytes induced by 29 kV X rays (Mammography X rays) relative to 220 kV X rays and gamma rays. *Radiat. Res.* 163, 510-519 (2005)

Götschi, T.*, Heinrich, J.: Elemental composition and reflectance of ambient fine particles at 21 European locations. *Atmos. Environ.* 39, 5947-5958 (2005)

Götz, M., Barde, Y.-A.: Radial Glial Cells: Defined and Major Intermediates between Embryonic Stem Cells and CNS Neurons. *Neuron* 46, 369-372 (2005)

Götz, M., Huttner, W.B.*: The Cell Biology of Neurogenesis. *Nat. Rev. Mol. Cell. Biol.* 6, 777-788 (2005)

Götz, M., Sommer, L.*: Cortical Development: The art of generating cell diversity. *Development* 132, 3327-3332 (2005)

Grahn, A.*, Wanninger, F., Panzer, W. et al. (13 Coauthors): Clinical evaluation of a new set of image quality criteria for mammography. *Radiat. Prot. Dosim.* 114, 389-394 (2005)

- Graichen, H.* , Hinterwimmer, S.* , von Eisenhart-Rothe, R.* , Vogl, T., Englmeier, K.-H., Eckstein, F.*: Effect of abducting and adducting muscle activity on glenohumeral translation, scapular kinematics and subacromial space width in vivo. *J. Biomech.* 38, 755-760 (2005)
- Graw, J., Brackmann, H.-H.* , Oldenburg, J.* , Schneppenheim, R.* , Spannagl, M.* , Schwaab, R.*: Haemophilia A : from mutation analysis to new therapies. *Nat. Rev. Genet.* 6, 488-501 (2005)
- Graw, J., Löster, J., Puk, O., Münster, D., Haubst, N., Soewarto, D., Fuchs, H., Meyer, B., Nürnberg, P.* , Pretsch, W., Selby, P.* , Favor, J., Wolf, E.* , Hrabé de Angelis, M.: Three novel Pax6 alleles in the mouse leading to the same small-eye phenotype caused by different consequences at target promoters. *Invest. Ophthalmol. Vis. Sci.* 46, 4671-4683 (2005)
- Greenwood, A.D., Horsch, M., Stengel, A., Vorberg, I.* , Lutzny, G.* , Maas, E.* , Schädler, S., Erfle, V., Beckers, J., Schätzl, H.* , Leib-Mösch, C.: Cell line dependent RNA expression profiles of prion-infected mouse neuronal cells. *J. Mol. Biol.* 349, 487-500 (2005)
- Greenwood, A.D., Leib-Mösch, C., Seifarth, W.*: Abyss1 : a novel L2-like non-LTR retroelement of the snakelocks anemone (*Anemonia sulcata*). *Cytogenet. Genome Res.* 110, 553-558 (2005)
- Greenwood, A.D., Stengel, A., Erfle, V., Seifarth, W.* , Leib-Mösch, C.: The distribution of pol containing human endogenous retroviruses in non-human primates. *Virology* 334, 203-213 (2005)
- Greiner, A.* , Tobollik, S.* , Buettner, M.* , Jungnickel, B., Herrmann, K.* , Kremmer, E., Niedobitek, G.*: Differential expression of activation-induced cytidine deaminase (AID) in nodular lymphocyte-predominant and classical Hodgkin lymphoma. *J. Pathol.* 205, 541-547 (2005)
- Griebler, C., Eisenmann, H., Meckenstock, R.U.: Anwendung der Komponenten-spezifischen Analyse stabiler Isotopen zur Bestimmung des in situ Abbaus aromatischer Kohlenwasserstoffe. Workshop : Perspektiven molekularer und isotopischer Methoden zum Nachweis des natürlichen Schadstoffabbaus in Böden, 39-47 (2005)
- Griesinger, F.* , Hennig, H.* , Hillmer, F.* , Podleschny, M.* , Steffens, R.* , Pies, A.* , Wörmann, B.* , Haase, D.* , Bohlander, S.K.: A BCR-JAK2 fusion gene as the result of a t(9;22)(p24;q11.2) translocation in a patient with a clinically typical chronic myeloid leukemia. *Gene Chromosome Cancer* 44, 329-333 (2005)
- Grimm, T., Schneider, S., Naschberger, E., Huber, J.* , Guenzi, E., Kieser, A., Reitmeir, P., Schulz, T.F.* , Morris, C.A.* , Stürzl, M.: EBV latent membrane protein-1 protects B cells from apoptosis by inhibition of BAX. *Blood* 105, 3263-3269 (2005)
- Grundler, W., Dirscherl, P., Beisker, W., Weber, F.* , Stolla, F.* , Bollwein, H.*: Quantification of temporary and permanent subpopulations of bull sperm by an optimized SYBR-14/propidium iodide assay. *Cytom. Part A* 60A, 63-72 (2004)
- Güldener, U., Münsterkötter, M., Kastenmüller, G., Strack, N.* , van Helden, J.* , Lemer, C.* , Richelles, J.* , Wodak, S.J.* , Garcia-Martinez, J.* , Perez-Ortin, J.E.* , Michael, H.* , Kaps, A.* , Talla, E.* , Dujon, B.* , Andre, B.* , Souciet, J.L., De Montigny, J.* , Bon, E.* , Gaillardin, C.* , Mewes, H.-W.: CYGD: the Comprehensive Yeast Genome Database. *Nucleic Acids Res.* 33, D364-368 (2005)
- Gutermuth, J.* , Audring, H.* , Roseeuw, D.*: Disseminated cutaneous B-cell lymphoma mimicking pseudolymphoma over a period of six years. *Am. J. Dermatopathol.* 26, 225-229 (2004)
- Gutermuth, J.* , Audring, H.* , Voit, C.* , Trefzer, U.* , Haas, N.*: Antitumour activity of paclitaxel and interferon-alpha in a case of metastatic eccrine porocarcinoma. *J. Eur. Acad. Derm. Venerol.* 18, 477-479 (2004)

Gutermuth, J.*, Behrendt, H., Ring, J.*, Jakob, T.: Models of contact dermatitis and atopic eczema. *Drug Discov. Today: Disease Models* 2, 135-140 (2005)

Haas, J.*, Hug, A.*, Viehöver, A.*, Fritzsching, B.*, Falk, Ch., Filser, A.*, Vetter, T.*, Milkova, L.*, Korporal, M.*, Fritz, B.*, Storch-Hagenlocher, B.*, Krammer, P.H., Suri-Payer, E.*, Wildemann, B.*: Reduced suppressive effect of (CD4+)CD25high regulatory T cells on the T cell immune response against myelin oligodendrocyte glycoprotein in patients with multiple sclerosis. *Eur. J. Immunol.* 35, 3343-3352 (2005)

Haberer, G., Gundlach, H., Mayer, K.F.X.: Structure and architecture of the Maize genome. *Plant Physiol.* 139, 1612-1624 (2005)

Hack, M.A., Saghatelian, A.*, Chevigny, A. de*, Pfeifer, A.*, Ashery-Padan, R.*, Lledo, P.-M.*, Götz, M.: Neuronal fate determinants of adult olfactory bulb neurogenesis. *Nat. Neurosci.* 8, 865-872 (2005)

Hacker, U.T.*, Kofler, D.M., Lutz, S., King, S.B.S., Hallek, M.: Adeno-associated virus serotypes 1 to 5 mediated tumor cell directed gene transfer and improvement of transduction efficiency. *J. Gene Med.* 7, 1429-1438 (2005)

Hacker, U.T.*, Schildhauer, I.*, Barroso, M.C., Kofler, D.M.*, Gerner, F.M.*, Mysliwietz, J., Büning, H.*, Hallek, M.*, King, S.B.S.: Gene transfer preferentially selects MHC class I positive tumour cells and enhances tumour immunogenicity. *Cancer Immunol. Immun.* 11S. (2005)

Hahn, K.R., Prigarin, S.*, Hasan, K.*: The feasibility of diffusion tensor imaging for the human brain at 1 mm³ resolution. *Proceedings of the 13. Annual Meeting of the ISMRM*, S. 161 (2005)

Haiman, M.*, Salvenmoser, W.*, Scheiber, K.*, Lingenhel, A.*, Rudolph, C.*, Schmitz, G.*, Kronenberg, F., Dieplinger, H.*: Immunohistochemical localization of apolipoprotein A-IV in human kidney tissue. *Kidney Int.* 68, 1130-1136 (2005)

Haiman, M.*, Salvenmoser, W.*, Scheiber, K.*, Lingenhel, A.*, Rudolph, Ch.*, Schmitz, G.*, Kronenberg, F., Dieplinger, H.*: Immunohistochemical localization of apolipoprotein A-IV in human kidney tissue. *Kidney Int.* 68, 1130-1136 (2005)

Hammer, M.H.*, Meyer, S.*, Brestrich, G.*, Moosmann, A., Kern, F.*, Tesfa, L.*, Babel, N.*, Mittenzweig, A.*, Rooney, C.M.*, Hammerschmidt, W., Volk, H.-D.*, Reinke, P.*: HLA type-independent generation of antigen-specific T cells for adoptive immunotherapy. *Eur. J. Immunol.* 35, 2250-2258 (2005)

Happich, M., Lengerke, T. von: Valuing the health state 'tinnitus': Differences between patients and the general public. *Hearing Res.* 207, 50-58 (2005)

Happich, M., Schweikert, B., Mühlbacher, A.*: Kosteneffektivität von Galantamin in Deutschland. *Psychiatr. Prax.* 32, 142-150 (2005)

Harder, V., Gilmour, P.S.*, Lentner, B., Karg, E., Takenaka, S., Ziesenis, A., Stampfl, A., Kodavanti, U.P.*, Heyder, J., Schulz, H.: Cardiovascular responses in unrestrained WKY rats to inhaled ultrafine carbon particles. *Inhal. Toxicol.* 17, 29-42 (2005)

Hariton-Gazal, E.*, Rosenbluh, J.*, Zakai, N.*, Fridkin, G.*, Brack-Werner, R., Wolff, H., Devaux, C.*, Gilon, C.*, Loyter, A.*: Functional analysis of backbone cyclic peptides bearing the arm domain of the HIV-1 Rev protein : characterization of the karyophilic and inhibition of Rev-induced gene expression. *Biochemistry* 44, 11555-11566 (2005)

- Hartl, D.*, Belohradsky, B.H.*, Griese, M.*, Nicolai, T.*, Krauss-Etschmann, S., Roos, D.*, Wintergerst, U.*: Celiac disease and pulmonary hemosiderosis in a patient with chronic granulomatous disease. *Pediatr. Pulm.* 38, 344-348 (2004)
- Hartl, D.*, Griese, M.*, Nicolai, T.*, Zissel, G.*, Prell, C.*, Konstantopoulos, N.*, Gruber, R.*, Reinhardt, D.*, Schendel, D.J., Krauss-Etschmann, S.*: Pulmonary chemokines and their receptors differentiate children with asthma and chronic cough. *J. Allergy Clin. Immunol.* 115, 728-736 (2005)
- Hartl, D.*, Griese, M.*, Nicolai, T.*, Zissel, G.*, Prell, C.*, Reinhardt, D.*, Schendel, D.J., Krauss-Etschmann, S.: A role for MCP-1/CCR2 in interstitial lung disease in children. *Resp. Res.* 6, 93-104 (2005)
- Hartl, D.*, Starosta, V.*, Maier, K., Beck-Speier, I., Rebhan, C.*, Becker, B.F.*, Latzin, P.*, Fischer, R.*, Ratjen, F.*, Huber, R.M.*, Rietschel, E.*, Krauss-Etschmann, S., Griese, M.*: Inhaled glutathione decreases PGE2 and increases lymphocytes in cystic fibrosis lungs. *Free Radical Biol. Med.* 39, 463-472 (2005)
- Hauck, S.M., Schoeffmann, S., Deeg, C.A.*, Gloeckner, C.J., Swiatek-de Lange, M., Ueffing, M.: Proteomic analysis of the porcine interphotoreceptor matrix. *Proteomics* 5, 3623-3636 (2005)
- Haug, S., Braun-Falco, M.*: Adeno-associated virus receptor are able to restore fatty aldehyde dehydrogenase-deficiency. Implications for gene therapy in Sjögren-Larsson syndrome. *Arch. Dermatol. Res.* 296, 568-572 (2005)
- Hawker, K.*, Fuchs, H., Hrabé de Angelis, M., Steel, K.P.*: Two new mouse mutants with vestibular defects that map to the highly mutable locus on chromosome 4. *Int. J. Audiol.* 44, 171-177 (2005)
- Heid, I.M., Lamina, C., Bongardt, F., Fischer, G., Klopp, N., Huth, C., Küchenhoff, H.*, Kronenberg, F., Wichmann, H.E., Illig, T.: Wie gut können Haplotypen in den populationsbasierten KORA-Studien rekonstruiert werden? *Gesundheitswesen* 67 (Sonderheft 1), 132-136 (2005)
- Heid, I.M., Vollmert, C., Hinney, A., Döring, A., Geller, F., Löwel, H., Wichmann, H.-E., Illig, T., Hebebrand, J., Kronenberg, F.: Association of the 103I MC4R allele with decreased body mass in 7937 participants of two population based surveys. *J. Med. Genet.* 42, [Umf.21S.] (2005)
- Heidenreich, B., Haberer, G., Mayer, K., Sandermann, H., Ernst, D.: cDNA array analysis of mercury- and ozone-induced genes in *Arabidopsis thaliana*. *Acta Physiol. Plant.* 27, 45-51 (2005)
- Heidenreich, W.F., Cross, F.T.*, Paretzke, H.G.: Modelling the life expectancy of rats exposed to radon. *Math. Comput. Modell.* 41, 689-695 (2005)
- Heidenreich, W.F., Friedland, W., Paretzke, H.G.: Radiation action of alpha-particles in the Two stage Clonal Expansion model. GSF-Bericht 06/05, Proceedings of the 9. International Conference on Health Effects of Incorporated Radionuclides Emphasis on Radium, Thorium, Uranium and their Daughter Products HEIR 2004, Oeh, U., Roth, P., Paretzke, H.G. [Eds], Neuberberg : GSF-Forschungszentrum mbH, 153-156 (2005)
- Heidenreich, W.F., Müller, W.A., Paretzke, H.G., Rosemann, M.: Bone cancer risk in mice exposed to ²²⁴Ra: protraction effects from promotion. *Radiat. Environ. Bioph.* 44, 61-67 (2005)
- Heidenreich, W.F., Paretzke, H.G.: Interpretation by modelling of observations in radon radiation carcinogenesis. *Radiat. Prot. Dosim.* 112, 501-507 (2004)

Heidenreich, W.F., Tomasek, L.*, Rogel, A.*, Laurier, D.*, Tirmarche, M.*: Studies of radon-exposed miner cohorts using a biologically based model : comparison of current Czech and French data with historic data from China and Colorado. *Radiat. Environ. Bioph.* 43, 247-256 (2004)

Heidenreich, W.F.: Heterogeneity of cancer risk due to stochastic effects. *Risk Anal.* 25, 1589-1594 (2005)

Heinisch, E.*, Kettrup, A.*, Bergheim, W., Martens, D.*, Wenzel, S.*: Persistent chlorinated hydrocarbons (PCHC), source-oriented monitoring in aquatic media. 2. the insecticide DDT, constituents, metabolites. *Fresen. Environ. Bull.* 14, 69-85 (2005)

Heinrich, J., Gehring, U.*, Cyrus, J., Brauer, M.*, Hoek, G.*, Fischer, P.*, Bellander, T.*, Brunekreef, B.*: Exposure to traffic related air pollutants : self reported traffic intensity versus GIS modelled exposure. *Occup. Environ. Med.* 62, 517-523 (2005)

Heinrich, J., Koletzko, B.*: *Kinderkrippen und Kindergesundheit*. München : Verlag Deutsches Jugendinstitut / Bildung, Betreuung und Erziehung von Kindern unter sechs Jahren, 227-277 (2005)

Heinrich, J., Schwarze, P.E.*: Studies on health effects of transport-related air pollution. Health effects of transport-related air pollution, Krzyzanowski, M. et al. (Eds.), Copenhagen : WHO, 125-183 (2005)

Heinrich, J., Topp, R., Gehring, U., Thefeld, W.*: Traffic at residential address, respiratory health and atopy in adults : the National German Health Survey 1998. *Environ. Res.* 98, 240-249 (2005)

Heinzerling, L.*, Darsow, U., Jessberger, B. et al. (22 Coauthors): Standard skin prick testing and sensitization to inhalant allergens across Europe - a survey from the GA²LEN network. *Allergy* 60, 1287-1300 (2005)

Heiser, I.*, Durner, J., Langebartels, C.: Interactions between host plants and fungal and bacterial pathogens. *Plant Toxicology*, Hock, B. ; Elstner, E.F. [Eds.], New York : Marcel Dekker, 555-595 (2005)

Heit, A.*, Schmitz, F.*, O'Keeffe, M.*, Staib, C.*, Busch, D.H., Wagner, H.*, Huster, K.M.: Protective CD8 T cell immunity triggered by CpG-protein conjugates competes with the efficacy of live vaccines. *J. Immunol.* 174, 4373-4380 (2005)

Henneberger, A.*, Zareba, W.*, Ibalid-Mulli, A., Rückerl, R., Cyrus, J., Couderc, J.-P.*, Mykings, B.*, Woelke, G., Wichmann, H.-E., Peters, A.: Repolarization changes induced by air pollution in ischemic heart disease patients. *Environ. Health Persp.* 113, 440-446 (2005)

Hense, B.A., Severin, G.F., Pfister, G., Welzl, G., Jaser, W., Schramm, K.-W.: Effects of anthropogenic estrogens nonylphenol and 17alpha-ethinylestradiol in aquatic model ecosystems. *Acta Hydrochim. Hydrobiol.* 33, 27-37 (2005)

Hense, B.A., Welzl, G., Severin, G.F., Schramm, K.-W.: Nonylphenol induced changes in trophic web structure of plankton analysis by multivariate statistical approaches. *Aquatic Toxicol.* 73, 190-209 (2005)

Herder, C., Illig, T., Rathmann, W.*, Martin, S.*, Haastert, B.*, Müller-Scholze, S.*, Holle, R., Thorand, B., König, W.*, Wichmann, H.E., Kolb, H.*: Inflammation and Type 2 Diabetes from KORA Augsburg. *Gesundheitswesen* 67 (Sonderheft 1), 115-121 (2005)

Herder, Ch.*, Haastert, B.*, Müller-Scholze, S.*, König, W.*, Thorand, B., Holle, R., Wichmann, H.-E., Scherbaum, W.A.*, Martin, S.*, Kolb, H.*: Association of Systemic Chemokine Concentrations with Impaired Glucose Tolerance and Type 2 Diabetes : Results from the Cooperative Health Research in the Region of Augsburg Survey S4 (KORA S4). *Diabetes* 54, Suppl. 2, 11-17 (2005)

Herges, R.*, Papafilippopoulos, A.*, Hess, K.*, Chiappe, C.*, Lenoir, D., Detert, H.*: cis-Bromierung von Alkinen ohne kationische Zwischenstufen. *Angew. Chem.* 117, 1437-1441 (2005)

Herges, R.*, Papafilippopoulos, A.*, Hess, K.*, Chiappe, C.*, Lenoir, D., Detert, H.*: cis-Bromination of Alkynes without cationic intermediates. *Angew. Chem. Int. Ed.* 44, 1412-1416 (2005)

Herrmann, L.*, Sommer, M.*, Schutte, B.*, Wehrhan, M.*, Graeff, S.*, Zipprich, M.: Nutzung von Fern- und Naherkundungsverfahren insbesondere EM38 zur Ableitung räumlich kontinuierlicher Bodendaten auf der Feldskala. *Mitteilungen der Deutschen Bodenkundlichen Gesellschaft* ; 106, 79-80 (2005)

Herschkwitz, Y.*, Lerner, A.*, Davidov, Y.*, Rothballer, M., Hartmann, A., Okon, Y.*, Jurkevitch, E.*: Inoculation with the plant-growth-promoting rhizobacterium *Azospirillum brasilense* causes little disturbance in the rhizosphere and rhizoplane of Maize (*Zea mays*). *Microbial. Ecol.* 50, 277-288 (2005)

Hertkorn, N., Kettrup, A.: Molecular level structural analysis of natural organic matter and of humic substances by multinuclear and higher dimensional NMR spectroscopy. IV. *Earth and Environmental Sciences* ; Vol. 52, Use of humic substances to remediate polluted environments: from theory to practice, Perminova, I.V. ; Hatfield, K. ; Hertkorn, N. [Eds.], Dordrecht : Springer, 391-435 (2005)

Herzog, G., Lu-Hesselmann, J.*, Zimmermann, Y., Haferlach, T.*, Hiddemann, W., Dreyling, M.*: Microsatellite instability and p53 mutations are characteristics of subgroups of acute myeloid leukemia but independent events. *Haematologica* 90, 693-695 (2005)

Hilgers, R.-D.*, Feldmann, U.*, Jöckel, K.-H.*, Klar, R.*, Rienhoff, O.*, Schäfer, H.*, Selbmann, H.-K.*, Wichmann, H.-E.: Empfehlungen zur Umsetzung der Approbationsordnung für Ärzte vom 27.06.2002 in den Fächern Epidemiologie, Medizinische Biometrie und Medizinische Informatik. *GMS Med. Inform. Biom. Epidemiol.* 1, 1-12 (2005)

Hindemitt, T., Mayer, K.F.X.: CREDO : a web-based tool for computational detection of conserved sequence motifs in noncoding sequences. *Bioinformatics* 21, 4304-4306 (2005)

Hinterwimmer, S.*, Gotthardt, M.*, Eisenhart-Rothe, R. von*, Sauerland, S.*, Siebert, M., Vogl, T.*, Eckstein, F.*, Graichen, H.*: In vivo contact areas of the knee in patients with patellar subluxation. *J. Biomech.* 38, 2095-2101 (2005)

Hinterwimmer, S.*, von Eisenhart-Rothe, R., Siebert, M., Welsch, F.*, Vogl, T.*, Graichen, H.*: Patella kinematics and patello-femoral contact areas in patient with genu varum and mild osteoarthritis. *Clin. Biomech.* 19, 704-710 (2005)

Hitz, C., Vogt-Weisenhorn, D., Ruiz, P.*, Wurst, W., Floss, T.: Progressive loss of the spongiotrophoblast layer of Birc6/Bruce mutants results in embryonic lethality. *Genesis* 42, 91-103 (2005)

Hoeschen, C., Fill, U., Zankl, M., Panzer, W., Regulla, D., Döhring, W.*: A high-resolution voxel phantom of the breast for dose calculations in mammography. *Radiat. Prot. Dosim.* 114, 406-409 (2005)

Hoeschen, C., Tischenko, O., Buhr, E.*, Illers, H.*: Comparison of technical and anatomical noise in digital thorax X-ray images. *Radiat. Prot. Dosim.* 114, 75-80 (2005)

Hoeschen, C., Tischenko, O., Dance, D.R.*, Hunt, R.A.*, Maidment, A.D.A.*, Bakic, P.*: Testing a wavelet based noise reduction method using computer-simulated mammograms. *Proceedings of SPIE ; Medical Imaging 2005*, 969-978 (2005)

Hoeschen, C., Tischenko, O., Renger, B.*, Jungnickel, K.*: Separating the uncorrelated noise from the correlated detector noise of flat panel systems in order to quantify flat panel noise easily. *Proceedings of SPIE ; Medical Imaging 2005*, 51-60 (2005)

Hoet, P.H.M.*, Brüske-Hohlfeld, I., Salata, O.V.*: Nanoparticles - known and unknown health risks. *BMC J. Nanobiotech.* 2, 15 S. (2004)

Hoff, S.*, Seiler, H.*, Heinrich, J., Kompauer, I., Nieters, A.*, Becker, N.*, Nagel, G.*, Gedrich, K.*, Karg, G.*, Wolfram, G.*, Lineisen, J.*: Allergic sensitisation and allergic rhinitis are associated with n-3 polyunsaturated fatty acids in the diet and in red blood cell membranes. *Eur. J. Clin. Nutr.* 59, 1071-1080 (2005)

Holle, R., Behrend, C., Reitmeir, P., John, J.: Methodenfragen der Nutzung von GKV-Routinedaten für Kostenanalysen. *Routinedaten im Gesundheitswesen : Handbuch Sekundärdatenanalyse: Grundlagen, Methoden und Perspektiven*, Swart, E. ; Ihle, P. (Hrsg.), Bern : Hans Huber Verl., 301-318 (2005)

Holle, R., Happich, M., Löwel, H., Wichmann, H.-E.: KORA - a research platform for population based health research. *Gesundheitswesen* 67 (Sonderheft 1), 19-25 (2005)

Holle, R.: Effektives Datenmanagement als Qualitätsfaktor in Surveys. *Public Health Forum* 13, 7-8 (2005)

Hollosi, L., Kettrup, A., Schramm, K.-W.: MMSPE-RP-HPLC method for the simultaneous determination of methimazole and selected metabolites in fish homogenates. *J. Pharmaceut. Biomed. Anal.* 36, 921-924 (2004)

Höllriegl, V., Li, W.B., Oeh, U., Röhmuß, M., Roth, P.: Can default ICRP f1 values be applied to determine radiation dose from the intake of diet-incorporated thorium? *Radiat. Prot. Dosim.* 113, 403-407 (2005)

Höllriegl, V., Oeh, U., Röhmuß, M., Gerstmann, U.*, Roth, P.: Measuring extremely low levels of daily urinary Th excretions in adult German population. *J. Radioanal. Nucl. Chem.* 266, 441-444 (2005)

Hölter, S.M., Kallnik, M., Wurst, W., Marsicano, G.*, Lutz, B.*, Wotjak, C.T.*: Cannabinoid CB1 receptor is dispensable for memory extinction in an appetitively-motivated learning task. *Eur. J. Pharmacol.* 510, 69-74 (2005)

Hölzel, M., Rohmoser, M., Schlee, M., Grimm, T., Harasim, T., Malamoussi, A., Gruber-Eber, A., Kremmer, E., Hiddemann, W., Bornkamm, G.W., Eick, D.: Mammalian WDR12 is a novel member of the Pes1-Bop1 complex and is required for ribosome biogenesis and cell proliferation. *J. Cell Biol.* 170, 367-378 (2005)

Holzschuh, J.*, Wada, N.*, Wada, C.*, Schaffer, A.*, Javidan, Y.*, Tallafuß, A., Bally-Cuif, L., Schilling, T.F.*: Requirements for endoderm and BMP signaling in sensory neurogenesis in zebrafish. *Development* 132, 3731-3742 (2005)

Hornung, V.*, Guenther-Biller, M.*, Bourquin, C.*, Ablasser, A.*, Schlee, M., Uematsu, S.*, Noronha, A.*, Manoharan, M.*, Akira, S.*, de Fougerolles, A.*, Endres, S.*, Hartmann, G.*: Sequence-specific potent induction of IFN-alpha by short interfering RNA in plasmacytoid dendritic cells through TLR7. *Nat. Med.* 11, 263-270 (2005)

Hörtnagel, K., Nardocci, N.* , Zorzi, G.* , Garavaglia, B.* , Botz, E., Meitinger, T., Klopstock, T.*: Infantile neuroaxonal dystrophy and pantothenate kinase-associated neurodegeneration: Locus heterogeneity. *Neurology* 63, 922-924 (2004)

Hrabé de Angelis, M. et al. (160 Coauthors): EMPReSS : standardized phenotype screens for functional annotation of the mouse genome. *Nat. Genet.* 37, S.1155 (2005)

Huang, X.Y.* , Chen, J.W.* , Gao, L.N.* , Ding, G.H.* , Zhao, Y.Z.* , Schramm, K.-W.: Data evaluations and quantitative predictive models for vapor pressures of polycyclic aromatic hydrocarbons at different temperatures. *SAR and QSAR Environ. Res.* 15, 115-125 (2004)

Huber, B., Winterhalter, M.* , Auerswald, K.* , Seiler, K.-P.: Wasserflüsse und wassergetragene Stoffflüsse in Agrarökosystemen. *Landwirtschaft und Umwelt - ein Spannungsfeld. Ergebnisse des Forschungsverbundes Agrarökosysteme München (FAM), Osinski, E. et al. [Hrsg.], München : Oekom, 57-98 (2005)*

Huber, T.* , Rühm, W., Kato, K.* , Egbert, S.D.* , Kubo, F.* , Lazarev, V.* , Nolte, E.*: The Hiroshima thermal-neutron discrepancy for ³⁶Cl at large distances. Part I: New ³⁶Cl measurements in granite samples exposed to A-bomb neutrons. *Radiat. Environ. Bioph.* 44, 75-86 (2005)

Hügler, B.* , Suchowersky, H.* , Hellebrand, H.* , Adler, B., Borte, B.* , Sack, U.* , Schulte Overberg-Schmidt, U.* , Strnad, N.* , Otto, J.* , Meindl, A.* , Schuster, V.*: Persistent Hypogammaglobulinemia Following Mononucleosis in Boys Is highly Suggestive of X-Linked Lymphoproliferate Disease-Report of Three Cases. *J.Clin.Immunol.* 24, 515-522 (2005)

Hültner, L., Ehrenreich, H.*: Mast cells and endothelin-1 : a life-saving biological liaison? *Trends Immunol.* 26, 235-238 (2005)

Huss-Marp, J., Eberlein-König, B.* , Breuer, K.* , Mair, S.* , Darsow, U.* , Krämer, U.* , Mayer, E.* , Ring, J.* , Behrendt, H.: Einfluss von flüchtigen organischen Verbindungen und Hausstaubmilbenallergen auf die Hautfunktion beim atopischen Ekzem. *Allergo J.* 14, 116-117 (2005)

Huss-Marp, J., Lemmen, C., Behrendt, H.: Allergien gegen Duftstoffe. *Schriftenreihe des Instituts für Medizinische Mikrobiologie und Hygiene der Universität Lübeck ; Band 9, Mikrobielle allergische und toxische Verbindungen, Keller, R. et al. [Hrsg.], Lübeck : Schmidt-Römhild, 281-299 (2005)*

Hyppönen, E.* , Sovio, U.* , Wjst, M., Patel, S.* , Pekkanen, J.* , Hartikainen, A.-K.* , Järvelin, M.-R.*: Infant vitamin D supplementation and allergic conditions in adulthood : Northern Finland birth cohort 1966. *Ann. NY Acad. Sci.* 1037, 84-95 (2004)

Hysi, P.* , Klopp, N.: NOD1 variation, immunoglobulin E and asthma. *Hum. Mol. Genet.* 14, 935-941 (2005)

Icks, A.* , Haastert, B.* , Gandjour, A.* , John, J.* , Löwel, H., Holle, R., Giani, G.* , Rathmann, W.*: Cost-Effectiveness Analysis of Different Screening Procedures for Type 2 Diabetes. *Diabetes Care* 27, 2120-2128 (2005)

Icks, A.* , Rathmann, A.* , Haastert, B.* , John, J., Löwel, H., Holle, R., Giani, G.*: Cost-Effectiveness of Type 2 Diabetes Screening: Results from Recently Published Studies. *Gesundheitswesen* 67 (Sonderheft 1), 167-171 (2005)

Ikwaki, K.* et al. (11 Coauthors), Kronenberg, F.: Delayed in Vivo Catabolism of Intermediate-Density Lipoprotein and Low-Density Lipoprotein in Hemodialysis Patients as Potential Cause of Premature Atherosclerosis. *Artheroscler. Thromb. Basc. Biol.* 25, 2615-2622 (2005)

Illig, T., Bongardt, F., Schöpfer-Wendels, A., Huth, C., Heid, I., Rathmann, W.* , Martin, S.* , Vollmert, C., Holle, R., Thorand, B., Wichmann, E., Koenig, W.* , Kolb, H., Herder, C.: Genetics of Type 2 Diabetes: Impact of Interleukin-6 Gene Variants. *Gesundheitswesen* 67 (Sonderheft 1), 122-126 (2005)

Issels, R., Lindner, L.H.* , Schlemmer, M.* : Neoadjuvante Therapie und Hyperthermie bei Weichteilsarkomen. *TZM News* 5 (Mai), 1-4 (2005)

Issels, R.D., Hegewisch-Becker, S.* : Chemotherapie in Kombination mit Hyperthermie. *Internistische Onkologie: Standards in Diagnostik und Therapie. Teil 1: Epidemiologie, Tumorbioogie, Zytostatika, Prinzipien der Tumorthherapie, Supportive Maßnahmen*, Schmoll, H.-J. et al. [Hrsg.], Berlin : Springer, 1090-1108 (2005)

Issels, R.D.: Weichteilsarkome. *Medizinische Therapie 2005/2006*, Schölmerich, J. [Ed.], Berlin : Springer, 235-238 (2005)

Jablonski, M.M.* , Dalke, C., Wang, X.F.* , Lu, L.* , Manly, K.F.* , Pretsch, W., Favor, J., Pardue, M.T.* , Rinchik, E.M.* , Williams, R.W.* , Goldowitz, D.* , Graw, J.: An ENU-induced mutation in Rs1h causes disruption of retinal structure and function. *Mol. Vis.* 11, 569-581 (2005)

Jacob, P., Jacob, V., Meckbach, R., Romanov, S.A.* , Vasilenko, E.K.* : Analysis of lung cancer in Mayak Workers with a model of carcinogenesis. *GSF-Bericht 06/05, Proceedings of the 9. International Conference on Health Effects of Incorporated Radionuclides Emphasis on Radium, Thorium, Uranium and their Daughter Products. HEIR 2004*, Oeh, U. ; Roth, P. ; Paretzke, H.G. [Eds.], Neuherberg : GSF-Forschungszentrum mbH, 153-156 (2005)

Jacob, P., Meckbach, R., Ulanovski, A., Schotola, C., Pröhl, G.: Thyroid exposure of Belarusian and Ukrainian children due to the Chernobyl accident and resulting thyroid cancer risk. *GSF-Bericht 01/05*, Neuherberg : GSF-Forschungszentrum mbH, 72 S. ; mit Anhang (2005)

Jacob, P.: Lungenkrebsrisiko durch Radonexpositionen in Wohnungen. *StrahlenschutzPraxis* 11 (Heft 3), 30-32 (2005)

Jacob, P.: Schilddrüsenexposition ukrainischer und weißrussischer Kinder nach dem Tschernobylunfall und resultierendes Schilddrüsenkrebsrisiko. *Veröffentlichungen der Strahlenschutzkommission ; Band 56*, Bundesministerium für Umwelt, Naturschutz und Reaktorsicherheit [Hrsg.], : Urban & Fischer, 27-42 (2005)

Jacob, P.: Verteilung von Strahlenexpositionen in durch den Tschernobylunfall kontaminierten Gebieten. *Veröffentlichungen der Strahlenschutzkommission ; Band 55, Realistische Ermittlung der Strahlenexposition. Klausurtagung des Ausschusses "Radioökologie"*, : Urban & Fischer, 189-202 (2005)

Jacob, V., Jacob, P., Meckbach, R., Romanov, S.A.* , Vasilenko, E.K.* : Lung Cancer in Mayak workers: Interaction of smoking and plutonium exposure. *Radiat. Environ. Biophy.* 44, 119-129 (2005)

Jacobsen, K., Mahabir, E., Brielmeier, M., Wilhelm, P., Seidel, K.E.* , Schmidt, J.: Monitoring a mouse colony for *Helicobacter bilis* using a *Helicobacter*-genus-specific nested PCR. *Lab. Animal.* 39, 400-412 (2005)

Jahn, M.K.* , Haderlein, S.B.* , Meckenstock, R.U.: Anaerobic degradation of benzene, toluene, ethylbenzene and o-xylene in sediment-free iron-reducing enrichment cultures. *Appl. Environ. Microbiol.* 71, 3355-3358 (2005)

Jakupoglu, C., Przemec, G.K.H., Schneider, M., Moreno, S.G., Mayr, N., Hatzopoulos, A.K., Hrabé de Angelis, M., Wurst, W., Bornkamm, G.W., Brielmeier, M., Conrad, M.: Cytoplasmic thioredoxin reductase is essential for embryogenesis but dispensable for cardiac development. *Mol. Cell. Biol.* 25, 1980-1988 (2005)

Jaremko, M.* , Justenhoven, C.* , Abraham, B.K.* , Schroth, W.* , Fritz, P.* , Brod, S.* , Vollmert, C., Illig, T., Brauch, H.*: MALDI-TOF MS and TaqMan® assisted SNP genotyping of DNA isolated from formalin-fixed and paraffin-embedded tissues (FFPET). *Hum. Mutat.* 25, 232-238 (2005)

Jarvis, D.* , Heinrich, J., Wjst, M.: Change in prevalence of IgE sensitization and mean total IgE with age and cohort. *J. Allergy Clin. Immunol.* 116, 675-682 (2005)

Javorovic, M., Pohla, H., Frankenberger, B., Wölfel, T.* , Schendel, D.J.: RNA transfer by electroporation into mature dendritic cells leading to reactivation of effector-memory cytotoxic T lymphocytes : a quantitative analysis. *Mol. Ther.* 12, 734-743 (2005)

Jiang, X.* , Yediler, A., Yufang, S.* , Sun, T.* , Kettrup, A.: Effect of linear alkylbenzene sulphonate (LAS) on the mineralization, metabolism and uptake of ¹⁴C-phenanthrene in a model ecosystem (water-lava-plant-air). *Chemosphere* 61, 741-751 (2005)

Jiries, A.* , Rimawi, O.* , Lintemann, J., Batarseh, M.*: Polycyclic aromatic hydrocarbons (PAH) in top soil leachate and groundwater from Ruseifa solid waste landfill, Jordan. *Int. J. Environ. Pollut.* 23, 179-188 (2005)

John, J., Krauth, C.*: Verknüpfung von Primärdaten mit Daten der Gesetzlichen Krankenversicherung in gesundheitsökonomischen Evaluationsstudien : Erfahrungen aus zwei KORA-Studien. *Routinedaten im Gesundheitswesen : Handbuch Sekundärdatenanalyse: Grundlagen, Methoden und Perspektiven*, Swart, E. ; Ihle, P. (Hrsg.), Bern : Hans Huber Verl., 215-234 (2005)

Justenhoven, Ch.* , Vollmert, C., Illig, T.: One-Carbon Metabolism and Breast Cancer Risk: No Association of MTHFR, MTR and TYMS - Polymorphisms in the GENICA Study from Germany. *Cancer Epidemiol. Biomarkers Prev.* 14, 3015-3018 (2005)

Kääb, S.* , Pfeufer, A.: Global gene expression in human myocardium-oligonuclide microarray analysis of regional diversity and transcriptional regulation in heart failure. *J. Mol. Med.* 82, 308-316 (2004)

Kaffarnik, F., Heller, W., Hertkorn, N., Sandermann, H.: Flavonol 3-O-glycoside hydroxycinnamoyltransferases from Scots pine (*Pinus sylvestris* L.). *FEBS J.* 272, 1415-1424 (2005)

Kalies, H.* , Heinrich, J., Borte, M.* , Schaaf, B.* , von Berg, A.* , von Kries, R.* , Wichmann, H.-E., Bolte, G.: The effect of breastfeeding on weight gain in infants : results of a birth cohort study. *Eur. J. Med. Res.* 10, 36-42 (2005)

Kamm, C.* , Illig, T., Wichmann, H.-E.: The fragile X tremor ataxia syndrome in the differential diagnosis of multiple system atrophy : data from the EMSA study group. *Brain* 128, 1855-1860 (2005)

Kappler, M.* , Krauss-Etschmann, S., Diehl, V.* , Zeilhofer, H.* , Koletzko, S.*: Detection of secretory IgA antibodies against gliadin and human tissue transglutaminase in stool to screen for coeliac disease in children: validation study. *Brit. Med. J.* [332], [o.S.] (2006/2005)

Kasuga, T.* , Townsend, J.P.* , Tian, C.* , Gilbert, L.B.* , Mannhaupt, G., Taylor, J.W.* , Glass, N.L.*: Long-oligomer microarray profiling in *Neurospora crassa* reveals the transcriptional program underlying biochemical and physiological events of conidial germination. *Nucleic Acids Res.* 33, 6469-6485 (2005)

Kayser, G.* , Gerlach, U.* , Walch, A., Nitschke, R.* , Haxelmans, S.* , Kayser, K.* , Hopt, R.* , Werner, M.* , Lassmann, S.*: Numerical and structural centrosome aberrations are an early and stable event in the adenoma-carcinoma sequence of colorectal carcinomas. *Virchows Arch.* 447, 61-65 (2005)

Keck, L., Wittmaack, K.: Effect of filter type and temperature on volatilisation losses from ammonium salts in aerosol matter. *Atmos. Environ.* 39, 4093-4100 (2005)

Keck, L., Wittmaack, K.: Laboratory studies on the retention of nitric acid, hydrochloric acid and ammonia on aerosol filters. *Atmos. Environ.* 39, 2157-2162 (2005)

Keck, L., Wittmaack, K.: Adsorption of nitric acid hydrochloric acid and ammonia on cellulose acetate-nitrate filters. *European Aerosol Conference 2004. Vol. 1*, 305-306 (2004)

Kelly, G.K.*, Milner, A.E.*, Tierney, R.J.*, Croom-Carter, D.S.G.*, Altmann, M., Hammerschmidt, W., Bell, A.I.*, Rickinson, A.B.*: Epstein-barr virus nuclear antigen 2 (EBNA2) gene deletion is consistently linked with EBNA3A, -3B and -3C expression in burkitt's lymphoma cells and with increased resistance to apoptosis. *J. Virol.* 79, 10709-10717 (2005)

Kemming, G.*, Kisch-Wedel, H.*, Flondor, M.*, Hofstetter, C.*, Kreyling, W., Thein, E.*, Meisner, D.*, Bruhn, S.*, Zwissler, B.*: Improved ventricular function during inhalation of PGI₂ aerosol partly relies on enhanced myocardial contractility. *Eur. Surg. Res.* 37, 9-17 (2005)

Kempkes, B., Strobl, L.J., Bornkamm, G.W., Zimmer-Strobl, U.: EBNA-2 and Notch Signalling. *Epstein-Barr Virus*, Robertson, E.S., Norwich : Caister Academic Press, 778 S. (2005)

Kerner, M.J.*, Naylor, D.J.*, Ishihama, Y.*, Maier, T.*, Chang, H.-Ch.*, Stines, A.P.*, Georgopoulos, C.*, Frishman, D., Hayer-Hartl, M.*, Mann, M.*, Hartl, U.*: Proteome-wide analysis of chaperonin-dependent protein folding in *Escherichia coli*. *Cell* 122, 209-220 (2005)

Kim, Y.-M.*, Reed, W.*, Lenz, A.G., Jaspers, I.*, Silbajoris, R.*, Nick, H.S.*, Samet, J.M.*: Ultrafine carbon particles induce interleukin-8 gene transcription and p38 MAPK activation in normal human bronchial epithelial cells. *Am. J. Physiol. Lung Cell Mol. Physiol.* 288, 432-441 (2005)

Kirberg, J.*, Gschwendner, C., Dangy, J.-P.*, Ruckerl, F., Frommer, F.*, Bachl, J.: Proviral integration of an Abelson-murine leukemia virus deregulates BCLF-expression in the hypermutating pre-B cell line 18-81. *Mol. Immunol.* 42, 1235-1242 (2005)

Kirchner, M., Jakobi, G., Feicht, E., Bernhardt, M.*, Fischer, A.*: Elevated NH₃ and NO₂ air concentrations and nitrogen deposition rates in the vicinity of a highway in Southern Bavaria. *Atmos. Environ.* 39, 4531-4542 (2005)

Klaften, M., Hrabé de Angelis, M.: ARTS: a web-based tool for the set-up of high-throughput genome-wide mapping panels for the SNP genotyping of mouse mutants. *Nucleic Acids Res.* 33, 496-500 (2005)

Klein, C.*, Garcia-Rizo, C.*, Bisle, B.*, Scheffer, B.*, Zischka, H., Pfeiffer, F.*, Siedler, F.*, Oesterhelt, D.*: The membrane proteome of *Halobacterium salinarum*. *Proteomics* 5, 180-197 (2005)

Kleinschmidt, A., Erfle, V.: Impfungen gegen HIV - ein langer Weg. *Kliniker* 34, 337-341 (2005)

Klopp, N., Héon, E.*, Bellingsley, G.*, Illig, T., Wjst, M., Rudolph, G.*, Graw, J.: Further Genetic Heterogeneity for Autosomal Dominant Human Sutural Cataracts. *Ophtal. Res.* 35, 71-77 (2005)

Klot, S., Peters, A., Aalto, P.* , Bellander, T.* , Berglind, N.* , Hörmann, A., Kulmala, M.* , Löwel, H.: Ambient Air Pollution is Associated with Increased Risk of Hospital Cardiac Readmissions of Myocardial Infarction Survivors in Five European Cities. *Circulation* 112, 3073-3079 (2005)

Klotz, D.: Zusammenfassung des Workshops "Untersuchungen zur Sickerwasserprognose in Lysimetern", Neuherberg, Germany, 20.04.-21.04. 2004. 11. Gumpensteiner Lysimetertagung, 15-16 (2005)

Klotz, D.: Änderung des Wasserhaushaltes von Böden durch den prognostizierten globalen Wandel. 11. Gumpensteiner Lysimetertagung, 33-35 (2005)

Klotz, D.: Untersuchungen zur Variation physikalischer Parameter von sechs verschiedenen in die GSF-Lysimeteranlage Neuherberg eingebauten Böden. 11. Gumpensteiner Lysimetertagung, 179-181 (2005)

Klotz, D.: Vergleich von Labor- und Freilanduntersuchungen zur Quelltermbestimmung einer Hausmüllverbrennungssasche. 11. Gumpensteiner Lysimetertagung, 183-185 (2005)

Klymenko, S.* , Trott, K.* , Atkinson, M., Bink, K., Bebeshko, V.* , Bazyko, D.* , Dmytrenko, I.* , Abramenko, I.* , Bilous, N.* , Misurin, A.* , Zitzelsberger, H., Rosemann, A.: AML1 Gene Rearrangements and Mutations in Radiation-Associated Acute Myeloid Leukemia and Myeloidysplastic Syndromes. *J. Radiat. Res.* 46, 249-255 (2005)

Koch, W.* , Hoppmann, P.* , Michou, E.* , Jung, V.* , Pfeufer, A., Müller, J., Meitinger, T., Schömig, A.* , Kastrati, A.* : TaqMan assays for genotyping of single nucleotide polymorphisms present at a disease susceptibility locus on chromosome 6. *Clin. Chem. Lab. Med.* 43, 167-172 (2005)

Koch, W.* , Hoppmann, P.* , Pfeufer, A., Müller, J.C.* , Schömig, A.* , Kastrati, A.* : No replication of association between estrogen receptor alpha gene polymorphisms and susceptibility to myocardial infarction in a large sample of patients of European descent. *Circulation* 112, 2138-2142 (2005)

Kohl, T.M., Schnittger, S., Ellwart, J.W., Hiddemann, W.* , Spiekermann, K.: KIT exon 8 mutations associated with core-binding factor (CBF)-acute myeloid leukemia (AML) cause hyperactivation of the receptor in response to stem cell factor. *Blood* 105, 3391 (2005)

Kohlhuber, M.* , Mielck, A., Weiland, S.K.* , Bolte, G.* : Social status, perceived housing environment and self-rated health in Germany. 2. WHO International Housing and Health Symposium, 277-284 (2005)

Köllisch, G., Kalali, N.B.* , Voelcker, V.* , Wallich, R.* , Behrendt, H., Ring, J.* , Bauer, S.* , Jakob, T., Mempel, M., Ollert, M.* : Various members of the Toll-like receptor family contribute to the innate immune response of human epidermal keratinocytes. *Immunology* 114, 531-541 (2005)

Kompauer, I., Demmelmair, H.* , Koletzko, B.* , Bolte, G.* , Linseisen, J.* , Heinrich, J.: Association of fatty acids in serum phospholipids with hay fever, specific and total immunoglobulin E. *Brit. J. Nutr.* 93, 529-535 (2005)

König, J., Döring, A., Huth, C.: Charakterisierung von Personen mit sehr niedrigem Alkoholkonsum in der Region Augsburg. *Ernährungs-Umschau* 52, 84-89 (2005)

König, W.* , Meisinger, C., Baumert, J., Khuseyinova, N.* , Löwel, H.: Systematic low-grade inflammation and risk of coronary heart disease : Results from the MONICA/KORA Augsburg Cohort-Studies. *Gesundheitswesen* 67 (Sonderheft 1), 62-67 (2005)

- König, W.* , Meisinger, C., Löwel, H.: Epidemiologie koronarer Ereignisse bei Diabetes mellitus. Diabetes und Herz, Meinertz, T. et al., Darmstadt : Steinkopff, 1-12 (2004)
- Kormann, M.S.D.* , Carr, D.* , Illig, T., Leupold, W.* : G-protein-coupled receptor polymorphisms are associated with asthma in a large German population. Am. J. Respir. Crit. Care Med. 171, 1358-1362 (2005)
- Kowe, R.* , Mobbs, S.* , Pröhl, G., Bergstrom, U.* , Kanyar, B.* , Olyslægers, G.* , Zeevaert, T.* , Simon, I.* : Application of biosphere models in the BIOMOSA project: A comparative assessment of five European radioactive waste disposal sites. Radioprotection - Colloques, Vol.40, Suppl.1, Proceedings of the International Congress organized by IRS (ECORAD 2004), Barescut, J.C. ; Gariel, J.C. ; Péres, J.M.[Eds.], : EDP Sciences, 701-706 (2005)
- Kozovits, A.R.* , Matussek, R.* , Winkler, J.B., Göttlein, A.* , Blaschke, H.* , Grams, T.E.E.* : Above-ground space sequestration determines competitive success in juvenile beech and spruce trees. New Phytol. 167, 181-196 (2005)
- Kraft, M.* , Eikmann, T.* , Kappos, N.* , Künzli, N.* , Rapp, R.* , Schneider, K.* , Seitz, H.* , Voss, J.-U.* , Wichmann, H.-E.: The German view : effects of nitrogen dioxide on human health - derivation of health-related short-term and long-term values. Int. J. Hyg. Environ.-Health 208, 305-318 (2005)
- Krämer, P.M., Franke, A., Zherdev, A.V.* , Yazynina, E.V.* , Dzantiev, B.B.* : Comparison of two express immunotechniques with polyelectrolyte carriers, ELISA and FIAA, for the analyses of atrazine. Talanta 65, 324-330 (2005)
- Krämer, P.M., Kremmer, E., Weber, C.M.* , Ciomasu, I.M.* , Forster, S., Kettrup, A.: Development of new rat monoclonal antibodies with different selectivities and sensitivities for 2,4,6-trinitrotoluene (TNT) and other nitroaromatic compounds. Anal. Bioanal. Chem. 382, 1919-1933 (2005)
- Krämer, U.* , Möhrenschrager, M.* , Weidinger, S.* , Schäfer, T.* , Ring, J.* , Behrendt, H.: Ekzem und Atopie bei sechsjährigen Mädchen und Jungen aus Deutschland. Allergo J. 14, 118-119 (2005)
- Krämer, U.* , Weidinger, S.* , Darsow, U.* , Möhrenschläger, M.* , Ring, J.* , Behrendt, H.: Seasonality in symptom severity influenced by temperature or grass pollen : results of a panel study children with eczema. J. Invest. Dermatol. 124, 514-523 (2005)
- Kramer-Hämmerle, S., Ceccherini-Silberstein, F., Bickel, Ch., Wolff, H., Vincendeau, M., Werner, T.* , Erfle, V., Brack-Werner, R.: Identification of a novel Rev-interacting cellular protein. BMC Cell Biology 6, noch unpaginiert (2005)
- Kramer-Hämmerle, S., Hahn, A.* , Brack-Werner, R., Werner, T.* : Elucidating effects of long-term expression of HIV-1 Nef on astrocytes by microarray, promoter, and literature analyses. Gene 358, 31-38 (2005)
- Kramer-Hämmerle, S., Rothenaigner, I., Wolff, H., Bell, J.E.* : Cells of the central nervous system as targets and reservoirs of the human immunodeficiency virus. Virus Res. 111, 194-213 (2005)
- Krauss-Etschmann, S.* , Gruber, R.* , Plikat, K.* , Antoni, I.* , Demmelmair, H.* , Reinhardt, D.* , Koletzko, S.* : Increase of antigen-presenting cells in the gastric mucosa of Helicobacter pylori-infected children. Heliobacter 10, 214-222 (2005)
- Krauth, C.* , Hessel, F.* , Hansmeier, T.* , Wasem, J.* , Seitz, R.* , Schweikert, B.: Empirische Bewertungssätze in der gesundheitsökonomischen Evaluation - ein Vorschlag der AG Methoden der gesundheitsökonomischen Evaluation (AG MEG). Gesundheitswesen 67, 736-746 (2005)

Krauth, C.*, Hessel, F.*, Klingelhöfer, H.E.*, Schweikert, B., Hansmeier, T.*, Wasem, J.*:
Gesundheitsökonomische Evaluation von Rehabilitationsprogrammen im Förderschwerpunkt
Rehabilitationswissenschaften. *Rehabilitation* 44, e46-e56 (2005)

Kreyling, W.: *Nanomedicine : An ESF-European Medical Councils (EMRC) forward look report 2005.* ,
Strasbourg : IREG, 48 S. (2005)

Kreyling, W.G., Semmler, M., Möller, W.: Ultrafeine Aerosole und Nanopartikel. *Atemw.-Lungenkrkh.* 31, 411-419 (2005)

Kreyling, W.G., Semmler, M., Möller, W.: Ultrafeine Aerosole und Nanopartikel. *Aerosole in der Inhalationstherapie IX*, Voshaar, T. ; Scheuch, G. [Hrsg.], München : Dustri-Verl., 95-112 (2005)

Kriegeskorte, A.K., Schiemann, M., Huster, K.M., Busch, D.H.: NKG2D-independent suppression of T cell proliferation by H60 and MICA. *Proc. Natl. Acad. Sci.* 102, 11805-11810 (2005)

Kristan, K.*, Deluca, D., Adamski, J., Stojan, J.*, Lanisnik Rizner, T.*: Dimerization and enzymatic activity of fungal 17 β -hydroxysteroid dehydrogenase from the short-chain dehydrogenase/reductase superfamily. *BMC Biochemistry* 6 (2005)

Kristan, K.*, Kovacic, B.*, Adamski, J., Rizner, T.L.*: Further insight into the structural basis of coenzyme and substrate specificity of fungal 17 β -hydroxysteroid dehydrogenase. *Enzymology and Molecular Biology of Carbonyl Metabolism-12*, Weiner, H. et al. [Eds.], West Lafayette, Indiana : Purdue University Press, 352-359 (2005)

Kristan, K.*, Stojan, J.*, Möller, G., Adamski, J., Rizner, T.L.*: Coenzyme specificity in fungal 17 β -hydroxysteroid dehydrogenase. *Mol. Cell. Endocrinol.* 241, 80-87 (2005)

Kschischko, M.*, Kern, R.*, Gieger, Ch., Steinhauser, M.*, Tolle, R.*: Automatic Scoring and Quality Assessment Using Accuracy Bounds for FP-TDI SNP Genotyping Data. *Appl. Bioinformatics* 4, 75-84 (2005)

Kuch, B.*, Schunkert, H.*, Muscholl, M.*, Döring, A., von Scheidt, W.*, Hense, H.-W.*: Verteilung, Determinanten und Referenzwerte linksventrikulärer Parameter in der Allgemeinbevölkerung - Resultate der MONICA/KORA-Echokardiographiestudien. *Gesundheitswesen* 67 (Sonderheft 1), 68-73 (2005)

Kufner, S.*, Pelka Fleischer, R.*, Kröll, T.*, Schmid, C.*, Zitzelsberger, H., Salih, H.*, Valle, F. de*, Treder, W.*, Schmetzer, H.M.*: Serum-free generation and quantification of functionally active Leukemia-derived DC is possible from malignant blasts in acute myeloid leukemia and myelodysplastic syndromes. *Cancer Immunol. Immun.* 54, 953-970 (2005)

Kühn, R., Wurst, W.: *Mouse mutagenesis and gene function. Encyclopedia of Genetics, Genomics, Proteomics and Bioinformatics. Part 2. Genomics*, Chichester : John Wiley & Sons, 1-14 (2005)

Kunst, A.E.* et al. (15 Coauthors), Mielck, A.: Trends in socioeconomic inequalities in self-assessed health in 10 European countries. *Int. J. Epidemiol.* 34, 295-305 (2005)

Kupatt, Ch.*, Horstkotte, J.*, Vlastos, G., Posser, A.*, Lebherz, C.*, Semisch, M., Thalgott, M.*, Büttner, K.*, Browarzyk, Ch.*, Mages, J.*, Hoffmann, R.*, Deten, A.*, Lamparter, M., Müller, F., Beck, H., Büning, H.*, Boekstegers, P.*, Hatzopoulos, A.: Embryonic endothelial progenitor cells expressing a broad range of proangiogenic and remodeling factors enhance vascularization and tissue recovery in acute and chronic ischemia. *FASEB J.* 20 (publ.online july 2005), [o.S.] (2005)

Kurschus, F.C.* , Bruno, R.* , Fellows, E.* , Falk, C.S., Jenne, D.E.*: Membrane receptor are not required to deliver granzyme B during killer cell attack. *Blood* 105, 2049-2058 (2005)

Kwan, K.M.* , Li, A.G.* , Wang, X.-J.* , Wurst, W., Behringer, R.R.*: Essential roles of BMPR-IA signaling in differentiation and growth of hair follicles and in skin tumorigenesis. *Genesis* 39, 10-25 (2004)

Ladwig, K.-H., Baumert, J., Löwel, H., Döring, A., Wichmann, H.-E.: Contemplating to quit current smoking status: differences in behavioural and psychosocial patterns in a population-based cohort of current smokers. *Prev. Med.* 41, 134-140 (2005)

Ladwig, K.-H., Deisenhofer, I.* , Simon, H., Schmitt, C.* , Baumert, J.J.: Characteristics associated with low treatment satisfaction in patients with implanted cardioverter defibrillators : Results from the LICAD study. *PACE* 28, 506-513 (2005)

Ladwig, K.-H., Marten-Mittag, B.* , Löwel, H., Döring, A., König, W.*: C-reactive protein, depressed mood, and the prediction of coronary heart disease in initially healthy men: results from the MONICA-KORA Augsburg Cohort Study 1984-1998. *Eur. Heart J.* 26, 2537-2542 (2005)

Ladwig, K.-H., Marten-Mittag, B., Baumert, J.: Psychosoziale Belastungsfaktoren als Risiko für das Auftreten einer koronaren Herzerkrankung - eine Bestandsaufnahme unter besonderer Berücksichtigung der KORA-Forschungsplattform. *Gesundheitswesen* 67 (Sonderheft 1), 86-93 (2005)

Lamina, C., Meisinger, C., Heid, I.M., Rantner, B.* , Döring, A., Löwel, H., Wichmann, H.-E., Kronenberg, F.: Ankle-Brachial index and peripheral arterial disease. *Gesundheitswesen* 67 (Sonderheft 1), 57-61 (2005)

Lamina, C., Steffens, M.* , Müller, J., Lohmussaar, E., Meitinger, T., Wichmann, H.E.: Genetic Diversity in German and European Populations: Looking for Substructures and Genetic Patterns. *Gesundheitswesen* 67 (Sonderheft 1), 127-131 (2005)

Langer, S., Geigl, J.B.* , Gangnus, R.* , Speicher, M.R.: Sequential application of interphase-FISH and CGH to single cells. *Lab. Invest.*, 1-11 (2005)

Langer, S., Geigl, J.B., Ehnle, S.* , Gangnus, R.* , Speicher, M.R.: Live cell catapulting and recultivation does not change the karyotype of HCT116 tumor cells. *Cancer Genet. Cytogenet.* 161, 174-177 (2005)

Lasser, R.: Discrete commutative hypergroups. *Advances in the Theory of Special Functions and Orthogonal Polynomials ; Vol. 2, Inzell Lectures on Orthogonal Polynomials*, zu Castell, W. ; Filbir, F. ; Forster, B. [Eds.], : Nova Science Publ., 55-102 (2005)

Laternus, F.* , Fahimi, I.* , Gryndler, M.* , Hartmann, A., Heal, M.* , Matucha, M.* , Schöler, H.F.* , Schroll, R., Svensson, T.*: Natural formation and degradation of chloroacetic acids and volatile organochlorines in forest soil: Challenges to understanding. *Environ. Sci. Pollut. Res.* 12, 233-244 (2005)

Latza, U.* , Hoffmann, W.* , Terschüren, C.* , Chang-Claude, J.* , Kreuzer, M.* , Schaffrath, R.A., Kropp, A.* , Stang, A.* , Ahrens, W.* , Lampert, T.*: Erhebung, Quantifizierung und Analyse der Rauchexposition in epidemiologischen Studien. , Robert-Koch-Institut, 84 S. (2005)

Lederbogen, F., Deuschle, M.: Dysfunktion des Hypothalamus-Hypophysen-Nebennierenrinden-Systems-Hintergrundvariable relevanter kardiovaskulärer Risikofaktoren? *Gesundheitswesen* 67 (Sonderheft 1), 94-97 (2005)

Lee, M.S., Faller, Th., Kreuzer, P.E., Csanády, G.A., Putz, C., Rios-Blanco, M.N.*, Pottenger, L.H.*, Segerbäck, D.*, Osterman-Golkar, S.*, Swenberg, J.A.*, Filser, J.G.: Propylene oxide in blood and soluble non-protein thiols in nasal mucosa and other tissues of male fischer 344/N rats exposed to propylene oxide vapors - relevance of glutathione depletion for propylene oxide induced rat nasal tumors. *Toxicol. Sci.* 83, 177-189 (2005)

Lei, C.*, Zimmermann, R., Kettrup, A., Haizhou, W.*: Investigation of combustion/pyrolysis behavior of polyvinyl chloride materials by on-line single photon ionization/resonance enhanced multi-photon ionization-time of flight mass spectrometry. *Chinese J. Anal. Chem.* 32, 699-704 (2004)

Leidl, R., Felder, S.*: Morbiditätsorientierter Risikostrukturausgleich und Versorgungseffizienz. *Recht und Politik im Gesundheitswesen* 1, 10-19 (2005)

Leidl, R.: Navigating the German regulatory maze. *BioExecutive Int.* Okt.2005, 44-47 (2005)

Lengerke, T. von, Happich, M., Reitmeir, P., John, J.: Utilization of Out- and Inpatient Health Services by Obese Adults: a Population-Based Study in the Augsburg Region, Germany. *Gesundheitswesen* 67 (Sonderheft 1), 150-157 (2005)

Lengerke, T. von: Distinctiveness of disease prototypes in lay illness diagnosis : An exploratory observational study. *Psychol. Health Med.* 10, 108-121 (2005)

Lengler, J.*, Tobias Bittner, Münster, D., Gawad, A.*, Graw, J.: Agonistic and Antagonistic Action of AP2, Msx2, Pax6, Prox1 and Six3 in the Regulation of Sox2 Expression. *Ophthalmic Res.* 37, 301-309 (2005)

León, L.L.*, Ostronoff, L.K., Fermin, M.L.*, Fragio, C.*, Kremmer, E., Kolb H.-J., Tejero, C.: In vitro generation of mature neutrophils from canine Lin- bone marrow cells. *Vet. Immunol. Immunop.* 107, 41-50 (2005)

Li, W.B., Roth, P., Wahl, W., Oeh, U., Höllriegel, V., Paretzke, H.G.: Biokinetic modeling of uranium in man after injection and ingestion. *Radiat. Environ. Bioph.* 44, 29-40 (2005)

Lickert, H., Cox, B.*, Wehrle, C.*, Taketo, M.M.*, Kemler, R.*, Rossant, J.*: Dissecting Wnt/ β -catenin signaling during gastrulation using RNA interference in mouse embryos. *Development* 132, 2599-2609 (2005)

Lie, D.-Ch., Colamarino, S.A.*, Song, H.-J.*, Désiré, L.*, Mira, H.*, Consiglio, A.*, Lein, E.S.*, Jessberger, S.*, Lansford, H.*, Dearie, A.R.*, Gage, F.H.*: Wnt signalling regulates adult hippocampal neurogenesis. *Nature* 437, 1370-1375 (2005)

Likhtarov, I.*, Kovgan, L.*, Vavilov, S.*, Chepurny, M.*, Bouville, A.*, Luckyanov, N.*, Jacob, P., Voillequé, P.*, Voigt, G.*: Post-Chernobyl thyroid cancers in Ukraine. Report 1: Estimation of thyroid doses. *Radiat. Res.* 163, 125-136 (2005)

Linde, A.L.*, Klein, D.*, Summer, K.H.: Phenomenon of hepatic overload of copper in *Mugil cephalus* : role of metallothionein and patterns of copper cellular distribution. *Basic Clin. Pharmacol. Toxicol.* 97, 230-235 (2005)

Lindermayr, C., Saalbach, G.*, Durner, J.: Proteomic identification of S-nitrosylated proteins in *Arabidopsis*. *Plant Physiol.* 137, 921-930 (2005)

Lindner, L.H., Reinl, H.M.*, Schlemmer, M.*, Stahl, R.*, Peller, M.*: Paramagnetic thermosensitive liposomes for MR-thermometry. *Int. J. Hyperther.* 21, 575-588 (2005)

Lintelmann, J., Fischer, K., Karg, E., Schröppel, A.: Determination of selected polycyclic aromatic hydrocarbons and oxygenated polycyclic aromatic hydrocarbons in aerosol samples by high-performance liquid chromatography and liquid chromatography-tandem mass spectrometry. *Anal. Bioanal. Chem.* 381, 508-519 (2005)

Loeffler, C.*, Berger, S.*, Guy, A.*, Durand, T.*, Bringmann, G.*, Dreyer, M.*, von Rad, U., Durner, J., Mueller, M.J.*: B1-phytoprostanes trigger plant defense and detoxification responses. *Plant Physiol.* 137, 328-340 (2005)

Löhmussaar, E.*, Gschwendtner, A.*, Mueller, J.C., Org, T.*, Wichmann, H.-E., Hamann, G.*, Meitinger, T., Dichgans, M.*: ALOX5AP gene and the PDE4D gene in a central European population of stroke patients. *Stroke* 36, 731-736 (2005)

Lötscher, M.*, Gayler, S.: Contribution of current photosynthates to root respiration of non-nodulated *Medicago sativa* : effects of light and nitrogen supply. *Plant Biol.* 7, 601-610 (2005)

Löwel, H., Döring, A., Schneider, A., Heier, M., Thorand, B., Meisinger, C.: The MONICA Augsburg Surveys - Basis for Prospective Cohort Studies. *Gesundheitswesen* 67 (Sonderheft 1), 13-18 (2005)

Löwel, H., Heier, M., Hörmann, A., Meisinger, Ch.: Koronare Herzkrankheiten bei Männern und Frauen: Die epidemiologische Perspektive. *Praxis Klinische Verhaltensmedizin und Rehabilitation* 70, 226-231 (2005)

Löwel, H., Heier, M., Meisinger, C., Gostomzyk, J., Hörmann, A.: Die Epidemiologie des plötzlichen Herztodes. Das NAW-Buch: Akutmedizin der ersten 24 Stunden, Madler, C. et al. (Hrsg.), München : Urban & Fischer, 391-399 (2005)

Löwel, H., Holle, R., Wichmann, H.-E.: MONICA/KORA : Surveys, Kohorten und ein Register. *Public Health Forum* 13 (Heft 47), 13-14 (2005)

Löwel, H., Meisinger, C., Heier, M., Hörmann, A.: The Population-Based Acute Myocardial Infarction (AMI) Registry of the MONICA/KORA Study Region Augsburg. *Gesundheitswesen* 67 (Sonderheft 1), 31-37 (2005)

Loy, A.*, Beisker, W., Meier, H.*: Diversity of bacteria growing in natural mineral water after bottling. *Appl. Environ. Microbiol.* 71, 3624-3632 (2005)

Loy, A.*, Schulz, C.*, Lücker, S.*, Schöpfer-Wendels, A., Stöcker, K.*, Lehner, A.*, Wagner, M.*: 16S rRNA gene-based oligonucleotide microarray for environmental monitoring of the betaproteobacterial order "Rhodocyclales". *Appl. Environ. Microb.* 71, 1373-1386 (2005)

Lu, Y.*, Lueders, T., Friedrich, M.W.*, Conrad, R.*: Detecting active methanogenic populations on rice roots using stable isotope probing. *Environ. Microbiol.* 7, 326-336 (2005)

Lüders, T.: Phylogenetische Zuordnung von mikrobiologischen Abbauleistungen über den Einbau stabiler Isotope in Nukleinsäuren. Perspektiven molekularer und isotopischer Methoden zum Nachweis des natürlichen Schadstoffabbaus in Böden. *Workshop*, 7-10 (2005)

- Ludwig, H.* , Mages, J.* , Staib, C., Lehmann, M.H., Lang, R.* , Sutter, G.: Role of viral factor E3L in modified vaccinia virus Ankara infection of human HeLa cells : regulation of the virus life cycle and identification of differentially expressed host genes. *J. Virol.* 79, 2584-2596 (2005)
- Lukowicz, T.v.* , Fischer, M.* , Hense, H.W.* , Döring, A., Stritzke, J.* , Riegger, G.* , Schunkert, H.* , Luchner, A.* : BNP as a marker dysfunction in the general population : Importance of left ventricular hypertrophy. *Eur. J. Heart Fail.* 7, 525-531 (2005)
- Lütz, C.* , Navakoudis E.* , Seidlitz, H.K., Kotzabasis, K.* : Simulated solar irradiation with enhanced UV-B adjust plastid- and thylakoid-associated polyamine changes for UV-B protection. *BBA-Bioenergetics* 1710, 24-33 (2005)
- Lütz, C.* , Schönauer, E., Neuner, G.* : Physiological Adaptation before and after Snow Melt in Green Overwintering Leaves of some Alpine Plants. *Phyton* 45, 139-156 (2005)
- Lux, Ch., Albiez, H.* , Chapman, R.D., Heidinger, M., Meininghaus, M., Brack-Werner, R., Lang, A., Ziegler, M., Cremer, T., Eick, D.: Transition from initiation to promoter proximal pausing requires the CTD of RNA polymerase II. *Nucleic Acids Res.* 33, 5139-5144 (2005)
- Mack, M.* , Schneider, M.A.* , Moll, C.* , Cihak, J.* , Brühl, H.* , Ellwart, J.W., Hogarth, M.P.* , Stangassinger, M.* , Schlöndorff, D.* : Identification of antigen-capturing cells as basophils. *J. Immunol.* 174, 735-741 (2005)
- MacPhee, Ross de* , Tikhonov, A.N.* , Mol, D.* , Greenwood, A.D.: Late quaternary loss of genetic diversity in muskox (Ovibos). *BMC Evol. Biol.* 5, 1-13 (2005)
- Maekawa, M.* , Okamura, T.* , Kasai, N.* , Hori, Y.* , Summer, K.H., Konno, R.* : D-Amino-acid Oxidase Is Involved in D-Serine-Induced Nephrotoxicity. *Chem. Res. Toxicol.* 18, 1678-1682 (2005)
- Maier, H., Döhr, S., Grote, K., O'Keeffe, S., Werner, T., Hrabé de Angelis, M., Schneider, R.: LitMiner and WikiGene : identifying problem-related key players of gene regulation using publication abstracts. *Nucleic Acids Res.* 33, 779-782 (2005)
- Maier, S., Santak, M., Mantik, A., Grabusic, K., Kremmer, E., Hammerschmidt, W., Kempkes, B.: A somatic knockout of CBF1 in a human B-cell line reveals that induction of CD21 and CCR7 by EBNA-2 is strictly CBF1 dependent and that downregulation of immunoglobulin M is partially CBF1 independent. *J. Virol.* 79, 8784-8792 (2005)
- Mallén, G.* , Maloszewski, P., Flynn, R.* , Rossi, B.* , Engel, M., Seiler, K.-P.: Determination of bacterial and viral transport parameters in a gravel aquifer assuming linear kinetic sorption and desorption. *J. Hydrol.* 306, 21-36 (2005)
- Mallén, G.* , Trettin, R.* , Gehre, M.* , Flynn, R.* , Grischek, T.* , Nestler, W.* : Influence of upwelling Zechstein sulphate on the concentration and isotope signature of sedimentary sulphides in a fluvio-glacial sand aquifer. *Appl. Geochem.* 20, 261-274 (2005)
- Maloszewski, P., Büttner, G.* , Apel, R.* , Krafft, H.* , Scholz, M.* , Wagner, B.* : Quantitative evaluation of tracer experiments in alpine karst and porous aquifers in the Berchtesgaden National Park. *Landschaftsökol. Umweltforsch.* 48, 11-18 (2005)
- Mancao, Ch., Altmann, M., Jungnickel, B., Hammerschmidt, W.: Rescue of "crippled" germinal center B cells from apoptosis by Epstein-Barr virus. *Blood* 106, 4339-4344 (2005)

Manson, J.* , Favor, J.B.: NTP-CERHR expert panel report on the reproductive and developmental oxicity of acrylamide. *Birth Defects Res. B* 74, 17-113 (2005)

Marquart, K.-H.: Occurrence of tubuloreticular structures and intracisternal paracrystalline inclusions in endothelial cells of tissue from different epidemiological types of Kaposi's sarcoma. *Ultrastruct. Pathol.* 29, 85-93 (2005)

Massberg, S.* , Schurzinger, K.* , Lorenz, M.* , Konrad, I.* , Schulz, C.* , Plesnila, N.* , Kennerknecht, E.* , Rudelius, M.* , Sauer, S.* , Braun, S.* , Kremmer, E.: Platelet Adhesion via Glycoprotein IIb Integrin is Critical for Atheroprogession and Focal Cerebral Ischemia. *Circulation* 112, 1180-1188 (2005)

Matyssek, R.* , Agerer, R.* , Oßwald, W.* , Pretzsch, H.* , Priesack, E., Schnyder, H.* , Treutter, D.*: The Plant's Capacity in Regulating Resource Demand. *Plant Biol.* 7, 560-580 (2005)

Matyssek, R.* , Schnyder, H.* , Munch, J.-C., Oßwald, W.* , Pretzsch, H.* , Treutter, D.*: Resource allocation in plants - the balance between resource sequestration and retention. *Plant Biol.* 7, 557-559 (2005)

Mayer, B.* , Döring, A., Löwel, H.: Association of the T8590C polymorphism of CYP4A11 with hypertension in the MONICA Augsburg echocardiographic substudy. *Hypertension* 46, 766-771 (2005)

Mayr, Ch., Kofler, D.M.* , Büning, D., Bund, D., Hallek, M.* , Wendtner, C.-M.*: Transduction fo CLL cells by CD40 ligand enhances an antigen-specific immune recognition by autologous T cells. *Blood* 106, 3223-3226 (2005)

McWalter, E.J.* , Wirth, W.* , Siebert, M., von Eisenharth-Rothe, R.M.O.* , Hudelmaier, M.* , Wilson, D.R.* , Eckstein, F.*: Use of novel interactive input devices for segmentation of articular cartilage from magnetic resonance images. *Osteoarthr. Cartilage* 13, 48-53 (2005)

Meiring, J.J.* , Borm, P.J.A.* , Bagate, K.* , Semmler, M., Seitz, J., Takenaka, S., Kreyling, W.G.: The influence of hydrogen peroxide and histamine on lung permeability and translocation of iridium nanoparticles in the isolated perfused rat lung. *Particle Fibre Toxicol.* 2, 2-13 (2005)

Meisinger, C.* , Baumert, J., Khuseyinova, N.* , Löwel, H., Koenig, W.*: Plasma oxidized low-density lipoprotein, a strong predictor for acute coronary heart disease events in apparently healthy, middle-aged men from the general population. *Circulation* 112, 651-657 (2005)

Meisinger, C.* , Döring, A., Heier, M., Thorand, B., Löwel, H.: Type 2 Diabetes Mellitus in Augsburg - an Epidemiological Overview. *Gesundheitswesen* 67 (Sonderheft 1), 103-109 (2005)

Meisinger, C.* , Heier, M., Döring, A., Thorand, B., Löwel, H.: Prevalence of known diabetes and antidiabetic therapy between 1984/1985 and 1999/2001 in Southern Germany. *Diabetes Care* 27, 2985-2987 (2005)

Meisinger, C.* , Heier, M., Löwel, H.: Sleep disturbance as a predictor of type 2 diabetes mellitus in men and woman from the general population. *Diabetologia* 48, 235-241 (2005)

Meisinger, C.* , Löwel, H., Heier, M., Schneider, A., Thorand, B.: Serum g-glutamyltransferase and risk of type 2 diabetes mellitus in men and women from the general population. *J. Int. Med.* 258, 527-535 (2005)

Meisinger, C.* , Löwel, H., Mraz, W.* , König, W.*: Prognostic value of apolipoprotein B and A-I in the prediction of myocardial infarction in middle-aged men and women : results from the MONICA/KORA Augsburg cohort study. *Eur. Heart J.* 26, 271-278 (2005)

Meisinger, C.* , Löwel, H., Thorand, B., Döring, A.: Leisure time physical activity and the risk of type 2 diabetes in men and woman from the general population : The MONICA/KORA Augsburg Cohort Study. *Diabetologia* 48, 27-34 (2005)

Meisinger, C.* , Löwel, H.: Störungen des Zuckerstoffwechsels - ein wachsenden bevölkerungsmedizinisches Problem. *LZG-Gesund in Bayern März/April*, 4-5 (2005)

Menzel, M.* , Muellinger, B.* , Weber, N., Häussinger, K., Ziegler-Heitbrock, L.: Inhalative vaccination with pneumococcal polysaccharide in healthy volunteers. *Vaccine* 23, 5113-5119 (2005)

Meyer, H., Tholen, M.: Strahlenschutz und Umgebungsüberwachung im Bereich der Schachanlage Asse : Jahresbericht 2003. *GSF-Bericht 04/04*, Remlingen : Forschungsbergwerk Asse, 40 S. (2004)

Meyer, H., Wanka, T.: Strahlenschutz und Umgebungsüberwachung im Bereich der Schachanlage Asse : Jahresbericht 2004. *GSF-Bericht 04/05*, Neuherberg : GSF-Forschungszentrum mbH, 40 S. (2005)

Meyer, R.G.* , Drexler, I., Sutter, G., Jakob, T.: A phase I vaccination study with tyrosinase in patients with stage II melanoma using recombinant modified vaccinia virus Ankara (MVA-hTyr). *Cancer Immunol. Immunother.* 54, 453-467 (2005)

Michalke, B. [Ed.]: Second International Symposium on Trace Elements and Minerals in Medicine and Biology. *J. Trace Elem. Med. Biol.* 19, 116 S. (2005)

Michalke, B., Caroli, S.* : Speciation of trace elements. *Essentials of Medical Geology: Impacts of the Natural Environment on Public Health*, Selinus, O. et al. [Ed.], Amsterdam : Elsevier, 609-630 (2005)

Michalke, B., Schramel, P.: Third international conference on trace element speciation in biomedical, nutritional and environmental sciences. *Anal. Bioanal. Chem.* 381, 394-396 (2005)

Michalke, B., Schramel, P.: Quality adopted throughout speciation : report on the third international conference on trace element speciation in biomedical, nutritional and environmental sciences. *Trends Anal. Chem.* 23, 15-18 (2004)

Michalke, B.: Capillary electrophoresis-inductively coupled plasma-mass spectrometry : A report on technical principles and problem solutions, potential and limitations of this technology as well as on examples of application. *Electrophoresis* 26, 1584-1597 (2005)

Mielck, A., Helmert, U.* : Die Reform der gesetzlichen Krankenversicherung: Akzeptanz bei verschiedenen Einkommensgruppen. *Gesundheitsmonitor : Die ambulante Versorgung aus Sicht von Bevölkerung und Ärzteschaft*, Böcken, J. et al. [Hrsg.], Gütersloh : Bertelsmann Stiftung, 99-119 (2005)

Mielck, A., Huber, C.A.: Einkommensverluste durch den Empfang von Krankengeld - Wann macht Krankheit arm? *Gesundheitswesen* 67, 587-593 (2005)

Mielck, A., Reisig, V., Rathmann, W.* : Health inequalities among persons with type 2 diabetes : the example of intermittent claudication. *Gesundheitswesen* 67 (Sonderheft 1), 137-143 (2005)

Mielck, A.: Gesundheitliche Ungleichheit : Chancen über Verringerung durch bessere Vernetzung von Sozialer Arbeit und Sozial-Epidemiologie. *Soziale Arbeit im öffentlichen Raum: Soziale Gerechtigkeit in der Gestaltung des Sozialen*, Wiesbaden : VS Verlag für Sozialwissenschaften, CD-ROM (2005)

Mielck, A.: Armut und Gesundheit bei Kindern und Jugendlichen : Wie gross ist das Problem? K 3 "Magazin des Kreisjugendring München-Stadt" 8, 11-13 (2005)

Mielck, A.: Arbeitslosigkeit und Armut : Soziale Bedingungen der notfallmedizinischen Versorgung. Das NAW-Buch: Akutmedizin der ersten 24 Stunden, Madler, C. et al. [Hrsg.], München : Urban & Schwarzenberg, 1113-1124 (2005)

Mielck, A.: Soziale Ungleichheit und Gesundheit : Einführung in die aktuelle Diskussion. , Bern : Huber, 112 S. (2005)

Mijalski, T., Harder, A.*, Kersten, M.*, Horsch, M., Strom, T.M., Liebscher, H.V., Lottspeich, F.*, Hrabé de Angelis, M., Beckers, J.: Identification of coexpressed gene clusters in a comparative analysis of transcriptome and proteome in mouse tissues. *Proc. Natl. Acad. Sci.* 102, 8621-8626 (2005)

Milani, V., Frankenberger, B., Heinz, O., Brandl, A., Ruhland, S., Issels, R.D., Nössner, E.: Melanoma-associated antigen tyrosinase but not Melan-A/MART-1 expression and presentation dissociate during the heat shock response. *Int. Immunol.* 17, 257-268 (2005)

Miltner, A.*, Kopinke, F.-D.*, Kindler, R.*, Selesi, D., Hartmann, A., Kästner, M.*: Non-phototrophic CO₂ fixation by soil microorganisms. *Plant Soil* 269, 193-203 (2005)

Mindnich, R., Haller, F., Halbach, F., Möller, G., Hrabé de Angelis, M., Adamski, J.: Androgen metabolism via 17 β -hydroxysteroid dehydrogenase type 3 in mammalian and non-mammalian vertebrates : comparison of the human and the zebrafish enzyme. *J. Mol. Endocrinol.* 35, 305-316 (2005)

Mitschke, S., Adam, T.*, Streibel, T.*, Baker, R.R.*, Zimmermann, R.: Application of time-of-flight mass spectrometry with laser-based photoionization methods for time-resolved on-line analysis of mainstream cigarette smoke. *Anal. Chem.* 77, 2288-2296 (2005)

Möbius, C.*, Stein, H.J.*, Spieß, C.*, Becker, I., Feith, M.*, Theisen, J.*, Gais, P., Jütting, U., Siewert, J.R.*: COX2 expression, angiogenesis, proliferation and survival in Barrett's cancer. *Eur. J. Surg. Oncol.* 31, 755-759 (2005)

Möller, W., Brown, D.M.*, Kreyling, W.G., Stone, V.*: Ultrafine particles cause cytoskeletal dysfunctions in macrophages : role of intracellular calcium. *Particle Fibre Toxicol.* 2, 1-12 (2005)

Möller, W., Häußinger, K.*, Kreyling, W.G., Scheuch, G.*: Partikelclearance aus dem menschlichen Atemtrakt. *Atemw.-Lungenkrkh.* 31, 342-351 (2005)

Möller, W., Häußinger, K.*, Winkler-Heil, R.*, Stahlhofen, W., Meyer, T.*, Hofmann, W.*, Heyder, J.: Mucociliary and long-term particle clearance in the airways of healthy nonsmoker subjects. *J. Appl. Physiol.* 97, 2200-2206 (2004)

Möller, W., Takenaka, S., Buske, N.*, Felten, K., Heyder, J.: Relaxation of ferromagnetic nanoparticles in macrophages : In vitro and in vivo studies. *J. Magn. Magn. Mater.* 293, 245-251 (2005)

Montesinus-Rongen, M.*, Schmitz, R.*, Courts, C.*, Stenzel, W.*, Bechtel, D.*, Blümcke, I.*, Reifenberger, G.*, von Deimling, A.*, Jungnickel, B., Wiestler, O.D.*, Küppers, R.*, Deckert, M.*: Absence of immunoglobulin class switch in primary lymphomas of the central nervous system. *Am. J. Pathol.* 166, 1773-1779 (2005)

Moores, B.M.*, Mattsson, S.*, Mansson, L.G.*, Panzer, W., Regulla, D., Dance, D.*, Carlsson, G.A.*, Verdun, F.R.*, Buhr, E.*, Hoeschen, C.: RADIUS - closing the circle on the assessment of imaging performance. *Radiat. Prot. Dosim.* 114, 450-457 (2005)

- Morasch, B.*, Meckenstock, R.U.: Anaerobic degradation of p-xylene by a sulfate-reducing enrichment culture. *Curr. Microbiol.* 51, 127-130 (2005)
- Morgenstern, V., Bischof, W.*, Heinrich, J.: Endotoxin content in ambient particulate matter in Germany. *WHO Newsletter* ; No. 36, 2-6 (2005)
- Morgenstern, V., Carty, C.L., Gehring, U., Cyrys, J., Bischof, W.*, Heinrich, J.: Lack of Spatial Variation of Endotoxin in Ambient Particulate Matter across a German Metropolitan Area. *Atmos. Environ.* 39, 6931-6941 (2005)
- Mori, T., Buffo, A., Götz, M.: The Novel Roles of Glial Cells Revisited: The Contribution of Radial Glia and Astrocytes to Neurogenesis. *Curr. Top. Dev. Biol.* 69, 67-99 (2005)
- Mostafazadeh, A.*, Herder, C.*, Haastert, B.*, Hanifi-Moghaddam, P.*, Schloot, N.*, Koenig, W.*, Illig, T., Thorand, B., Holle, R., Eslami, M.-B.*, Kolb, H.*: Association of humoral immunity to human Hsp60 with the IL-6 gene polymorphism C-174G in patients with type 2 diabetes and controls. *Horm. Metab. Res.* 37, 257-263 (2005)
- Mueller, J.C., Bettecken, T., Lichtner, P., Biskup, S., Illig, T., Wichmann, H.E., Meitinger, T.: Linkage disequilibrium patterns and tagSNP transferability among European populations. *Am. J. Hum. Genet.* 76, 387-398 (2005)
- Mueller, J.C., Fuchs, J.*, Hofer, A.*, Zimprich, A.*, Lichtner, P., Illig, T., Berg, D.*, Wüllner, U.*, Meitinger, T., Gasser, T.*: Multiple regions of alpha-synuclein are associated with parkinson's disease. *Ann. Neurol.* 57, 535-541 (2005)
- Mühlberger, F., Streibel, T., Wieser, J.*, Ulrich, A.*, Zimmermann, R.: Single photon ionization time-of-flight mass spectrometry with a pulsed electron beam pumped excimer VUV lamp for on-line gas analysis : setup and first results on cigarette smoke and human breath. *Anal. Chem.* 77, 7408-7414 (2005)
- Mühlberger, F., Wieser, J.*, Morozov, A.*, Ulrich, A.*, Zimmermann, R.: Single-photon ionization quadrupole mass spectrometry with an electron beam pumped excimer light source. *Anal. Chem.* 77, 2218-2226 (2005)
- Müller, H.: Realistische Dosisabschätzung nach unfallbedingten Radionuklidfreisetzungen. Veröffentlichungen der Strahlenschutzkommission ; Band 55, Realistische Ermittlung der Strahlenexposition. Klausurtagung des Ausschusses "Radioökologie", : Urban & Fischer, 251-265 (2005)
- Müller, I., Geinitz, H.*, Braselmann, H., Baumgartner, A., Fasan, A.*, Molls, M.*, Meineke, V.*, Zitzelsberger, H.: Time-Course of Radiation-Induced Chromosomal Aberrations in Tumor Patients after Radiotherapy. *Int. J. Radiat. Oncol.* 63, 1214-1220 (2005)
- Munker, R.*, Schmid, C.*, Madrigal, J.A.*, Kolb, H.-J.: An update on graft-versus-host and graft-versus-leukemia reactions : A summary of the sixth International Symposium held in Schloss Elmau. *Bone Marrow Transpl.* 34, 767-780 (2004)
- Münz, M., Zeidler, R.*, Gires, O.: The tumour-associated antigen EpCAM upregulates the fatty acid binding protein E-FABP. *Cancer Lett.* 225, 151-157 (2005)
- Müsch, M., Abanda, D.*, Schwab, W.*, Tschiersch, J.: Measurement of methanol emissions of tobacco seedlings by PTR-MS. 2. International Conference on Proton Transfer Reaction Spectrometry and its Application, Hansel, A. ; Märk, T. [Eds.], 121-124 (2005)

Naderi-Kalali, B.* , Allameh, A.* , Rasaei, M.J.* , Bach, H.-J., Behechti, A., Doods, K., Kettrup, A., Schramm, K.-W.: Suppressive effects of caraway (*Carum carvi*) extracts on 2,3,7,8-tetrachloro-dibenzo-p-dioxin-dependent gene expression of cytochrome P450 1A1 in the rat H4IIE cells. *Toxicol. in Vitro* 19, 373-377 (2005)

Najjar, I.* , Schlee, M., Bornkamm, G.W.: Latent membrane protein 1 regulates STAT1 through NF- κ B-dependent interferon secretion in Epstein-Barr virus-immortalized B cells. *J. Virol.* 79, 4936-4943 (2005)

Naumann, U., Maloszewski, P., Ghergut, I., Seiler, K.-P., Stichler, W.: Estimating microbial denitrification parameters from in situ bioreactor operation under groundwater conditions. *Nitrates in groundwater, Razowska-Jaworek, L. ; Sadurski, A. [Eds.], Leiden : A.A. Balkema Publ., 77-86 (2005)*

Neamtu, M., Yediler, A.* , Siminiceanu, I., Macoveanu, M., Kettrup, A.: Decolorization of disperse red 354 azo dye in water by several oxidation processes - a comparative study. *Dyes Pigments* 60, 61-68 (2004)

Neverov, A.D.* , Artamonova, I.I., Nurtidinov, R.N.* , Frishman, D., Gelfand, M.S.* , Mironov, A.A.*: Alternative splicing and protein function. *BMC Bioinformatics* 6, 1-9 (2005)

Nielsen, A.A.* , Sørensen, A.B.* , Schmidt, J., Pedersen, F.S.*: Analysis of wild-type and mutant SL3-3 murine leukemia virus insertions in the c-myc promoter during lymphomagenesis reveals target site hot spots, virus-dependent patterns, and frequent error-prone gap repair. *J. Virol.* 79, 67-78 (2005)

Ninkovic, J.* , Tallafuss, A.* , Leucht, C.* , Topczewski, J.* , Tannhäuser, B.* , Solnica-Krezel, L.* , Bally-Cuif, L.: Inhibition of neurogenesis at the zebrafish midbrain-hindbrain boundary by the combined and dose-dependent activity of a new hairyE(spl) gene pair. *Development* 132, 75-88 (2005)

Nojima, K.* , Arakawa, H., Buerstedde, J.-M.: Multiple repair pathways mediate tolerance to chemotherapeutic cross-linking agents in vertebrate cells. *Cancer Res.* 65, 11704-11711 (2005)

Nolte, E.* , Huber, T.* , Rühm, W., Kato, K.* , Lazarev, V.* , Schultz, L.*: The Hiroshima thermal-neutron discrepancy for ³⁶Cl at large distances. Part II: Natural in situ production as a source. *Radiat. Environ. Biophys.* 44, 87-96 (2005)

Nolte, R.* , Mühlbradt, K.-H.* , Meulders, J.P.* , Stephan, G.* , Haney, M., Schmid, E.*: RBE of quasi-monoenergetic 60MeV neutron radiation for induction of dicentric chromosomes in human lymphocytes. *Radiat. Environ. Biophys.* 44, 201-209 (2005)

Nunn, A.J.* , Anegg, S., Betz, G., Simons, S., Kalisch, G., Seidlitz, H.K., Grams, T.E.E.* , Häberle, K.-H.* , Matussek, R.* , Bahnweg, G., Sandermann, H., Langebartels, C.: Role of ethylene in the regulation of cell death and leaf loss in ozone-exposed European beech. *Plant Cell Environ.* 28, 886-897 (2005)

Nunn, A.J.* , Reiter, I.M.* , Häberle, K.-H.* , Langebartels, C., Bahnweg, G., Pretzsch, H., Sandermann, H., Matussek, R.*: Response patterns in adult forest trees to chronic ozone stress : identification of variations and consistencies. *Environ. Pollut.* 136, 365-369 (2005)

Nunn, A.J.* , Winkler, J.B.: Comparison of ozone uptake and sensitivity between a phytotron study with young beech and a field experiment with adult beech (*Fagus sylvatica*). *Environ. Pollut.* 137, 494-506 (2005)

Oberdörster, G.* , Kreyling, W.: Principles for characterizing the potential human health effects from exposure to nanomaterials : elements of a screening strategy. *Particle Fibre Toxicol.* 2, 1-35 (2005)

Obermaier, J., Szwarz, R.*: Polynomial bases for continuous function spaces. *International Series of Numerical Mathematics ; Vol. 151, Trends and Applications in Constructive Approximation, de Bruin, M.G. et al., Basel, Switzerland : Birkhäuser, 195-205 (2005)*

- Oeh, U., Gerstmann, U., Schimmack, W., Szymczak, W., Li, W., Höllriegl, V., Roth, P., Paretzke, H.G.: Environmental behaviour and bioavailability of depleted uranium (DU) material. GSF-Bericht 06/05, Proceedings of the 9. International Conference on Health Effects of Incorporated Radionuclides Emphasis on Radium, Thorium, Uranium and their Daughter Products HEIR 2004, Neuherberg : GSF-Forschungszentrum mbH, 179-188 (2005)
- Oeh, U., Höllriegl, V., Li, W., Roth, P.: Biokinetics and internal dosimetry of incorporated radionuclides. Biomedizinische Technik ; Vol. 50, Proceedings of the 14. International Conference of Medical Physics, 919-920 (2005)
- Oeh, U., Roth, P., Gerstmann, U., Schimmack, W., Szymczak, W., Höllriegl, V., Li, W., Schramel, P., Paretzke, H.G.: Untersuchungen zur Gesundheitsgefährdung durch Munition mit abgereichertem Uran (DU). GSF-Bericht 03/05, Neuherberg : GSF-Forschungszentrum mbH, 137 S. (2005)
- Oerter, H.*, Graf, W., Meyer, H.*, Wilhelms, F.*: The EPICA ice core from Dronning Maud Land : first results from stable-isotope measurements. Ann. Glaciol. 39, 307-312 (2005)
- Ohnesorg, T., Adamski, J.: Promoter analysis of human and mouse 17beta-hydroxysteroid dehydrogenase type 7. J. Ster. Biochem. Mol. Biol. 94, 259-261 (2005)
- Olbrich, M., Betz, G., Gerstner, E., Langebartels, C., Sandermann, H., Ernst, D.: Transcriptome analysis of ozone-responsive genes in leaves of European beech (*Fagus sylvatica* L.). Plant Biol. 7, 670-676 (2005)
- Oldhoff, J.M. et al. (12 Coauthors): Anti-IL-5 recombinant humanized monoclonal antibody (Mepolizumab) for the treatment of atopic dermatitis. Allergy 60, 693-696 (2005)
- Ollert, M.*, Weissenbacher, S.*, Rakoski, J.*, Ring, J.: Allergen-specific IgE measured by a continuous random-access immunoanalyzer : Interassay comparison and agreement with skin testing. Clin. Chem. 51, 1241-1249 (2005)
- Olyslaegers, G.*, Zeevaert, T.*, Pinedo, P.*, Simon, I.*, Pröhl, G., Kowe, R.*, Chen, Q.*, Mobbs, S.*, Bergström, U.*, Hallberg, B.*, Katona, T.*, Eged, K.*, Kanyar, B.*: A Comparative radiological assessment of five biosphere systems in the context of potential contamination of well water from the hypothetical disposal of radioactive waste. J. Radiol. Prot. 25, 375-391 (2005)
- Osinski, E.*, Albrecht, H.*, Laußmann, H.*, Belde, M.*, Filser, J.*, Schloter, M., Gattinger, A., Geue, H.*, Lang, A.*, Sprenger, B.*, Pfadenhauer, J.*: Biodiversität in Agrarökosystemen. Landwirtschaft und Umwelt - ein Spannungsfeld, München : oekom, 155-204 (2005)
- Osinski, E.*, Meyer-Aurich, A.*, Huber, B.*, Rühling, I.*, Gerl, G., Schröder, P.: Landwirtschaft und Umwelt - ein Spannungsfeld. , Osinski, E. et al. [Hrsg.], München : oekom, 280 S. (2005)
- Osinski, E.*, Priesack, E.: FAM - Forschungshintergrund und Ergebnisstruktur. Landwirtschaft und Umwelt - ein Spannungsfeld. Ergebnisse des Forschungsverbundes Agrarökosysteme (FAM), Osinski, E. et al [Hrsg.], München : Oekom, 21-56 (2005)
- Paatero, P.*, Cyrus, J., Peters, A.: Estimating time series of aerosol particle number concentrations in the five HEAPSS cities on the basis of measured air pollution and meteorological variables. Atmos. Environ. 39, 2261-2273 (2005)
- Paffenholz, R.*, Heinzmann, U.: Vestibular defects in head-tilt mice result from mutations in Nox3, encoding an NADPH oxidase. Gene Dev. 18, 1-6 (2004)

Pagés, F.* , Galon, J.* , Karaschuk, G.* , Dudziak, D., Camus, M.* , Lazar, V.* , Camilleri-Broët, S.* , Lagorce-Pagés, C.* , Lebel-Binay, S.* , Laux, G., Fridman, W.H.* , Henglein, B.*: Epstein-Barr virus nuclear antigen 2 induces interleukin-18 receptor expression in B cells. *Blood* 105, 1632-1639 (2005)

Pandelova, M.E., Lenoir, D., Kettrup, A., Schramm, K.-W.: Primary measures for reduction of pccdd/f in co-combustion of lignite coal and waste : effect of various inhibitors. *Environ. Sci. Technol.* 39, 3345-3350 (2005)

Paretzke, H., Petoussi-Henss, N.: Radiological Protection: External Dosimetry. Landolt-Börnstein : Numerical Data and Functional Relationships, Advanced Materials and Technologies, Berlin u.a. : Springer, 6-1 - 6-44 (2005)

Paretzke, H., Turner, J.E.*: Energy Technologies: Radionuclides in the Environment. Landolt-Börnstein : Numerical Data and Functional Relationships, Advanced Materials and Technologies, Berlin u.a. : Springer, 287-303 (2005)

Pasche, B.* , Kalaydjiev, S.* , Franz, T.J.* , Kremmer, E., Gailus-Durner, V., Fuchs, H., Hrabé de Angelis, M., Lengeling, A.* , Busch, D.H.*: Sex-dependent susceptibility to *Listeria monocytogenes* infection is mediated by differential interleukin-10 production. *Infect. Immun.* 73, 5952-5960 (2005)

Paschen, A.* , Jing, W.* , Drexler, I., Klemm, M., Song, M.* , Müller-Berghaus, J.* , Nguyen, X.D.* , Osen, W.* , Stevanovic, S.* , Sutter, G., Schadendorf, D.*: Melanoma patients respond to a new HLA-1*01-presented antigenic ligand derived from a multi-epitope region of melanoma antigen TRP-2. *Int. J. Cancer* 116, 944-948 (2005)

Pau, H.* , Fuchs, H., Hrabé de Angelis, M., Steel, K.P.*: Hush puppy : a new mouse mutant with Pinna, Ossicle and inner ear defects. *Laryngoscope* 115, 116-124 (2005)

Pellow, P.G.D.* , Hodgson, S.A.* , Stradling, G.N.: Comparison of absorption after instillation of gadolinium oxide particles with different surface areas. Contract report. RPD-DA-02-2005, Chilton, UK : Health Protection Agency, 27 S. (2005)

Peng, R.* , Moses, S.C.* , Tan, J.* , Kremmer, E., Ling, P.D.*: The Epstein-Barr virus EBNA-LP protein preferentially coactivates EBNA2-mediated stimulation of latent membrane proteins expressed from the viral divergent promoter. *J. Virol.* 79, 4492-4505 (2005)

Perez-Iratxeta, C.* , Wjst, M., Bork, P.* , Andrade, M.A.*: G2D: a tool for mining genes associated with disease. *BMC Genetics* 6, 1-9 (2005)

Perminova, I.V.* , Hatfield, K.* , Hertkorn, N.: Use of humic substances to remediate polluted environments : from theory to practice. IV. Earth and Environmental Sciences ; Vol. 52, Perminova, I.V., Hatfield, K., Hertkorn, N. [Eds.], Dordrecht : Springer, 501 S. (2005)

Perminova, I.V.* , Kovalenko, A.A.* , Schmitt-Kopplin, P., Hatfield, K.* , Hertkorn, N., Belyaeva, E.Y.* , Petrosyan, V.S.*: Design of quinonoid-enriched humic materials with enhanced rediox properties. *Environ. Sci. Technol.* 39, 8518-8524 (2005)

Peters, A., Dockery, D.W.*: Air pollution and health effects : Evidence from epidemiologic studies. *Lung Biology in Health and Disease* ; Vol. 204, Air pollutants and the respiratory tract, Foster, W.M.; Costa, D.L. [Eds.], Boca Raton, USA : Taylor & Francis, 1-19 (2005)

Peters, A., von Klot, S., Heier, M., Trentinaglia, I., Cyrus, J., Hörmann, A., Hauptmann, M., Wichmann, H.-E., Löwel, H.: Particulate air pollution and nonfatal cardiac events. Part I: Air pollution, personal activities and onset of myocardial infarction in a case-crossover study. *Research Report* ; No. 124, 146 S. (2005)

Peters, A.: Partikel in der Außenluft erhöhen das Risiko für Herz-Kreislauf-Erkrankungen. Gesundheitswesen 67 (Sonderheft 1), 79-85 (2005)

Peters, A.: Particulate matter and heart disease : Evidence from epidemiological studies. Toxicol. Appl. Pharm. 207, 477-482 (2005)

Peters, A.: Effects of ultrafine carbon particles in healthy subjects and subjects with asthma. Klinik und Forschung 11, 8-9 (2005)

Petersen, S.O.*, Amon, B.*, Gattinger, A.: Methane oxidation in slurry storage surface crusts. J. Environ. Qual. 34, 455-461 (2005)

Petoussi-Henss, N., Zankl, M., Nosske, D.*: Estimation of patient dose from radiopharmaceuticals using voxel models. Cancer Biother. Radiopharm. 20, 103-109 (2005)

Pfab, F., Hammes, M.*, Bäcker, M.*, Huss-Marp, J., Athanasiadis, G.I.*, Tölle, T.R.*, Behrendt, H., Ring, J.*, Darsow, U.: Preventive effect of acupuncture on histamine-induced itch : A blinded, randomized, placebo-controlled, crossover trial. J. Allergy Clin. Immunol. 116, 1386-1388 (2005)

Pfeufer, A., Jalilzadeh, S., Perz, S., Mueller, J.C., Hinterseer, M.*, Illig, T., Akyol, M.*, Huth, C., Schöpfer-Wendels, A., Kuch, B.*, Steinbeck, G.*, Holle, R., Näbauer, M.*, Wichmann, H.-E., Meitinger, T., Kääh, S.*: Common variants in myocardial ion channel genes modify the QT interval in the general population : results from the KORA study. Circ. Res. 96, 693-701 (2005)

Pfleghaar, K.*, Heubes, S.*, Cox, J.*, Stemmann, O.*, Speicher, M.R.: Securin is not required for chromosomal stability in human cells. PLoS Biol. 3, 1-8 (2005)

Pfuhl, T.*, Dürr, T.*, Spurk, A.*, Schwalbert, B.*, Nord, R.*, Mysliwietz, J., Kremmer, E., Grässer, F.A.: Biochemical characterisation of the proteins encoded by the Di George critical region 6 (DGCR6). Hum. Genet. 117, 70-80 (2005)

Philbroock, C.*, Fritz, E., Weiher, H.*: Expressional and functional studies of Wolframin, the gene function deficient in Wolfram syndrome, in mice and patient cells. Exp. Gerontol. 40, 671-678 (2005)

Plessl, M.*, Heller, W., Payer, H.-D., Elstner, E.F.*, Habermeyer, J.*, Heiser, I.*: Growth parameters and resistance against drechslera teres of spring barley (*Hordeum vulgare* L.cv.Scarlett) grown at elevated ozone and carbon dioxide concentrations. Plant Biol. 7, 694-705 (2005)

Plessl, M.*, Rigola, D.*, Hassingen, V.*, Aarts, M.G.M.*, Schat, H.*, Ernst, D.: Transcription profiling of the metal-hyperaccumulator *Thlaspi caerulescens* (J.& C.PRESL). Z. Naturforsch. C 60c, 216-223 (2005)

Plötz, S.G., Traidl-Hoffmann, C., Feussner, I.*, Kasche, A.*, Feser, A.*, Ring, J.*, Jakob, T., Behrendt, H.: Chemotaxis and activation of human peripheral blood eosinophils induced by pollen-associated lipid mediators. J. Allergy Clin. Immunol. 113, 1152-1160 (2004)

Prakash, N., Brodski, C.*, Naserke, T., Puellas, E.*, Gogoi, R.*, Hall, A.*, Panhuysen, M., Echevarria, D.*, Sussel, L.*, Vogt Weisenhorn, D.M., Martinez, S., Arenas, E.*, Simeone, A.*, Wurst, W.: A Wnt1-regulated genetic network controls the identity and fate of midbrain-dopaminergic progenitors in vivo. Development 133, 89-98 (2005)

Pritsch, K.*, Luedemann, G.*, Matyssek, R.*, Hartmann, A., Schloter, M., Scherb, H., Grams, T.E.E.*: Mycorrhizosphere responsiveness to atmospheric ozone and inoculation with *Phytophthora citricola* in a phytotron experiment with Spruce/Beech mixed cultures. *Plant Biol.* 7, 718-727 (2005)

Pröhl, G., Ehlken, S.*, Fiedler, I., Klemt, E.*, Zibold, G.*: Ecological half-lives of ⁹⁰Sr and ¹³⁷Cs in terrestrial and aquatic ecosystems. *Proceedings from the 2nd International Conference on Radioactivity in the Environment*, 409-411 (2005)

Pröhl, G., Olyslaegers, G.*, Kanyar, B.*, Pinedo, P.*, Bergström, U.*, Mobbs, S.*: Development and comparison of five site-specific biosphere models for safety assessment of radioactive waste disposal. *J. Radiol. Prot.* 25, 343-373 (2005)

Pröhl, G.: Konservativitäten bei der Berechnung der Strahlenexposition durch Ingestion nach AVV. *Veröffentlichungen der Strahlenschutzkommission ; Band 55, Realistische Ermittlung der Strahlenexposition. Klausurtagung des Ausschusses "Radioökologie"*, : Urban & Fischer, 65-98 (2005)

Radl, V., Pritsch, K., Munch, J.-C., Schloter, M.: Structural and functional diversity of microbial communities from a lake sediment contaminated with trenbolone, an endocrine-disrupting chemical. *Environ. Pollut.* 137, 345-353 (2005)

Rashid, M.U.*, Wichmann, H.-E.: German populations with infrequent CHEK2*1100delC and minor associations with early-onset and familial breast cancer. *Eur. J. Cancer* 41, 2896-2903 (2005)

Rasmussen, M.H.*, Sørensen, A.B.*, Morris, D.W.*, Dutra, J.C.*, Engelhard, E.K.*, Wang, C.L.*, Schmidt, J., Pedersen, F.S.*: Tumor model-specific proviral insertional mutagenesis of the *Fos/Jdp2/batf* locus. *Virology* 337, 353-364 (2005)

Rathkolb, B.*, Tran, T.V.*, Klempt, M.*, Hrabé de Angelis, M., Wanke, R.*, Wolf, E.*, Aigner, B.*: Large-scale albuminuria screen for nephropathy models in chemically induced mouse mutants. *Nephron Exp. Nephrol.* 100, 143-149 (2005)

Rathmann, W.*, Haastert, B.*, Icks, A.*, Giani, G.*, Holle, R., Meisinger, C., Mielck, A.: Sex differences in the associations of socioeconomic status with undiagnosed diabetes mellitus and impaired glucose tolerance in the elderly population: the KORA Survey 2000. *Eur. J. Public Health* 15, 627-633 (2005)

Rathmann, W.*, Haastert, B.*, Icks, A.*, Herder, C.*, Kolb, H.*, Holle, R., Mielck, A., Meisinger, C., Wichmann, H.-E., Giani, G.*: The diabetes epidemic in the elderly population in Western Europe : data from population-based studies. *Gesundheitswesen* 67 (Sonderheft 1), 110-114 (2005)

Rathmann, W.*, Martin, S*, Haastert, B.*, Icks, A.*, Holle, R., Löwel, H., Giani, G.*, KORA Study Group: Performance of screening questionnaires and risk scores for undiagnosed diabetes. *Arch. Intern. Med.* 165, 436-441 (2005)

Ratka-Krüger, P.*, Schacher, B.*, Bürklin, T.*, Böddinghaus, B.*, Holle, R., Renggli, H.H.*, Eickholz, P.*, Kim, T.-S.*: Non-surgical periodontal therapy with adjunctive topical doxycycline : a double masked randomized controlled multicenter study II. Microbiological results. *J. Periodontol* 76, 66-74 (2005)

Redlich, U.*, Hoeschen, C., Doehring, W.*: Assessment and optimisation of the image quality of chest-radiography systems. *Radiat. Prot. Dosim.* 114, 264-268 (2005)

Regulla, D.F., Eder, H.*: Patient exposure in medical X-ray imaging in Europe. *Radiat. Prot. Dosim.* 114, 11-25 (2005)

Regulla, D.F.: ESR spectrometry : a future-oriented tool for dosimetry and dating. *Appl. Radiat. Isotopes* 62, 117-127 (2005)

Reinhard, C., Eder, G., Fuchs, H., Ziesenis, A., Meyer, B.*, Rueschendorf, F.*, Hrabé de Angelis, M., Nuernberg, P.*, Heyder, J., Schulz, H.: Differences in lung function among mouse inbred strains are genetically determined. INIS Monographs, Effects of air contaminants on the respiratory tract - Interpretations from molecular to meta analysis. 9. International Inhalation Symposium, Heinrich, U., Stuttgart : Fraunhofer IRB Verl., 435-444 (2004)

Reinhard, C., Meyer, B.*, Fuchs, H., Stoeger, T., Eder, G., Rüschenndorf, F.*, Heyder, J., Nürnberg, P.*, Hrabé de Angelis, M., Schulz, H.: Genomewide linkage analysis identifies novel genetic loci for lung function in mice. *Am. J. Respir. Crit. Care Med.* 171, 880-888 (2005)

Reinl, H.M.*, Peller, M.*, Hagmann, M.*, Turner, P.*, Issels, R.D., Reiser, M.*: Ferrite-enhanced MRI monitoring in hyperthermia. *Magn. Reson. Imaging* 23, 1017-1020 (2005)

Reth, S., Hentschel, K.*, Drösler, M.*, Falge, E.*: DenNit - Experimental analysis and modelling of soil N₂O efflux in response on changes of soil water content, soil temperature, soil pH, nutrient availability and the time after rain event. *Plant Soil* 272, 349-363 (2005)

Riley, M.L., Schmidt T.*, Wagner, C.*, Mewes, H.-W., Frishman, D.: The PEDANT genome database in 2005. *Nucleic Acids Res.* 33, D308-D310 (2005)

Ring, J.*, Brockow, K.: Therapie anaphylaktischer Reaktionen. *Manuale allergologicum : ein Lehr- und Nachschlagewerk im Dustri-Ringbuch*, Schultze-Werninghaus, G. et al. [Hrsg.], München : Dustri-Verl., 651-660 (2004)

Ring, J.*, Brockow, K.: Pseudo-allergische Arzneimittelreaktionen. *Manuale allergologicum : ein Lehr- und Nachschlagewerk im Dustri-Ringbuch*, Schultze-Werninghaus, G. et al. [Hrsg.], München : Dustri-Verl., 716-764 (2004)

Ring, J.*, Darsow, U., Jakob, T., Behrendt, H.: Eczema and dermatitis. *Allerg. Clin. Immunol. Int. - J. World Allergy Org.* 17, 19-25 (2005)

Ring, J.*, Krämer, U.*, Behrendt, H.: A critical approach to the hygiene hypothesis. *Clin. Expo. Allergy Rev.* 4, 40-44 (2004)

Ring, J.*, Krämer, U., Oppermann, H.*, Ranft, U.*, Behrendt, H.: Influence of pertussis/pertussis vaccination on asthma and allergy prevalence in East and West Germany. *Allergy Clin. Immunol. Int.: J. World Allergy Org. Suppl.* 1, 17-24 (2004)

Rivera, A.*, Fisher, S.A.*, Fritsche, L.G.*, Keilhauer, C.N.*, Lichtner, P., Meitinger, T., Weber, B.H.F.*: Hypoethical LOC387715 is a second major susceptibility gene for age-related macular degeneration, contributing independently of complement factor H to disease risk. *Hum. Mol. Genet.* 14, 3227-3236 (2005)

Rodriguez, N.*, Fend, F., Jennen, L., Schiemann, M.*, Wantia, N.*, Prazeres da Costa, C.U.*, Dürr, S.*, Heinzmann, U., Wagner, H.*, Miethke, T.*: Polymorphonuclear neutrophils improve replication of *Chlamydia pneumoniae* in vivo upon MyD88-dependent attraction. *J. Immunol.* 174, 4836-4844 (2005)

Romanyukha, A.A.*, Schauer, D.A.*, Thomas, J.A.*, Regulla, D.F.: Parameters affecting EPR dose reconstruction in teeth. *Appl. Radiat. Isotopes* 62, 147-154 (2005)

Romeike, B.F.M.*, Böckeler, A.*, Kremmer, E., Sommer, P.*, Grässer, F.*, Krick, C.*: Immunohistochemical detection of dITPase in intracranial tumors. *Pathol. Res. Pract.* 201, 727-732 (2005)

Ross, M.T. (281 Coauthors), Bentley, D.R.*: The DNA sequence of the human X chromosome. *Nature* 434, 325-337 (2005)

Roth, P., Höllriegel, V., Li, W.B., Oeh, U., Schramel, P.: Validating an important aspect of the new ICRP biokinetic model of thorium. *Health Phys.* 88, 223-228 (2005)

Rothballer, M., Schmid, M., Fekete, A., Hartmann, A.: Comparative in situ analysis of ipdC-gfpmut3 promoter fusions of *Azospirillum brasilense* strains Sp7 and Sp245. *Environ. Microbiol.* 7, 1839-1846 (2005)

Rottmann, S., Menkel, A.R., Bouchard, J.*, Loidl, P.*, Kremmer, E., Eilers, M.*, Luscher-Firzlauff, J.*, Lilischkis, R., Lüscher, B.: Mad1 function in cell proliferation and transcriptional repression is antagonized by cyclin E/CDK2. *J.Biol.Chem.* 280, 15489-15492 (2005)

Rozman, K.: Hormesis and risk assessment. *Belle Newsletter* 12, 19-21 (2005)

Rozman, K.K., Lebofsky, M.*, Pinson, D.M.*: Chronic toxicity and carcinogenicity of 1,2,3,4,6,7,8-heptachlorodibenzo-p-dioxin displays a distinct dose/time toxicity threshold ($c \times t = k$) and a life-prolonging subthreshold effect. *Food Chem. Toxicol.* 43, 729-740 (2005)

Rückerl, F., Bachl, J.: Activation-induced cytidine deaminase fails to induce a mutator phenotype in the human pre-B cell line Nalm-6. *Eur. J. Immunol.* 35, 290-298 (2005)

Rudd, S.*, Schoof, H., Mayer, K.: PlantMarkers - a database of predicted molecular markers from plants. *Nucleic Acids Res.* 33, 628-632 (2005)

Rudd, S.*, Tetko, I.V.: Eclair-a web service for unravelling species origin of sequences sampled from mixed host interfaces. *Nucleic Acids Res.* 33, 724-727 (2005)

Rudnik, E.*, Matuschek, G., Milanov, N., Kettrup, A.: Thermal properties of starch succinates. *Thermochim. Acta* 427, 163-166 (2005)

Ruf, T.*, Nagel, G.*, Miller, A.B.*, Thorand, B.: Food and Nutrient Intake, Anthropometric Measurements and Smoking according to Alcohol Consumption in the EPIC Heidelberg Study. *Ann. Nutr. Metab.* 49, 16-25 (2005)

Rühling, I.*, Ruser, R.*, Gutser, R.*: Kohlenstoff und Stickstoff in Agrarökosystemen. *Landwirtschaft und Umwelt - ein Spannungsfeld. Ergebnisse des Forschungsverbundes Agrarökosysteme München (FAM)*, Osinski, E. et al.[Hrsg.], München : Oekom, 99-154 (2005)

Ruth, B., Munch, J.-C.: Field measurements of the water content in the top soil using a new capacitance sensor with a flat sensitive volume. *J. Plant Nutr. Soil Sci.* 168, 169-175 (2005)

Ruth, U.*, Wagenbach, D.*, Mulvaney, R.*, Oerter, H.*, Graf, W., Pulz, H.*, Littot, G.*: Comprehensive 1000 year climatic history from an intermediate-depth ice core from the south dome of Berkner Island, Antarctica : methods, dating and first results. *Ann. Glaciol.* 39, 146-154 (2004)

Saghir, S.*, Lebofsky, M.*, Pinson, D.M.*, Rozman, K.K.: Validation of Haber's Rule (dose x time = constant) in rats and mice for monochloroacetic acid and 2,3,7,8-tetrachlorodibenzo-p-dioxin under conditions of kinetic steady state. *Toxicology* 215, 48-56 (2005)

- Sahr, T., Voigt, G.*, Paretzke, H.G., Schramel, P., Ernst, D.: Caesium-affected gene expression in *Arabidopsis thaliana*. *New Phytol.* 165, 747-754 (2005)
- Sahr, T., Voigt, G.*, Schimmack, W., Paretzke, H.G., Ernst, D.: Low-level radiocaesium exposure alters gene expression in roots of *Arabidopsis*. *New Phytol.* 168, 141-148 (2005)
- Santti, H.*, Mikkonen, L.*, Anand, A.*, Hirvonen-Santti, S.*, Toppari, J.*, Panhuysen, M., Vauti, F., Perera, M.*, Corte, G.*, Wurst, W., Jänne, O.A.*, Palvimo, J.J.*: Disruption of the murine PIASx gene results in reduced testis weight. *J. Mol. Endocrinol.* 34, 645-654 (2005)
- Satzinger, W., Courté-Wienecke, S., Wenng, S.*, Herkert, B.*: Bridging the information gap between hospitals and home care services : experience with a patient admission and discharge form. *J. Nurs. Manag.* 13, 257-264 (2005)
- Sausenthaler, S., Kompauer, I., Brasche, S.*, Linseisen, J.*, Heinrich, J.: Sodium intake and bronchial hyperresponsiveness in adults. *Respir. Med.* 99, 864-870 (2005)
- Schaadt, E., Baier, B., Mautner, J., Bornkamm, G.W., Adler, B.*: Epstein-Barr virus latent membrane protein 2A mimics B-cell receptor-dependent virus reactivation. *J. General Virol.* 86, 551-559 (2005)
- Schäfer, T.*, Buckau, G.*, Artinger, R.*, Kim, J.I.*, Geyer, S.*, Wolf, M., Bleam, W.F.*, Wirick, S.*, Jacobsen, C.*: Origin and mobility of fulvic acids in the Gorleben aquifer system : implications from isotopic data and carbon/sulfur XANES. *Org. Geochem.* 36, 567-582 (2005)
- Schäfer, T.*, Heinrich, J., Böhler, E.*, Merkl, E.*, Ruhdorfer, S.*, Weigl, S.*, Wessner, D.*, Wichmann, H.E., Ring, J.*: Allergien bei Erwachsenen. *Gesundheitswesen* 67 (Sonderheft 1), 187-192 (2005)
- Schäfer, T.*, Meyer, T.*, Ring, J.*, Wichmann, H.-E., Heinrich, J.: Worm infestation and the negative association with eczema /atopic/nonatopic) and allergic sensitization. *Allergy* 60, 1014-1020 (2005)
- Schäffer, E.H., Quintanilla-Martinez, L., Marquart, K.-H., Kunder, S., Scheel, C., Jennen, L.: Perikardiales malignes Mesotheliom beim Beagle : Fallbericht mit immunohistochemischen und elektronenmikroskopischen Befunden. *Tierärztl. Prax.* 33 (K), 334-340 (2005)
- Schaffrath Rosario, A., Heid, I.M., Kreienbrock, L.*, Heinrich, J., Wellmann, J.*, Gerken, M.*, Kreuzer, M.*, Steinwachs, A., Langer, B., Brüske-Hohlfeld, I., Wichmann, H.-E.: Bewertung des Lungenkrebsrisikos durch Radon in Wohnungen in Deutschland mit Hilfe statistisch-epidemiologischer Modelle. Abschlußbericht an das Bundesamt für Strahlenschutz und den Bundesminister für Umwelt, Natur und Reaktorsicherheit. Vorhaben StSch 4237. Neuherberg/Hannover, getr. Zählg. (2004)
- Schempp, H.*, Hippeli, S.*, Elstner, E.F.*, Langebartels, C.: Air pollution : Trace gases as inducers of plant damage. *Plant Toxicology*, Hock, B. ; Elstner, E.F. [Eds.], New York : Marcel Dekker, 151-190 (2005)
- Schessl, C., Rawat, V.P.S., Cusan, M., Deshpande, A., Kohl, T.M., Spiekermann, K., Hiddemann, W., Quintanilla-Martinez, L., Bohlander, S.K., Feuring-Buske, M., Buske, C.: The AML1-ETO fusion gene and the FLT3 length mutation collaborate in inducing acute leukemia in mice. *J. Clin. Invest.* 115, 2159-2186 (2005)
- Schierl, R.*, Höpfe, P.*, Guth, W.*, Tschiersch, J., Nowak, D.*: Zweijährige Messreihen von Feinstaub und Ultrafeinstaub in München. *Verh. Dtsch. Ges. Arbeitsmedizin* ; 44, Baumgartner, E. ; Stork, J. [Hrsg.], 500-501 (2004)

Schimmack, W., Gerstmann, U., Oeh, U., Schultz, W., Schramel, P.: Leaching of depleted uranium in soil as determined by column experiments. *Radiat. Environ. Bioph.* 44, 183-191 (2005)

Schlattl, H., Zankl, M.: Dose distributions for cineangiographic examinations of coronary arteries. The Monte Carlo Method: Versatility Unbounded in a Dynamic Computing World, CD-ROM (2005)

Schlosser, E.*, Reijmer, C.*, Oerter, H.*, Graf, W.: The influence of precipitation origin on the beta18O-T relationship at Neumayer station, Ekströmsen, Antarctica. *Ann. Glaciol.* 39, 41-48 (2005)

Schlöter, M., Munch, J.C., Tittarelli, F.*: Managing soil quality. *Microbiological Methods for Assessing Soil Quality*, Bloem, J. [Ed.], : CAB International, 50-62 (2005)

Schlöter, M., Wagner, T., Ernst, D.: Von der Sicherheitsforschung zum Monitoring. Mensch und Umwelt spezial ; 17 Ausg., "Grüne Gentechnik in Forschung und Anwendung", Neuherberg : GSF-Forschungszentrum, GmbH, 77-82 (2005)

Schlöter, M., Winkler, J.B., Aneja, M., Koch, N.*, Fleischmann, F.*, Pritsch, K.*, Heller, W., Stich, S., Grams, T.E.E.*, Göttlein, A.*, Matyssek, R.*, Munch, J.-C.: Short term effects of ozone on the plant-rhizosphere-bulk soil system of young beech trees. *Plant Biol.* 7, 728-736 (2005)

Schmid, M.* et al. (41 Coauthors), Mizuno, S.: Second report on chicken genes and chromosomes 2005. *Cytogenet. Genome Res.* 109, 415-479 (2005)

Schmid, O., Karg, E., Ferron, G.A., Schröppel, A., Reznikov, G., Whitefield, P.D.*, Hagen, D.E.*, Andreae, M.O.*, Schulz, H.: Towards on-line determination of particle density and morphology for irregularly shaped particles with an SMPS-APS system. *European Aerosol Conference 2005*, Maenhaut, W. [Ed.], S. 427 (2005)

Schmitt-Kopplin, P. [Ed.]: Capillary electrophoresis - mass spectrometry. Paper Symposium. *Electrophoresis* 26 (Special Issue), 1207-1622 (2005)

Schmitt-Kopplin, P., Englmann, M.: Capillary electrophoresis - mass spectrometry : Survey on developments and applications 2003-2004. *Electrophoresis* 26, 1209-1220 (2005)

Schmitt-Kopplin, Ph., Kettrup, A.: Understanding capillary electrophoretic separation processes to characterize humic substances and their interactions with pollutants. Use of humic substances to remediate polluted environments: from theory to practice, Perminova, I.V. [Ed.], Dordrecht, Netherlands : Springer, 437-472 (2005)

Schneider, M.R.*, Dahlhoff, M.*, Herbach, N.*, Renner-Mueller, I.*, Dalke, C., Puk, O.*, Graw, J., Wanke, R.*, Wolf, E.*: Betacellulin overexpression in transgenic mice causes disproportionate growth, pulmonary hemorrhage syndrome and complex eye pathology. *Endocrinology* 146, 5237-5246 (2005)

Schnelle-Kreis, J.*, Sklorz, M.*, Peters, A., Cyrus, J., Zimmermann, R.: Analysis of particle-associated semi-volatile aromatic and aliphatic hydrocarbons in urban particulate matter on a daily basis. *Atmos. Environ.* 39, 7702-7714 (2005)

Schnelle-Kreis, J.*, Welthagen, W., Sklorz, M.*, Zimmermann, R.: Application of direct thermal desorption gas chromatography and comprehensive two-dimensional gas chromatography coupled to time of flight mass spectrometry for analysis of organic compounds in ambient aerosol particles. *J. Sep. Sci.* 28, 1648-1657 (2005)

Schnütgen, F.*, Hollatz, M., Floss, T., Hansen, J., Seisenberger, C., Wurst, W.: Genomewide production of multipurpose alleles for the functional analysis of the mouse genome. *Proc. Natl. Acad. Sci.* 102, 7221-7226 (2005)

- Schoof, H., Spannagl, M., Yang, L., Ernst, R., Gundlach, H., Haase, H., Haberer, G., Mayer, K.F.X.: Munich Information Center for Protein Sequences Plant Genome Resources. A Framework for Integrative and Comparative Analyses. *Plant Physiol* 138, 5-17 (2005)
- Schramm, K.-W., Henkelmann, B., Peschke, D., Martens, D.*: Quality criteria of the isotope dilution method for the determination of polycyclic aromatic hydrocarbons, petroleum-derived hydrocarbons and phenol in leachate a large-scale lysimeter experiments. *Accredit. Qual. Assur.* 10, 229-234 (2005)
- Schramm, K.-W., Kirchner, M.: MONARPOP - Monitoring network in the Alpine region for POPs. *Gaia* 13, 296-297 (2004)
- Schramm, K.-W., Lenoir, D.: Verfahren zur Dioxinminderung bei Verbrennungsprozessen. *GIT Labor-Fachzeitschrift* 2, 94-95 (2005)
- Schröder, P., Maier, H., Debus, R.*: Detoxification of herbicides in *Phragmites australis*. *Z. Naturforsch. C* 60c, 317-324 (2005)
- Schröder, P., Maier, H., Debus, R.*: Herbicide detoxification in *Phragmites australis* - an advantage for phytoremediation of effluents from agroecosystems. *The BCPC International Congress - Crop Science and Technology 2005*, Alton, Hampshire : British Crop Protection Council, 791-796 (2005)
- Schröder, P.: Übertragbare Ergebnisse aus dem FAM - Erweitertes Systemverständnis. *Landwirtschaft und Umwelt - ein Spannungsfeld*, Osinski, E. et al. [Hrsg.], München : oekom, 235-240 (2005)
- Schröder, T.: Tracking hematopoiesis at the single cell level. *Ann. N.Y. Acad. Sci.* 1044, 201-209 (2005)
- Schuller, P.*, Bunzl, K., Voigt, G.*, Krarup, A.*, Castillo, A.*: Seasonal variation of the radiocaesium transfer soil-to-Swiss chard (*Beta vulgaris* var. *ciela* L.) in allophanic soils from the Lake Region, Chile. *J. Environ. Radioactiv.* 78, 21-33 (2005)
- Schulte-Bisping, H.*, Beese, F.*, Priesack, E., Dieffenbach-Fries, H.*: Dynamik des Wasserhaushalts eines Buchen-Kiefern-Altbestandes in Nord-Ostdeutschland (Brandenburg). *Allg. Forst- u. Jagdztg.* 176, 143-152 (2005)
- Schulz, H., Harder, V., Ibald-Mulli, A., Khandoga, A.*, Koenig, W.*, Krombach, F.*, Radykewicz, R., Stampfl, A., Thorand, B., Peters, A.: Cardiovascular effects of fine and ultrafine particles. *J. Aerosol Med.* 18, 1-22 (2005)
- Schulze, T.G.*, Illig, T., Klopp, N.: Genotype-phenotype studies in bipolar disorder showing association between the DAOA/G30 locus and persecutory delusions : a first step toward a molecular genetic classification of psychiatric phenotypes. *Am. J. Psychiatry* 162, 1-8 (2005)
- Schumacher, J.*, Klopp, N., Illig, T.: Investigation of the DAOA/G30 locus in panic disorder. *Mol. Psychiatr.*, 1-2 (2004)
- Schumacher, J.*, Klopp, N., Illig, T.: Evidence for a relationship between genetic variants at the brain-derived neurotrophic factor(BDNF) locus and major depression. *Biol. Psychiatr.* 58, 307-314 (2005)
- Schunkert, H.*, Döring, A., Kuch, B.*, Holmer, S.*, Luchner, A.*, Muscholl, M.*, Fischer, M.*, Hengstenberg, C.*, Riegger, G.A.*, Hense, H.-W.*: Cardiovascular phenotypes and functional parameters in the general population - results of the MONICA/KORA studies. *Gesundheitswesen* 67 (Sonderheft 1), 74-78 (2005)

Schweinfurth, H.* , Reimann, R.* , Wolff, T.: Letter to the Editor. *Mutat. Res.-Rev. Mutat.* 566, 263-265 (2004)

Seemann, M.D.* , Schmid, F.* , Englmeier, K.-H.: Hybrid rendering of aortic aneurysms after endoluminal stent-graft repair. *Eur. J. Med. Res.* 10, 195-196 (2005)

Sehy, U., Schloter, M., Bothe, H.* , Munch, J.C.: N2O emissions and denitrification from soil. *Microbiological Methods for Assessing Soil Quality*, Bloem, J. [Ed.], : CAB International, 150-157 (2005)

Seidl, C.* , Schröck, H.* , Seidenschwang, S.* , Beck, R.* , Schmid, E., Abend, M.* , Becker, K.-F., Apostolidis, C.* , Nikula, T.K.* , Kremmer, E., Schwaiger, M.* , Senekowitsch-Schmidke, R.*: Cell death triggered by alpha-emitting 213Bi-immunoconjugates in HSC45-M2 gastric cancer cells is different from apoptotic cell death. *Eur. J. Nucl. Med. Mol. Imag.* 32, 274-285 (2005)

Seifarth, W.* , Frank, O.* , Zeilfelder, U.* , Spiess, B.* , Greenwood, A.D.* , Hehlmann, R.* , Leib-Mösch, C.: Comprehensive analysis of human endogenous retrovirus transcriptional activity in human tissues with a retrovirus-specific microarray. *J. Virol.* 79, 341-352 (2005)

Selesi, D., Schmid, M., Hartmann, A.: Diversity of Green-Like and Red-like ribulose-1,5-bisphosphate carboxylase/oxygenase large-subunit genes (cbbL) in differently managed agricultural soils. *Appl. Environ. Microbiol.* 71, 175-184 (2005)

Seltmann, M., Horsch, M., Drobyshev, A., Chen, Y.* , Hrabé de Angelis, M., Beckers, J.: Assessment of a systematic expression profiling approach in ENU-induced mouse mutant lines. *Mamm. Genome* 16, 1-10 (2005)

Semioshkina, N., Voigt, G.* , Fesenko, S.* , Savinkov, A.* , Mukusheva, M.*: A pilot study on the transfer of 137Cs and 90Sr to horse milk and meat. *J. Environ. Radioactiv.* 85, 84-93 (2005)

Sharma, S., Aneja, M.K., Mayer, J.* , Munch, J.C., Schloter, M.: Diversity of transcripts of nitrite reductase genes (nirK and nirS) in rhizospheres of grain legumes. *Appl. Environ. Microbiol.* 71, 2001-2007 (2005)

Sharma, S., Aneja, M.K., Mayer, J.* , Munch, J.C., Schloter, M.: Characterization of bacterial community structure in rhizosphere soil of grain legumes. *Microbial. Ecol.* 49, 1-9 (2005)

Shellie, R.A.* , Welthagen, W., Zrostlikova, J.* , Spranger, J.* , Ristow, M.* , Fiehn, O.* , Zimmermann, R.: Statistical methods for comparing comprehensive two-dimensional gas chromatography-time-of-flight mass spectrometry results : Metabolomic analysis of mouse tissue extracts. *J. Chromatogr. A* 1086, 83-90 (2005)

Shen, H., Main, K.* , Kaleva, M.* , Schmidt, M.I.* , Boisen, K.* , Chellakooty, M.* , Damgaard, I.* , Virtanen, H.* , Haavisto, A.-M.* , Skakkebaek, N.* , Toppari, J.* , Schramm, K.-W.: Comparison hexachlorobenzene residues in placentas from Finland and Denmark (1997-2001). *Organohalogen Compounds ; Vol. 66*, 2825-2828 (2004)

Shen, H., Main, K.M.* , Kaleva, M.* , Virtanen, H.* , Haavisto, A.-M.* , Skakkebaek, N.E.* , Toppari, J.* , Schramm, K.-W.: Prenatal organochlorine pesticides in placentas from Finland : exposure of male infants born during 1997-2001. *Placenta* 26, 512-514 (2005)

Shinonaga, T., Schimmack, W., Gerzabek, M.H.*: Vertical migration of 60Co, 137Cs and 226Ra in agricultural soils as observed in lysimeters under crop rotation. *J. Environ. Radioactiv.* 79, 93-106 (2005)

Shishkina, E.A.*, Göksu, H.Y., El-Faramawy, N.A., Semiochkina, N.: Assessment of 90Sr concentration in dental tissue using thin-layer beta-particle detectors and verification with numerical calculations. *Radiat. Res.* 163, 462-467 (2005)

Sidorova, N.*, Smolyanov, O.G.*, von Weizsäcker, H.*, Wittich, O.: Brownian motion close to submanifolds of Riemannian manifolds. *Recent Developments in Stochastic Analysis and Related Topics. Proceedings of the First Sino-Germany Conference on Stochastic Analysis*, Albeverio, S. et al., New Jersey : World Scientific, 439-452 (2004)

Siebels, M.*, Schendel, D.: New Challenges and Chances in the Treatment of Metastatic Renal Cell Carcinoma. *World J. Urol.* 23, 153-154 (2005)

Siedlar, M.*, Szaflarska, A.*, Szczepanik, A.*, Ruggiero, I.*, Frankenberger, M., Szatanek, R.*, Czupryna, A.*, Popiela, T.*, Zembala, M.*: Depressed tumor necrosis factor alpha and interleukin-12p40 production by peripheral blood mononuclear cells of gastric cancer patients : Association with IL-1R-associated kinase-1 protein expression and disease lung stage. *Int. J. Cancer* 114, 144-152 (2005)

Siefermann-Harms, D.*, Payer, H.D., Schramel, P., Lütz, C.: The effect of ozone on the yellowing process of magnesium-deficient clonal Norway spruce grown under defined conditions. *J. Plant Physiol.* 162, 195-206 (2005)

Smulevitch, S.*, Michalowski, D.*, Zolotukhin, A.S.*, Schneider, R., Bear, J.*, Roth, P.*, Pavlakis, G.N.*, Felber, B.K.*: Structural and functional analysis of the RNA transport element, a member of an extensive family present in the mouse genome. *J. Virol.* 79, 2356-2365 (2005)

Sørensen, K.D.*, Sørensen, A.B.*, Quintanilla-Martinez, L., Kunder, S., Schmidt, J., Pedersen, F.S.*: Distinct roles of enhancer nuclear factor 1 (NF1) sites in plasmacytoma and osteopetrosis induction by Akv1-99 murine leukemia virus. *Virology* 334, 234-244 (2005)

Speicher, M.R., Carter, N.P.*: The new cytogenetics : blurring the boundaries with molecular biology. *Nat. Rev. Genet.* 6, 782-792 (2005)

Spiridonov, S.I.*, Gontarenko, I.A.*, Mukusheva, M.K.*, Fesenko, S.V.*, Semioshkina, N.A.: Prediction of 137Cs accumulation in animal products within the Semipalatinsk test site. *Radiat. Biol. Radioecol.* 45, 512-519 (2005)

Staib, C.*, Kisling, S., Erfle, V., Sutter, G.: Inactivation of the viral interleukin 1 β receptor improves CD8+ T-cell memory responses elicited upon immunization with modified vaccinia virus Ankara. *J. Gen. Virol.* 86, 1997-2006 (2005)

Stein, S., Selesi, D., Schilling, R., Pattis, I., Schmid, M., Hartmann, A.: Microbial activity and bacterial composition of H₂-treated soils with net CO₂ fixation. *Soil Biol. Biochem.* 37, 1938-1945 (2005)

Stöber, G.*, Kohlmann, B.*, Iekiera, M.*, Rubie, C.*, Gawlik, M.*, Möller-Ehrlich, K.*, Meitinger, T., Bettecken, T.: Systematic mutation analysis of KIAA0767 and KIAA1646 in chromosome 22q-linked periodic catatonia. *BMC Psychiatry* 5, 1-5 (2005)

Stocker, A., Schramel, P., Kettrup, A., Bengsch, E.: Trace and mineral elements in royal jelly and homeostatic effects. *J. Trace Elem. Med. Biol.* 19, 183-189 (2005)

Straub, T.*, Neumann, M.F.*, Prestel, M.*, Kremmer, E., Käther, Ch.*, Haass, Ch.*: Stable chromosomal association of MSL2 defines a dosage-compensated nuclear compartment. *Chromosoma* 114, 352-364 (2005)

- Sturm, K.*, Hoffmann, G.*, Langmann, B.*, Stichler, W.: Simulation of delta18O in precipitation by the regional circulation model REMOiso. *Hydrol. Process* 19, 3425-3444 (2005)
- Sunyer, J.*, Antó, J.M.*, Plana, E.*, Janson, C.*, Jarvies, D.*, Kony, S.*, Omenaas, E.R.*, Svanes, C.*, Wjst, M., Leynaert, B.: Maternal atopy and changes in parity. *Clin. Exp. Allergy* 35, 1028-1032 (2005)
- Sutthivaiyakit, P.*, Achatz, S., Lintelmann, J., Aungpradit, T.*, Chanwirat, R.*, Chumanee, S.*, Kettrup, A.: LC-MS/MS method for the confirmatory determination of aromatic amines and its application in textile analysis. *Anal. Bioanal. Chem.* 381, 268-276 (2005)
- Szymczak, W., Wolf, M., Chanel, V., Buckau, G.*: Molecular mass and size distributions of europium complexed humic substances measured by TOF-SIMS and AFFFF. FZKA-7070, Humic substances in performance assessment of nuclear waste disposal: actinide and iodine migration in the far-field. Third technical progress report, Karlsruhe : Forschungszentrum, 35-43 (2005)
- Tanaka, S.S.*, Yamaguchi, Y.L.*, Tsoi, B.*, Lickert, H., Tam, P.P.L.*: IFITM/Mil/fragilis family proteins IFITM1 and IFITM3 play distinct roles in mouse primordial germ cell homing and repulsing. *Dev. Cell* 9, 745-756 (2005)
- Taranenko, V., Zankl, M., Schlattl, H.: Voxel phantom setup in MCNPX. *The Monte Carlo Method: Versatility Unbounded in a Dynamic Computing World*, CD-ROM (2005)
- Tetko, I.V. et al. (11 Coauthors): Virtual computational chemistry laboratory - design and description. *J. Comput. Aid. Mol. Des.* 19, 453-463 (2005)
- Tetko, I.V., Brauner, B., Dunger-Kaltenbach, I., Frishman, G., Montrone, C., Fobo, G., Ruepp, A., Antonov, A.V.: MIPS Bacterial Genomes Functional Annotation Benchmark Dataset. *Nucleic Acids Res.* 21, 2520-2521 (2005)
- Tetko, I.V., Facius, A., Ruepp, A., Mewes, H.-W.: Super paramagnetic clustering of protein sequences. *BMC Bioinformatics* 6, 1-13 (2005)
- Thaqi, A., Franke, K., Merkel, G.*, Wichmann, H.-E., Heinrich, J.: Biomarkers of exposure to passive smoking of school children: frequency and determinants. *Indoor Air* 15, 302-310 (2005)
- Thaqi, A., Merkel, G.*, Wichmann, H.-E., Heinrich, J.: Sind Jugendliche in deutschen Schulen dem Tabakrauch anderer ausgesetzt? *GMS Med. Inform. Biom. Epidemiol.* 1, 1-12 (2005)
- Thorand, B., Kolb, H.*, Baumert, J., König, W.*, Chambless, L.*, Meisinger, C., Illig, T., Martin, S.*, Herder, C.*: Elevated levels of interleukin-18 predict the development of type 2 diabetes : results from the MONICA/KORA Augsburg Study, 1984-2002. *Diabetes* 54, 2932-2938 (2005)
- Thorand, B., Löwel, H., König, W.*, Kolb, H.*: Sind inflammatorische Prozesse und eine endotheliale Dysfunktion eine gemeinsame Ursache von Diabetes mellitus Typ-2 und Herzinfarkt? Untersuchungen im Rahmen der MONICA/KORA Fall-Kohorten Studie. *Lebendige Wissenschaft - Medizin Insider* 2005, 94-102 (2005)
- Thorand, B., Schneider, A., Baumert, J., Döring, A., Marowsky-Köppel, M., Heier, M., Meisinger, C., Löwel, H.: Fall-Kohorten-Studien : ein effektives Design zur Untersuchung von Biomarkern als Risikofaktoren für chronische Krankheiten - Darstellung am Beispiel der MONICA/KORA Augsburg Fall-Kohorten-Studie 1984-2002. *Gesundheitswesen* 67 (Sonderheft 1), 98-102 (2005)

- Thurston, G.D.*, Stölzel, M.: Workshop report : Workshop on source apportionment of particulate matter health effects-intercomparison of results and implications. *Environ. Health Persp.* 113, 1768-1774 (2005)
- Tischenko, O., Hoeschen, C.*, Dance, D.R.*, Hunt, R.A.*, Maidment, A.D.A.*, Bakic, P.R.*: Evaluation of a novel method of noise reduction using computer-simulated mammograms. *Radiat. Prot. Dosim.* 114, 81-84 (2005)
- Tischenko, O., Hoeschen, C., Buhr, E.*: Reduction of anatomical noise in medical X-ray images. *Radiat. Prot. Dosim.* 114, 69-74 (2005)
- Tischenko, O., Hoeschen, C., Buhr, E.: An artefact-free, structure-saving noise reduction using the correlation between two images for threshold determination in the wavelet domain. *Proceedings of SPIE ; Medical Imaging 2005*, 1066-1075 (2005)
- Tischenko, O., Hoeschen, C., Zankl, M.: Measuring and reconstructing high resolution, high contrast 3D data of a breast specimen for numerical simulations. *Proceedings of SPIE ; Medical Imaging 2005*, 722-728 (2005)
- Topp, R., Thefeld, W.*, Wichmann, H.-E., Heinrich, J.: The effect of environmental tobacco smoke exposure on allergic sensitization and allergic rhinitis in adults. *Indoor Air* 15, 222-227 (2005)
- Traidl-Hoffmann, C.*, Kasche, A., Mariani, V., Jakob, T.: Pollenassoziierte Lipidmediatoren : Botenstoffe aus Pollen mit proinflammatorischer und immunmodulatorischer Wirkung auf Zellen der allergischen Entzündung. *Allergo J.* 14, 396-401 (2005)
- Traidl-Hoffmann, C.*, Mariani, V., Hochrein, H.*, Karg, K.*, Wagner, H.*, Ring, J.*, Mueller, M.J.*, Jakob, T., Behrendt, H.: Pollen-associated phytoprostanes inhibit dendritic cell interleukin-12 production and augment T helper type 2 cell polarization. *J. Exp. Med.* 201, 627-635 (2005)
- Treml, B.S.*, Winderl, S.*, Radykewicz, R.*, Herz, M.*, Schweizer, G.*, Hutzler, P., Glawischnig, E.*, Ruiz, R.A.T.*: The gene ENHANCER OF PINOID controls cotyledon development in the Arabidopsis embryo. *Development* 132, 4063-4074 (2005)
- Trokovic, R.*, Jukkola, T.*, Saarimaki, J.*, Peltopuro, P.*, Naserke, T.*, Weisenhorn, D.M., Trokovic, N.*, Wurst, W., Partanen, J.*: Fgfr1-dependent boundary cells between developing mid- and hindbrain. *Dev. Biol.* 278, 428-439 (2005)
- Tschiersch, J., Müsch, M.: Radon exposure in homes : Is the contribution of ²²⁰Rn (Thoron) to dose always negligible? GSF-Bericht 06/05, Proceedings of the 9. International Conference on Health Effects of Incorporated Radionuclides Emphasis on Radium, Thorium, Uranium and their Daughter Products. HEIR 2004, Oeh, U. ; Roth, P. ; Paretzke, H.G. (Eds.), Neherberg : GSF-Forschungszentrum mbH, 214-220 (2005)
- Tschiersch, J., Shinonaga, T., Heuberger, H.*: Dry deposition of particulate Cs-134 to several leafy vegetable species and comparison to deposition of gaseous radioiodine. EDP Sciences / Proceedings of the International Congress organized by IRS (ECORAD 2004), 471-476 (2005)
- Ulanovsky, A., Wieser, A., Zankl, M., Jacob, P.: Photon dose conversion coefficients for the human teeth in standard irradiation geometries. GSF-Bericht 02/05, Neherberg : GSF-Forschungszentrum mbH, 61 S. (2005)
- Ulanovsky, A., Wieser, A., Zankl, M., Jacob, P.: Photon dose conversion coefficients for human teeth in standard irradiation geometries. *Health Phys.* 89, 645-659 (2005)

Urb, G.* , Teinemaa, E.* , Kettrup, A., Gebefügi, I., Laja, M.* , Reinik, J.* , Tamm, E.* , Kirso, U.*: Atmospheric pollution in Tallin : levels of priority pollutants. Proc. Estonian Acad. Sci. Chem. 54, 123-133 (2005)

Vallius, M.* , Janssen, N.A.H.* , Heinrich, J., Hoek, G.* , Ruuskanen, J.* , Cyrus, J., van Grieken, R.* , de Hartog, J.J.* , Kreyling, W.G., Pekkanen, J.*: Sources and elemental composition of ambient PM_{2.5} in three European cities. Sci. Total Environ. 337, 147-162 (2005)

van Glabbeke, M.* , Schlemmer, M.: Initial and late resistance to imatinib in advanced gastrointestinal stromal tumors are predicted by different prognostic factors : a European Organisation for Research and Treatment of Cancer-Italian sarcoma Group-Australasian gastrointestinal trials group study. J. Clin. Oncol. 23, 5795-5804 (2005)

Vanderauwera, S.* , Zimmermann, P.* , Rombauts, S.* , Vandenabeele, S.* , Langebartels, C., Gruissem, W.* , Inzé, D.* , Van Breusegem, F.*: Genome-wide analysis of hydrogen peroxide-regulated gene expression in Arabidopsis reveals a high light-induced transcriptional cluster involved in anthocyanin biosynthesis. Plant Physiol. 139, 806-821 (2005)

Vereecken, H.* , Burauel, P.* , Munch, J.C., Priesack, E., Schurr, U.*: "Biogeosystems: dynamics, adaption and adjustment" - programme 4 within the Helmholtz research field "Earth and Environment". Gaia 13, 67-69 (2004)

Vetter, W.* , Hahn, M.E.* , Tomy, G.* , Ruppe, S.* , Vatter, S.* , Chahbane, N., Lenoir, D., Schramm, K.-W., Scherer, G.*: Biological activity and physicochemical parameters of marine halogenated natural products 2,3,3',4,4',5,5'-heptachloro-1'-methyl-1,2'-bipyrrole and 2,4,6-tribromoanisole. Arch. Environ. Cont. Toxicol. 48, 1-9 (2004)

Vieth, A.* , Kästner, M.* , Schirmer, M.* , Weiß, H.* , Gödeke, S.* , Meckenstock, R.U., Richnow, H.H.*: Monitoring in situ biodegradation of benzene and toluene by stable carbon isotope fractionation. Environ. Toxicol. Chem. 24, 51-60 (2005)

Voigt, K., Brüggemann, R.* , Pudenz, S.* , Scherb, H.: Environmental contamination with endocrine disruptors and pharmaceuticals : an environmetrical evaluation approach. Proceedings of the 19. International Conference Informatics for Environmental Protection. Part 2. Informatics for Environmental Protection: Networking Environmental Information, Hrebicek, J. et al. [Ed.], 858-862 (2005)

Voigt, K., Brüggemann, R.* , Pudenz, S.*: Application of computer-aided decision tools concerning environmental pollution with pharmaceuticals. System Research ; Vol. 42, Applications of informatics in environment engineering and medicine, Studzinski, J. et al. [Ed.], 135-146 (2005)

Voigt, K., Brüggemann, R.*: Water contamination with pharmaceuticals : data availability and evaluation approach with Hasse diagram technique and METEOR. MATCH Commun. Math. Comput. Chem. 54, 671-689 (2005)

Vollmert, C., Behrendt, H.: Bacterial activity of flucloxacillin against Staphylococcus aureus in primary keratinocyte cultures of lesional and unaffected skin of patients suffering from atopic dermatitis. Exp. Dermatol. 14, 215-224 (2005)

von Bubnoff, N.* , Barwisch, S.* , Speicher, M.R., Peschel, C.* , Duyster, J.*: A cell-based screening strategy that predicts mutations in oncogenic tyrosine kinases : Implications for clinical resistance in targeted cancer treatment. Cell Cycle 4, 147-153 (2005)

von Klot-Heydenfeldt, S.: Individual activities as triggers of acute myocardial infarction : The role of strenuous exertion. Materialien zur Epidemiologie ; Band 9, Wichmann, H.-E. ; Heilmaier, H.E. [Hrsg.], Regensburg : S. Roderer Verl., 123 S. (2005)

von Rad, U., Müller, M.J.* , Durner, J.: Evaluation of natural and synthetic stimulants of plant immunity by microarray technology. New Phytol. 165, 191-202 (2005)

- Voshaar, T.H.* , Heyder, J., Köhler, D.* , Krug, N.* , Nowak, D.* , Scheuch, G.* , Schulz, H., Witt, C.*: Partikuläre Luftverunreinigung und ihre Folgen für die menschliche Gesundheit : Stellungnahme der deutschen Gesellschaft für Pneumologie (DGP) zur aktuellen Feinstaub-Diskussion. *Pneumologie* 59, 470-476 (2005)
- Wagner, D.* , Lipski, A.* , Embacher, A., Gattinger, A.: Methane fluxes in permafrost habitats of the Lena Delta : effects of microbial community structure and organic matter quality. *Environ. Microbiol.* 9, 1319-1330 (2005)
- Wahl, M.B., Heinzmann, U., Imai, K.: LongSAGE analysis revealed the presence of a large number of novel antisense genes in the mouse genome. *Bioinformatics* 21, 1389-1392 (2005)
- Wahl, M.B., Heinzmann, U., Imai, K.: LongSAGE analysis significantly improves genome annotation : identifications of novel genes and alternative transcripts in the mouse. *Bioinformatics* 21, 1393-1400 (2005)
- Wang, J.* , Xie, P.* , Kettrup, A., Schramm, K.-W.*: Evaluation of soot particles of biomass fuels with endocrine-modulating activity in yeast-based bioassay. *Anal. Bioanal. Chem.* 381, 1609-1618 (2005)
- Wang, K.S.* , Zahn, L.E.* , Favor, J., Huang, K.M.* , Stambolian, D.*: Genetic and phenotypic analysis of Tcm, a mutation affecting early eye development. *Mamm. Genome* 16, 332-343 (2005)
- Wang, Y., Tetko, I.V., Hall, M.A., Frank, E., Facius, A., Mayer, K.F.X., Mewes, H.-W.: Gene selection from microarray data for cancer classification—a machine learning approach. *Comput. Biol. Chem.* 29, 37-46 (2005)
- Weidinger, S.* , Klopp, N., Darsow, U., Jakob, T., Heinrich, J., Behrendt, H., Wichmann, H.E., Illig, T.: Association of CARD15 polymorphisms with atopy-related traits in a population-based cohort of Caucasian adults. *Clin. Exp. Allergy* 35, 866-872 (2005)
- Weidinger, S.* , Klopp, N., Heinrich, J., Jakob, T., Behrendt, H., Wichmann, H.E., Ring, J., Illig, T.: Association of NOD1 polymorphisms with atopic eczema and related phenotypes. *J. Allergy Clin. Immunol.* 116, 177-184 (2005)
- Weidinger, S.* , Krämer, U.* , Dunemann, L.* , Möhrenschräger, M.* , Ring, J.* , Behrendt, H.: Body burden of mercury is associated with acute atopic eczema and total IgE in children from Southern Germany. *J. Allergy Clin. Immunol.* 114, 457-459 (2004)
- Weidinger, S., Klopp, N., Fischer, G., Holle, R., Jakob, T., Behrendt, H., Wichmann, H.E., Illig, T. (14 Coauthors): Association study of mast cell chymase polymorphisms with atopy. *Allergy* 60, 1256-1261 (2005)
- Weiss, C.* , Faust, D.* , Dürk, H.* , Kolluri, S.K.* , Pelzer, A.* , Schneider, S.* , Dietrich, C.* , Oesch, F.* , Göttlicher, M.: TCDD induces c-jun expression via a novel Ah (dioxin) receptor-mediated p38-MAPK-dependent pathway. *Oncogene* 24, 4975-4983 (2005)
- Weissenbacher, S., Bacon, T.* , Targett, D.* , Behrendt, H., Ring, J.* , Darsow, U.: Atopy patch test - reproducibility and elicitation of itch in different application sites. *Acta Derm. Venerol.* 85, 147-151 (2005)
- Welte, R., Postma, M.* , Leidl, R., Kretzschmar, M.*: Costs and effects of chlamydial screening : Dynamic versus static modeling. *Sex. Transm. Dis.* 32, 474-483 (2005)
- Welte, R., Trotter, C.* , Edmunds, W.* , Postma, M.J.* , Beutels, P.*: The Role of Economic Evaluation in Vaccine Decision Making. *Pharmacoeconomics* 23, 855-874 (2005)

Welte, R., van den Dobbelsteen, G.* , Bos, J.M.* , de Melker, H.* , van Alphen, L.* , Spanjaard, L.* , Rümke, H.C.* , Postma, M.J.*: Economic evaluation of meningococcal serogroup C conjugate vaccination programmes in The Netherlands and its impact on decision-making. *Vaccine* 23, 470-479 (2004)

Welthagen, W., Schnelle-Kreis, J.* , Zimmermann, R.: Group classification method for PM2.5 aerosols analysed with comprehensive two-dimensional gas chromatography (GCxGC TOF MS). *J. Aerosol Sci.* 35 (Suppl.1), 17-19 (2004)

Welthagen, W., Schnelle-Kreis, J.* , Zimmermann, R.: Search criteria and rules for analysis of comprehensive two-dimensional gas chromatography-TOF mass spectrometry data. Proceedings of the 27. International Symposium on Capillary Chromatography, Sandra, T. ; Sandra, P., CD-ROM (2004)

Welthagen, W., Shellie, R.A.* , Spranger, J.* , Ristow, M.* , Zimmermann, R., Fiehn, O.*: Comprehensive two-dimensional gas chromatography-time-of-flight mass spectrometry (GC x GC-TOF) for high resolution metabolomics : biomarker discovery on spleen tissue extracts of obese NZO compared to lean C57BL/6 mice. *Metabolomics* 1, 65-73 (2005)

Wermter, A.K. et al. (30 Coauthors), Hebebrand, J.*: Mutation analysis of the MCHR1 gene in human obesity. *Eur. J. Endocrinol.* 152, 851-862 (2005)

Werner, A.* , Reitmeir, P., John, J.: Kassenwechsel und Risikostrukturausgleich in der gesetzlichen Krankenversicherung - empirische Befunde der Kooperativen Gesundheitsforschung in der Region Augsburg (KORA). *Gesundheitswesen* 67 (Sonderheft 1), 158-166 (2005)

Werner, C., Raivich, G.* , Cowen, M.* , Strelakova, T.* , Sillaber, I.* , Buters, J.T., Hofmann, F.: Importance of NO/cGMP signalling via cGMP-dependent protein kinase II for controlling emotionality and neurobehavioural effects of alcohol. *Eur. J. Neurosci.* 20, 3498-3506 (2004)

Wessels Perelo, L.* , Munch, J.-C.: Microbial immobilisation and turnover of ¹³C labelled substrates in two arable soils under field and laboratory conditions. *Soil Biol. Biochem.* 37, 2263-2272 (2005)

Wichmann, E.: Epidemiologie, Ethik und Datenschutz. *Public Health Forum* 13, 4-6 (2005)

Wichmann, H.-E., Gieger, C., Illig, T.: KORA-gen - Resource for population genetics, controls and a broad spectrum of disease phenotypes. *Gesundheitswesen* 67 (Sonderheft 1), 26-30 (2005)

Wichmann, H.-E., Gieger, C., Illig, T.: KORA-gen : Ressource für Populationsgenetik, Kontrollen und ein weites Spektrum an Krankheitsphänotypen. *GenomXPress* 3/05, 19-21 (2005)

Wichmann, H.-E., Leidl, R., van Eimeren, W., Jahreis, H., Afting, E.-G.: Vorwort...Gesundheitswesen 2005. *Gesundheitswesen* 67 (Sonderheft 1), 1-3 (2005)

Wichmann, H.-E., Schaffrath Rosario, A., Heid, I.M., Kreuzer, M.* , Heinrich, J., Kreienbrock, L.*: Lung cancer risk due to radon in dwellings-evaluation of the epidemiological knowledge. *International Congress Series ; 1276, High levels of natural radiation and radon areas: Radiation dose and health effects*, Sugahara, T. et al. [Eds.], : elsevier, 54-57 (2005)

Wichmann, H.-E., Schaffrath-Rosario, A., Heid, I.M., Kreuzer, M.* , Heinrich, J., Kreienbrock, L.*: Increased lung cancer risk due to residential radon in a pooled and extended analysis of studies in Germany. *Health Phys.* 88, 71-79 (2005)

Wichmann, H.-E.: Institut für Epidemiologie: Die Forschungsaktivitäten des Institutes. Jahresbericht 2003, Neuherberg : GSF-Forschungszentrum mbH, 135-140 (2004)

Wichmann, H.-E.: Genetic epidemiology in Germany : from biobanking to genetic statistic. *Method. Inform. Med.* 4, 584-589 (2005)

Wichmann, H.-E.: Epidemiologie, Ethik und Datenschutz. *Public Health Forum* 13 (Heft 47), 4-6 (2005)

Wichmann, H.-E.: Epidemiology of ultrafine particles. BIA-Report 7/2003e, BIA-Workshop "Ultrafine aerosols at workplaces", Möhlmann, C., 59-92 (2004)

Wichmann, H.-E.: Feinstaub : Lufthygienisches Problem Nr.1 - eine aktuelle Übersicht. *Umweltmed. Forsch. Prax.* 10, 157-162 (2005)

Wick, R.R., Nokolla, E.A.*: Long term investigation of late effects in ankylosing spondylitis patients treated with Radium-224. GSF-Bericht 06/05, Proceedings of the 9. International Conference on Health Effects of Incorporated Radionuclides Emphasis on Radium, Thorium, Uranium and their Daughter Products. HEIR 2004, Oeh, U. ; Roth, P. ; Paretzke, H.G. (Eds.), Neuherberg : GSF-Forschungszentrum mbH, 75-81 (2005)

Wiech, T.* , Walch, A., Werner, M.*: Histopathological Classification of Nonneoplastic and Neoplastic Gastrointestinal Submucosal Lesions. *Endoscopy* 37, 630-634 (2005)

Wienberg, J.: Fluorescence in situ hybridization to chromosomes as a tool to understand human and primate genome evolution. *Cytogenet. Genome Res.* 108, 139-160 (2005)

Wieser, A. et al. (32 Coauthors): The 3. International intercomparison on EPR tooth dosimetry: Part 1, general analysis. *Appl. Radiat. Isotopes* 62, 163-171 (2005)

Wiesner, M., Zentz, C., Hammer, M.H.* , Cobbold, M.* , Kern, F.* , Kolb, H.-J., Hammerschmidt, W., Zeidler, R.* , Moosmann, A.: Selection of CMC-specific CD8+ and CD4+ T cells by mini-EBV-transformed B cell lines. *Eur. J. Immunol.* 35, 2110-2121 (2005)

Wildner, M.* , Döring, A., Meisinger, C., Clark, D.E.*: Frakturen im höheren Lebensalter - eine Herausforderung für Prävention und Gesundheitsförderung - Ergebnisse der KORA-Frakturstudie Augsburg. *Gesundheitswesen* 67 (Sonderheft 1), 180-186 (2005)

Wilke, B.-M.* , Mai, M.* , Gattinger, A., Schloter, M., Gong, P.*: Effects of fresh and aged copper contaminations on soil microorganisms. *J. Plant Nutr. Soil Sci.* 168, 668-675 (2005)

Wilkinson, M.* , Schoof, H., Ernst, R., Haase, D.: BioMOBY successfully integrates distributed heterogeneous bioinformatics Web services. The plaNet exemplar case. *Plant Physiol.* 138, 5-17 (2005)

Willenbrock, K.* , Jungnickel, B., Hansmann, M.-L.* , Küppers, R.*: Human Splenic marginal zone B cells lack expression of activation-induced cytidine deaminase. *Eur. J. Immunol.* 35, 3002-3007 (2005)

Wing Han Au, D.*, Crossley, T.F.*, Schellhorn, M.: The effect of health changes and long-term health on the work activity of older Canadians. *Health Econ* 14, 999-1018 (2005)

Winkler, G., Kempe, A.*, Liebscher, V., Wittich, O.: Parsimonious segmentation of time series by potts models. *Innovations in Classification, Data Science and Information Systems: Proceedings of the 27. Annual Conference of the Gesellschaft für Klassifikation e.V. Brandenburg, Baier, D. [Hrsg.], Berlin : Springer, 295-302 (2005)*

Winkler, G., Wittich, O., Liebscher, V., Kempe, A.: Don't shed tears over breaks. *Jahresbericht der DMV, Stuttgart : Teubner B.G. Verl., 57-87 (2005)*

Wittmaack, K., Strigl, M.*: Novel approach to identifying supersaturated metastable ambient aerosol particles. *Environ. Sci. Technol.* 39, 8177-8184 (2005)

Wittmaack, K., Wehnes, H., Heinzmann, U., Agerer, R.*: An overview on bioaerosols viewed by scanning electron microscopy. *Sci. Total Environ.* 346, 244-255 (2005)

Wittmaack, K.: Combustion characteristics of water-insoluble elemental and organic carbon size selected ambient aerosol particles. *Atmos. Chem. Phys.* 5, 1905-1913 (2005)

Wittmaack, K.: Penalties plus high-quality review to fight plagiarism. *Correspondence in Nature* 436, S.24 (2005)

Wittmaack, K.: Concept and validation of a novel approach for producing large batches of reference material of ambient aerosols on filters. *Anal. Bioanal. Chem.* 381, 702-712 (2005)

Wittmaack, K.: Brochosomes produced by leafhoppers-a widely unknown, yet highly abundant species of bioaerosols in ambient air. *Atmos. Environ.* 39, 1173-1180 (2005)

Wjst, M., André, E.: Latitude, birth date and allergy. *PLoS Med.* 2, 978-986 (2005)

Wjst, M.: Anonymizing personal identifiers in genetic epidemiologic studies. *Epidemiology* 16, S. 131 (2005)

Wjst, M.: Variants in the vitamin D receptor gene and asthma. *BMC Genetics* 6, 1-8 (2005)

Wjst, M.: Another explanation for the low allergy rate in the rural Alpine foothills. *BMC Clin. Mol. Allergy* 3, 7 S. (2005)

Wolf, H.E.*, Kuulasmaa, K.*, Tolonen, H.*, Sans, S.*, Molarius, A.*, Eastwood, B.J.*, Keil, U., WHO MONICA Project: Effect of sampling frames on response rates in the WHO MONICA risk factor surveys. *Eur. J. Epidemiol.* 20, 293-299 (2005)

Wolf, I.*, Zankl, M., Scheidhauer, K.*, Vabuliene, E.*, Regulla, D., von Schilling, C.*, Schwaiger, M.*: Determination of individual S-values for ¹³¹I using segmented CT data and the EGS4 Monte Carlo code. *Cancer Biother. Radiopharm.* 20, 98-102 (2005)

Wolf, M., Buckau, G.*, Chanel, V.: Asymmetrical flow field-flow fractionation of humic substances : comparison of polyacrylic acids and polystyrene sulfonates as molar mass standards. *Humic Substances: Molecular Details and Applications in Land and Water Conservation*, Ghabbour, E.A. ; Davis, G. [Eds.], London : Taylor & Francis, 23-33 (2005)

Wolf, U.*, Oberwöhrmann, S.*, Roßkamp, E.*, Schulz, C.*, Voigt, M.*, Wölke, G., Filipiak-Pittroff, B.: Kinder-Umwelt-Survey - das Umweltmodul im KiGGS. *Bundesgesundheitsbl.-Gesundheitsforsch.-Gesundheitsschutz* 47, 1073-1077 (2004)

Wong, M.H.*, Cheung, K.C.*, Yediler, A., Wong, C.K.C.*: The dyke-pond systems in South China : Past, present and future. *Developments in Ecosystems ; Vol. 1*, Wong, M.H. [Ed.], London : Elsevier, 47-66 (2004)

Wong, P., Fritz, A.*, Frishman, D.: Designability, aggregation propensity and duplication of disease-associated proteins. *Protein Eng. Des. Sel.* 18, 503-508 (2005)

Wurst, W.: Mouse geneticists need European strategy too. *Nature* 433, S. 13 (2005)

Wust, P.*, Molls, M.*: Hyperthermie in Kombination mit Radiotherapie oder Chemotherapie. *Internistische Onkologie: Standards in Diagnostik und Therapie. Teil 1: Epidemiologie, Tumorbiologie, Zytostatika, Prinzipien der Tumortherapie, Supportive Maßnahmen*, Schmoll, H.-J. et al. [Hrsg.], Berlin : Springer, 607-618 (2005)

Yamamoto, K.*, Arakawa, H., Buerstedde, J.-M.: Fanconi anemia protein FANCD2 promotes immunoglobulin gene conversion and DNA repair through a mechanism related to homologous recombination. *Mol. Cell. Biol.* 25, 34-43 (2005)

Yang, F.-X.*, Xu, Y.*, Pfister, G., Henkelmann, B., Schramm, K.-W.: Nonylphenol, bisphenyl-A and DDTs in Lake Donghu, China. *Fres. Environ. Bull.* 14, 173-180 (2005)

Yang, Q.*, Yediler, A., Yang, M.*, Kettrup, A.: Decolorization of an azo dye, Reactive Black 5 and MnP production by yeast isolate : *Debaryomyces polymorphus*. *Biochem. Eng. J.* 24, 249-253 (2005)

Yarnell, J.*, McCrum, E.*, Rumley, A.*, Patterson, C.*, Salomaa, V.*, Lowe, G.*, Evans, A.*, Koenig, W.*, Hense, H.W.*, Döring, A.: Association of European population levels of thrombotic and inflammatory factors with risk of coronary heart disease : the MONICA optional haemostasis study. *Eur. Heart J.* 26, 332-342 (2005)

Yu, M.*, Schreck, S.*, Cerni, Ch.*, Schamberger, Ch.*, Lesniewicz, K.*, Poreba, E.*, Vervoorts, J.*, Walsemann, G.*, Grötzinger, J.*, Kremmer, E., Mehraein, Y.*: PARP-10, a novel Myc-interacting protein with poly(ADP-ribose) polymerase activity, inhibits transformation. *Oncogene* 24, 1982-1993 (2005)

Yu, P. et al. (30 Couthors), Mudde, G.C.: Autoimmunity and inflammation due to a gain-of-function mutation in phospholipase Cgamma2 that specifically increases external Ca²⁺ entry. *Immunity* 22, 451-465 (2005)

Zalberg, J.R.*, Verweij, J.*, Casali, P.G.*, Le Cesne, A.*, Reichardt, P.*, Blay, J.-Y.*, Schlemmer, M., van Glabbeke, M.*, Brown, M.*, Judson, I.R.*: Outcome of patients with advanced gastro-intestinal stromal tumours crossing over to a daily imatinib dose 800 mg after progression on 400 mg. *Eur. J. Cancer* 41, 1751-1757 (2005)

Zankl, M., Becker, J., Fill, U., Petoussi-Henss, N., Eckerman, K.F.*: GSF male and female adult voxel models representing ICRP reference man - the present status. *The Monte Carlo Method: Versatility Unbounded in a Dynamic Computing World*, CD-ROM (2005)

Zankl, M., Fill, U., Hoeschen, C., Panzer, W., Regulla, D.: Average glandular dose conversion coefficients for segmented breast voxel models. *Radiat. Prot. Dosim.* 114, 410-414 (2005)

Zarkovic, G.*, Satzinger, W.: No role for NGOs in improving the performance of health care systems?: A case study from Bosnia and Herzegovina. *eurohealth* 11, 1-5 (2005)

Zebhauser, R.*, Kammerer, R., Eisenried, A.*, McLellan, A.*, Moore, T.*, Zimmermann, W.*: Identification of a novel group of evolutionarily conserved members within the rapidly diverging murine Cea family. *Genomics* 86, 566-580 (2005)

Zhang, F.*, Yediler, A., Liang, X.*, Kettrup, A.: Effects of dye additives on the ozonation process and oxidation by-products : a comparative study using hydrolyzed C.I. Reactive Red 120. *Dyes Pigments* 60, 1-7 (2004)

Zhilin, D.M.*, Schmitt-Kopplin, P., Perminova, I.V.*: Reduction of Cr(VI) by peat and coal humic substances. *Environ. Chem. Lett.* 2, 141-145 (2004)

Zhou, J.*, Chau, C.M.*, Deng, Z.*, Shiekhattar, R.*, Spindler, M.-P., Schepers, A., Lieberman, P.M.*: Cell cycle regulation of chromatin at an origin of DNA replication. *EMBO J.* 24, 1406-1417 (2005)

Zhu, C., Schraut, D.*, Hartung, W.*, Schäffner, A.R.: Differential responses of maize MIP genes to salt stress and ABA. *J. Exp. Bot.* 56, 2971-2981 (2005)

Zimmermann, R.: Laser ionisation mass spectrometry for on-line analysis of complex gas mixtures and combustion effluents. *Anal. Bioanal. Chem.* 381, 57-60 (2005)

zu Castell, W., Filbir, F., Szwarz, R.*: Strictly positive definite functions in R^d . *J. Approx. Theory* 137, 277-280 (2005)

zu Castell, W., Filbir, F.: Radial basis functions and corresponding zonal series expansions on the sphere. *J. Approx. Theory* 134, 65-79 (2005)

zu Castell, W., Filbir, F.: Inzell lectures on orthogonal polynomials. , zu Castell, W. ; Filbir, F. ; Forster, B. [Eds.], New York : Nova Science Publ., 199 S. (2005)

zu Castell, W., Schrödl, S., Seifert, T.*: Volume interpolation of CT images from tree trunks. *Plant Biol.* 7, 737-744 (2005)

Zutavern, A.*, Hirsch, T.*, Leupold, W.*, Weiland, S., Keil, U., von Mutius, E.*: Atopic dermatitis, extrinsic atopic dermatitis and the hygiene hypothesis : results from a cross-sectional study. *Clin. Exp. Allergy* 35, 1301-1308 (2005)

Zverlov, V.V.*, Schantz, N.*, Schmitt-Kopplin, P., Schwartz, W.H.*: Two new major subunits in the cellulosome of *Clostridium thermocellum* : xyloglucanase Xgh74A and endoxylanase Xyn10D. *Microbiology* 151, 3395-3401 (2005)