

# Veröffentlichungen 2011

des Helmholtz-Zentrums für Umweltforschung GmbH – UFZ

Forschungsbereich Gesundheit

Forschen für die Umwelt

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## Vorbemerkung

Das vorliegende Veröffentlichungsverzeichnis umfasst die im Jahre 2011 erschienenen Publikationen des Forschungsbereichs Gesundheit, die von Mitarbeitern der Helmholtz-Zentrum für Umweltforschung GmbH - UFZ verfasst, mitverfasst oder herausgegeben wurden.

Redaktionsschluss für diese Publikationsliste war der 19. Juni 2012.

Im Unterschied zu externen Autoren sind UFZ Angehörige bei allen Publikationen durch **fette Schrift** hervorgehoben.

Das anschließende alphabetische Register verzeichnet alle UFZ Autoren mit den jeweiligen laufenden Nummern ihrer Publikationen.

Bei den Publikationen aus Zeitschriften mit Impact Factor (IF) werden diese mit aufgeführt. Der IF wird berechnet durch Division der Anzahl der Zitate von Aufsätzen der Zeitschrift durch die Gesamtzahl an Aufsätzen der Zeitschrift in den letzten zwei Jahren. Um einen Impact Factor zu erhalten muss die Zeitschrift im Scientific Citation Index gelistet sein.

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## Zeitschriften mit Impact Factor

1. Bauer, S., **Krumbiegel, P., Richter, M.**, Richter, T., **Röder, S., Rolle-Kampczyk, U.**, Herbarth, P. (2011):  
Influence of sociodemographic factors on *Helicobacter pylori* prevalence variability among schoolchildren in Leipzig, Germany. A long- term follow- up study  
*Cent.Eur.J.Public Health* **19** (1), 42 - 45  
Impact Factor: -
2. Biddie, S.C., John, S., Sabo, P.J., Thurman, R.E., Johnson, T.A., Schiltz, R.L., Miranda, T.B., Sung, M.H., **Trump, S.**, Lightman, S.L., Vinson, C., Stamatoyannopoulos, J.A., Hager, G.L. (2011):  
Transcription factor AP1 potentiates chromatin accessibility and glucocorticoid receptor binding  
*Mol. Cell* **43** (1), 145 - 155  
Impact Factor: 14.194
3. Breitfelder, A., Wenig, C.W., Wolfenstetter, S.B., Rzehak, P., Menn, P., John, J., Leidl, R., Bauer, C.P., Koletzko, S., **Röder, S., Herbarth, O.**, von Berg, A., Berdel, D., Krämer, U., Schaaf, B., Wichmann, H.E., Heinrich, J. (2011):  
Relative weight- related costs of healthcare use by children- Results from the two German birth cohorts, GINI- plus and LISA- plus  
*Economics & Human Biology* **9** (3), 302 - 315  
Impact Factor: 2.016
4. Breitner, S., Liu, L., Cyrus, J., Brueske, I., **Franck, U., Schlink, U., Leitte, A.M.**, Herbarth, O., Wiedensohler, A., Wehner, B., Hu, M., Pan, X.C., Wichmann, H.E., Peters, A. (2011):  
Sub- micrometer particulate air pollution and cardiovascular mortality in Beijing, China  
*Sci.Total Environ.* **409** (24), 5196 - 5204  
Impact Factor: 3.19
5. **Busch, W.**, Bastian, S., **Trahorsch, U.**, Iwe, M., **Kühnel, D.**, Meißner, T., Springer, A., Gelinsky, M., Richter, V., Ikonomidou, C. (2011):  
Internalisation of engineered nanoparticles into mammalian cells in vitro: influence of cell type and particle properties  
*J.Nanopart.Res.* **13** (1), 293 - 310  
Impact Factor: 2.478

6. Cramer, C., Link, E., Bauer, C.P., Hoffmann, U., von Berg, A., **Lehmann, I., Herbarth, O., Borte, M.**, Schaaf, B., Sausenthaler, S., Wichmann, H.E., Heinrich, J., Krämer, U. (2011):  
Association between attendance of day care centres and increased prevalence of eczema in the German birth cohort study LISApplus  
*Allergy* **66** (1), 68 - 75  
Impact Factor: 6.297
7. **Dautel, F., Kalkhof, S., Trump, S.**, Michaelson, J., Beyer, A., **Lehmann, I., von Bergen, M.** (2011):  
DIGE- based protein expression analysis of B[a]P- exposed hepatoma cells reveals a complex stress response including alterations in oxidative stress, cell cycle control, and cytoskeleton motility at toxic and subacute concentrations  
*J.Proteome Res.* **10** (2), 379 - 393  
Impact Factor: 5.46
8. Dietrich, A., Blüher, M., Jonas, S., Shang, E., Till, H., **von Bergen, M., Oberbach, A.** (2011):  
Metabolic effects of sleeve gastrectomy on different serum proteins  
*Obes. Surg.* **21** (8), 1064 - 1064  
Impact Factor: 3.078
9. Filipiak- Pittroff, B., Schnopp, C., Berdel, D., Naumann, A., Sedlmeier, S., Onken, A., Rodriguez, E., Foelster- Holst, R., Baurecht, H., Ollert, M., Ring, J., Cramer, C., von Berg, A., Bauer, C.P., Herbarth, O., **Lehmann, I.**, Schaaf, B., Koletzko, S., Wichmann, H.E., Heinrich, J., Weidinger, S. (2011):  
Predictive value of food sensitization and filaggrin mutations in children with eczema  
*J. Allergy Clin. Immunol.* **128** (6), 1235 - 1241.e5  
Impact Factor: 9.273
10. **Franck, U., Herbarth, O., Röder, S., Schlink, U., Borte, M.**, Diez, U., Krämer, U., **Lehmann, I.** (2011):  
Respiratory effects of indoor particles in young children are size dependent  
*Sci.Total Environ.* **409** (9), 1621 - 1631  
Impact Factor: 3.19
11. **Franck, U.**, Odeh, S., Wiedensohler, A., Wehner, B., Herbarth, O. (2011):  
The effect of particle size on cardiovascular disorders — the smaller the worse  
*Sci.Total Environ.* **409** (20), 4217 - 4221  
Impact Factor: 3.19

12. Georgieva, D., **Seifert, J.**, Ohler, M., **von Bergen, M.**, Spencer, P., Arni, R.K., Genov, N., Betzel, C. (2011):  
Pseudechis australis venomics: adaptation for a defense against microbial pathogens and recruitment of body transferrin  
*J. Proteome Res.* **10** (5), 2440 - 2464  
Impact Factor: 5.46
13. Herbarth, O., **Matysik, S.** (2010):  
Decreasing concentrations of volatile organic compounds (VOC) emitted following home renovations  
*Indoor Air* **20** (2), 141 - 146  
Impact Factor: 2.891
14. Herbarth, O., **Müller, A.** (2011):  
Allergien durch Schimmelpilze: Ergebnisse aus epidemiologischen, umweltmedizinischen und interventionellen Studie  
*Allergologie* **34** (1), 3 - 9  
Impact Factor: 0.143
15. **Herberth, G., Hinz, D.,** Roder, S., **Schlink, U.,** Sack, U., Diez, U., Borte, M., **Lehmann, I.** (2011):  
Maternal immune status in pregnancy is related to offspring's immune responses and atopy risk  
*Allergy* **66** (8), 1065 - 1074  
Impact Factor: 6.297
16. Hösler, N., **Hackermüller, J., Reiche, K.,** Horn, F. (2011):  
Identification of ncRNAs regulating differentiation and function of CD4+ T cells.  
PS2-061  
*Cytokine* **56** (1), 81 - 81  
Impact Factor: 3.537
17. Kohlboeck, G., Glaser, C., Tiesler, C., Demmelmair, H., Standl, M., Romanos, M., Koletzko, B., **Lehmann, I.,** Heinrich, J. (2011):  
Effect of fatty acid status in cord blood serum on children's behavioral difficulties at 10 y of age: results from the LISApplus Study  
*Am. J. Clin. Nutr.* **94** (6), 1592 - 1599  
Impact Factor: 6.606
18. Kruber, P., **Trump, S.,** Behrens, J., **Lehmann, I.** (2011):  
T-2 toxin is a cytochrome P450 1A1 inducer and leads to MAPK/ p38- but not aryl hydrocarbon receptor- dependent interleukin-8 secretion in the human intestinal epithelial cell line Caco-2  
*Toxicology* **284** (1-3), 34 - 41  
Impact Factor: 3.641

19. **Kuntze, K., Kiefer, P., Baumann, S., Seifert, J., von Bergen, M., Vorholt, J.A., Boll, M.** (2011):  
Enzymes involved in the anaerobic degradation of meta- substituted halobenzoates  
*Mol. Microbiol.* **82** (3), 758 - 769  
Impact Factor: 4.819
20. **Leitte, A.M., Schlink, U., Herbarth, O., Wiedensohler, A., Pan, X.C., Hu, M., Richter, M., Wehner, B., Tuch, T., Wu, Z., Yang, M., Liu, L., Breitner, S., Cyrus, J., Peters, A., Wichmann, H.E., Franck, U.** (2011):  
Size segregated particle number concentrations and respiratory emergency room visits in Beijing, China  
*Environ. Health Perspect.* **119** (4), 508 - 513  
Impact Factor: 6.087
21. Liu, L., Breitner, S., Pan, X., **Franck, U., Leitte, A.M.,** Wiedensohler, A., von Klot, S., Wichmann, H.E., Peters, A., Schneider, A. (2011):  
Associations between air temperature and cardio- respiratory mortality in the urban area of Beijing, China: a time- series analysis  
*Environ. Health* **10** (May ), 51  
Impact Factor: 2.481
22. **Mai, J., Trump, S.,** Ali, R., Schiltz, R.L., Hager, G., Hanke, T., **Lehmann, I., Attinger, S.** (2011):  
Are assumptions about the model type necessary in reaction- diffusion modeling? A FRAP application  
*Biophysical Journal* **100** (5), 1178 - 1188  
Impact Factor: 4.39
23. Michaelson, J., **Trump, S., Rudzok, S.,** Grabsch, C., Madureira, D.J., **Dautel, F., Mai, J., Attinger, S.,** Schirmer, K., **von Bergen, M., Lehmann, I.,** Beyer, A. (2011):  
Transcriptional signatures of regulatory and toxic responses to benzo- [a]- pyrene exposure  
*BMC Genomics* **12** , art. 502  
Impact Factor: 4.206
24. **Mögel, I., Baumann, S., Böhme, A., Kohajda, T., von Bergen, M.,** Simon, J.-C., **Lehmann, I.** (2011):  
The aromatic volatile organic compounds toluene, benzene and styrene induce COX-2 and prostaglandins in human lung epithelial cells via oxidative stress and p38 MAPK activation  
*Toxicology* **289** (1), 28 - 37  
Impact Factor: 3.641

25. **Mörbt, N., Feltens, R., Tomm, J., Kalkhof, S., Mögel, I., Vogt, C., Lehmann, I., von Bergen, M.** (2011):  
Chlorinated benzenes cause concomitantly oxidative stress and induction of apoptotic markers in lung epithelial cells (A549) at non- acute toxic concentrations  
*J.Proteome Res.* **10** (2), 363 - 378  
Impact Factor: 5.46
26. **Oberbach, A.,** Bluher, M., **Wirth, H.,** Till, H., Kovacs, P., **Kullnick, Y.,** Schlichting, N., **Tomm, J.M., Rolle- Kampczyk, U., Murugaiyan, J.,** Binder, H., Dietrich, A., **von Bergen, M.** (2011):  
Combined proteomic and metabolomic profiling of serum reveals association of the complement system with obesity and identifies novel markers of body fat mass changes  
*J.Proteome Res.* **10** (10), 4769 - 4788  
Impact Factor: 5.46
27. **Oberbach, A.,** Till, H., Dietrich, A., Shang, E., **von Bergen, M.** (2011):  
Integrated proteomic and lipidomic analysis of secretory phospholipase A2 and lysophosphatidylcholines metabolism following sleeve gastrectomy  
*Obes. Surg.* **21** (8), 1064 - 1065  
Impact Factor: 3.078
28. Opitz, C.A., Litzenburger, U.M., Sahm, F., Ott, M., Tritschler, I., **Trump, S.,** Schumacher, T., Jestaedt, L., Schrenk, D., Weller, M., Jugold, M., Guillemin, G.J., Miller, C.L., Lutz, C., Radlwimmer, B., **Lehmann, I.,** von Deimling, A., Wick, W., Platten, M. (2011):  
An endogenous tumour- promoting ligand of the human aryl hydrocarbon receptor  
*Nature* **478** (7368), 197 - 203  
Impact Factor: 36.101
29. Pistocchi, A., Groenwold, J., Lahr, J., **Loos, M.,** Mujica, M., Ragas, M.J., Rallo, R., Sala, S., **Schlink, U.,** Strebel, K., Vighi, M., Vizcanio, P. (2011):  
Mapping cumulative environmental risks: examples from the EU NoMiracle project  
*Environ. Model. Assess.* **16** (2), 119 - 133  
Impact Factor: 1.056
30. Ragas, A.M.J., Oldenkamp, R., Preeker, N.L., Wernicke, J., **Schlink, U.** (2011):  
Cumulative risk assessment of chemical exposures in urban environments  
*Environ. Int.* **37** (5), 872 - 881  
Impact Factor: 4.691

31. Rose, D., Hiller, M., **Schutt, K., Hackermüller, J.**, Backofen, R., Stadler, P.F. (2011):  
Computational discovery of human coding and non- coding transcripts with conserved splice sites  
*Bioinformatics* **27** (14), 1894 - 1900  
Impact Factor: 4.877
32. **Rudzok, S., Krejci, S.**, Graebisch, C., **Herbarth, O., Mueller, A., Bauer, M.** (2011):  
Toxicity profiles of four metals and 17 xenobiotics in the human hepatoma cell line HepG2 and the protozoa *Tetrahymena pyriformis* - A comparison  
*Environ. Toxicol.* **26** (2), 171 - 186  
Impact Factor: 1.932
33. Rzehak, P., Scherag, A., Grallert, H., Sausenthaler, S., Koletzko, S., Bauer, C.P., Schaaf, B., von Berg, A., Berdel, D., Borte, M., Herbarth, O., Krämer, U., Illig, T., Wichmann, H.E., Hebebrand, J., Heinrich, J., Schoetzau, A., Popescu, M., Mosetter, M., Schindler, J., Franke, K., Laubereau, B., Thaqi, A., Zirngibl, A., Zutavern, A., Filipiak, B., Gehring, U., Albrecht, B., Baumgart, A., Bollrath, C., Büttner, S., Diekamp, S., Gross, I., Jakob, T., Klemke, K.K., Kurpiun, K.S., Möllermann, M., Neusüss, J., Varhelyi, A., Zorn, C., Reinhard, D., Weigand, H., Antonie, I., Bäumler- Merl, B., Tasch, C., Göhlert, R., Sönnichsen, C., Grübl, A., Bartels, P., Brockow, I., Hoffmann, U., Lötzbeyer, F., Mayrl, R., Negele, K., Schill, E.M., Wolf, B., Link, E., Sugiri, D., Ranft, U., Bolte, G., Belcredi, P., Jacob, B., Schoetzau, A., Höhnke, A., Schulz, R., Sierig, G., Mirow, K., Gebauer, C., Schulze, B., Hainich, J., Sack, U., Emmrich, F., Scholten, C., Diez, U., **Rehwagen, M., Schlink, U., Franck, U.**, Jorks, A., **Röder, S., Lehmann, I., Herberth, G.**, Daegelman, C., Weiss, M., Albert, M., Fahlbusch, B., Bischof, W., Koch, A., Schins, R., Ring, J., Grosch, J., Weidinger, S. (2010):  
Associations between BMI and the FTO gene are age dependent: results from the GINI and LISA birth cohort studies up to age 6 years  
*Obes. Facts* **3** (3), 173 - 180  
Impact Factor: 2.114
34. Rzehak, P., Thijs, C., Standl, M., Mommers, M., Glaeser, C., Jansen, E., Klopp, N., Koppelman, G.H., Singmann, P., Postma, D.S., Sausenthaler, S., Dagnelie, P.C., van den Brandt, P.A., Koletzko, B., Heinrich, J., Wichmann, H.E., Schoetzau, A., Franke, K., Laubereau, B., Schaaf, B., Borte, M., Schulz, R., Sierig, G., Sack, U., Emmrich, F., von Berg, A., Bollrath, C., Herbarth, O., Diez, U., **Lehmann, I., Herberth, G.** (2010):  
Variants of the FADS1 FADS2 gene cluster, blood levels of polyunsaturated fatty acids and eczema in children within the first 2 years of life  
*PLoS ONE* **5** (10), e13261  
Impact Factor: 4.351



35. Sausenthaler, S., Standl, M., Buyken, A., Rzehak, P., Koletzko, S., Bauer, C.P., Schaaf, B., von Berg, A., Berdel, D., Borte, M., Herbarth, O., **Lehmann, I.**, Krämer, U., Wichmann, H.E., Heinrich, J. (2011):  
Regional and socio- economic differences in food, nutrient and supplement intake in school- age children in Germany: results from the GINIplus and the LISAplus studies  
*Public Health Nutr.* **14** (10), 1724 - 1735  
Impact Factor: 2.075
36. **Schirmer, C.**, Klein, C., **von Bergen, M.**, Simon, J.C., Saalbach, A. (2010):  
Differentiation of IL-17 secreting T cells is supported by human dermal fibroblasts via up- regulation of IL-23 production by dendritic cells  
*Exp. Dermatol.* **19** (2), 181 - 181  
Impact Factor: 3.259
37. **Schlink, U.**, Ragas, A.M.J. (2011):  
Truncated Levy flights and agenda- based mobility are useful for the assessment of personal human exposure  
*Environ. Pollut.* **159** (8-9), 2061 - 2070  
Impact Factor: 3.395
38. **Schmitt, J.**, Chen, C.M., Apfelbacher, C., Romanos, M., **Lehmann, I.**, **Herbarth, O.**, Schaaf, B., Kraemer, U., **von Bergen, M.**, Wichmann, H.E., Heinrich, J. (2011):  
Infant eczema, infant sleeping problems, and mental health at 10 years of age: the prospective birth- cohort study LISAplus  
*Allergy* **66** (3), 404 - 411  
Impact Factor: 6.297
39. Schnabel, E., Heinrich, J., Wichmann, H.E., Sausenthaler, S., Chen, C.M., Schnappinger, M., Borte, M., Diez, U., von Berg, A., Beckmann, C., Gross, I., Schaaf, B., **Lehmann, I.**, **Bauer, M.**, **Röder, S.**, Herbarth, O., Link, E., Cramer, C., Bauer, C.P., Hoffmann, U., Behrendt, H. (2010):  
Respiratory tract infections and not paracetamol medication during infancy are associated with asthma development in childhood  
*J. Allergy Clin. Immunol.* **126** (5), 1071 - 1073  
Impact Factor: 9.165
40. Schramedei, K., Moerbt, N., Pfeifer, G., Laeuter, J., Rosolowski, M., **Tomm, J.M.**, **von Bergen, M.**, Horn, F., Brocke- Heidrich, K. (2011):  
MicroRNA-21 targets tumor suppressor genes ANP32A and SMARCA4  
*Oncogene* **30** (6), 2975 - 2985  
Impact Factor: 7.414

41. **Schubert, K., Polte, T., Bönisch, U.,** Schader, S., Holtappels, R., Hildebrandt, G., Lehmann, J., Simon, J.C., Anderegg, U., Saalbach, A. (2011):  
Thy-1 (CD90) regulates the extravasation of leukocytes during inflammation  
*Eur. J. Immunol.* **41** (3), 645 - 656  
Impact Factor: 4.942
42. Schubert, K., **Polte, T.,** Simon, J.C., Anderegg, U., Saalbach, A. (2010):  
Human Thy-1 (CD 90) is a critical molecule for granulocyte emigration during inflammation  
*Exp. Dermatol.* **19** (2), 214 - 214  
Impact Factor: 3.259
43. Standl, M., Sausenthaler, S., Lattka, E., Koletzko, S., Bauer, C.P., Wichmann, H.E., von Berg, A., Berdel, D., Krämer, U., Schaaf, B., **Röder, S.,** Herbarth, O., Klopp, N., Koletzko, B., Heinrich, J. (2011):  
FADS gene variants modulate the effect of dietary fatty acid intake on allergic diseases in children  
*Clin. Exp. Allergy* **41** (12), 1757 - 1766  
Impact Factor: 4.195
44. Su, C., **Franck, U.,** Pan, X.C. (2011):  
Association between ambient air pollution and the hospital emergency room visits for respiratory diseases: a case- crossover study  
*Epidemiology* **22** (1), S205 - S205  
Impact Factor: 5.866
45. Thiel, U.J., **Feltens, R.,** Adryan, B., Gieringer, R., Brochhausen, C., Schuon, R., Fillies, T., Grus, F., Mann, W.J., Brieger, J. (2011):  
Analysis of differentially expressed proteins in oral squamous cell carcinoma by MALDI- TOF MS  
*Journal of Oral Pathology & Medicine* **40** (5), 369 - 379  
Impact Factor: 2.144
46. Thiering, E., Brüske, I., Kratzsch, J., Thiery, J., Sausenthaler, S., Meisinger, C., Koletzko, S., Bauer, C.P., Schaaf, B., von Berg, A., Berdel, D., **Lehmann, I.,** Herbarth, O., Krämer, U., Wichmann, H.E., Heinrich, J. (2011):  
Prenatal and postnatal tobacco smoke exposure and development of insulin resistance in 10 year old children  
*Int.J.Hyg.EnvIRON.Health* **214** (5), 361 - 368  
Impact Factor: 2.886

47. Tiesler, C.M., Chen, C.M., Sausenthaler, S., Herbarth, O., **Lehmann, I.**, Schaaf, B., Krämer, U., von Berg, A., von Kries, R., Wichmann, H.E., Heinrich, J. (2011): Passive smoking and behavioural problems in children: results from the LISApplus prospective birth cohort study  
*Environmental Research* **111** (8), 1173 - 1179  
Impact Factor: 3.5
48. Tischer, C., Gehring, U., Chen, C.M., Kerkhof, M., Koppelman, G., Sausenthaler, S., **Herbarth, O.**, Schaaf, B., **Lehmann, I.**, Krämer, U., Berdel, D., von Berg, A., Bauer, C.P., Koletzko, S., Wichmann, H.E., Brunekreef, B., Heinrich, J. (2011): Respiratory health in children, and indoor exposure to (1,3)- $\beta$ -D-glucan, EPS mould components and endotoxin  
*Eur.Respir.J.* **37** (5), 1050 - 1059  
Impact Factor: 5.527
49. Tischer, C.G., Hohmann, C., Thiering, E., Herbarth, O., **Müller, A.**, Henderson, J., Granell, R., Fantini, M.P., Luciano, L., Bergstrom, A., Kull, I., Link, E., von Berg, A., Kuehni, C.E., Strippoli, M.P.F., Gehring, U., Wijga, A., Eller, E., Bindeslev-Jensen, C., Keil, T., Heinrich, J. (2011): Meta-analysis of mould and dampness exposure on asthma and allergy in eight European birth cohorts: an ENRIECO initiative  
*Allergy* **66** (12), 1570 - 1579  
Impact Factor: 6.297
50. Tramontano, A., Donath, A., Bernhart, S.H., **Reiche, K.**, Böhmendorfer, C., Stadler, P.F., Bachmair, A. (2011): Deletion analysis of the 3' long terminal repeat sequence of plant retrotransposon Tto1 identifies 125 base pairs redundancy as sufficient for first strand transfer  
*Virology* **412** (1), 75 - 82  
Impact Factor: 3.305
51. Washietl, S., Findeiss, S., **Müller, S.A.**, **Kalkhof, S.**, **von Bergen, M.**, Hofacker, I.L., Stadler, P.F., Goldmann, N. (2011): RNAcode: robust discrimination of coding and noncoding regions in comparative sequence data  
*RNA- Publ. RNA Soc.* **17** (4), 578 - 594  
Impact Factor: 5.198
52. **Weisse, K.**, **Lehmann, I.**, **Herberth, G.**, **Kohajda, T.**, **Roeder, S.**, Borte, M., Heroux, A., Denburg, J. (2011): Circulating eosinophil/ basophil (Eo/ B) progenitors at one year of age positively correlate with atopic eczema and indoor chemical exposure in the LINA Study  
*J. Allergy Clin. Immunol.* **127** (2), AB146 - AB146  
Impact Factor: 9.273

53. **Wirth, H.**, Löffler, M., **von Bergen, M.**, Binder, H. (2011):  
Expression cartography of human tissues using self organizing maps  
*BMC Bioinformatics* **12:306** ,  
Impact Factor: 3.029

## Zeitschriften ohne Impact Factor

54. **Dautel, F., Kalkhof, S., Trump, S., Lehmann, I., Beyer, A., von Bergen, M.** (2011):  
Large- scale 2- D DIGE studies - guidelines to overcome pitfalls and challenges along the experimental procedure  
*Journal of Integrated OMICS* **1** (1), 170 - 179
55. Diez, U., **Müller, A.** (2011):  
Einfluss der Schimmelpilzbelastung in Wohnungen auf die Gesundheit  
*Pädiatrische Allergologie in Klinik und Praxis* **14** (2), 40 - 42
56. **Kindler, A., Weiland, U., Franck, U.** (2011):  
Sozialräumliche Verteilung der Luftbelastung in Berlin. Socio- spatial distribution of ambient air exposure in Berlin  
*Umwelt und Mensch, Informationsdienst : UMID* **2011** (2), 29 - 32
57. Marino, D.J., Castro, E.A., Massolo, L., **Mueller, A.**, Herbarth, O., Ronco, A.E. (2011):  
Characterization of polycyclic aromatic hydrocarbon profiles by multivariate statistical analysis  
*International Journal of Chemoinformatics and Chemical Engineering* **1** (2), 1 - 14
58. **Otto, W.**, Stadler, P.F., Prohaska, S.J. (2011):  
Phylogenetic footprinting and consistent sets of local alignments  
*Lect.Notes Comput.Sci.* **6661** , 118 - 131
59. **Petrescu, C.**, Suciu, O., Inovici, R., **Herbarth, O., Franck, U., Schlink, U.** (2011):  
Respiratory health effects of air pollution with particles and modification due to climate parameters in an exposed population: long and short term study  
*International Journal of Energy and Environment* **5** (1), 102 - 112
60. **Reiche, K., Schutt, K.**, Boll, K., Horn, F., **Hackermüller, J.** (2011):  
Bioinformatics for RNomics  
*Methods in Molecular Biology* **719** (Part 2), 299 - 330
61. **Rockstroh, M., Müller, S.A.**, Jende, C., Kerzhner, A., **von Bergen, M., Tomm, J.M.** (2011):  
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