



Publications

Helmholtz Centre for Environmental Research – UFZ

Topic 9: Healthy Planet - Towards a Non-Toxic Environment

Preface

This list includes all publications of the year 2025 assigned to program topic 9 “Healthy Planet – Towards a Non-Toxic Environment” of the Helmholtz research program "Changing Earth – Sustaining our Future" within the research field Earth and Environment which were authored, co-authored or edited by staff members of the Helmholtz Centre for Environmental Research - UFZ.

If a publication belongs to more than one program topic, both primary and secondary assignments are indicated.

The editorial deadline for this publication list was 6 March 2026.

In contrast to external authors, UFZ staff names are highlighted in **bold type** in all publications.

The concluding index lists all UFZ authors in alphabetical order with the sequential numbers of their publications.

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Publications in ISI/Scopus listed journals/series

1. **Agyekum, M.K., Pathak, D., Kindinger, A., Kumar, R., Borchardt, D., Weitere, M., Frank, K., Schmitt-Jansen, M., Büttner, O., Brauns, M., Fink, P., Scharfenberger, U.** (2025):
A hydrologically informed agricultural land use intensity index for assessing ecological impacts on streams and rivers
Commun. Earth Environ. **6** , art. 991
[10.1038/s43247-025-02933-7](https://doi.org/10.1038/s43247-025-02933-7)
Main topic T5; Secondary topic T9
2. **Aldehoff, A.S., Karkossa, I., Broghammer, H., Krupka, S., Weiner, J., Goerdeler, C., Nuwayhid, R., Langer, S., Wabitsch, M., Rolle-Kampczyk, U., Klötting, N., Blüher, M., Heiker, J.T., von Bergen, M., Schubert, K.** (2025):
Advanced proteomics approaches hold potential for the risk assessment of metabolism-disrupting chemicals as omics-based NAM: A case study using the phthalate substitute DINCH
Environ. Sci. Technol. **59** (31), 16193 - 16216
[10.1021/acs.est.5c01206](https://doi.org/10.1021/acs.est.5c01206)
3. **Aldehoff, A.S., Türkowsky, D., Lohmann, P., Homsy, M.N., Rolle-Kampczyk, U., Ueberham, E., Lehmann, J., von Bergen, M., Jehmlich, N., Haange, S.-B.** (2025):
Revealing novel protein interaction partners of glyphosate in *Escherichia coli*
Environ. Int. **195** , art. 109243
[10.1016/j.envint.2024.109243](https://doi.org/10.1016/j.envint.2024.109243)
4. **Allan, I.J., Miège, C., Jahnke, A., Rojo-Nieto, E., Vorkamp, K., Kech, C., Polesello, S., Perceval, O., Booij, K., Dulio, V., Estoppey, N., Mayer, P., McHugh, B., Munschy, C., Staub, P.-F., Vrana, B.** (2025):
Passive sampling in support of biota monitoring of hydrophobic substances under the Water Framework Directive
J. Hazard. Mater. **483** , art. 136672
[10.1016/j.jhazmat.2024.136672](https://doi.org/10.1016/j.jhazmat.2024.136672)
5. **Alshetty, D., Shiva Nagendra, S.M., Mueller, A., Schlink, U.** (2025):
Distribution of polycyclic aromatic compounds among various phases in an urban road microenvironment of a tropical megacity
Atmos. Environ-X **25** , art. 100309
[10.1016/j.aecoa.2024.100309](https://doi.org/10.1016/j.aecoa.2024.100309)
Main topic T5; Secondary topic T9

6. **Alvarez-Mora, I.**, Arturi, K., Béen, F., Buchinger, S., El Mais, A.E.R., Gallampos, C., Hahn, M., Hollender, J., Houtman, C., Johann, S., **Krauss, M.**, Lamoree, M., Margalef, M., **Massei, R.**, **Brack, W.**, **Muz, M.** (2025): Progress, applications, and challenges in high-throughput effect-directed analysis for toxicity driver identification — is it time for HT-EDA?
Anal. Bioanal. Chem. **417** , 451 - 472
[10.1007/s00216-024-05424-4](https://doi.org/10.1007/s00216-024-05424-4)
Main topic T9; Secondary topic T5
7. **Alvarez-Mora, I.**, **Muratuly, A.**, Johann, S., Arturi, K., Jünger, F., **Huber, C.**, Hollert, H., **Krauss, M.**, **Brack, W.**, **Muz, M.** (2025): High-throughput effect-directed analysis of androgenic compounds in hospital wastewater: identifying effect drivers through non-target screening supported by toxicity prediction
Environ. Sci. Technol. **59** (45), 2413 - 2425
[10.1021/acs.est.4c09942](https://doi.org/10.1021/acs.est.4c09942)
8. Arturi, K., Harris, E.J., Gasser, L., **Escher, B.I.**, **Braun, G.**, Bosshard, R., Hollender, J. (2025): MLinvitroTox reloaded for high-throughput hazard-based prioritization of high-resolution mass spectrometry data
J. Cheminformatics **17** , art. 14
[10.1186/s13321-025-00950-4](https://doi.org/10.1186/s13321-025-00950-4)
9. **Austermeier, L.E.**, Voigt, K., **Böhme, A.**, **Ulrich, N.** (2025): Prediction of melting points of chemicals with a data augmentation-based neural network approach
ACS Omega **10** (23), 24296 - 24306
[10.1021/acsomega.5c00205](https://doi.org/10.1021/acsomega.5c00205)
10. **Ayuk, H.S.**, **Arnold, S.**, **Pierzchalski, A.**, **Bauer, M.**, **Stojanovska, V.**, **Zenclussen, A.** (2025): SARS-CoV-2 activated peripheral blood mononuclear cells (PBMCs) do not provoke adverse effects in trophoblast spheroids
Am. J. Reprod. Immunol. **93** (1), e70039
[10.1111/aji.70039](https://doi.org/10.1111/aji.70039)
11. **Ayuk, H.S.**, **Pierzchalski, A.**, **Tal, T.**, Myhre, O., Lindeman, B., Smith, N.M., **Stojanovska, V.**, **Zenclussen, A.C.** (2025): Evaluating PFAS-Induced modulation of peripheral blood mononuclear cells (PBMCs) immune response to SARS-CoV-2 spike in COVID-19 Vaccinees
Environ. Int. **198** , art. 109409
[10.1016/j.envint.2025.109409](https://doi.org/10.1016/j.envint.2025.109409)

12. Backhaus, T., Scholze, M., **Brack, W.**, Martin, O., Slunge, D., Ågerstrand, M., Kortenkamp, A., **Escher, B.** (2025):
Include a mixture allocation factor to improve EU chemical risk management. Revision of the REACH chemical regulation should enable more realistic understanding and management
Science **390** (6774), 678 - 680
[10.1126/science.aeb6374](https://doi.org/10.1126/science.aeb6374)

13. Bae, E., Beil, S., **König, M.**, Stolte, S., **Escher, B.I.**, Markiewicz, M. (2025):
Assessing modes of toxic action of organic cations in in vitro cell-based bioassays: the critical role of partitioning to cells and medium components
Chem. Res. Toxicol. **38** (3), 488 - 502
[10.1021/acs.chemrestox.4c00527](https://doi.org/10.1021/acs.chemrestox.4c00527)

14. Barber, T.R., Ribeiro, F., Claes, S., Kawamura, Y., Yeung, J., **Byrne, H.A.**, **Weyrauch, S.**, **Reemtsma, T.**, Unice, K.M. (2025):
The identification and quantification of tire and road wear particles in Osaka Bay, Japan, by two analytical methods
Mar. Pollut. Bull. **211**, art. 117363
[10.1016/j.marpolbul.2024.117363](https://doi.org/10.1016/j.marpolbul.2024.117363)

15. Bareth, M., Koch, B.P., Zachmann, G., Kong, X., **Lechtenfeld, O.J.**, Maneth, S. (2025):
Optimizing machine learning-based prediction of terrestrial dissolved organic matter in the ocean using fluorescence and LC-FTMS data
ACS Omega **10** (27), 29497 - 29509
[10.1021/acsomega.5c02849](https://doi.org/10.1021/acsomega.5c02849)

16. Benisch, J., Helm, B., **Krauss, M.**, **Byrne, H.A.**, Becker, S., Mayer, R.P., Rojas Gómez, K.L., **Ahlheim, J.**, **Brack, W.**, Krebs, P. (2025):
Fingerprints of micropollutants under baseflow and event discharge conditions: analysing gradients along two urban streams
Water Sci. Technol. **92** (1), 34 - 52
[10.2166/wst.2025.091](https://doi.org/10.2166/wst.2025.091)

17. Bertram, M.G., Ågerstrand, M., Thoré, E.S.J., Allen, J., Balshine, S., Brand, J.A., Brooks, B.W., Dang, Z., Duquesne, S., Ford, A.T., Hoffmann, F., Hollert, H., Jacob, S., Kloas, W., **Klüver, N.**, Lazorchak, J., Ledesma, M., Maack, G., Macartney, E.L., Martin, J.M., Melvin, S.D., Michelangeli, M., Mohr, S., Padilla, S., Pyle, G., Saaristo, M., Sahm, R., Smit, E., Steevens, J.A., van den Berg, S., Vossen, L.E., Wlodkowic, D., Wong, B.B.M., Ziegler, M., Brodin, T. (2025):
EthoCRED: a framework to guide reporting and evaluation of the relevance and reliability of behavioural ecotoxicity studies
Biol. Rev. **100** (2), 556 - 585
[10.1111/brv.13154](https://doi.org/10.1111/brv.13154)

18. **Bhansali, I., Lips, S., Carmona Martinez, E., Herberth, G., Zencussen, A., Jahnke, A., Pierzchalski, A.** (2025):
Microplastic leachates may modulate immune cell responses in human peripheral blood *in vitro*
Toxicol. Lett. **411** (Supplement), S189
[10.1016/j.toxlet.2025.07.455](https://doi.org/10.1016/j.toxlet.2025.07.455)

19. Bisle, E., **Haange, S.-B.**, Rojas, R., Behnke, A., Karabatsiakos, A., Gump, A., Mack, M., Mavioglu, R.N., Lutz-Bonengel, S., **Rolle-Kampczyk, U.**, Mielcarek, A., **von Bergen, M.**, Kolassa, I-T. (2025):
Serum metabolomics in women with major depressive disorder: Associations with mitochondrial function, inflammation, and oxidative stress
Psychiatry Res. **351** , art. 116569
[10.1016/j.psychres.2025.116569](https://doi.org/10.1016/j.psychres.2025.116569)

20. Bock, J., Neske, M., **Krauss, M.**, Dombrowski, A., Oehlmann, J. (2025):
Exploring urban garden ponds: considering chemical pollution as a limiting factor for insect diversity in cities
Environ. Sci. Eur. **37** , art. 78
[10.1186/s12302-025-01120-x](https://doi.org/10.1186/s12302-025-01120-x)

21. Cai, R., **Lechtenfeld, O.J.**, Yan, Z., Yi, Y., Chen, X., Zheng, Q., Koch, B.P., Jiao, N., He, D. (2025):
Constraining biorecalcitrance of carboxyl-rich alicyclic molecules in the ocean
Sci. Adv. **11** (28), eadw1148
[10.1126/sciadv.adw1148](https://doi.org/10.1126/sciadv.adw1148)

22. **Canzler, S.**, Lehmann, J., **Schor, J.**, **Busch, W.**, Iacono, G., **Hackermüller, J.** (2025):
From toxicogenomics data to cumulative assessment groups: A framework for chemical grouping
Toxicol. Lett. **411** (Supplement), S55 - S56
[10.1016/j.toxlet.2025.07.163](https://doi.org/10.1016/j.toxlet.2025.07.163)

23. **Canzler, S.**, **Schubert, K.**, **Rolle-Kampczyk, U.E.**, **Wang, Z.**, **Schreiber, S.**, Seitz, H., Mockly, S., Kamp, H., Haake, V., Huisinga, M., **von Bergen, M.**, Buesen, R., **Hackermüller, J.** (2025):
Evaluating the performance of multi-omics integration: a thyroid toxicity case study
Arch. Toxicol. **99** (1), 309 - 332
[10.1007/s00204-024-03876-2](https://doi.org/10.1007/s00204-024-03876-2)

24. Carney Almroth, B., **Carmona, E.**, Chukwuone, N., Dey, T., Slunge, D., Backhaus, T., Karlsson, T. (2025):
Addressing the toxic chemicals problem in plastics recycling
Cambridge Prisms-Plastics **3** , e3
[10.1017/plc.2025.1](https://doi.org/10.1017/plc.2025.1)

25. **Castañeda-Monsalve, V., Haange, S.-B., Fröhlich, L.-F., Fu, Q., Rolle-Kampczyk, U., von Bergen, M., Jehmlich, N.** (2025):
Food colorant brilliant blue causes persistent functional and structural changes in an *in vitro* simplified microbiota model system
ISME Commun. **5** (1), ycaf050
[10.1093/ismeco/ycaf050](https://doi.org/10.1093/ismeco/ycaf050)
26. Celardo, I., Aschner, M., Ashton, R.S., Carstens, K.E., Cediell-Ulloa, A., Cöllen, E., Crofton, K.M., Debad, S.J., Dreser, N., Fitzpatrick, S., Fritsche, E., **Gutsfeld, S.**, Hardy, B., Hartung, T., Hessel, E., Heusinkveld, H., Hogberg, H.T., Hsieh, J.-H., Kanda, Y., Knight, G.T., Knudsen, T., Koch, K., Kuchovska, E., Mangas, I., Marty, M.S., Melching-Kollmuss, S., Müller, I., Müller, P., Myhre, O., Paparella, M., Pitzer, E., Bal-Price, A., Sachana, M., Schlüppmann, K., Shafer, T.J., Schäfer, J., Smirnova, L., **Tal, T.**, Tanaskov, Y., Tangianu, S., Testa, G., Ückert, A.-K., Whelan, M., Leist, M. (2025):
Developmental neurotoxicity (DNT): A call for implementation of new approach methodologies for regulatory purposes: Summary of the 5th International Conference on DNT Testing
ALTEX-Altern. Anim. Exp. **42** (2), 323 - 349
[10.14573/altex.2503191](https://doi.org/10.14573/altex.2503191)
27. Chen, J., **Chen, B.**, Wesseling, S., Bouwmeester, H., Rietjens, I.M.C.M., Kramer, N.I. (2025):
A population physiologically based kinetic and toxicodynamic model for acute diazinon exposure
Ecotox. Environ. Safe. **294**, art. 118083
[10.1016/j.ecoenv.2025.118083](https://doi.org/10.1016/j.ecoenv.2025.118083)
28. **Dahley, C., Goss, K.-U., Ebert, A.** (2025):
Predicting Caco-2/MDCK intrinsic membrane permeability from HDM-PAMPA-Derived hexadecane/water partition coefficients
Eur. J. Pharm. Sci. **214**, art. 107280
[10.1016/j.ejps.2025.107280](https://doi.org/10.1016/j.ejps.2025.107280)
29. **Dann, J.P.**, Ankley, G.T., Blackwell, B.R., **Escher, B.I., Jahnke, A.**, Jensen, K.M., Jenson, C., **Krauss, M., Scholz, S.**, Wernicke, T., **Brack, W.** (2025):
Current emission vs. legacy organic pollutants: Assessing the extent to which the eco-exposome of caged fish reflects external exposure
Environ. Pollut. **383**, art. 126808
[10.1016/j.envpol.2025.126808](https://doi.org/10.1016/j.envpol.2025.126808)

30. Dittmann, D., Görnt, A., Bauer, A., **Seelig, A.H.**, Thalmann, M., Helmecke, M., Thor, J.H., Reynaert, E., Wilkes, T., Silalahi, J., Junghans, V., **Zahn, D.**, Klitzke, S., Peters, A., Pfeifer, S., Förster, C., Hübner, N., Jekel, M., **Reemtsma, T.**, Haberkamp, J., Ruhl, A.S. (2025):
Point-of-Use Re-Use (PU2R): a viable approach for sustainable decentralized reuse of water from single-household cesspits for agricultural irrigation
Water Reuse **15** (3), 458 - 474
[10.2166/wrd.2025.029](https://doi.org/10.2166/wrd.2025.029)
31. Dittmar, S., **Weyrauch, S.**, **Reemtsma, T.**, Eisentraut, P., Altmann, K., Ruhl, A.S., Jekel, M. (2025):
Settling velocities of tire and road wear particles: Analyzing finely graded density fractions of samples from a road simulator and a highway tunnel
Environ. Sci. Technol. **59** (26), 13434 - 13446
[10.1021/acs.est.5c04165](https://doi.org/10.1021/acs.est.5c04165)
32. **Dordoni, M.**, **Musolff, A.**, **Knöller, K.**, **Coder, L.**, **Krauss, M.**, **Rosenlöcher, Y.**, **Büttner, O.**, **Tittel, J.** (2025):
Lake-groundwater biogeochemical interactions in a river-delimited system: the Groundwater and Lakes Urban Observatory (GLUO)
Int. Rev. Hydrobiol. **110** (2), 123 - 150
[10.1002/iroh.70025](https://doi.org/10.1002/iroh.70025)
Main topic T4; Secondary topics T5, T9
33. **dos Santos Argolo, A.**, **Escher, B.**, **Braun, G.**, **König, M.**, Vanden Heuvel, J.P., Maia Bila, D. (2025):
Dissolved and particulate micropollutant mixtures in surface waters: *in vitro* and chemical assessment in Rio de Janeiro versus global trends
Environ. Int. **201** , art. 109578
[10.1016/j.envint.2025.109578](https://doi.org/10.1016/j.envint.2025.109578)
34. dos Santos Souza, E.J., Fomba, K.W., Gómez Maqueo Anaya, S., Schepanski, K., Freire, S.M., **Materić, D.**, **Reemtsma, T.**, Herrmann, H. (2025):
Particle-bound mercury in Saharan dust-loaded particulate matter in Cabo Verde
J. Hazard. Mater. **487** , art. 137053
[10.1016/j.jhazmat.2024.137053](https://doi.org/10.1016/j.jhazmat.2024.137053)
35. **Dudášová, S.**, **Berger, U.**, **Seiwert, B.**, **Reemtsma, T.**, **Lechtenfeld, O.J.**, **Fu, Q.** (2025):
Retrospective identification of novel and legacy per- and polyfluoroalkyl substances in German archived fish livers using a combined high-resolution mass spectrometry approach
Environ. Sci. Technol. **59** (25), 12865 - 12877
[10.1021/acs.est.4c11600](https://doi.org/10.1021/acs.est.4c11600)

36. **Durka, W., Michalski, S.G., Höfner, J.,** Bucharova, A., Kolář, F., Müller, C.M., Oberprieler, C., Šemberová, K., Bauer, M., **Bernt, M.,** Bleeker, W., Brändel, S., Bucher, S.F., Eibes, P.M., Ewald, M., Goldberg, R., Grant, K., Haider, S., **Harpke, A.,** Haun, F., Kaufmann, R., **Korell, L.,** Kunzmann, D., Lauterbach, D., Leib, S., Lenzewski, N., Loritz, H., **Madaj, A.-M.,** Mainz, A.K., Meinecke, P., Mertens, H., Meyer, H.M., **Musche, M.,** Ristow, M., Rosche, C., **Roscher, C.,** Rutte, D., Schacherer, A., Schmidt, W., Schmoltd, J., Schneider, S., Schwarz, J.-H., Skowronek, S., Socher, S.A., Stanik, N., Twerski, A., Weiß, K., Weiß, M., Wille, A., Zehm, A., Zidorn, C., the RegioDiv Consortium, (2025):
Assessment of genetic diversity among seed transfer zones for multiple grassland plant species across Germany
Basic Appl. Ecol. **84** , 50 - 60
[10.1016/j.baae.2024.11.004](https://doi.org/10.1016/j.baae.2024.11.004)
Main topic T5; Secondary topic T9
37. **Ebert, A., Goss, K.-U.** (2025):
Blood-brain barrier permeability revisited: Predicting intrinsic passive BBB permeability using the solubility-diffusion model
Eur. J. Pharm. Sci. **215** , art. 107354
[10.1016/j.ejps.2025.107354](https://doi.org/10.1016/j.ejps.2025.107354)
38. Edebali, Ö., **Goellner, A.,** Stiborek, M., Šimek, Z., **Muz, M.,** Vrana, B., Melymuk, L. (2025):
Characterizing the distribution of aromatic amines between polyester, cotton, and wool textiles and air
Environ. Sci.-Process Impacts **27** (4), 1054 - 1062
[10.1039/d5em00015g](https://doi.org/10.1039/d5em00015g)
39. **Eze, O.O.,** Ogbuene, E.B., Ibraheem, O., **Küster, E., Eze, T.C.** (2025):
Novel flame retardants (NFRs) in e-waste: Environmental burdens, health implications, and recommendations for safety assessment and sustainable management
Toxicology **511** , art. 154037
[10.1016/j.tox.2024.154037](https://doi.org/10.1016/j.tox.2024.154037)
40. **Faikhaw, O.,** Wagner, S., **Rynek, R., Peng, G., Materić, D., Reemtsma, T.** (2025):
Oxidative purification of microplastics in riverine suspended matter samples — Solving the challenge of plant debris removal for microplastic analysis
Sci. Total Environ. **958** , art. 177876
[10.1016/j.scitotenv.2024.177876](https://doi.org/10.1016/j.scitotenv.2024.177876)
Main topic T9; Secondary topic T5

41. Farani, M.R., Esmailidehkordi, M., Alipourfard, I., **Azarian, M.**, Huh, Y.S. (2025): Utilizing armchair and zigzag nanoribbons for improved detection of SO₂ toxicity with graphene biosensor
Physica B **696** , art. 416599
[10.1016/j.physb.2024.416599](https://doi.org/10.1016/j.physb.2024.416599)
42. **Foscari, A.**, Herzke, D., Mowafi, R., **Seiwert, B.**, De Witte, B., Delbare, D., Heras, G.B., Gago, J., **Reemtsma, T.** (2025): Uptake of chemicals from tire wear particles into aquatic organisms - search for biomarkers of exposure in blue mussels (*Mytilus edulis*)
Mar. Pollut. Bull. **219** , art. 118311
[10.1016/j.marpolbul.2025.118311](https://doi.org/10.1016/j.marpolbul.2025.118311)
43. **Gad, M.**, Tayyebi Sabet Khomami, N., **Krieg, R.**, **Schor, J.**, Philippe, A., **Lechtenfeld, O.J.** (2025): Environmental drivers of dissolved organic matter composition across central European aquatic systems: A novel correlation-based machine learning and FT-ICR MS approach
Water Res. **273** , art. 123018
[10.1016/j.watres.2024.123018](https://doi.org/10.1016/j.watres.2024.123018)
Main topic T9; Secondary topic T5
44. **Ghosh, D.**, Shi, Y., Zimmermann, I.M., Holzhauser, K., **von Bergen, M.**, Kaster, A.-K., Spielvogel, S., Dippold, M.A., Müller, J.A., **Jehlich, N.** (2025): Cover crop root channels promote bacterial adaptation to drought in the maize rhizosphere
Glob. Change Biol. **31** (9), e70512
[10.1111/gcb.70512](https://doi.org/10.1111/gcb.70512)
45. Glaberman, S., Frey, H.C., **Tal, T.** (2025): Dismantling EPA's research office jeopardizes environmental safety, public health, and US competitiveness
Proc. Natl. Acad. Sci. U.S.A. **122** (24), e2508060122
[10.1073/pnas.2508060122](https://doi.org/10.1073/pnas.2508060122)
46. **Goerdeler, C.**, **Engelmann, B.**, Broghammer, H., **Aldehoff, A.S.**, Wabitsch, M., **Schubert, K.**, Blüher, M., Heiker, J.T., **Rolle-Kampczyk, U.**, **von Bergen, M.** (2025): ¹³C metabolic tracing in human SGBS cells provides a potential new approach methodology for assessing metabolism-disrupting properties of environmental chemicals
J. Hazard. Mater. **500** , art. 140384
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47. **Gómez-Olarte, S., Kretschmer, T., Zantop, S., Tal, T., Myhre, O., Stojanovska, V., Meyer, N., Zenclussen, A.C.** (2025):
PFAS mixture effects on single-cell CyTOF-based profiling of human primary immune cells: transitioning to new approach methodologies
Toxicol. Lett. **411** (Supplement), S184 - S185
[10.1016/j.toxlet.2025.07.444](https://doi.org/10.1016/j.toxlet.2025.07.444)
48. **Gómez-Olarte, S., Röder, S., Borte, M., Krauss, M., Zenclussen, A., Brack, W., Herberth, G., Huber, C.** (2025):
Prenatal exposure to emerging pesticides and childhood allergy risk: A mixture assessment in an urban birth cohort
Environ. Sci. Technol. Lett. **12** (12), 1611 - 1617
[10.1021/acs.estlett.5c00836](https://doi.org/10.1021/acs.estlett.5c00836)
49. **Gómez-Olarte, S., Röder, S., Rolle-Kampczyk, U., Sack, U., von Bergen, M., Borte, M., Zenclussen, A.C., Herberth, G.** (2025):
Prenatal exposure to mixtures of phthalates and bisphenol A and eczema risk: findings in atopic and non-atopic children from the LiNA birth cohort
Environ. Res. **278**, art. 121667
[10.1016/j.envres.2025.121667](https://doi.org/10.1016/j.envres.2025.121667)
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