# Hans Mielke

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1018411/publications.pdf

Version: 2024-02-01

| 38 | 1,023 | 567281 | 414414 |
|---|---|---|---|
| papers | citations | 15 h-index | 32 g-index |

| 38 | 38 | 38 | 1375 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Relative oral bioavailability of 3-MCPD from 3-MCPD fatty acid esters in rats. Archives of Toxicology, 2013, 87, 649-659. | 4.2 | 151 |
| 2 | Bisphenol A levels in blood depend on age and exposure. Toxicology Letters, 2009, 190, 32-40. | 0.8 | 120 |
| 3 | Internal exposure to perfluoroalkyl substances (PFASs) and biological markers in 101 healthy 1-year-old children: associations between levels of perfluorooctanoic acid (PFOA) and vaccine response. Archives of Toxicology, 2020, 94, 2131-2147. | 4.2 | 102 |
| 4 | The contribution of dermal exposure to the internal exposure of bisphenol A in man. Toxicology Letters, 2011, 204, 190-198. | 0.8 | 65 |
| 5 | Prevalences and transmission routes of Campylobacter spp. strains within multiple pig farms. Veterinary Microbiology, 2005, 108, 251-261. | 1.9 | 58 |
| 6 | Pharmacokinetics explain in vivo/in vitro discrepancies of carcinogen-induced gene expression alterations in rat liver and cultivated hepatocytes. Archives of Toxicology, 2013, 87, 337-345. | 4.2 | 49 |
| 7 | In Vitro - In Vivo Correlation of Gene Expression Alterations Induced by Liver Carcinogens. Current Medicinal Chemistry, 2012, 19, 1721-1730. | 2.4 | 48 |
| 8 | Elevated internal exposure of children in simulated acute inhalation of volatile organic compounds: effects of concentration and duration. Archives of Toxicology, 2005, 79, 63-73. | 4.2 | 42 |
| 9 | A new model for the prediction of agricultural operator exposure during professional application of plant protection products in outdoor crops. Journal Fur Verbraucherschutz Und Lebensmittelsicherheit, 2013, 8, 143-153. | 1.4 | 35 |
| 10 | Internal threshold of toxicological concern values: enabling route-to-route extrapolation. Archives of Toxicology, 2015, 89, 941-948. | 4.2 | 33 |
| 11 | Energy Drinks Induce Acute Cardiovascular and Metabolic Changes Pointing to Potential Risks for Young Adults: A Randomized Controlled Trial. Journal of Nutrition, 2019, 149, 441-450. | 2.9 | 30 |
| 12 | A physiologically based toxicokinetic modelling approach to predict relevant concentrations for in vitro testing. Archives of Toxicology, 2011, 85, 555-563. | 4.2 | 28 |
| 13 | The hemoglobin adduct N-(2,3-dihydroxypropyl)-valine as biomarker of dietary exposure to glycidyl esters: a controlled exposure study in humans. Archives of Toxicology, 2019, 93, 331-340. | 4.2 | 22 |
| 14 | Functional UDP-glucuronyltransferase 2B15 polymorphism and bisphenol A concentrations in blood: results from physiologically based kinetic modelling. Archives of Toxicology, 2013, 87, 1257-1264. | 4.2 | 18 |
| 15 | Quantitative allergenicity risk assessment of food products containing yellow mealworm (Tenebrio) Tj ETQq1 1 0.784314 rgBT /Overlock | 3.6 | 17 |
| 16 | Caffeine intake in pregnancy: Relationship between internal intake and effect on birth weight. Food and Chemical Toxicology, 2015, 86, 291-297. | 3.6 | 15 |
| 17 | The importance of protein binding for the in vitroâ€“in vivo extrapolation (IVIVE)â€”example of ibuprofen, a highly protein-bound substance. Archives of Toxicology, 2017, 91, 1663-1670. | 4.2 | 15 |
| 18 | Simple changes of individual studies can improve the reproducibility of the biomedical scientific process as a whole. PLoS ONE, 2018, 13, e0202762. | 2.5 | 15 |

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|---|---|---|---|
| 19 | Physiology-based toxicokinetic modelling in the frame of the European Human Biomonitoring Initiative. Environmental Research, 2019, 172, 216-230. | 7.5 | 15 |
| 20 | Acute inhalative exposure assessment: Derivation of guideline levels with special regard to sensitive subpopulations and time scaling. Toxicology, 2005, 214, 256-267. | 4.2 | 14 |
| 21 | Physiologically Based Toxicokinetic Modelling as a Tool to Support Risk Assessment: Three Case Studies. Journal of Toxicology, 2012, 2012, 1-11. | 3.0 | 14 |
| 22 | Physiologically based toxicokinetic modelling as a tool to assess target organ toxicity in route-to-route extrapolationâ€"The case of coumarin. Toxicology Letters, 2011, 202, 100-110. | 0.8 | 13 |
| 23 | Exposure of Infants to Isoniazid via Breast Milk After Maternal Drug Intake of Recommended Doses Is Clinically Insignificant Irrespective of Metaboliser Status. A Physiologically-Based Pharmacokinetic (PBPK) Modelling Approach to Estimate Drug Exposure of Infants via Breast-Feeding. Frontiers in Pharmacology, 2019, 10, 5. | 3.5 | 12 |
| 24 | Biometrical evaluation of the performance of the revised OECD Test Guideline 402 for assessing acute dermal toxicity. Regulatory Toxicology and Pharmacology, 2017, 89, 26-39. | 2.7 | 11 |
| 25 | Evaluation and improvement of QSAR predictions of skin sensitization for pesticides. SAR and QSAR in Environmental Research, 2018, 29, 823-846. | 2.2 | 11 |
| 26 | Commentary: Dermal penetration of bisphenol Aâ€"Consequences for risk assessment. Toxicology Letters, 2013, 217, 159-161. | 0.8 | 9 |
| 27 | Exposure of Nursed Infants to Maternal Treatment with Ethambutol and Rifampicin. Basic and Clinical Pharmacology and Toxicology, 2018, 123, 213-220. | 2.5 | 9 |
| 28 | The Penrose Polynomial of Binary Matroids. Monatshefte Fur Mathematik, 2000, 131, 1-13. | 0.9 | 8 |
| 29 | A probabilistic model for the carry-over of PCDD/Fs from feed to growing pigs. Chemosphere, 2013, 93, 474-479. | 8.2 | 8 |
| 30 | Transfer kinetics of fipronil into chicken (Gallus gallus domesticus) eggs. Computational Toxicology, 2020, 15, 100131. | 3.3 | 8 |
| 31 | Hazard characterization of 3-MCPD using benchmark dose modeling: Factors influencing the outcome. European Journal of Lipid Science and Technology, 2012, 114, 1225-1226. | 1.5 | 7 |
| 32 | Internal Exposure of Children by Simulated Acute Inhalation of Volatile Organic Compounds: The Influence of Chemical Properties on the Child/Adult Concentration Ratio. Basic and Clinical Pharmacology and Toxicology, 2005, 96, 242-243. | 2.5 | 6 |
| 33 | Comment on â€˜Kim, S.-J., Choi, E.-J., Choi, G.-W., Lee, Y.-B., and Cho, H.-Y. (2019). Exploring sex differences in human health risk assessment for PFNA and PFDA using a PBPK model, Arch Toxicol 93:311â€“330â€™. Archives of Toxicology, 2019, 93, 1769-1770. | 4.2 | 4 |
| 34 | Preference and possible consumption of provided enrichment and bedding materials and disinfectant powder by growing pigs. Porcine Health Management, 2022, 8, 1. | 2.6 | 4 |
| 35 | Translational toxicology of sex specific PFNA clearance in rat and human. Archives of Toxicology, 2020, 94, 345-346. | 4.2 | 3 |
| 36 | Letter to the Editor. Archives of Toxicology, 2019, 93, 1465-1466. | 4.2 | 2 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | In Vitroâ€“In Vivo Extrapolation by Physiologically Based Kinetic Modeling: Experience With Three Case Studies and Lessons Learned. Frontiers in Toxicology, 0, 4, . | 3.1 | 2 |
| 38 | Stichprobenplanung in der LebensmittelÃ¼berwachung. Journal Fur Verbraucherschutz Und Lebensmittelsicherheit, 2017, 12, 47-49. | 1.4 | 0 |