# Thorsten Buhrke

List of Publications by Year
in descending order



| 26 | 1,147 | 430874 18 | 477307 29 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 29 | 29 | 29 | 1543 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | In vitro toxicological characterization of perfluorinated carboxylic acids with different carbon chain lengths. Toxicology Letters, 2013, 218, 97-104. | 0.8 | 136 |
| 2 | Activation of human nuclear receptors by perfluoroalkylated substances (PFAS). Toxicology in Vitro, 2020, 62, 104700. | 2.4 | 131 |
| 3 | Agonistic and antagonistic effects of phthalates and their urinary metabolites on the steroid hormone receptors ERÎ±, ERÎ², and AR. Toxicology Letters, 2017, 277, 54-63. | 0.8 | 99 |
| 4 | Absorption and metabolism of the food contaminant 3-chloro-1,2-propanediol (3-MCPD) and its fatty acid esters by human intestinal Caco-2 cells. Archives of Toxicology, 2011, 85, 1201-1208. | 4.2 | 91 |
| 5 | Perfluoroalkylated substances (PFAS) affect neither estrogen and androgen receptor activity nor steroidogenesis in human cells in vitro. Toxicology Letters, 2018, 291, 51-60. | 0.8 | 80 |
| 6 | Polycyclic aromatic hydrocarbons stimulate human CYP3A4 promoter activity via PXR. Toxicology Letters, 2013, 222, 180-188. | 0.8 | 79 |
| 7 | Perfluorooctanoic acid (PFOA) affects distinct molecular signalling pathways in human primary hepatocytes. Toxicology, 2015, 333, 53-62. | 4.2 | 70 |
| 8 | Impairment of bile acid metabolism by perfluorooctanoic acid (PFOA) and perfluorooctanesulfonic acid (PFOS) in human HepaRG hepatoma cells. Archives of Toxicology, 2020, 94, 1673-1686. | 4.2 | 60 |
| 9 | The urinary metabolites of DINCH Â® have an impact on the activities of the human nuclear receptors ERÎ±, ERÎ², AR, PPARÎ± and PPARÎ³. Toxicology Letters, 2018, 287, 83-91. | 0.8 | 45 |
| 10 | Analysis of proteomic changes induced upon cellular differentiation of the human intestinal cell line Caco~~â€~~2. Development Growth and Differentiation, 2011, 53, 411-426. | 1.5 | 40 |
| 11 | Proteomic analysis of 3-MCPD and 3-MCPD dipalmitate toxicity in rat testis. Food and Chemical Toxicology, 2015, 83, 84-92. | 3.6 | 37 |
| 12 | Proteomic analysis of 3-MCPD and 3-MCPD dipalmitate-induced toxicity in rat kidney. Archives of Toxicology, 2016, 90, 1437-1448. | 4.2 | 37 |
| 13 | 2-Chloro-1,3-propanediol (2-MCPD) and its fatty acid esters: cytotoxicity, metabolism, and transport by human intestinal Caco-2 cells. Archives of Toxicology, 2015, 89, 2243-2251. | 4.2 | 34 |
| 14 | In silico genotoxicity and carcinogenicity prediction for food-relevant secondary plant metabolites. Food and Chemical Toxicology, 2018, 116, 298-306. | 3.6 | 32 |
| 15 | Use of in silico models for prioritization of heat-induced food contaminants in mutagenicity and carcinogenicity testing. Archives of Toxicology, 2017, 91, 3157-3174. | 4.2 | 31 |
| 16 | Comparative proteomic analysis of 2-MCPD- and 3-MCPD-induced heart toxicity in the rat. Archives of Toxicology, 2017, 91, 3145-3155. | 4.2 | 27 |
| 17 | Correlation between 3-MCPD-induced organ toxicity and oxidative stress response in male mice. Food and Chemical Toxicology, 2020, 136, 110957. | 3.6 | 26 |
| 18 | Oxidative inactivation of the endogenous antioxidant protein DJ-1 by the food contaminants 3-MCPD and 2-MCPD. Archives of Toxicology, 2018, 92, 289-299. | 4.2 | 22 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Comparative analysis of transcriptomic responses to repeated-dose exposure to 2-MCPD and 3-MCPD in rat kidney, liver and testis. Food and Chemical Toxicology, 2017, 106, 36-46. | 3.6 | 17 |
| 20 | miRNA Expression in Human Intestinal Cacoâ€2 Cells is Comparably Regulated by cisâ€•and transâ€Fatty Acids. Lipids, 2015, 50, 227-239. | 1.7 | 12 |
| 21 | Absorption and Metabolism of cisâ€9,transâ€11â€CLA and of Its Oxidation Product 9,11â€Furan Fatty Acid by Cacoâ€2 Cells. Lipids, 2012, 47, 435-442. | 1.7 | 9 |
| 22 | Inâ€Vitro Toxicological and Proteomic Analysis of Furan Fatty Acids Which are Oxidative Metabolites of Conjugated Linoleic Acids. Lipids, 2012, 47, 1085-1097. | 1.7 | 6 |
| 23 | Effects of 2-MCPD on oxidative stress in different organs of male mice. Food and Chemical Toxicology, 2020, 142, 111459. | 3.6 | 5 |
| 24 | Morphological and molecular characterization of the human breast epithelial cell line M13SV1 and its tumorigenic derivatives M13SV1-R2-2 and M13SV1-R2-N1. Cancer Cell International, 2015, 15, 110. | 4.1 | 4 |
| 25 | The use of 3D cultures of MCF-10A and MCF-12A cells by high content screening for effect-based analysis of non-genotoxic carcinogens. Toxicology in Vitro, 2019, 59, 55-63. | 2.4 | 4 |
| 26 | Absorption and metabolism of 3-MCPD in hepatic and renal cell lines. Toxicology in Vitro, 2021, 70, 105042. | 2.4 | 2 |