

Thorsten Buhrke

List of Publications by Year in descending order

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26
papers

1,147
citations

430874

18
h-index

477307

29
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all docs

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docs citations

29
times ranked

1543
citing authors

#	ARTICLE	IF	CITATIONS
1	Absorption and metabolism of 3-MCPD in hepatic and renal cell lines. <i>Toxicology in Vitro</i> , 2021, 70, 105042.	2.4	2
2	Activation of human nuclear receptors by perfluoroalkylated substances (PFAS). <i>Toxicology in Vitro</i> , 2020, 62, 104700.	2.4	131
3	Correlation between 3-MCPD-induced organ toxicity and oxidative stress response in male mice. <i>Food and Chemical Toxicology</i> , 2020, 136, 110957.	3.6	26
4	Effects of 2-MCPD on oxidative stress in different organs of male mice. <i>Food and Chemical Toxicology</i> , 2020, 142, 111459.	3.6	5
5	Impairment of bile acid metabolism by perfluorooctanoic acid (PFOA) and perfluorooctanesulfonic acid (PFOS) in human HepaRG hepatoma cells. <i>Archives of Toxicology</i> , 2020, 94, 1673-1686.	4.2	60
6	The use of 3D cultures of MCF-10A and MCF-12A cells by high content screening for effect-based analysis of non-genotoxic carcinogens. <i>Toxicology in Vitro</i> , 2019, 59, 55-63.	2.4	4
7	In silico genotoxicity and carcinogenicity prediction for food-relevant secondary plant metabolites. <i>Food and Chemical Toxicology</i> , 2018, 116, 298-306.	3.6	32
8	Perfluoroalkylated substances (PFAS) affect neither estrogen and androgen receptor activity nor steroidogenesis in human cells in vitro. <i>Toxicology Letters</i> , 2018, 291, 51-60.	0.8	80
9	The urinary metabolites of DINCH [®] have an impact on the activities of the human nuclear receptors ER ₁ , ER ₂ , AR, PPAR ₁ and PPAR ₃ . <i>Toxicology Letters</i> , 2018, 287, 83-91.	0.8	45
10	Oxidative inactivation of the endogenous antioxidant protein DJ-1 by the food contaminants 3-MCPD and 2-MCPD. <i>Archives of Toxicology</i> , 2018, 92, 289-299.	4.2	22
11	Comparative proteomic analysis of 2-MCPD- and 3-MCPD-induced heart toxicity in the rat. <i>Archives of Toxicology</i> , 2017, 91, 3145-3155.	4.2	27
12	Use of in silico models for prioritization of heat-induced food contaminants in mutagenicity and carcinogenicity testing. <i>Archives of Toxicology</i> , 2017, 91, 3157-3174.	4.2	31
13	Comparative analysis of transcriptomic responses to repeated-dose exposure to 2-MCPD and 3-MCPD in rat kidney, liver and testis. <i>Food and Chemical Toxicology</i> , 2017, 106, 36-46.	3.6	17
14	Agonistic and antagonistic effects of phthalates and their urinary metabolites on the steroid hormone receptors ER ₁ , ER ₂ , and AR. <i>Toxicology Letters</i> , 2017, 277, 54-63.	0.8	99
15	Proteomic analysis of 3-MCPD and 3-MCPD dipalmitate-induced toxicity in rat kidney. <i>Archives of Toxicology</i> , 2016, 90, 1437-1448.	4.2	37
16	Morphological and molecular characterization of the human breast epithelial cell line M13SV1 and its tumorigenic derivatives M13SV1-R2-2 and M13SV1-R2-N1. <i>Cancer Cell International</i> , 2015, 15, 110.	4.1	4
17	2-Chloro-1,3-propanediol (2-MCPD) and its fatty acid esters: cytotoxicity, metabolism, and transport by human intestinal Caco-2 cells. <i>Archives of Toxicology</i> , 2015, 89, 2243-2251.	4.2	34
18	Proteomic analysis of 3-MCPD and 3-MCPD dipalmitate toxicity in rat testis. <i>Food and Chemical Toxicology</i> , 2015, 83, 84-92.	3.6	37

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19	Perfluorooctanoic acid (PFOA) affects distinct molecular signalling pathways in human primary hepatocytes. <i>Toxicology</i> , 2015, 333, 53-62.	4.2	70
20	miRNA Expression in Human Intestinal Caco-2 Cells is Comparably Regulated by <i>cis</i> - and <i>trans</i> -Fatty Acids. <i>Lipids</i> , 2015, 50, 227-239.	1.7	12
21	Polycyclic aromatic hydrocarbons stimulate human CYP3A4 promoter activity via PXR. <i>Toxicology Letters</i> , 2013, 222, 180-188.	0.8	79
22	In vitro toxicological characterization of perfluorinated carboxylic acids with different carbon chain lengths. <i>Toxicology Letters</i> , 2013, 218, 97-104.	0.8	136
23	In Vitro Toxicological and Proteomic Analysis of Furan Fatty Acids Which are Oxidative Metabolites of Conjugated Linoleic Acids. <i>Lipids</i> , 2012, 47, 1085-1097.	1.7	6
24	Absorption and Metabolism of <i>cis</i> -, <i>trans</i> -11-CLA and of Its Oxidation Product 9,11-Furan Fatty Acid by Caco-2 Cells. <i>Lipids</i> , 2012, 47, 435-442.	1.7	9
25	Analysis of proteomic changes induced upon cellular differentiation of the human intestinal cell line Caco-2. <i>Development Growth and Differentiation</i> , 2011, 53, 411-426.	1.5	40
26	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. <i>Archives of Toxicology</i> , 2011, 85, 1201-1208.	4.2	91