

# Heiko Udo Käfferlein

## List of Publications by Year in descending order

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Version: 2024-02-01

33  
papers

596  
citations

623734

14  
h-index

677142

22  
g-index

35  
all docs

35  
docs citations

35  
times ranked

897  
citing authors

#	ARTICLE	IF	CITATIONS
1	Occupational exposure to polycyclic aromatic hydrocarbons and DNA damage by industry: a nationwide study in Germany. <i>Archives of Toxicology</i> , 2009, 83, 947-957.	4.2	50
2	Albumin and hemoglobin adducts of benzo[ <i>a</i> ]pyrene in humans – Analytical methods, exposure assessment, and recommendations for future directions. <i>Critical Reviews in Toxicology</i> , 2010, 40, 126-150.	3.9	48
3	Partition of metals in the maternal/fetal unit and lead-associated decreases of fetal iron and manganese: an observational biomonitoring approach. <i>Archives of Toxicology</i> , 2012, 86, 1571-1581.	4.2	42
4	LIPG-promoted lipid storage mediates adaptation to oxidative stress in breast cancer. <i>International Journal of Cancer</i> , 2019, 145, 901-915.	5.1	41
5	Environmentally prevalent polycyclic aromatic hydrocarbons can elicit co-carcinogenic properties in an in vitro murine lung epithelial cell model. <i>Archives of Toxicology</i> , 2018, 92, 1311-1322.	4.2	35
6	Phthalate exposure during cold plastisol application – a human biomonitoring study. <i>Toxicology Letters</i> , 2012, 213, 100-106.	0.8	34
7	N-Acetyl-4-aminophenol (paracetamol), N-acetyl-2-aminophenol and acetanilide in urine samples from the general population, individuals exposed to aniline and paracetamol users. <i>International Journal of Hygiene and Environmental Health</i> , 2014, 217, 592-599.	4.3	33
8	Biomarkers of polycyclic aromatic hydrocarbon exposure in European coke oven workers. <i>Toxicology Letters</i> , 2014, 231, 213-216.	0.8	27
9	Quantification of Four Major Metabolites of Embryotoxic <i>N</i> -Methyl- and <i>N</i> -Ethyl-2-pyrrolidone in Human Urine by Cooled-Injection Gas Chromatography and Isotope Dilution Mass Spectrometry. <i>Analytical Chemistry</i> , 2012, 84, 3787-3794.	6.5	26
10	Dose-Response Modeling of Occupational Exposure to Polycyclic Aromatic Hydrocarbons with Biomarkers of Exposure and Effect. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2007, 16, 1863-1873.	2.5	24
11	Human metabolism and excretion kinetics of aniline after a single oral dose. <i>Archives of Toxicology</i> , 2016, 90, 1325-1333.	4.2	24
12	Toward noninvasive follow-up of low-risk bladder cancer – Rationale and concept of the UroFollow trial*. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2020, 38, 886-895.	1.6	22
13	Human metabolism and urinary excretion of seven neonicotinoids and neonicotinoid-like compounds after controlled oral dosages. <i>Archives of Toxicology</i> , 2022, 96, 121-134.	4.2	21
14	Human exposure to airborne aniline and formation of methemoglobin: a contribution to occupational exposure limits. <i>Archives of Toxicology</i> , 2014, 88, 1419-1426.	4.2	20
15	Metabolites of the alkyl pyrrolidone solvents NMP and NEP in 24-h urine samples of the German Environmental Specimen Bank from 1991 to 2014. <i>International Archives of Occupational and Environmental Health</i> , 2018, 91, 1073-1082.	2.3	16
16	TGFBI Protein Is Increased in the Urine of Patients with High-Grade Urothelial Carcinomas, and Promotes Cell Proliferation and Migration. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4483.	4.1	14
17	Analysis of inflammatory markers and metals in nasal lavage fluid of welders. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2016, 79, 1144-1157.	2.3	13
18	Expression of Mismatch Repair Proteins in Merkel Cell Carcinoma. <i>Cancers</i> , 2021, 13, 2524.	3.7	11

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19	The Carcinogenic Properties of Overlooked yet Prevalent Polycyclic Aromatic Hydrocarbons in Human Lung Epithelial Cells. <i>Toxics</i> , 2022, 10, 28.	3.7	10
20	Biomonitoring of Exposure to <i>N</i> -Methyl-2-Pyrrolidone in Workers of the Automobile Industry. <i>Annals of Occupational Hygiene</i> , 2013, 57, 766-73.	1.9	9
21	Noninvasive diagnosis of urothelial cancer in urine using DNA hypermethylation signatures—Gender matters. <i>International Journal of Cancer</i> , 2019, 145, 2861-2872.	5.1	9
22	Ambient and Biological Monitoring of Exposure and Genotoxic Effects in Mastic Asphalt Workers Exposed to Fumes of Bitumen. <i>Journal of Occupational and Environmental Hygiene</i> , 2007, 4, 127-136.	1.0	8
23	Internal exposure to carcinogenic polycyclic aromatic hydrocarbons and DNA damage: a null result in brief. <i>Archives of Toxicology</i> , 2012, 86, 1317-1321.	4.2	8
24	Biomonitoring of N-ethyl-2-pyrrolidone in automobile varnishers. <i>Toxicology Letters</i> , 2014, 231, 142-146.	0.8	7
25	Automated quantification of FISH signals in urinary cells enables the assessment of chromosomal aberration patterns characteristic for bladder cancer. <i>Biochemical and Biophysical Research Communications</i> , 2014, 448, 467-472.	2.1	7
26	Quantification of N-phenyl-2-naphthylamine by gas chromatography and isotope-dilution mass spectrometry and its percutaneous absorption ex vivo under workplace conditions. <i>Archives of Toxicology</i> , 2017, 91, 3587-3596.	4.2	7
27	Soluble chemokine (C-X-C motif) ligand 16 (CXCL16) in urine as a novel biomarker candidate to identify high grade and muscle invasive urothelial carcinomas. <i>Oncotarget</i> , 2017, 8, 104946-104959.	1.8	7
28	Total synthesis of <sup>13</sup> C <sub>2</sub> , <sup>15</sup> N- <i>N</i> -imidacloprid with three stable isotopes in the pyridine ring. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2019, 62, 126-131.	1.0	7
29	Effects of benzo[a]pyrene, aromatic amines, and a combination of both on CYP1A1 activities in RT-4 human bladder papilloma cells. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2016, 79, 1106-1117.	2.3	6
30	Comment on “Urinary Metabolites of Neonicotinoid Insecticides: Levels and Recommendations for Future Biomonitoring Studies in China” Quantification of 5-Hydroxyimidacloprid and Biomonitoring. <i>Environmental Science &amp; Technology</i> , 2021, 55, 2163-2164.	10.0	5
31	Mismatch Repair Protein Expression and Microsatellite Instability in Cutaneous Squamous Cell Carcinoma. <i>Current Oncology</i> , 2021, 28, 3316-3322.	2.2	2
32	Toxicokinetics of N-ethyl-2-pyrrolidone and its metabolites in blood, urine and amniotic fluid of rats after oral administration. <i>Archives of Toxicology</i> , 2019, 93, 921-929.	4.2	1
33	In-Vitro Identification and In-Vivo Confirmation of DNA Methylation Biomarkers for Urothelial Cancer. <i>Biomedicines</i> , 2020, 8, 233.	3.2	1