

# Thomas GÄjen

## List of Publications by Year in descending order

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Version: 2024-02-01

155  
papers

3,805  
citations

136740

32  
h-index

174990

52  
g-index

173  
all docs

173  
docs citations

173  
times ranked

4766  
citing authors

#	ARTICLE	IF	CITATIONS
1	GerES IV: Phthalate metabolites and bisphenol A in urine of German children. <i>International Journal of Hygiene and Environmental Health</i> , 2009, 212, 685-692.	2.1	258
2	Efficient drug-delivery using magnetic nanoparticles – biodistribution and therapeutic effects in tumour bearing rabbits. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2013, 9, 961-971.	1.7	186
3	Two-year follow-up biomonitoring pilot study of residents™ and controls™ PFC plasma levels after PFOA reduction in public water system in Arnsberg, Germany. <i>International Journal of Hygiene and Environmental Health</i> , 2010, 213, 217-223.	2.1	127
4	External quality assessment of human biomonitoring in the range of environmental exposure levels. <i>International Journal of Hygiene and Environmental Health</i> , 2012, 215, 229-232.	2.1	97
5	High levels of PAH-metabolites in urine of e-waste recycling workers from Agbogbloshie, Ghana. <i>Science of the Total Environment</i> , 2014, 466-467, 369-376.	3.9	91
6	Perfluorinated Compounds in Fish and Blood of Anglers at Lake Müritze, Sauerland Area, Germany. <i>Environmental Science &amp; Technology</i> , 2011, 45, 8046-8052.	4.6	85
7	Trends of the internal phthalate exposure of young adults in Germany – Follow-up of a retrospective human biomonitoring study. <i>International Journal of Hygiene and Environmental Health</i> , 2011, 215, 36-45.	2.1	76
8	WHO/ILO work-related burden of disease and injury: Protocol for systematic reviews of occupational exposure to dusts and/or fibres and of the effect of occupational exposure to dusts and/or fibres on pneumoconiosis. <i>Environment International</i> , 2018, 119, 174-185.	4.8	75
9	Serum levels of organochlorine pesticides in the French adult population: The French National Nutrition and Health Study (ENNS), 2006 – 2007. <i>Science of the Total Environment</i> , 2014, 472, 1089-1099.	3.9	74
10	Perfluorinated compounds in the vicinity of a fire training area – Human biomonitoring among 10 persons drinking water from contaminated private wells in Cologne, Germany. <i>International Journal of Hygiene and Environmental Health</i> , 2012, 215, 212-215.	2.1	71
11	The European human biomonitoring platform - Design and implementation of a laboratory quality assurance/quality control (QA/QC) programme for selected priority chemicals. <i>International Journal of Hygiene and Environmental Health</i> , 2021, 234, 113740.	2.1	71
12	Saliva as a matrix for human biomonitoring in occupational and environmental medicine. <i>International Archives of Occupational and Environmental Health</i> , 2015, 88, 1-44.	1.1	62
13	Persistent organic pollutants and risk of type 2 diabetes: A prospective investigation among middle-aged women in Nurses' Health Study II. <i>Environment International</i> , 2018, 114, 334-342.	4.8	62
14	Mercapturic acids as metabolites of alkylating substances in urine samples of German inhabitants. <i>International Journal of Hygiene and Environmental Health</i> , 2011, 214, 196-204.	2.1	60
15	Comparative study on the migration of di-2-ethylhexyl phthalate (DEHP) and tri-2-ethylhexyl trimellitate (TOTM) into blood from PVC tubing material of a heart-lung machine. <i>Chemosphere</i> , 2016, 145, 10-16.	4.2	57
16	Determination of six hydroxyalkyl mercapturic acids in human urine using hydrophilic interaction liquid chromatography with tandem mass spectrometry (HILIC – ESI-MS/MS). <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2010, 878, 2506-2514.	1.2	55
17	From inequitable to sustainable e-waste processing for reduction of impact on human health and the environment. <i>Environmental Research</i> , 2021, 194, 110728.	3.7	55
18	Setting up a collaborative European human biological monitoring study on occupational exposure to hexavalent chromium. <i>Environmental Research</i> , 2019, 177, 108583.	3.7	53

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19	Analysis of nitroaromatic compounds in urine by gas chromatography–mass spectrometry for the biological monitoring of explosives. <i>Biomedical Applications</i> , 1998, 710, 91-99.	1.7	52
20	One-year follow-up of perfluorinated compounds in plasma of German residents from Arnsberg formerly exposed to PFOA-contaminated drinking water. <i>International Journal of Hygiene and Environmental Health</i> , 2009, 212, 499-504.	2.1	50
21	Human biomonitoring pilot study DEMOCOPHES in Germany: Contribution to a harmonized European approach. <i>International Journal of Hygiene and Environmental Health</i> , 2017, 220, 686-696.	2.1	50
22	Plasma polychlorinated biphenyls in residents of 91 PCB-contaminated and 108 non-contaminated dwellings—An exposure study. <i>International Journal of Hygiene and Environmental Health</i> , 2013, 216, 755-762.	2.1	49
23	A review of health effects of carbon disulfide in viscose industry and a proposal for an occupational exposure limit. <i>Critical Reviews in Toxicology</i> , 2009, 39, 1-126.	1.9	47
24	Lead, cadmium, mercury, and chromium in urine and blood of children and adolescents in Germany – Human biomonitoring results of the German Environmental Survey 2014–2017 (GerES V). <i>International Journal of Hygiene and Environmental Health</i> , 2021, 237, 113822.	2.1	43
25	High levels of 1-hydroxypyrene and hydroxyphenanthrenes in urine of children and adults from Afghanistan. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2012, 22, 46-51.	1.8	42
26	Musk Xylene: Analysis, Occurrence, Kinetics, and Toxicology. <i>Critical Reviews in Toxicology</i> , 1998, 28, 431-476.	1.9	39
27	Biological effect markers in exhaled breath condensate and biomonitoring in welders: impact of smoking and protection equipment. <i>International Archives of Occupational and Environmental Health</i> , 2010, 83, 803-811.	1.1	39
28	Quinoline and Derivatives at a Tar Oil Contaminated Site: Hydroxylated Products as Indicator for Natural Attenuation?. <i>Environmental Science &amp; Technology</i> , 2007, 41, 5314-5322.	4.6	38
29	Systemic availability of lipophilic organic UV filters through dermal sunscreen exposure. <i>Environment International</i> , 2019, 132, 105068.	4.8	38
30	Long-term time trend of lead exposure in young German adults – Evaluation of more than 35 Years of data of the German Environmental Specimen Bank. <i>International Journal of Hygiene and Environmental Health</i> , 2021, 231, 113665.	2.1	37
31	Monoarylamines in the general population – A cross-sectional population-based study including 1004 Bavarian subjects. <i>International Journal of Hygiene and Environmental Health</i> , 2009, 212, 298-309.	2.1	36
32	N-methylcarbamoyl adducts at the N-terminal valine of globin in workers exposed to N,N-dimethylformamide. <i>Archives of Toxicology</i> , 1998, 72, 309-313.	1.9	35
33	Simultaneous monitoring of seven phenolic metabolites of endocrine disrupting compounds (EDC) in human urine using gas chromatography with tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 2019-2029.	1.9	34
34	Urinary metabolites of polycyclic aromatic hydrocarbons in Saudi Arabian schoolchildren in relation to sources of exposure. <i>Environmental Research</i> , 2015, 140, 495-501.	3.7	34
35	Human metabolism and renal excretion of selenium compounds after oral ingestion of sodium selenate dependent on trimethylselenium ion (TMSe) status. <i>Archives of Toxicology</i> , 2016, 90, 149-158.	1.9	34
36	Diagnosis, monitoring and prevention of exposure-related non-communicable diseases in the living and working environment: DiMoPEX-project is designed to determine the impacts of environmental exposure on human health. <i>Journal of Occupational Medicine and Toxicology</i> , 2018, 13, 6.	0.9	32

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37	HBM4EU chromates study - Overall results and recommendations for the biomonitoring of occupational exposure to hexavalent chromium. <i>Environmental Research</i> , 2022, 204, 111984.	3.7	32
38	Simultaneous determination of polyvinylchloride plasticizers di(2-ethylhexyl) phthalate and tri(2-ethylhexyl) trimellitate and its degradation products in blood by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2015, 1410, 173-180.	1.8	31
39	Effect of phospholipid coating on the migration of plasticizers from PVC tubes. <i>Chemosphere</i> , 2018, 202, 742-749.	4.2	31
40	Efficiency control of dietary pesticide intake reduction by human biomonitoring. <i>International Journal of Hygiene and Environmental Health</i> , 2017, 220, 254-260.	2.1	29
41	Comparison between exhaled breath condensate analysis as a marker for cobalt and tungsten exposure and biomonitoring in workers of a hard metal alloy processing plant. <i>International Archives of Occupational and Environmental Health</i> , 2009, 82, 565-573.	1.1	28
42	Sensitive and accurate analyses of free 3-nitrotyrosine in exhaled breath condensate by LC-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005, 826, 261-266.	1.2	27
43	Dermal absorption and skin damage following hydrofluoric acid exposure in an ex vivo human skin model. <i>Toxicology Letters</i> , 2016, 248, 25-33.	0.4	27
44	Urinary concentrations of polycyclic aromatic hydrocarbons in Israeli adults: Demographic and life-style predictors. <i>International Journal of Hygiene and Environmental Health</i> , 2015, 218, 123-131.	2.1	26
45	Human metabolism and renal excretion of selenium compounds after oral ingestion of sodium selenite and selenized yeast dependent on the trimethylselenium ion (TMSe) status. <i>Archives of Toxicology</i> , 2016, 90, 1069-1080.	1.9	26
46	Human metabolism of $\alpha$ -pinene and metabolite kinetics after oral administration. <i>Archives of Toxicology</i> , 2017, 91, 677-687.	1.9	26
47	Simultaneous determination of the full chlorophenol spectrum in human urine using gas chromatography with tandem mass spectrometry. <i>Analytica Chimica Acta</i> , 2017, 965, 123-130.	2.6	26
48	Plasma Nitrate and Incidence of Cardiovascular Disease and All-Cause Mortality in the Community: The Framingham Offspring Study. <i>Journal of the American Heart Association</i> , 2017, 6, .	1.6	26
49	R-Limonene metabolism in humans and metabolite kinetics after oral administration. <i>Archives of Toxicology</i> , 2017, 91, 1175-1185.	1.9	25
50	Development and verification of a toxicokinetic model of polychlorinated biphenyl elimination in persons working in a contaminated building. <i>Chemosphere</i> , 2007, 68, 1427-1434.	4.2	24
51	Human metabolism and kinetics of tri-(2-ethylhexyl) trimellitate (TEHTM) after oral administration. <i>Archives of Toxicology</i> , 2018, 92, 2793-2807.	1.9	24
52	Ion pairing and ion exchange chromatography coupled to ICP-MS to determine selenium species in human urine. <i>Journal of Analytical Atomic Spectrometry</i> , 2013, 28, 1402.	1.6	23
53	Exposure to tobacco smoke based on urinary cotinine levels among Israeli smoking and nonsmoking adults: a cross-sectional analysis of the first Israeli human biomonitoring study. <i>BMC Public Health</i> , 2013, 13, 1241.	1.2	23
54	Plasticizer exposure of infants during cardiac surgery. <i>Toxicology Letters</i> , 2020, 330, 7-13.	0.4	23

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55	Pentachlorophenol and nine other chlorophenols in urine of children and adolescents in Germany â€“ Human biomonitoring results of the German Environmental Survey 2014â€“2017 (GerES V). <i>Environmental Research</i> , 2021, 196, 110958.	3.7	23
56	Biological reference values for chemical compounds in the work area (BARs): an approach for evaluating biomonitoring data. <i>International Archives of Occupational and Environmental Health</i> , 2012, 85, 571-578.	1.1	22
57	Studies on percutaneous penetration of chemicals â€“ Impact of storage conditions for excised human skin. <i>Toxicology in Vitro</i> , 2013, 27, 708-713.	1.1	22
58	Metabolites of 4-methylbenzylidene camphor (4-MBC), butylated hydroxytoluene (BHT), and tris(2-ethylhexyl) trimellitate (TOTM) in urine of children and adolescents in Germany â€“ human biomonitoring results of the German Environmental Survey GerES V (2014â€“2017). <i>Environmental Research</i> , 2021, 192, 110345.	3.7	21
59	Comparison of experimentally determined and mathematically predicted percutaneous penetration rates of chemicals. <i>Archives of Toxicology</i> , 2012, 86, 423-430.	1.9	20
60	Isomeric separation and quantitation of di-(2-ethylhexyl) trimellitates and mono-(2-ethylhexyl) trimellitates in blood by LCâ€“MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1061-1062, 153-162.	1.2	20
61	Interlaboratory comparison investigations (ICI) and external quality assurance schemes (EQUAS) for cadmium in urine and blood: Results from the HBM4EU project. <i>International Journal of Hygiene and Environmental Health</i> , 2021, 234, 113711.	2.1	20
62	Exposure of patients to di(2-ethylhexyl)phthalate (DEHP) and its metabolite MEHP during extracorporeal membrane oxygenation (ECMO) therapy. <i>PLoS ONE</i> , 2020, 15, e0224931.	1.1	20
63	Toxicokinetics of urinary 2-ethylhexyl salicylate and its metabolite 2-ethyl-hydroxyhexyl salicylate in humans after simulating real-life dermal sunscreen exposure. <i>Archives of Toxicology</i> , 2019, 93, 2565-2574.	1.9	19
64	Quantification of prominent organic UV filters and their metabolites in human urine and plasma samples. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1125, 121706.	1.2	19
65	Cross-sectional study on N,N-dimethylformamide (DMF); effects on liver and alcohol intolerance. <i>International Archives of Occupational and Environmental Health</i> , 2016, 89, 1309-1320.	1.1	17
66	Organophosphate pesticide exposure in children in Israel: Dietary associations and implications for risk assessment. <i>Environmental Research</i> , 2020, 182, 108739.	3.7	17
67	Transcutaneous penetration of toluene in rat skin a microdialysis study. <i>Experimental Dermatology</i> , 2005, 14, 103-108.	1.4	16
68	A method for the simultaneous determination of mercapturic acids as biomarkers of exposure to 2-chloroprene and epichlorohydrin in human urine. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 889-890, 69-76.	1.2	16
69	Exposure to endocrine disrupting chemicals among residents of a rural vegetarian/vegan community. <i>Environment International</i> , 2016, 97, 68-75.	4.8	16
70	Oxidative phase I metabolism of the UV absorber 2-(2H-benzotriazol-2-yl)-4,6-di-tert-pentylphenol (UV) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.1	16
71	Immunological methods for diagnosis and monitoring of IgEâ€“mediated allergy caused by industrial sensitizing agents (IMExAllergy). <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019, 74, 1885-1897.	2.7	16
72	Allocation of reliable analytical procedures for human biomonitoring published by the DFG Senate Commission for the Investigation of Health Hazards of Chemical Compounds in the Work Area. <i>International Journal of Hygiene and Environmental Health</i> , 2012, 215, 233-237.	2.1	15

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73	6. Human Biomonitoring of Lead Exposure. , 2017, 17, 99-122.		15
74	Socioeconomic inequalities in exposure to environmental tobacco smoke in children in Israel. Environment International, 2018, 121, 643-648.	4.8	15
75	Determination of the UV absorber 2-(2H-benzotriazol-2-yl)-4,6-di-tert-pentylphenol (UV 328) and its oxidative metabolites in human urine by dispersive liquid-liquid microextraction and GC-MS/MS. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2020, 1144, 122071.	1.2	15
76	Method optimization and validation for the simultaneous determination of arachidonic acid metabolites in exhaled breath condensate by liquid chromatography-electrospray ionization tandem mass spectrometry. Journal of Occupational Medicine and Toxicology, 2006, 1, 5.	0.9	14
77	Accidental exposure to gas emissions from transit goods treated for pest control. Environmental Health, 2014, 13, 110.	1.7	14
78	Rapid determination of four short-chain alkyl mercapturic acids in human urine by column-switching liquid chromatography-tandem mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2014, 965, 54-60.	1.2	14
79	Comprehensive monitoring of specific metabolites of tri-(2-ethylhexyl) trimellitate (TEHTM) in urine by column-switching liquid chromatography-tandem mass spectrometry. Analytical and Bioanalytical Chemistry, 2018, 410, 4343-4357.	1.9	14
80	The role of dietary factors on blood lead concentration in children and adolescents - Results from the nationally representative German Environmental Survey 2014-2017 (GerES V). Environmental Pollution, 2022, 299, 118699.	3.7	14
81	Biological tolerance values: change in a paradigm concept from assessment of a single value to use of an average. International Archives of Occupational and Environmental Health, 2008, 82, 139-142.	1.1	13
82	Human metabolism of $^3\text{-carene}$ and renal elimination of $^3\text{-carene-10-carboxylic acid}$ (chaminic acid) after oral administration. Archives of Toxicology, 2015, 89, 381-392.	1.9	13
83	Discovering time-trends of the German populations exposure to contaminants by analysis of human samples of the German Environmental Specimen Bank (ESB). Toxicology Letters, 2018, 298, 194-200.	0.4	13
84	Interlaboratory comparison investigations (ICIs) and external quality assurance schemes (EQUASs) for flame retardant analysis in biological matrices: Results from the HBM4EU project. Environmental Research, 2021, 202, 111705.	3.7	13
85	Proficiency and Interlaboratory Variability in the Determination of Phthalate and DINCH Biomarkers in Human Urine: Results from the HBM4EU Project. Toxics, 2022, 10, 57.	1.6	13
86	Lead - Still a health threat for marksmen. International Journal of Hygiene and Environmental Health, 2009, 212, 557-561.	2.1	12
87	Sensitive monitoring of monoterpene metabolites in human urine using two-step derivatisation and positive chemical ionisation-tandem mass spectrometry. Analytica Chimica Acta, 2013, 793, 26-36.	2.6	12
88	Metabolism and toxicokinetics of 1,4-dioxane in humans after inhalational exposure at rest and under physical stress. Archives of Toxicology, 2016, 90, 1315-1324.	1.9	12
89	Human metabolism and kinetics of the UV absorber 2-(2H-benzotriazol-2-yl)-4,6-di-tert-pentylphenol (UV Tj ETQq1_1.0.784314 rgBT / O	1.9	12
90	Effect of Skin Protection and Skin Irritation on the Internal Exposure to Carbon Disulfide in Employees of the Viscose Industry. Annals of Occupational Hygiene, 2015, 59, 972-981.	1.9	11

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91	Evaluation of the effect of skin cleaning procedures on the dermal absorption of chemicals. <i>Toxicology in Vitro</i> , 2015, 29, 828-833.	1.1	11
92	Low internal exposure and absence of adverse effects in workers exposed to high air levels of inorganic selenium. <i>Toxicology Letters</i> , 2018, 298, 141-149.	0.4	11
93	Suitability of several naphthalene metabolites for their application in biomonitoring studies. <i>Toxicology Letters</i> , 2018, 298, 91-98.	0.4	11
94	Aluminium toxicokinetics after intramuscular, subcutaneous, and intravenous injection of Al citrate solution in rats. <i>Archives of Toxicology</i> , 2019, 93, 37-47.	1.9	11
95	Absorption, Biokinetics, and Metabolism of the Dopamine D2 Receptor Agonist Hordenine (N,N-Dimethyltyramine) after Beer Consumption in Humans. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 1998-2006.	2.4	11
96	Trace metal release after minimally-invasive repair of pectus excavatum. <i>PLoS ONE</i> , 2017, 12, e0186323.	1.1	11
97	Butoxyethoxyacetic acid, a biomarker of exposure to water-based cleaning agents. <i>Toxicology Letters</i> , 2002, 134, 295-300.	0.4	10
98	Evaluation of biomarkers assessing regular alcohol consumption in an occupational setting. <i>International Archives of Occupational and Environmental Health</i> , 2016, 89, 1193-1203.	1.1	10
99	Influence of artificial sebum on the dermal absorption of chemicals in excised human skin: A proof-of-concept study. <i>Toxicology in Vitro</i> , 2016, 33, 23-28.	1.1	10
100	Exposure of the German general population to platinum and rhodium ~ Urinary levels and determining factors. <i>International Journal of Hygiene and Environmental Health</i> , 2016, 219, 801-810.	2.1	10
101	Regioselective ester cleavage of di-(2-ethylhexyl) trimellitates by porcine liver esterase. <i>Toxicology in Vitro</i> , 2018, 47, 178-185.	1.1	10
102	Reduction of exposure to plasticizers in stored red blood cell units. <i>Perfusion (United Kingdom)</i> , 2020, 35, 32-38.	0.5	10
103	European interlaboratory comparison investigations (ICI) and external quality assurance schemes (EQUAS) for the analysis of bisphenol A, S and F in human urine: Results from the HBM4EU project. <i>Environmental Research</i> , 2022, 210, 112933.	3.7	10
104	Visible and subclinical skin changes in male and female dispatch department workers of newspaper printing plants. <i>Skin Research and Technology</i> , 2005, 11, 132-139.	0.8	9
105	Discrepancies between different rat models for the assessment of percutaneous penetration of hazardous substances. <i>Archives of Toxicology</i> , 2007, 81, 833-840.	1.9	9
106	Excretion of mercapturic acids in human urine after occupational exposure to 2-chloroprene. <i>Archives of Toxicology</i> , 2013, 87, 1095-1102.	1.9	9
107	Current and historical individual data about exposure of workers in the rayon industry to carbon disulfide and their validity in calculating the cumulative dose. <i>International Archives of Occupational and Environmental Health</i> , 2014, 87, 675-683.	1.1	9
108	Monocyclic and bicyclic monoterpenes in air of German daycare centers and human biomonitoring in visiting children, the LUPE 3 study. <i>Environment International</i> , 2015, 83, 86-93.	4.8	9

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109	Urinary organophosphate metabolite levels in Palestinian pregnant women: results of the Middle East Regional Cooperation Project. <i>International Journal of Environmental Health Research</i> , 2016, 26, 254-266.	1.3	9
110	Decreasing urinary organophosphate pesticide metabolites among pregnant women and their offspring in Jerusalem: Impact of regulatory restrictions on agricultural organophosphate pesticides use?. <i>International Journal of Hygiene and Environmental Health</i> , 2018, 221, 775-781.	2.1	9
111	Aluminium in plasma and tissues after intramuscular injection of adjuvanted human vaccines in rats. <i>Archives of Toxicology</i> , 2019, 93, 2787-2796.	1.9	9
112	Impact of Daily Antiperspirant Use on the Systemic Aluminum Exposure: An Experimental Intervention Study. <i>Skin Pharmacology and Physiology</i> , 2020, 33, 1-8.	1.1	9
113	Determination of eleven small selenium species in human urine by chromatographic-coupled ICP-MS methods. <i>Journal of Trace Elements in Medicine and Biology</i> , 2020, 61, 126519.	1.5	9
114	Trichloroacetic acid in urine as biological exposure equivalent for low exposure concentrations of trichloroethene. <i>Archives of Toxicology</i> , 2010, 84, 897-902.	1.9	8
115	Reliable quantification of 1,2-dihydroxynaphthalene in urine using a conjugated reference compound for calibration. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 6861-6872.	1.9	8
116	Simultaneous assessment of phenolic metabolites in human urine for a specific biomonitoring of exposure to organophosphate and carbamate pesticides. <i>Toxicology Letters</i> , 2018, 298, 33-41.	0.4	8
117	Aluminium from adjuvanted subcutaneous allergen immunotherapeutics in rats is mainly detected in bone. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 215-217.	2.7	8
118	Identification of in vitro phase I metabolites of benzotriazole UV stabilizer UV-327 using HPLC coupled with mass spectrometry. <i>Toxicology in Vitro</i> , 2020, 68, 104932.	1.1	8
119	Dispersive liquid-liquid microextraction (DLLME) and external real matrix calibration for the determination of the UV absorber 2-(2H-benzotriazol-2-yl)-4,6-di-tert-pentylphenol (UV 328) and its metabolites in human blood. <i>Talanta</i> , 2021, 223, 121699.	2.9	8
120	Sensitive monitoring of the main metabolites of tri-(2-ethylhexyl) trimellitate (TOTM) in urine by coupling of on-line SPE, UHPLC and tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1171, 122618.	1.2	8
121	Assessment of museum staff exposure to arsenic while handling contaminated exhibits by urinalysis of arsenic species. <i>Journal of Occupational Medicine and Toxicology</i> , 2017, 12, 26.	0.9	7
122	Inhalation and dermal exposure of workers during timber impregnation with creosote and subsequent processing of impregnated wood. <i>Environmental Research</i> , 2020, 181, 108877.	3.7	7
123	Interlaboratory Comparison Investigations (ICIs) for human biomonitoring of chromium as part of the quality assurance programme under HBM4EU. <i>Journal of Trace Elements in Medicine and Biology</i> , 2022, 70, 126912.	1.5	7
124	Human biological monitoring – A versatile tool in the aftermath of a CBRN incident. <i>Toxicology Letters</i> , 2014, 231, 306-314.	0.4	6
125	Evaluation on the reliability of the permeability coefficient (Kp) to assess the percutaneous penetration property of chemicals on the basis of Flynn's dataset. <i>International Archives of Occupational and Environmental Health</i> , 2018, 91, 467-477.	1.1	6
126	Exposure to environmental tobacco smoke in non - smoking adults in Israel: results of the second Israel biomonitoring survey. <i>Israel Journal of Health Policy Research</i> , 2018, 7, 33.	1.4	6



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127	Validity of different biomonitoring parameters for the assessment of occupational exposure to N,N-dimethylformamide (DMF). Archives of Toxicology, 2018, 92, 2183-2193.	1.9	6
128	Increased intima-media thickness in rayon workers after long-term exposure to carbon disulfide. International Archives of Occupational and Environmental Health, 2016, 89, 513-519.	1.1	5
129	Dermal penetration and resorption of beta-naphthylamine and N-phenyl-beta-naphthylamine from lubricants in an ex vivo human skin model. Chemosphere, 2017, 185, 934-941.	4.2	5
130	LC-MS/MS procedure for the simultaneous determination of N-acetyl-S-(1-naphthyl)cysteine and N-acetyl-S-(2-naphthyl)cysteine in human urine. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2018, 1074-1075, 139-145.	1.2	5
131	Serum organochlorines and non-Hodgkin lymphoma: A case-control study in Israeli Jews and Palestinians. Chemosphere, 2018, 213, 395-402.	4.2	5
132	Newborn infant urinary cotinine and birth outcomes in the Jerusalem Environment Mother and Child Cohort Study. International Journal of Hygiene and Environmental Health, 2019, 222, 1054-1058.	2.1	5
133	Validity of different biomonitoring parameters in human urine for the assessment of occupational exposure to naphthalene. Archives of Toxicology, 2019, 93, 2185-2195.	1.9	5
134	Dermal and Inhalation Exposure of Workers during Control of Oak Processionary Moth (OPM) by Spray Applications. Annals of Work Exposures and Health, 2019, 63, 294-304.	0.6	5
135	Calcium, magnesium and aluminium ions as decontaminating agents against dermal fluoride absorption following hydrofluoric acid exposure. Toxicology in Vitro, 2021, 71, 105055.	1.1	5
136	Long-term monitoring of mercury in young German adults: Time trend analyses from the German Environmental Specimen Bank, 1995-2018. Environmental Research, 2022, 207, 112592.	3.7	5
137	Subjective complaints in persons under chronic low-dose exposure to lower polychlorinated biphenyls (PCBs). International Journal of Hygiene and Environmental Health, 2008, 211, 648-657.	2.1	4
138	Reliable quantitation of $\beta$ -hydroxyethoxyacetic acid in human urine by an isotope-dilution GC-MS procedure. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2013, 935, 80-84.	1.2	4
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