

# CITATION REPORT

List of articles citing

Determination of 61 elements in urine samples collected from a non-occupationally exposed UK adult population

DOI: 10.1016/j.toxlet.2014.08.019  
Toxicology Letters, 2014, 231, 179-93.

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**Version:** 2024-04-19

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#	Paper	IF	Citations
98	A perspective on biological monitoring guidance values. <i>Toxicology Letters</i> , <b>2014</b> , 231, 122-5	4.4	8
97	Levels of rare earth elements, heavy metals and uranium in a population living in Baiyun Obo, Inner Mongolia, China: a pilot study. <i>Chemosphere</i> , <b>2015</b> , 128, 161-70	8.4	52
96	Colorimetric determination of some toxic metal ions in post-mortem biological samples. <i>Sensors and Actuators B: Chemical</i> , <b>2015</b> , 221, 1027-1034	8.5	37
95	The extent of mercury (Hg) exposure among Saudi mothers and their respective infants. <i>Environmental Monitoring and Assessment</i> , <b>2015</b> , 187, 678	3.1	14
94	Pilot study testing a European human biomonitoring framework for biomarkers of chemical exposure in children and their mothers: experiences in the UK. <i>Environmental Science and Pollution Research</i> , <b>2015</b> , 22, 15821-34	5.1	15
93	Determination of lead at physiological level in human biological materials using the total reflection X-ray fluorescence analysis. <i>X-Ray Spectrometry</i> , <b>2016</b> , 45, 318-324	0.9	3
92	Human biomonitoring of metals in adults living near a waste-to-energy incinerator in ante-operam phase: Focus on reference values and health-based assessments. <i>Environmental Research</i> , <b>2016</b> , 148, 338-350	7.9	17
91	Exposure of the German general population to platinum and rhodium - Urinary levels and determining factors. <i>International Journal of Hygiene and Environmental Health</i> , <b>2016</b> , 219, 801-810	6.9	6
90	Determination of trace elements in human urine by ICP-MS using sodium chloride as a matrix-matching component in calibration. <i>Analytical Methods</i> , <b>2016</b> , 8, 6754-6763	3.2	14
89	A review of Human Biomonitoring studies of trace elements in Pakistan. <i>Chemosphere</i> , <b>2016</b> , 163, 153-176	6.4	43
88	Investigating the intra-individual variability in the human metabolic profile of urinary selenium. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2016</b> , 37, 31-36	4.1	9
87	A nested case-control study of prenatal vanadium exposure and low birthweight. <i>Human Reproduction</i> , <b>2016</b> , 31, 2135-41	5.7	23
86	"Quiet Reflections" by an Artist With Seropositive Rheumatoid Arthritis, Highlighting the Potential Role of Cadmium Inhalation in the Workplace as a Trigger for Rheumatoid Arthritis. <i>Journal of Clinical Rheumatology</i> , <b>2016</b> , 22, 276	1.1	2
85	Time trend of cadmium intake in Korea. <i>Environmental Health and Preventive Medicine</i> , <b>2016</b> , 21, 118-28	4.2	9
84	Atomic spectrometry update: review of advances in the analysis of clinical and biological materials, foods and beverages. <i>Journal of Analytical Atomic Spectrometry</i> , <b>2016</b> , 31, 554-596	3.7	12
83	Biomonitoring of 20 elements in urine of children. Levels and predictors of exposure. <i>Chemosphere</i> , <b>2016</b> , 144, 1698-705	8.4	35
82	Evaluation of Seasonal Variability of Toxic and Essential Elements in Urine Analyzed by Inductively Coupled Plasma Mass Spectrometry. <i>Exposure and Health</i> , <b>2017</b> , 9, 79-88	8.8	9

81	Biological monitoring of welders exposure to chromium, molybdenum, tungsten and vanadium. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2017</b> , 41, 99-106	4.1	15
80	Multi-elemental analysis of human lung samples using inductively coupled plasma mass spectrometry. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2017</b> , 43, 63-71	4.1	22
79	Prenatal chromium exposure and risk of preterm birth: a cohort study in Hubei, China. <i>Scientific Reports</i> , <b>2017</b> , 7, 3048	4.9	21
78	The simultaneous detection of trivalent & hexavalent chromium in exhaled breath condensate: A feasibility study comparing workers and controls. <i>International Journal of Hygiene and Environmental Health</i> , <b>2017</b> , 220, 415-423	6.9	23
77	Association of adverse birth outcomes with prenatal exposure to vanadium: a population-based cohort study. <i>Lancet Planetary Health</i> , <b>2017</b> , 1, e230-e241	9.8	40
76	Association between maternal urinary chromium and premature rupture of membranes in the Healthy Baby Cohort study in China. <i>Environmental Pollution</i> , <b>2017</b> , 230, 53-60	9.3	10
75	Risk assessment of environmental exposure to heavy metals in mothers and their respective infants. <i>International Journal of Hygiene and Environmental Health</i> , <b>2017</b> , 220, 1252-1278	6.9	29
74	Reference levels and relationships of nine elements in first-spot morning urine and 24-h urine from 210 Chinese children. <i>International Journal of Hygiene and Environmental Health</i> , <b>2017</b> , 220, 227-234	6.9	19
73	Assessment of H NMR-based metabolomics analysis for normalization of urinary metals against creatinine. <i>Clinica Chimica Acta</i> , <b>2017</b> , 464, 37-43	6.2	9
72	Urinary arsenic, cadmium, manganese, nickel, and vanadium levels of schoolchildren in the vicinity of the industrialised area of Asaluyeh, Iran. <i>Environmental Science and Pollution Research</i> , <b>2017</b> , 24, 23498-23507	5.1	22
71	AB0306 Caplan's syndrome, cadmium and china clay: could occupational kaolin inhalation enhance cadmium exposure to explain the sixty year conundrum of caplan's syndrome first reported in coal miners?. <b>2017</b> ,		
70	Total arsenic concentrations in Chinese children's urine by different geographic locations, ages, and genders. <i>Environmental Geochemistry and Health</i> , <b>2018</b> , 40, 1027-1036	4.7	5
69	Investigation of Trace Element Content in the Seeds, Pulp, and Peel of Mashui Oranges Using Microwave Digestion and ICP-MS Analysis. <i>Biological Trace Element Research</i> , <b>2018</b> , 182, 152-158	4.5	4
68	Aerosol dilution as a simple strategy for analysis of complex samples by ICP-MS. <i>Talanta</i> , <b>2018</b> , 178, 805-810	6.1	21
67	The current environmental levels of endocrine disruptors (mercury, cadmium, organochlorine pesticides and PCBs) in a Belgian adult population and their predictors of exposure. <i>International Journal of Hygiene and Environmental Health</i> , <b>2018</b> , 221, 211-222	6.9	26
66	Determination of major and trace element variability in healthy human urine by ICP-QMS and specific gravity normalisation.. <i>RSC Advances</i> , <b>2018</b> , 8, 38022-38035	3.7	8
65	Exposure to chromium during pregnancy and longitudinally assessed fetal growth: Findings from a prospective cohort. <i>Environment International</i> , <b>2018</b> , 121, 375-382	12.9	10
64	Calibration for the determination of 19 trace elements in serum and urine. <i>Toxicological and Environmental Chemistry</i> , <b>2018</b> , 100, 395-412	1.4	10

63	Environmental tin exposure in a nationally representative sample of U.S. adults and children: The National Health and Nutrition Examination Survey 2011-2014. <i>Environmental Pollution</i> , <b>2018</b> , 240, 599-606	8.3	8
62	Urinary levels of metal elements in the non-smoking general population in Italy: SIVR study 2012-2015. <i>Toxicology Letters</i> , <b>2018</b> , 298, 177-185	4.4	19
61	Trace Element Concentrations in Drinking Water and Urine among Saharawi Women and Young Children. <i>Toxics</i> , <b>2018</b> , 6,	4.7	5
60	Increased urinary excretion of aluminium after ingestion of the food additive sodium aluminium phosphate (SALP) - a study on healthy volunteers. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , <b>2019</b> , 36, 1236-1243	3.2	3
59	Setting up a collaborative European human biological monitoring study on occupational exposure to hexavalent chromium. <i>Environmental Research</i> , <b>2019</b> , 177, 108583	7.9	24
58	Analysis of urinary trace element levels in general population of Wuhan in central China. <i>Environmental Science and Pollution Research</i> , <b>2019</b> , 26, 27823-27831	5.1	8
57	Pediatric reference values for chromium and mercury in urine in the City of Buenos Aires and Greater Buenos Aires. <i>Archivos Argentinos De Pediatría</i> , <b>2019</b> , 117, 245-251	0.7	1
56	Addendum zu Aluminium [BAT Value Documentation in German language, 2019]. <b>2019</b> , 4, 233-242		1
55	Prenatal exposure of rare earth elements cerium and ytterbium and neonatal thyroid stimulating hormone levels: Findings from a birth cohort study. <i>Environment International</i> , <b>2019</b> , 133, 105222	12.9	11
54	Availability of arsenic in rice grains by in vitro and in vivo (humans) assays. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2019</b> , 56, 184-191	4.1	5
53	Rapid analytical method of Sr in urine sample: Rapid separation of Sr by phosphate co-precipitation and extraction chromatography, followed by determination by triple quadrupole inductively coupled plasma mass spectrometry (ICP-MS/MS). <i>Applied Radiation and Isotopes</i> , <b>2019</b> , 150, 103-109	1.7	6
52	Borsüre und Tetraborate [Bestimmung von Bor in Urin mittels ICP-OES [Biomonitoring Methods in German language, 2019]. <b>2019</b> , 4, 1751-1765		
51	Boric acid and tetraborates [Determination of boron in urine by ICP-OES [Biomonitoring Methods, 2019]. <b>2019</b> , 4, 1713-1726		
50	Titanium Compounds, Inorganic. <b>2019</b> , 1-76		0
49	Environmental exposures in young adults with declining kidney function in a population at risk of Mesoamerican nephropathy. <i>Occupational and Environmental Medicine</i> , <b>2019</b> , 76, 920-926	2.1	14
48	Nodular rheumatoid arthritis (RA): A distinct disease subtype, initiated by cadmium inhalation inducing pulmonary nodule formation and subsequent RA-associated autoantibody generation. <i>Medical Hypotheses</i> , <b>2019</b> , 122, 48-55	3.8	5
47	The cross-sectional and longitudinal associations of chromium with dyslipidemia: A prospective cohort study of urban adults in China. <i>Chemosphere</i> , <b>2019</b> , 215, 362-369	8.4	6
46	Intra-household agreement of urinary elemental concentrations in Tanzania and Kenya: potential surrogates in case-control studies. <i>Journal of Exposure Science and Environmental Epidemiology</i> , <b>2019</b> , 29, 335-343	6.7	6

45	Precise determination of the molybdenum isotopic composition of urine by multiple collector inductively coupled plasma mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , <b>2020</b> , 34, e8658	2.2	3
44	Association of prenatal exposure to rare earth elements with newborn mitochondrial DNA content: Results from a birth cohort study. <i>Environment International</i> , <b>2020</b> , 143, 105863	12.9	4
43	Urinary Oxidative Stress Biomarkers in Workers of a Titanium Dioxide Based Pigment Production Plant. <i>International Journal of Environmental Research and Public Health</i> , <b>2020</b> , 17,	4.6	3
42	Occupational exposure of foundry workers assessed by the urinary concentrations of 18 elements and arsenic species. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2020</b> , 62, 126593	4.1	5
41	Urine metallomics signature as an indicator of pancreatic cancer. <i>Metallomics</i> , <b>2020</b> , 12, 752-757	4.5	17
40	Relation between cadmium body burden and cognitive function in older men: A cross-sectional study in China. <i>Chemosphere</i> , <b>2020</b> , 250, 126535	8.4	12
39	Elemental Metabolomics for Prediction of Term Gestational Outcomes Utilising 18-Week Maternal Plasma and Urine Samples. <i>Biological Trace Element Research</i> , <b>2021</b> , 199, 26-40	4.5	3
38	Association between prenatal rare earth elements exposure and premature rupture of membranes: Results from a birth cohort study. <i>Environmental Research</i> , <b>2021</b> , 193, 110534	7.9	4
37	Human biomonitoring of 73 elements in blood, serum, erythrocytes and urine. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2021</b> , 64, 126706	4.1	13
36	A new procedure for the determination of 21 macro- and trace elements in human fetal urine using an inductively coupled plasma mass spectrometry with dynamic reaction cell (ICP-DRC-MS) equipped with a micro-flow nebulizer. <i>Talanta</i> , <b>2021</b> , 222, 121672	6.2	4
35	Spatial analysis of urine zinc (Zn) concentration for women of reproductive age and school age children in Malawi. <i>Environmental Geochemistry and Health</i> , <b>2021</b> , 43, 259-271	4.7	1
34	Concentrations of vanadium in urine with hypertension prevalence and blood pressure levels. <i>Ecotoxicology and Environmental Safety</i> , <b>2021</b> , 213, 112028	7	4
33	Zinc stable isotopes in urine as diagnostic for cancer of secretory organs. <i>Metallomics</i> , <b>2021</b> , 13,	4.5	5
32	Thallium Contamination of Drinking Water: Health Implications in a Residential Cohort Study in Tuscany (Italy). <i>International Journal of Environmental Research and Public Health</i> , <b>2021</b> , 18,	4.6	3
31	Rapid analysis of Np and Pu isotopes in small volume urine by SF-ICP-MS and ICP-MS/MS. <i>Analytica Chimica Acta</i> , <b>2021</b> , 1158, 338431	6.6	4
30	Derivation of Biomonitoring Equivalents for aluminium for the interpretation of population-level biomonitoring data. <i>Regulatory Toxicology and Pharmacology</i> , <b>2021</b> , 122, 104913	3.4	1
29	Oxidative Stress Biomarkers in Urine of Metal Carpentry Workers Can Be Diagnostic for Occupational Exposure to Low Level of Welding Fumes from Associated Metals. <i>Cancers</i> , <b>2021</b> , 13,	6.6	0
28	Particle and metal exposure in Parisian subway: Relationship between exposure biomarkers in air, exhaled breath condensate, and urine. <i>International Journal of Hygiene and Environmental Health</i> , <b>2021</b> , 237, 113837	6.9	6

27	Prenatal and postnatal exposure to vanadium and the immune function of children. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2021</b> , 67, 126787	4.1	
26	High silver concentrations in biological samples following different exposures: Two case reports. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2021</b> , 67, 126775	4.1	1
25	Identifying windows of susceptibility to essential elements for semen quality among 1428 healthy men screened as potential sperm donors. <i>Environment International</i> , <b>2021</b> , 155, 106586	12.9	1
24	Determination of trace elements in urine by inductively coupled plasma-tandem mass spectrometry - Biomonitoring of adults in the German capital region. <i>Chemosphere</i> , <b>2021</b> , 285, 131425	8.4	1
23	HBM4EU chromates study - Overall results and recommendations for the biomonitoring of occupational exposure to hexavalent chromium. <i>Environmental Research</i> , <b>2022</b> , 204, 111984	7.9	8
22	Human biomonitoring to assess exposure to thallium following the contamination of drinking water. <i>PLoS ONE</i> , <b>2020</b> , 15, e0241223	3.7	5
21	Biological monitoring of exposure to polycyclic aromatic hydrocarbons and to metallic elements in Italian Navy workers operating near the industrial area in Taranto (South Italy). <i>Medicina Del Lavoro</i> , <b>2018</b> , 110, 339-362	1.9	
20	The reference values in the interpretation of toxicological data. <i>Medicina Del Lavoro</i> , <b>2019</b> , 110, 251-270	1.9	2
19	Biological monitoring of exposure to rare earth elements and selected metals in the inuit population of Nunavik, Canada. <i>Chemosphere</i> , <b>2021</b> , 133142	8.4	2
18	Determination of 14 trace elements in blood, serum and urine after environmental disaster in the Doce River basin: Relationship between mining waste and metal concentration in the population.. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2021</b> , 70, 126920	4.1	1
17	Association between prenatal exposure to metal mixtures and early childhood allergic diseases.. <i>Environmental Research</i> , <b>2021</b> , 206, 112615	7.9	1
16	The Effect of Co-Exposure to Glyphosate, Cadmium, and Arsenic on Chronic Kidney Disease. <i>Exposure and Health</i> , 1	8.8	2
15	Platinum. <b>2022</b> , 663-690		
14	Association of urinary rubidium concentrations with hypertension risk and blood pressure levels: A cross-sectional study in China.. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2022</b> , 71, 126936	4.1	0
13	Biological Monitoring: Evidence for Reductions in Occupational Exposure and Risk.. <i>Frontiers in Toxicology</i> , <b>2022</b> , 4, 836567	1.6	
12	Variability of lead in urine and blood in healthy individuals.. <i>Environmental Research</i> , <b>2022</b> , 212, 113412	7.9	2
11	Simultaneous quantification of 70 elements in biofluids within 5 min using inductively coupled plasma mass spectrometry to reveal elementomic phenotypes of healthy Chinese adults. <i>Talanta</i> , <b>2022</b> , 250, 123720	6.2	0
10	Developing human biomonitoring as a 21st century toolbox within the European exposure science strategy 2020-2030. <b>2022</b> , 168, 107476		1

- 9 Chemistry must respond to the crisis of transgression of planetary boundaries. 0
- 8 Prenatal metal mixture exposure and birth weight: A two-stage analysis in two prospective cohort studies. **2022**, 1
- 7 Prenatal titanium exposure and child neurodevelopment at 1 year of age: A longitudinal prospective birth cohort study. **2023**, 311, 137034 0
- 6 Investigation and monitoring of heavy metal poisoning. jclinpath-2021-207793 1
- 5 HBM4EU CHROMATES STUDY | THE MEASUREMENT OF HEXAVALENT AND TRIVALENT CHROMIUM IN EXHALED BREATH CONDENSATE SAMPLES FROM OCCUPATIONALLY EXPOSED WORKERS ACROSS EUROPE. **2022**, 0
- 4 Independent, combine and interactive effects of heavy metal exposure on dyslipidemia biomarkers: A cross-sectional study in northeastern China. **2023**, 250, 114494 1
- 3 Levels and determinants of urinary and blood metals in the geothermal area of Mt. Amiata in Tuscany (Italy). 0
- 2 The relationship between urinary selenium levels and risk of gestational diabetes mellitus: A nested case-control study. 11, 0
- 1 A method for reliable quantification of mercury in occupational and environmental medical urine samples by inductively coupled plasma mass spectrometry. 0