

# CITATION REPORT

List of articles citing

**Metal and metalloid multi-elementary ICP-MS validation in whole blood, plasma, urine and hair. Reference values**

**DOI: 10.1016/j.forsciint.2005.04.020**

**Forensic Science International, 2005, 153, 39-44.**

**Source:** <https://exaly.com/paper-pdf/38438928/citation-report.pdf>

**Version:** 2024-04-25

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
467	Risk assessment of welders using analysis of eight metals by ICP-MS in blood and urine and DNA damage evaluation by the comet and micronucleus assays; influence of XRCC1 and XRCC3 polymorphisms. <b>2005</b> , 20, 425-32		64
466	Determination of antimony in human blood with inductively coupled plasma-mass spectrometry. <b>2005</b> , 7, 1251-4		18
465	Consequences of vapor enhancement on selenium speciation analysis by HPLC/ICPMS. <b>2006</b> , 78, 8569-74		43
464	La toxicologie analytique au début du troisième millénaire : de nouvelles applications médicales riches de promesses et leurs conséquences pour l'avenir de la toxicologie. <i>Bulletin De L'Académie Nationale De Médecine</i> , <b>2006</b> , 190, 453-467	0.1	
463	Sensitive inductively coupled plasma mass spectrometry assay for the determination of platinum originating from cisplatin, carboplatin, and oxaliplatin in human plasma ultrafiltrate. <b>2006</b> , 41, 1186-94		48
462	Current literature in mass spectrometry. <b>2006</b> , 41, 551-562		
461	Evaluation of the risk of contamination of surgical personnel by vaporization of oxaliplatin during the intraoperative hyperthermic intraperitoneal chemotherapy (HIPEC). <b>2007</b> , 33, 623-6		22
460	The bacterial response to the chalcogen metalloids Se and Te. <b>2008</b> , 53, 1-72		117
459	Caractérisation de l'exposition aux fumées de soudage en atelier dans le secteur du BTP. <b>2007</b> , 68, 233-243		0
458	Time to re-evaluate the guideline value for manganese in drinking water?. <b>2007</b> , 115, 1533-8		139
457	Determination of the complexation constants of Pb(II) and Cd(II) with thymol blue using spectrophotometry, SQUAD and the HSAB principle. <b>2007</b> , 66, 68-73		8
456	L'exposition au mercure en 2007 toxicité et prise en charge. <b>2007</b> , 2007, 51-56		
455	Determination of ruthenium originating from the investigational anti-cancer drug NAMI-A in human plasma ultrafiltrate, plasma, and urine by inductively coupled plasma mass spectrometry. <b>2007</b> , 21, 1521-30		19
454	Recherche des causes toxiques des morts suspectes dans le cadre de l'application de l'article 74 du code de procédure pénale. <b>2007</b> , 2007, 69-79		2
453	Determination of trace elements in scalp hair of an elderly population by neutron activation analysis. <b>2008</b> , 276, 53-57		9
452	Analytical performance of a multi-element ICP-AES method for Cd, Co, Cr, Cu, Mn, Ni and Pb determination in blood fraction samples. <b>2008</b> , 160, 405-411		10
451	Graphite furnace atomic absorption spectrometry as a routine method for the quantification of beryllium in blood and serum. <b>2008</b> , 2, 14		7

450	Hair and fingernail gadolinium ICP-MS contents in an overdose case associated with nephrogenic systemic fibrosis. <i>Forensic Science International</i> , <b>2008</b> , 176, 54-7	2.6	43
449	Evaluation of the use of human hair for biomonitoring the deficiency of essential and exposure to toxic elements. <i>Science of the Total Environment</i> , <b>2008</b> , 405, 370-6	10.2	120
448	Trace elements in cerebrospinal fluid and blood from patients with a rare progressive central and peripheral demyelinating disease. <b>2008</b> , 266, 70-8		35
447	A fast method for the determination of 16 elements in hair samples by inductively coupled plasma mass spectrometry (ICP-MS) with tetramethylammonium hydroxide solubilization at room temperature. <b>2008</b> , 23, 992		38
446	Essential and non-essential trace metals in scalp hair of men chronically exposed to volcanogenic metals in the Azores, Portugal. <b>2008</b> , 34, 1104-8		60
445	Trace element composition of plasma and breast milk of well-nourished women. <b>2008</b> , 43, 329-34		34
444	Denture cream: an unusual source of excess zinc, leading to hypocupremia and neurologic disease. <b>2008</b> , 71, 639-43		151
443	Multi-elemental analysis of serum and amyloid fibrils in familial amyloid polyneuropathy patients. <b>2008</b> , 15, 108-16		10
442	The study of a new method to determine copper ion by square-wave voltammetry-extraction iodometry at the liquid/liquid interfaces. <b>2008</b> , 2008, 453429		4
441	A glimpse on biological activities of tellurium compounds. <b>2009</b> , 81, 393-407		120
440	Trace element levels in whole blood of riparian villagers of the Brazilian Amazon. <i>Science of the Total Environment</i> , <b>2009</b> , 407, 4168-73	10.2	19
439	A fast ultrasound-assisted extraction procedure for trace elements determination in hair samples by ICP-MS for forensic analysis. <i>Forensic Science International</i> , <b>2009</b> , 192, 88-93	2.6	50
438	Lead accumulation as possible risk factor for primary open-angle glaucoma. <b>2009</b> , 132, 1-8		23
437	Antimony in plasma and skin of patients with cutaneous leishmaniasis--relationship with side effects after treatment with meglumine antimoniate. <b>2009</b> , 14, 1515-22		19
436	Mercury exposure increases circulating net matrix metalloproteinase (MMP)-2 and MMP-9 activities. <b>2009</b> , 105, 281-8		16
435	Environmental exposure to methylmercury is associated with a decrease in nitric oxide production. <b>2010</b> , 106, 411-5		16
434	Determination of gallium in human urine by supercritical carbon dioxide extraction and graphite furnace atomic absorption spectrometry. <b>2009</b> , 163, 1239-45		26
433	Non-invasive matrices in human biomonitoring: a review. <b>2009</b> , 35, 438-49		338

432	Lithium poisoning: is determination of the red blood cell lithium concentration useful?. <b>2009</b> , 47, 8-13		28
431	Cold-vapour atomic absorption spectrometry underestimates total mercury in blood and urine compared to inductively-coupled plasma mass spectrometry: an important factor for determining mercury reference intervals. <b>2009</b> , 41, 467-72		14
430	Serum trace elements in elderly frail patients with oropharyngeal dysphagia. <b>2009</b> , 55, 407-11		7
429	[The metallic profile: a new biological concept]. <b>2010</b> , 68, 429-40		3
428	Lead levels in fur of rats treated with inorganic lead measured by inductively coupled argon plasma mass spectrometry. <b>2010</b> , 3, 118-21		1
427	Determination of chemical elements in biological fluids and diagnostic substrates from children by inductively coupled plasma mass spectrometry. <b>2010</b> , 65, 964-972		5
426	A simple method based on ICP-MS for estimation of background levels of arsenic, cadmium, copper, manganese, nickel, lead, and selenium in blood of the Brazilian population. <b>2010</b> , 73, 878-87		90
425	Mercury exposure and oxidative stress in communities of the Brazilian Amazon. <i>Science of the Total Environment</i> , <b>2010</b> , 408, 806-11	10.2	87
424	A functional matrix metalloproteinase (MMP)-9 polymorphism modifies plasma MMP-9 levels in subjects environmentally exposed to mercury. <i>Science of the Total Environment</i> , <b>2010</b> , 408, 4085-92	10.2	14
423	Recovering Ga(III) from coordination complexes using pyridine 2,6-dicarboxylic acid chelation ion chromatography. <b>2010</b> , 24, 1015-22		8
422	Highly selective ionic liquid-based microextraction method for sensitive trace cobalt determination in environmental and biological samples. <b>2010</b> , 662, 155-62		79
421	Poly(2-amino-4-thiazoleacetic acid)/multiwalled carbon nanotubes modified glassy carbon electrodes for the electrochemical detection of copper(II). <b>2010</b> , 55, 2518-2521		34
420	Methods for Analysis of Gastrointestinal Toxicants. <b>2010</b> , 145-152		2
419	Development and validation of analytical methods for ultra-trace beryllium in biological matrices. <b>2010</b> , 34, 562-70		2
418	Cross-sectional biomonitoring of metals in adult populations in post-war eastern Croatia: differences between areas of moderate and heavy combat. <b>2010</b> , 51, 451-60		26
417	Mass Spectrometry Applications in Forensic Science. <b>2010</b> ,		1
416	14:Methylated Metal(loid) Species in Humans. <b>2010</b> , 465-521		13
415	Method validation for the quantification of As, Cd, Hg and Pb in blood by ICP-MS for monitoring purposes. <b>2010</b> , 2, 2049		16

414	Carvedilol protects against the renal mitochondrial toxicity induced by cisplatin in rats. <b>2010</b> , 10, 46-53		33
413	Heavy metals exposures among Mexican farmworkers in eastern North Carolina. <i>Environmental Research</i> , <b>2010</b> , 110, 83-8	7.9	31
412	The effect of dietary habits on mineral composition of human scalp hair. <b>2010</b> , 30, 188-94		34
411	Fast multi-element screening of non-digested biological materials by slurry introduction to ICP-AES. <i>Talanta</i> , <b>2010</b> , 80, 2068-75	6.2	15
410	Novel surface molecularly imprinted material modified multi-walled carbon nanotubes as solid-phase extraction sorbent for selective extraction gallium ion from fly ash. <i>Talanta</i> , <b>2010</b> , 82, 304-11 <sup>6.2</sup>		49
409	Environmental Heavy Metal Pollution and Effects on Child Mental Development. <b>2011</b> ,		7
408	Environmental Contaminants in Tissues of Bald Eagles Sampled in Southwestern Montana, 2006-2008. <b>2011</b> , 45, 119-135		18
407	Al determination in whole blood samples as ALF via high-resolution continuum source graphite furnace molecular absorption spectrometry: potential application to forensic diagnosis of drowning. <b>2011</b> , 26, 1964		23
406	Changes in maternal blood concentrations of selected essential and toxic elements during and after pregnancy. <b>2011</b> , 13, 2143-52		57
405	Estimation of the distribution of intravenously injected adipose tissue-derived stem cells labeled with quantum dots in mice organs through the determination of their metallic components by ICPMS. <b>2011</b> , 83, 8252-8		20
404	Biological and Biochemical Aspects of Tellurium Derivatives. <b>2011</b> ,		
403	Biomarkers of methylmercury exposure immunotoxicity among fish consumers in Amazonian Brazil. <b>2011</b> , 119, 1733-8		83
402	Hair analysis as a biomonitor for toxicology, disease and health status. <b>2011</b> , 40, 3915-40		124
401	Infantile zinc deficiency: association with autism spectrum disorders. <b>2011</b> , 1, 129		102
400	Co and Cr accumulation in hair after metal-on-metal hip resurfacing arthroplasty. <b>2011</b> , 81, 436-9		4
399	Characterization of the elemental composition of newborn blood spots using sector-field inductively coupled plasma-mass spectrometry. <b>2011</b> , 21, 355-64		30
398	Biomonitorization of cadmium, chromium, manganese, nickel and lead in whole blood, urine, axillary hair and saliva in an occupationally exposed population. <i>Science of the Total Environment</i> , <b>2011</b> , 409, 1172-80	10.2	198
397	A common matrix metalloproteinase (MMP)-2 polymorphism affects plasma MMP-2 levels in subjects environmentally exposed to mercury. <i>Science of the Total Environment</i> , <b>2011</b> , 409, 4242-6	10.2	18

- 396 Association between essential trace and toxic elements in scalp hair samples of smokers rheumatoid arthritis subjects. *Science of the Total Environment*, **2011**, 412-413, 93-100 10.2 36
- 395 Reference intervals for blood Cd and Pb in the general population of Sardinia (Italy). **2011**, 214, 102-9 46
- 394 Lab-on-a-chip sensor for detection of highly electronegative heavy metals by anodic stripping voltammetry. **2011**, 13, 695-703 59
- 393 Determination of gallium originated from a gallium-based anticancer drug in human urine using ICP-MS. **2011**, 400, 709-14 22
- 392 Blood, urine, and sweat (BUS) study: monitoring and elimination of bioaccumulated toxic elements. **2011**, 61, 344-57 77
- 391 Heavy metals in hair of residents in an e-waste recycling area, south China: contents and assessment of bodily state. **2011**, 61, 696-703 32
- 390 Assessment of reference ranges for blood Cu, Mn, Se and Zn in a selected Italian population. *Journal of Trace Elements in Medicine and Biology*, **2011**, 25, 19-26 4.1 72
- 389 The potential role of cobalt ions released from metal prosthesis on the inhibition of Hv1 proton channels and the decrease in *Staphylococcus epidermidis* killing by human neutrophils. **2011**, 32, 1769-77 28
- 388 Hair trace elements concentration to describe polymetallic mining waste exposure in Bolivian Altiplano. **2011**, 139, 10-23 39
- 387 Magnesium, calcium, and trace elements excretion in 24-h urine. **2011**, 142, 1-10 11
- 386 Zinc in postmortem body tissues and fluids. **2011**, 142, 11-7 14
- 385 Trace elements in the hair of hemodialysis patients. **2011**, 143, 825-34 24
- 384 Comparative metal distribution in scalp hair of Pakistani and Irish referents and hypertensive patients. **2011**, 143, 1367-82 7
- 383 Internal exposure to trace elements in non-smoking residents living in a northern Taiwan industrial city. **2011**, 144, 36-48 1
- 382 Using dried-droplet laser ablation inductively coupled plasma mass spectrometry to quantify multiple elements in whole blood. **2011**, 699, 6-10 36
- 381 Mtaux. **2012**, 733-767
- 380 Neocortical levels of lithium are increased in bipolar disorder. **2012**, 17, 3-4 4
- 379 Boron. **2012**, 885-934 1

378	CCDC22: a novel candidate gene for syndromic X-linked intellectual disability. <b>2012</b> , 17, 4-7		31
377	Human exposure pathways of heavy metals in a lead-zinc mining area, Jiangsu Province, China. <i>PLoS ONE</i> , <b>2012</b> , 7, e46793	3.7	161
376	Worrying exposure to trace elements in the population of Kinshasa, Democratic Republic of Congo (DRC). <b>2012</b> , 85, 927-39		15
375	An ORS-ICP-MS method for monitoring trace levels of cobalt and chromium in whole blood samples from hip arthroplasty patients with metal-on-metal prostheses. <b>2012</b> , 45, 806-10		12
374	Early diagnosis of urinary lithiasis via elementary profile of serum samples. <b>2012</b> , 4, 693		5
373	Human Exposure to Antimony. II. Contents in Some Human Tissues Often Used in Biomonitoring (Hair, Nails, Teeth). <b>2012</b> , 42, 1058-1115		22
372	High-throughput Ru(III) analysis using the hydrothermal flow reactor-mediated FIA by the extreme acceleration of Ru(III) complexation with 1,10-phenanthroline. <i>Talanta</i> , <b>2012</b> , 99, 415-9	6.2	5
371	Child neurodevelopment in a Bolivian mining city. <i>Environmental Research</i> , <b>2012</b> , 112, 147-54	7.9	20
370	Do toxic heavy metals affect antioxidant defense mechanisms in humans?. <b>2012</b> , 78, 195-205		23
369	Applications of ICP-MS in Human Biomonitoring Studies. <b>2012</b> , 367-395		4
368	Application of Organometallic Speciation in Clinical Studies. <b>2012</b> , 409-453		
367	Determination of trace elements in bovine semen samples by inductively coupled plasma mass spectrometry and data mining techniques for identification of bovine class. <b>2012</b> , 95, 7066-73		19
366	Simultaneous Determination of Gallium(III) and Indium(III) in Urine and Water Samples with Cloud Point Extraction and by Inductively Coupled Plasma Optical Emission Spectrometry. <i>Analytical Letters</i> , <b>2012</b> , 45, 2096-2107	2.2	16
365	Importance of anthropogenic metals in hospital and urban wastewater: its significance for the environment. <b>2012</b> , 89, 1220-4		13
364	Nickel und seine Verbindungen [BAT Value Documentation in German language, 2011]. <b>2012</b> , 1-9		
363	Bariumverbindungen, löslich (als Ba berechnet) [BAT Value Documentation in German language, 2011]. <b>2012</b> , 1-10		
362	Beryllium und seine anorganischen Verbindungen, Addendum [BAT Value Documentation in German language, 2011]. <b>2012</b> , 11-14		
361	Application of Zeeman graphite furnace atomic absorption spectrometry with high-frequency modulation polarization for the direct determination of aluminum, beryllium, cadmium, chromium, mercury, manganese, nickel, lead, and thallium in human blood. <b>2012</b> , 63, 299-308		22

360	Interaction between zinc, cadmium, and lead in scalp hair samples of Pakistani and Irish smokers rheumatoid arthritis subjects in relation to controls. <b>2012</b> , 148, 139-47		33
359	Detection of beryllium in digested autopsy tissues by inductively coupled plasma mass spectrometry using a high matrix interface configuration. <b>2012</b> , 403, 409-18		7
358	Children's exposure to metals: a community-initiated study. <b>2012</b> , 62, 714-22		14
357	Comparison of urine toxic metals concentrations in athletes and in sedentary subjects living in the same area of Extremadura (Spain). <b>2012</b> , 112, 3027-31		17
356	Accidental potassium dichromate poisoning. Toxicokinetics of chromium by ICP-MS-CRC in biological fluids and in hair. <i>Forensic Science International</i> , <b>2012</b> , 217, e8-12	2.6	17
355	Elemental concentrations in scalp hair, nutritional status and health-related quality of life in hemodialysis patients. <b>2012</b> , 16, 127-33		11
354	Metal exposure and reproductive disorders in indigenous communities living along the Pilcomayo River, Bolivia. <i>Science of the Total Environment</i> , <b>2012</b> , 427-428, 26-34	10.2	12
353	Cadmium: From Toxicity to Essentiality. <b>2013</b> ,		35
352	Effect of long-term human exposure to environmental heavy metals on the expression of detoxification and DNA repair genes. <b>2013</b> , 181, 226-32		56
351	Biomonitoring of 20 trace elements in blood and urine of occupationally exposed workers by sector field inductively coupled plasma mass spectrometry. <i>Talanta</i> , <b>2013</b> , 116, 764-9	6.2	59
350	Multi-element analysis of urine using dynamic reaction cell inductively coupled plasma mass spectrometry (ICP-DRC-MS) - a practical application. <b>2013</b> , 26, 302-12		8
349	Maternal exposure to metals--concentrations and predictors of exposure. <i>Environmental Research</i> , <b>2013</b> , 126, 111-7	7.9	71
348	Importance of ERK activation in As <sub>2</sub> O <sub>3</sub> -induced differentiation and promyelocytic leukemia nuclear bodies formation in neuroblastoma cells. <b>2013</b> , 77, 11-21		5
347	Mercury, arsenic and selenium exposure levels in relation to fish consumption in the Mediterranean area. <i>Environmental Research</i> , <b>2013</b> , 120, 7-17	7.9	111
346	Reference values of elements in human hair: a systematic review. <b>2013</b> , 36, 1077-86		71
345	Human Exposure to Antimony. IV. Contents in Human Blood. <b>2013</b> , 43, 2071-2105		20
344	Evaluation of plasma trace element and mineral status in children and adolescents with phenylketonuria using data from inductively-coupled-plasma atomic emission and mass spectrometric analysis. <b>2013</b> , 63, 168-73		9
343	Position sensitive measurement of lithium traces in brain tissue with neutrons. <b>2013</b> , 40, 023501		11



342	Human Exposure to Antimony. III. Contents in Some Human Excreted Biofluids (Urine, Milk, Saliva). <b>2013</b> , 43, 162-214		17
341	Gold Nanomaterials Based Absorption and Fluorescence Detection of Mercury, Lead, and Copper. <b>2013</b> , 39-62		1
340	Human biomonitoring issues related to lead exposure. <b>2013</b> , 15, 1824-9		23
339	Investigation of trace elements in pterygium tissue. <b>2013</b> , 38, 526-30		3
338	Comparative metal distribution in scalp hair of Pakistani and Irish referents and diabetes mellitus patients. <b>2013</b> , 415, 207-14		24
337	Analysis methods and reference concentrations of 12 minor and trace elements in fish blood plasma. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2013</b> , 27, 273-85	4.1	13
336	Determination of gallium in biological fluids using inductively coupled plasma mass spectrometry. <b>2013</b> , 68, 106-111		6
335	Determination of cadmium in biological samples. <b>2013</b> , 11, 85-98		11
334	Dynamics of magnesium, copper, selenium and zinc serum concentrations for 2-year dietary intervention. <b>2013</b> , 8, e100-e107		3
333	Metallic profile of whole blood and plasma in a series of 106 healthy volunteers. <b>2013</b> , 37, 401-5		65
332	Potentially-toxic and essential elements profile of AH1N1 patients in Mexico City. <b>2013</b> , 3, 1284		9
331	The human urine metabolome. <i>PLoS ONE</i> , <b>2013</b> , 8, e73076	3.7	862
330	Metal presence in hair after metal-on-metal resurfacing arthroplasty. <b>2013</b> , 31, 2025-31		20
329	Application of ICP-OES to the determination of barium in blood and urine in clinical and forensic analysis. <b>2013</b> , 37, 222-6		10
328	Hair magnesium, but not serum magnesium, is associated with left ventricular wall thickness in hemodialysis patients. <b>2013</b> , 77, 3029-36		8
327	Lead, mercury, selenium, and other trace elements in tissues of golden eagles from southwestern Montana, USA. <b>2013</b> , 49, 114-24		28
326	Estimation of autistic children by metallomics analysis. <b>2013</b> , 3, 1199		45
325	Assessment of infantile mineral imbalances in autism spectrum disorders (ASDs). <i>International Journal of Environmental Research and Public Health</i> , <b>2013</b> , 10, 6027-43	4.6	57

324	Methods for Analysis of Gastrointestinal Toxicants?. <b>2014</b> ,		1
323	Determination of 16 selected trace elements in children plasma from china economical developed rural areas using high resolution magnetic sector inductively coupled mass spectrometry. <b>2014</b> , 2014, 975820		11
322	Current role of ICP-MS in clinical toxicology and forensic toxicology: a metallic profile. <b>2014</b> , 6, 2245-59		29
321	Improving Reproducibility of Lab-on-a-Chip Sensor with Bismuth Working Electrode for Determining Zn in Serum by Anodic Stripping Voltammetry. <i>Journal of the Electrochemical Society</i> , <b>2014</b> , 161, B3160-B3166	3.9	12
320	Direct Observation of Dynamic Mechanical Regulation of DNA Condensation by Environmental Stimuli. <b>2014</b> , 126, 10807-10811		1
319	Direct observation of dynamic mechanical regulation of DNA condensation by environmental stimuli. <b>2014</b> , 53, 10631-5		8
318	Whole blood and serum concentrations of metals in a Swedish population-based sample. <b>2014</b> , 74, 143-8		53
317	Determination of 33 elements in scalp hair samples from inhabitants of a mountain village of Tonglu city, China. <b>2014</b> , 104, 215-9		30
316	Elevated metal concentrations in the CF airway correlate with cellular injury and disease severity. <b>2014</b> , 13, 289-95		46
315	Biomonitoring of several toxic metal(loid)s in different biological matrices from environmentally and occupationally exposed populations from Panasqueira mine area, Portugal. <b>2014</b> , 36, 255-69		32
314	Trace elements in dialysis. <b>2014</b> , 29, 1329-35		26
313	ICP OES and CV AAS in determination of mercury in an unusual fatal case of long-term exposure to elemental mercury in a teenager. <i>Forensic Science International</i> , <b>2014</b> , 237, e1-5	2.6	40
312	[Detection of metal ions in hair after metal-metal hip arthroplasty]. <b>2014</b> , 58, 267-73		
311	Use of dried blood spots and inductively coupled plasma mass spectrometry for multi-element determination in blood. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2014</b> , 28, 255-9	4.1	17
310	Ethnic background and gender identification using electrothermal vaporization coupled to inductively coupled plasma optical emission spectrometry for forensic analysis of human hair. <b>2014</b> , 29, 1228-1232		11
309	Analytical method for total chromium and nickel in urine using an inductively coupled plasma-universal cell technology-mass spectrometer (ICP-UCT-MS) in kinetic energy discrimination (KED) mode. <b>2014</b> , 2014, 297-303		15
308	Determinants of metals exposure to metalworking fluid among metalworkers in Taiwan. <b>2014</b> , 69, 131-8		9
307	Characterization of metal profiles in serum during the progression of Alzheimer's disease. <b>2014</b> , 6, 292-300		76

306	Detection of metal ions in hair after metal-metal hip arthroplasty. <b>2014</b> , 58, 267-273	4
305	Efficacy of hair analysis for monitoring exposure to uranium: a mini-review. <b>2014</b> , 49, 1578-87	10
304	Levels of heavy metals and trace elements in umbilical cord blood and the risk of adverse pregnancy outcomes: a population-based study. <b>2014</b> , 160, 437-44	60
303	Correlations between elements in the fur of wild animals. <b>2014</b> , 93, 25-30	10
302	Trace metal concentrations measured in blood and urine of adolescents in Flanders, Belgium: reference population and case studies Genk-Zuid and Menen. <b>2014</b> , 217, 515-27	20
301	Mineral composition of human fascia lata. <b>2014</b> , 159, 440-4	3
300	Biomonitorization of chromium, copper, iron, manganese and nickel in scalp hair from orthodontic patients by atomic absorption spectrometry. <b>2014</b> , 37, 759-71	22
299	Human Exposure Pathways of Heavy Metals in a Lead-Zinc Mining Area, Jiangsu Province, China. <b>2014</b> , 129-153	2
298	Detection of Mercury in Human Organs and Hair in a Case of a Homicidal Poisoning of a Woman Autopsied 6 Years After Death. <b>2015</b> , 36, 227-31	7
297	Lithium content in the tea and herbal infusions. <b>2015</b> , 241, 289-293	9
296	Metal ions released from fixed orthodontic appliance affect hair mineral content. <b>2015</b> , 163, 11-8	15
295	Association of Serum Heavy Metals and Trace Element Concentrations with Reproductive Hormone Levels and Polycystic Ovary Syndrome in a Chinese Population. <b>2015</b> , 167, 1-10	48
294	Sensitive electrochemical sensor using a graphene-polyaniline nanocomposite for simultaneous detection of Zn(II), Cd(II), and Pb(II). <b>2015</b> , 874, 40-8	194
293	Reference values of hair toxic trace elements content in occupationally non-exposed Russian population. <b>2015</b> , 40, 18-21	42
292	Exposure to heavy metals due to pesticide use by vineyard farmers. <b>2015</b> , 88, 875-80	21
291	Effect of changes in food groups intake on magnesium, zinc, copper, and selenium serum levels during 2 years of dietary intervention. <b>2015</b> , 34, 1-14	11
290	A multi-element screening method to identify metal targets for blood biomonitoring in green sea turtles ( <i>Chelonia mydas</i> ). <i>Science of the Total Environment</i> , <b>2015</b> , 512-513, 613-621	10.2 12
289	Alkali dilution of blood samples for high throughput ICP-MS analysis-comparison with acid digestion. <b>2015</b> , 48, 140-7	48

288	Optimization of simultaneous electrochemical determination of Cd(II), Pb(II), Cu(II) and Hg(II) at carbon nanotube-modified graphite electrodes. <b>2015</b> , 50, 874-81		11
287	Determination of ultra-trace elements in human plasma or serum by ICP-MS using sodium in the presence of carbon as a single calibration matrix-match component. <b>2015</b> , 30, 1142-1153		14
286	Distribution of uranium, thorium and some stable trace and toxic elements in human hair and nails in Niša Banja Town, a high natural background radiation area of Serbia (Balkan Region, South-East Europe). <b>2015</b> , 145, 66-77		21
285	Investigation of the relationship between low environmental exposure to metals and bone mineral density, bone resorption and renal function. <b>2015</b> , 218, 444-51		28
284	Multiplexed paper analytical device for quantification of metals using distance-based detection. <b>2015</b> , 15, 2808-18		170
283	Nanogram level quantification of molybdenum(VI) by novel hyphenated SDME/DRS-FTIR in human biological fluid. <b>2015</b> , 7, 9474-9481		13
282	Metallic Profile of Whole Blood and Plasma in a Series of 99 Healthy Children. <b>2015</b> , 39, 707-13		17
281	Optimization and Validation of an ETAAS Method for the Determination of Nickel in Postmortem Material. <b>2015</b> , 39, 460-4		2
280	Hair concentration of essential trace elements in adult non-exposed Russian population. <b>2015</b> , 187, 677		33
279	Maternal exposure to alkali, alkali earth, transition and other metals: Concentrations and predictors of exposure. <b>2015</b> , 204, 256-63		35
278	An ionic liquid-based microextraction method for highly selective and sensitive trace determination of nickel in environmental and biological samples. <b>2015</b> , 7, 10229-10237		12
277	Impact of Ficoll density gradient centrifugation on major and trace element concentrations in erythrocytes and blood plasma. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2015</b> , 29, 249-54	4.1	37
276	Relationship between lead, cadmium, zinc, manganese and iron in hair of environmentally exposed subjects. <b>2016</b> , 9, S1214-S1217		16
275	Addendum to Beryllium and its Inorganic Compounds [BAT Value Documentation, 2010]. <b>2016</b> , 1-4		
274	Hair Microelement Profile as a Prognostic Tool in Parkinson's Disease. <i>Toxics</i> , <b>2016</b> , 4,	4.7	2
273	Nickel and its Compounds [BAT Value Documentation, 2010]. <b>2016</b> , 1-7		
272	Direct Quantification of Rare Earth Elements Concentrations in Urine of Workers Manufacturing Cerium, Lanthanum Oxide Ultrafine and Nanoparticles by a Developed and Validated ICP-MS. <i>International Journal of Environmental Research and Public Health</i> , <b>2016</b> , 13,	4.6	8
271	Hair Mercury Levels Detection in Fishermen from Sicily (Italy) by ICP-MS Method after Microwave-Assisted Digestion. <b>2016</b> , 2016, 5408014		15

270	Metal and Microelement Biomarkers of Neurodegeneration in Early Life Permethrin-Treated Rats. <i>Toxics</i> , <b>2016</b> , 4,	4.7	6
269	Distinctive Pattern of Serum Elements During the Progression of Alzheimer's Disease. <b>2016</b> , 6, 22769		50
268	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
267	Trace metal levels in serum and urine of a population in southern Brazil. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2016</b> , 35, 61-5	4.1	29
266	Maternal exposure to the water soluble fraction of crude oil, lead and their mixture induces autism-like behavioral deficits in zebrafish ( <i>Danio rerio</i> ) larvae. <b>2016</b> , 134P1, 23-30		13
265	Determination of trace elements in human urine by ICP-MS using sodium chloride as a matrix-matching component in calibration. <b>2016</b> , 8, 6754-6763		14
264	Useful and Fast Method for Blood Lead and Cadmium Determination Using ICP-MS and GF-AAS; Validation Parameters. <b>2016</b> , 30, 130-9		9
263	Levels of five metals in male hair from urban and rural areas of Chongqing, China. <i>Environmental Science and Pollution Research</i> , <b>2016</b> , 23, 22163-22171	5.1	6
262	Predictors of cadmium and lead concentrations in the blood of residents from the metropolitan area of Athens (Greece). <i>Science of the Total Environment</i> , <b>2016</b> , 568, 263-270	10.2	12
261	Infants and elderlies are susceptible to zinc deficiency. <b>2016</b> , 6, 21850		51
260	Levels of silver ions in body fluids and clinical results in silver-coated megaprotheses after tumour, trauma or failed arthroplasty. <b>2016</b> , 47 Suppl 4, S11-S16		98
259	Food authentication: state of the art and prospects. <b>2016</b> , 10, 22-31		93
258	Cohort Profile: The China Metal-Exposed Workers Cohort Study (Jinchang Cohort). <b>2017</b> , 46, 1095-1096e		16
257	Mutations in SLC39A14 disrupt manganese homeostasis and cause childhood-onset parkinsonism-dystonia. <b>2016</b> , 7, 11601		160
256	Distribution of rare earth elements in agricultural soil and human body (scalp hair and urine) near smelting and mining areas of Hezhang, China. <b>2016</b> , 34, 1156-1167		30
255	Maternal urinary manganese and risk of low birth weight: a case-control study. <b>2016</b> , 16, 142		24
254	Determinants of serum cadmium levels in a Northern Italy community: A cross-sectional study. <i>Environmental Research</i> , <b>2016</b> , 150, 219-226	7.9	27
253	Association between Longevity and Element Levels in Food and Drinking Water of Typical Chinese Longevity Area. <b>2016</b> , 20, 897-903		22

252	Trace metal determination as it relates to metallosis of orthopaedic implants: Evolution and current status. <b>2016</b> , 49, 617-35		15
251	Determination of trace elements in rat organs implanted with endodontic repair materials by ICP-MS. <b>2016</b> , 27, 46		15
250	Recensement des niveaux d'intoxications mortelles par l'arsenic, le chrome, le mercure, le plomb, le thallium. <i>Toxicologie Analytique Et Clinique</i> , <b>2016</b> , 28, 16-27	0.4	1
249	Relationship between e-waste recycling and human health risk in India: a critical review. <i>Environmental Science and Pollution Research</i> , <b>2016</b> , 23, 11509-32	5.1	64
248	High hair selenium mother to fetus transfer after the Brazil nuts consumption. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2016</b> , 33, 110-3	4.1	8
247	Monitoring of heavy metal levels in the major rivers and in residents' blood in Zhenjiang City, China, and assessment of heavy metal elimination via urine and sweat in humans. <i>Environmental Science and Pollution Research</i> , <b>2016</b> , 23, 11034-11045	5.1	14
246	Menstrual cycle perturbation by organohalogenes and elements in the Cree of James Bay, Canada. <b>2016</b> , 149, 190-201		11
245	Analysis of aluminium in rat following administration of allergen immunotherapy using either aluminium or microcrystalline-tyrosine-based adjuvants. <b>2016</b> , 8, 547-56		13
244	Prolidase-Associated Trace Elements (Mn, Zn, Co, and Ni) in the Patients with Parkinson's Disease. <b>2016</b> , 171, 48-53		8
243	Urinary metallomics as a novel biomarker discovery platform: Breast cancer as a case study. <b>2016</b> , 452, 142-8		25
242	Biological monitoring of Italian soldiers deployed in Iraq. Results of the SIGNUM project. <b>2016</b> , 219, 24-32		5
241	Hair elements and healthy aging: a cross-sectional study in Hainan Island, China. <b>2016</b> , 38, 723-35		13
240	Toxic trace elements in maternal and cord blood and social determinants in a Bolivian mining city. <b>2016</b> , 26, 158-74		18
239	Solid Phase Extraction and Preconcentration of Trace Gallium, Indium, and Thallium Using New Modified Amino Silica. <b>2017</b> , 71, 288-299		20
238	High levels of heavy metal accumulation in dental calculus of smokers: a pilot inductively coupled plasma mass spectrometry study. <b>2017</b> , 52, 83-88		13
237	In vitro effects of simultaneous exposure to platinum and cadmium on the activity of antioxidant enzymes and DNA damage and potential protective effects of selenium and zinc. <b>2017</b> , 40, 228-234		10
236	Evaluation of some heavy metals concentration in body fluids of metal workers in Kano metropolis, Nigeria. <b>2017</b> , 4, 72-76		19
235	Systemic sclerosis and exposure to heavy metals: A case control study of 100 patients and 300 controls. <b>2017</b> , 16, 223-230		34

234	Elemental metabolomics. <b>2018</b> , 19, 524-536		11
233	Determination of trace elements in kidneys, livers and brains of rats with sealer implants by ICP-MS. <b>2017</b> , 31, 397-402		4
232	Facile and scalable preparation of highly luminescent N,S co-doped graphene quantum dots and their application for parallel detection of multiple metal ions. <b>2017</b> , 5, 6593-6600		78
231	The metal and metalloprotein profile of human plasma as biomarkers for stroke diagnosis. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2017</b> , 42, 81-91	4.1	8
230	Metallomic profiling to evaluate the response to drug treatment: hydroxyurea as a case study in $\beta$ -thalassemia patients. <i>RSC Advances</i> , <b>2017</b> , 7, 23882-23889	3.7	0
229	Biomonitoring method for the analysis of chromium and cobalt in human whole blood using inductively coupled plasma - kinetic energy discrimination - mass spectrometry (ICP-KED-MS). <b>2017</b> , 9, 3464-3476		9
228	Development of biomonitoring equivalents for barium in urine and plasma for interpreting human biomonitoring data. <b>2017</b> , 86, 303-311		16
227	Human Biomonitoring of Lead Exposure. <b>2017</b> , 17,		6
226	The distribution of blood concentrations of lead (Pb), cadmium (Cd), chromium (Cr) and manganese (Mn) in residents of the German Ruhr area and its potential association with occupational exposure in metal industry and/or other risk factors. <b>2017</b> , 220, 998-1005		17
225	Body burdens, sources and interrelations of selected toxic and essential elements among the nine Cree First Nations of Eeyou Istchee, James Bay region of northern Quebec, Canada. <b>2017</b> , 19, 727-741		11
224	A Protein-Nanocellulose Paper for Sensing Copper Ions at the Nano- to Micromolar Level. <b>2017</b> , 27, 1604291		36
223	High concentrations of lead and barium in hair of the rural population caused by water pollution in the Thar Jath oilfields in South Sudan. <i>Forensic Science International</i> , <b>2017</b> , 274, 99-106	2.6	23
222	Analysis of whole blood by ICP-MS equipped with a high temperature total sample consumption system. <b>2017</b> , 32, 78-87		19
221	Distribution and health risk assessment to heavy metals near smelting and mining areas of Hezhang, China. <b>2017</b> , 189, 458		27
220	Arsenic exposure levels of petrochemical workers in three workplace settings in Rayong Province, Thailand. <b>2017</b> , 23, 1645-1654		2
219	Simultaneous Electrochemical Detection of Co(II) and Cu(II) by 1-Diazo-2-Naphthol-4-Sulfonic Acid/MWCNTs Modified Electrode. <b>2017</b> , 29, 2348-2357		8
218	Human biomonitoring of polycyclic aromatic hydrocarbons and metals in the general population residing near the municipal solid waste incinerator of Modena, Italy. <b>2017</b> , 186, 546-557		16
217	Mineral analysis of complete dog and cat foods in the UK and compliance with European guidelines. <b>2017</b> , 7, 17107		29

216	A new method for the determination of cadmium at ultratrace levels using slotted quartz tube-flame atomic absorption spectrometry after preconcentration with stearic acid coated magnetite nanoparticles. <b>2017</b> , 32, 2433-2438		18
215	Current Pathologic Scoring Systems for Metal-on-metal THA Revisions are not Reproducible. <b>2017</b> , 475, 3005-3011		5
214	Biomonitoring of 29 trace elements in whole blood from inhabitants of Cotonou (Benin) by ICP-MS. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2017</b> , 43, 38-45	4.1	25
213	Reference levels and relationships of nine elements in first-spot morning urine and 24-h urine from 210 Chinese children. <b>2017</b> , 220, 227-234		19
212	Identification of exposure to toxic metals by means of segmental hair analysis: a case report of alleged chromium intoxication. <b>2017</b> , 35, 195-200		4
211	Potential Influence of Selenium, Copper, Zinc and Cadmium on L-Thyroxine Substitution in Patients with Hashimoto Thyroiditis and Hypothyroidism. <b>2017</b> , 125, 79-85		18
210	Assessment of Industrial Antimony Exposure and Immunologic Function for Workers in Taiwan. <i>International Journal of Environmental Research and Public Health</i> , <b>2017</b> , 14,	4.6	6
209	Assessment of Typical Heavy Metals in Human Hair of Different Age Groups and Foodstuffs in Beijing, China. <i>International Journal of Environmental Research and Public Health</i> , <b>2017</b> , 14,	4.6	31
208	Paper-Based Analytical Device for Zinc Ion Quantification in Water Samples with Power-Free Analyte Concentration. <b>2017</b> , 8, 127		25
207	Association of Cardiometabolic Genes with Arsenic Metabolism Biomarkers in American Indian Communities: The Strong Heart Family Study (SHFS). <b>2017</b> , 125, 15-22		27
206	Plasma Metal Concentrations and Incident Coronary Heart Disease in Chinese Adults: The Dongfeng-Tongji Cohort. <b>2017</b> , 125, 107007		84
205	"Dip-and-read" paper-based analytical devices using distance-based detection with color screening. <b>2018</b> , 18, 1485-1493		43
204	Kinetics and tissue distribution of bismuth, tin and lead after implantation of miniature shotgun alloy pellets in rats. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2018</b> , 48, 224-232	4.1	1
203	Blood boron levels and anthropometric measurements in prepubertal children. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2018</b> , 47, 31-36	4.1	1
202	Toxic elements in hair and in vitro fertilization outcomes: A prospective cohort study. <b>2018</b> , 77, 43-52		9
201	Urinary reference ranges and exposure profile for lithium among an Italian paediatric population. <i>Science of the Total Environment</i> , <b>2018</b> , 619-620, 58-64	10.2	16
200	Serum Concentration of Macro-, Micro-, and Trace Elements in Silver Fox ( <i>Vulpes vulpes</i> ) and Their Interrelationships with Morphometric, Densitometric, and Mechanical Properties of the Mandible. <b>2018</b> , 185, 98-105		4
199	Sudden death of a 2-year-old child after ingestion of a button battery. <b>2018</b> , 28, 301-306		



198	Concentrations of Trace Elements and Clinical Outcomes in Hemodialysis Patients: A Prospective Cohort Study. <b>2018</b> , 13, 907-915			33
197	Pseudotumor in metal-on-metal hip arthroplasty: a comparison study of three grading systems with MRI. <b>2018</b> , 47, 1099-1109			5
196	Determination of toxic and essential trace elements in serum of healthy and hypothyroid respondents by ICP-MS: A chemometric approach for discrimination of hypothyroidism. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2018</b> , 48, 134-140	4.1		17
195	Total arsenic concentrations in Chinese children's urine by different geographic locations, ages, and genders. <b>2018</b> , 40, 1027-1036			5
194	Human predisposition to cognitive impairment and its relation with environmental exposure to potentially toxic elements. <b>2018</b> , 40, 1767-1784			40
193	Aerosol dilution as a simple strategy for analysis of complex samples by ICP-MS. <i>Talanta</i> , <b>2018</b> , 178, 805-810	4.1		21
192	Serum lipid, lipoprotein and apolipoprotein profiles in workers exposed to low arsenic levels: Lipid profiles and occupational arsenic exposure. <b>2018</b> , 282, 49-56			20
191	Platinum, palladium, rhodium, molybdenum and strontium in blood of urban women in nine countries. <b>2018</b> , 221, 223-230			14
190	Assessing the boron nutritional status by analyzing its cumulative frequency distribution in the hair and whole blood. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2018</b> , 45, 50-56	4.1		10
189	Maternal and embryonic exposure to the water soluble fraction of crude oil or lead induces behavioral abnormalities in zebrafish ( <i>Danio rerio</i> ), and the mechanisms involved. <b>2018</b> , 191, 7-16			17
188	Hair elemental analysis for forensic science using nuclear and related analytical methods. <b>2018</b> , 7, 65-74			8
187	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
186	Quantification of 71 detected elements from Li to U for aqueous samples by simultaneous-inductively coupled plasma-mass spectrometry.. <i>RSC Advances</i> , <b>2018</b> , 8, 37008-37020	3.7		7
185	Concentrations of major and trace elements in the soils, edible parts of crops and urine of farmers in agroecological communities. <b>2018</b> , 41, 42623			
184	Longitudinal and transverse variation of trace element concentrations in elephant and giraffe hair: implication for endogenous and exogenous contributions. <b>2018</b> , 190, 644			8
183	Evaluation of the status and the relationship between essential and toxic elements in the hair of occupationally exposed workers. <b>2018</b> , 190, 731			7
182	Critical Windows for Associations between Manganese Exposure during Pregnancy and Size at Birth: A Longitudinal Cohort Study in Wuhan, China. <b>2018</b> , 126, 127006			12
181	A new combination for the determination of ultratrace cadmium: solid-phase microextraction by stearic acid-coated magnetic nanoparticles prior to batch-type hydride generation atomic absorption spectrometry. <b>2018</b> , 190, 589			8

180	Determination of traces of As, Cd, Cr, Hg, Mn, Ni, Sb, Se, Sn and Pb in human hair by triple quadrupole ICP-MS. <b>2018</b> , 98, 954-976		8
179	Biomonitoring of total mercury in urine: method validation and sample stability. <b>2018</b> , 5, 1-13		4
178	A comparative study of the typical toxic metals in serum by patients of schizophrenia and healthy controls in China. <b>2018</b> , 269, 558-564		4
177	Validation of a dilute and shoot method for quantification of 12 elements by inductively coupled plasma tandem mass spectrometry in human milk and in cow milk preparations. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2018</b> , 49, 19-26	4.1	8
176	Forensic Discrimination of Concrete Pieces by Elemental Analysis of Acid-soluble Component with Inductively Coupled Plasma-Mass Spectrometry. <i>Analytical Sciences</i> , <b>2018</b> , 34, 729-733	1.7	3
175	Assessment of blood levels of heavy metals including lead and manganese in healthy children living in the Katanga settlement of Kampala, Uganda. <b>2018</b> , 18, 717		16
174	Urinary levels of metal elements in the non-smoking general population in Italy: SIVR study 2012-2015. <b>2018</b> , 298, 177-185		19
173	Arsenic, Cadmium and Lead Exposure and Immunologic Function in Workers in Taiwan. <i>International Journal of Environmental Research and Public Health</i> , <b>2018</b> , 15,	4.6	6
172	Ethnic, Geographic, and Genetic Differences in Arsenic Metabolism at Low Arsenic Exposure: A Preliminary Analysis in the Multi-Ethnic Study of Atherosclerosis (MESA). <i>International Journal of Environmental Research and Public Health</i> , <b>2018</b> , 15,	4.6	7
171	Assessment of hair metal levels in aluminium plant workers using scalp hair ICP-DRC-MS analysis. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2018</b> , 50, 658-663	4.1	9
170	Determination of indium using vortex assisted solid phase microextraction based on oleic acid coated magnetic nanoparticles combined with slotted quartz tube-flame atomic absorption spectrometry. <b>2018</b> , 141, 7-11		17
169	Abnormal Plasma Cell Disorders in Refinery Waste Workers. <b>2018</b> , 7,		3
168	Is Lithium a Micronutrient? From Biological Activity and Epidemiological Observation to Food Fortification. <b>2019</b> , 189, 18-27		35
167	Mercury health risk assessment among petrochemical workers in Rayong Province, Thailand. <b>2019</b> , 25, 1448-1462		
166	Fluorescence Emission of Polyethylenimine-Derived Polymer Dots and Its Application to Detect Copper and Hypochlorite Ions. <b>2019</b> , 11, 32489-32499		40
165	Assessment of Heavy and Toxic Metals in the Blood and Hair of Saudi Arabia Smokers Using Modern Analytical Techniques. <b>2019</b> , 2019, 7125210		15
164	Addendum zu Aluminium [BAT Value Documentation in German language, 2019]. <b>2019</b> , 4, 233-242		1
163	Functionalization of gum arabic including glycoprotein and polysaccharides for the removal of boron. <b>2019</b> , 225, 115139		14

162	Associations of multiple plasma metals with the risk of ischemic stroke: A case-control study. <b>2019</b> , 125, 125-134		35
161	Biomonitoring of metals and trace elements in urine of central Ethiopian populations. <b>2019</b> , 222, 410-418		9
160	Urinary and hair concentrations of trace metals in pregnant women from Northeastern British Columbia, Canada: a pilot study. <b>2019</b> , 29, 613-623		9
159	Determination of Zn, Cu and Fe in human patients' serum using micro-sampling ICP-MS and sample dilution. <i>Talanta</i> , <b>2019</b> , 204, 663-669	6.2	15
158	Multiple exposure pathways and health risk assessment of heavy metal(loid)s for children living in fourth-tier cities in Hubei Province. <b>2019</b> , 129, 517-524		37
157	Plasma metals and cardiovascular disease in patients with type 2 diabetes. <b>2019</b> , 129, 497-506		19
156	A Review of Biomarkers Used for Assessing Human Exposure to Metals from E-Waste. <i>International Journal of Environmental Research and Public Health</i> , <b>2019</b> , 16,	4.6	12
155	Levels and determinants of adipose tissue cadmium concentrations in an adult cohort from Southern Spain. <i>Science of the Total Environment</i> , <b>2019</b> , 670, 1028-1036	10.2	15
154	The effect of a novel intravenous fluid (Oxsealife <sup>®</sup> ) on recovery from haemorrhagic shock in pigs. <b>2019</b> , 74, 765-777		6
153	Pattern of Altered Plasma Elemental Phosphorus, Calcium, Zinc, and Iron in Alzheimer's Disease. <b>2019</b> , 9, 3147		14
152	Current Trends in Cancer Biomarker Discovery Using Urinary Metabolomics: Achievements and New Challenges. <b>2019</b> , 26, 5-28		35
151	Validation of a simple sample preparation method for multielement analysis of bovine serum. <i>PLoS ONE</i> , <b>2019</b> , 14, e0211859	3.7	12
150	Assessing intestinal permeability in Crohn's disease patients using orally administered <sup>52</sup> Cr-EDTA. <i>PLoS ONE</i> , <b>2019</b> , 14, e0211973	3.7	8
149	Barium Compounds, Soluble (calculated as Ba [7440-39-3]) [BAT Value Documentation, 2011]. <b>2019</b> , 1-9		
148	Mass Spectrometry Applications in Forensic Science. <b>2019</b> , 1-28		
147	[Metals: common clinical applications in inductively coupled plasma mass spectrometry]. <b>2019</b> , 77, 495-504		2
146	Assessment of DNA damage in welders using comet and micronucleus assays. <b>2019</b> , 843, 40-45		6
145	The human biomonitoring study in Serbia: Background levels for arsenic, cadmium, lead, thorium and uranium in the whole blood of adult Serbian population. <b>2019</b> , 169, 402-409		24

144	Radon emanation from human hair. <i>Science of the Total Environment</i> , <b>2019</b> , 660, 421-428	10.2	2
143	Studies on relationships between essential and toxic elements in selected body fluids, cells and tissues. <b>2019</b> , 297, 57-66		18
142	A SERS-based molecular sensor for selective detection and quantification of copper(II) ions. <b>2019</b> , 279, 230-237		34
141	Plasma elemental responses to red meat ingestion in healthy young males and the effect of cooking method. <b>2019</b> , 58, 1047-1054		4
140	An Inter-disciplinary Approach to Evaluate Human Health Risks Due to Long-Term Exposure to Contaminated Groundwater Near a Chemical Complex. <i>Exposure and Health</i> , <b>2020</b> , 12, 199-214	8.8	23
139	Health indicators and contaminant levels of a critically endangered species in the Gironde estuary, the European sturgeon. <i>Environmental Science and Pollution Research</i> , <b>2020</b> , 27, 3726-3745	5.1	6
138	Antioxidant enzymes as biomarkers of Cu and Pb exposure in the ground spiders <i>Lycosa terrestris</i> and <i>Pardosa birmanica</i> . <b>2020</b> , 190, 110054		5
137	Reference values for trace essential elements in the whole blood and serum samples of the adult Serbian population: significance of selenium deficiency. <i>Environmental Science and Pollution Research</i> , <b>2020</b> , 27, 1397-1405	5.1	13
136	Disposable glassy carbon stencil printed electrodes for trace detection of cadmium and lead. <b>2020</b> , 1103, 58-66		21
135	Assessment of bioaccumulation of Cu and Pb in experimentally exposed spiders, <i>Lycosa terrestris</i> and <i>Pardosa birmanica</i> , using different exposure routes. <i>Environmental Science and Pollution Research</i> , <b>2020</b> , 27, 3309-3319	5.1	2
134	Biomonitoring human urinary levels of 26 metal elements in multi-race coexistence region of Xinjiang, China. <i>Science of the Total Environment</i> , <b>2020</b> , 711, 134752	10.2	2
133	Metallic elements in human hair from residents in smelting districts in northeast China: Environmental factors and differences in ingestion media. <i>Environmental Research</i> , <b>2020</b> , 182, 108914	7.9	4
132	Enzymatic and non-enzymatic detoxification in <i>Lycosa terrestris</i> and <i>Pardosa birmanica</i> exposed to single and binary mixture of copper and lead. <b>2020</b> , 80, 103500		3
131	Associations of toxic and essential trace elements in serum, follicular fluid, and seminal plasma with In vitro fertilization outcomes. <b>2020</b> , 204, 110965		17
130	Elevated whole blood arsenic level is associated with type 2 diabetes in coal-burning areas in Guizhou. <b>2020</b> , 403, 115135		3
129	Quantifying the Deposition of Airborne Particulate Matter Pollution on Skin Using Elemental Markers. <b>2020</b> , 54, 15958-15967		6
128	Trace element imbalances in patients undergoing chronic hemodialysis therapy - Report of an observational study in a cohort of Portuguese patients. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2020</b> , 62, 126580	4.1	7
127	On the premises of mixing models to define local bioavailable Sr/Sr ranges in archaeological contexts. <i>Science of the Total Environment</i> , <b>2020</b> , 745, 140902	10.2	7

126	Seeing the Unseeable, A Student-Led Activity to Identify Metals in Drinking Water. <b>2020</b> , 97, 3690-3696	4
125	Promising Approaches for Determination of Copper Ions in Biological Systems. <b>2020</b> , 15, 121-134	3
124	Welding fumes composition and their effects on blood heavy metals in albino rats. <b>2020</b> , 7, 1495-1501	3
123	Co-exposure to multiple metals, TERT-CLPTM1L variants, and their joint influence on leukocyte telomere length. <b>2020</b> , 140, 105762	7
122	. <b>2020</b> ,	1
121	Assessment of lead, mercury, cadmium, chromium and total antioxidant capacity levels of employees exposed to exhaust gases in closed parking lots. <b>2020</b> , 1-13	
120	Rapid analysis of lithium in serum samples by thermal ionization ion mobility spectrometry. <b>2020</b> , 23, 117-125	3
119	Suitability of MDA, 8-OHdG and wild-type p53 as genotoxic biomarkers in metal (Co, Ni and Cr) exposed dental technicians: a cross-sectional study. <b>2020</b> , 20, 65	3
118	Effect of Zinc Source and Exogenous Enzymes Supplementation on Zinc Status in Dogs Fed High Phytate Diets. <b>2020</b> , 10,	4
117	Trace elements: functions and assessment of status through laboratory testing. <b>2020</b> , 851-864	0
116	Comprehensive Targeted Metabolomic Assay for Urine Analysis. <b>2020</b> , 92, 10627-10634	15
115	Comparison of Plasma Concentrations of Mercury, Cadmium, and Arsenic among Women in 2005 and 2012 in a Historically Contaminated Area in China. <b>2020</b> , 198, 380-389	2
114	Simultaneous multielement analysis by ICP-MS with simple whole blood sample dilution and its application to uremic patients undergoing long-term hemodialysis. <b>2020</b> , 80, 247-255	3
113	Bibliography. <b>2020</b> , 469-589	
112	On the Possibility of Using a Filament RF Discharge for Analyzing the Atomic Composition of Organic Compounds. <b>2020</b> , 17, 187-192	
111	Non accidental repeated lithium poisoning in a child: The role of hair analysis. <b>2020</b> , 27, 152-154	0
110	Rapid inductively coupled plasma mass spectrometry method to determine iodine in amniotic fluid, breast milk and cerebrospinal fluid. <b>2020</b> , 82, 99-104	2
109	Development and Validation of an ICP-MS Method and Its Application to Determine Multiple Trace Elements in Small Volumes of Whole Blood and Plasma. <b>2021</b> , 44, 1036-1046	7

108	Rare earth elements in drill cutting samples from off-shore oil and gas exploration activities in ultradeep waters. <b>2021</b> , 263, 127984		1
107	Elemental analysis of particulate matter in a metal workshop and of biological samples from exposed workers. <b>2021</b> , 50, 68-79		1
106	Dietary exposure to mercury and its relation to cytogenetic instability in populations from "La Mojana" region, northern Colombia. <b>2021</b> , 265, 129066		1
105	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
104	Density and proximity to hydraulic fracturing wells and birth outcomes in Northeastern British Columbia, Canada. <b>2021</b> , 31, 53-61		7
103	Nickel Content in Human Internal Organs. <b>2021</b> , 199, 2138-2144		4
102	Comparison of Elemental Blood Analysis in Intact and Dry Samples: Porous Membranes as a New Sampling Format. <b>2021</b> , 76, 61-65		1
101	Variability in hair gadolinium concentrations among decedents who received gadolinium-based contrast agents. <b>2021</b> , 413, 1571-1582		3
100	Transcriptional and translational responsiveness of the <i>Neisseria gonorrhoeae</i> type IV secretion system to conditions of host infections.		
99	Single-cell transcriptomics uncovers phenotypic alterations in the monocytes in a Chinese population with chronic cadmium exposure. <b>2021</b> , 211, 111881		2
98	Trace Element Analysis in Whole Blood and Plasma for Reference Levels in a Selected Queensland Population, Australia. <i>International Journal of Environmental Research and Public Health</i> , <b>2021</b> , 18,	4.6	5
97	Effects of diet supplementation with sodium selenite and selenium-enriched in puppies health performance from post-weaning to adulthood. <b>2021</b> , 274, 114897		
96	Concentrations of vanadium in urine with hypertension prevalence and blood pressure levels. <b>2021</b> , 213, 112028		4
95	Blood donation and heavy metal poisoning in developing nations: Any link?. <b>2021</b> , 60, 103067		2
94	Metals toxicity and its correlation with the gene expression in Alzheimer's disease. <b>2021</b> , 48, 3245-3252		3
93	Elemental Testing Using Inductively Coupled Plasma Mass Spectrometry in Clinical Laboratories. <b>2021</b> , 156, 167-175		1
92	Reference values of cadmium concentration in the hair of residents of the Gornyi Altai. <b>2021</b> , 100, 307-312		1
91	Associations between blood metal/ metalloids concentration and human semen quality and sperm function: A cross-sectional study in Hong Kong. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2021</b> , 65, 126735	4.1	3

90	Derivation of Biomonitoring Equivalents for aluminium for the interpretation of population-level biomonitoring data. <b>2021</b> , 122, 104913		1
89	Trace elements in forensic human lung: A new approach to the diagnosis of seawater drowning. A preliminary study. <i>Forensic Science International</i> , <b>2021</b> , 323, 110815	2.6	1
88	Current views on the possible involvement of aluminum in the etiology of Alzheimer's disease. <b>2021</b> , 10-15		
87	Distribution, metabolism, excretion, and toxicity of implanted silver: a review. <b>2021</b> , 1-10		0
86	Particle and metal exposure in Parisian subway: Relationship between exposure biomarkers in air, exhaled breath condensate, and urine. <b>2021</b> , 237, 113837		6
85	Determination of lithium in human serum by isotope dilution atomic absorption spectrometry. <b>2021</b> , 1		0
84	Metal exposure and oxidative stress biomarkers in a Brazilian agricultural community. <b>2021</b> , 1-10		1
83	Transcriptional and Translational Responsiveness of the Neisseria gonorrhoeae Type IV Secretion System to Conditions of Host Infections. <b>2021</b> , 89, e0051921		2
82	Excretion of Heavy Metals and Glyphosate in Urine and Hair Before and After Long-Term Fasting in Humans. <b>2021</b> , 8, 708069		1
81	Influence of manganese exposure on cognitive function, plasma APP and A $\beta$ levels in older men. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2021</b> , 67, 126788	4.1	2
80	Heavy Metal Concentrations in Malaysian Adults' Hair and Associated Variables in Bukit Mertajam, Penang, Malaysia. <b>2021</b> , 1		0
79	Pilot study of arsenic and toxic elements content in the hair of children living in the vicinity of brown coal mining and incineration operations. <b>2021</b> , 66, 94-101		
78	Combined exposure to multiple metals and cognitive function in older adults. <b>2021</b> , 222, 112465		2
77	Copper content in ascitic fluid is associated with angiogenesis and progression in ovarian cancer. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2021</b> , 68, 126865	4.1	2
76	Associations of plasma multiple metals with risk of hyperuricemia: A cross-sectional study in a mid-aged and older population of China. <b>2022</b> , 287, 132305		4
75	Quantitative Analyses of Urinary Uranium by $\mu$ -PIXE. <b>2021</b> , 11, 147		0
74	Metabolomics Signatures of Aging: Recent Advances. <b>2021</b> , 12, 646-661		6
73	The Role of Microbes in Detoxification and Availability of Metalloids. <b>2020</b> , 65-93		2

72	Analytical Approaches for Sampling and Sample Preparation for Heavy Metals Analysis in Biological Materials. <b>2011</b> , 129-143		2
71	Vitamins and Trace Elements. <b>2012</b> , 895-983		7
70	Determination of 21 elements in human serum using ICP-MS with collision/reaction cell. <b>2017</b> , 423, 20-26		10
69	Chapter 14:Significance and Usefulness of Biomarkers of Exposure to Manganese. <b>2014</b> , 355-401		2
68	Intérêt du dosage de quatre éléments minéraux dans les eaux usées pour le suivi des activités médicales. <i>Toxicologie Analytique Et Clinique</i> , <b>2011</b> , 23, 53-59	0.4	1
67	Validation du dosage du chrome par ICP-MS avec cellule de collision dans les matrices biologiques et concentrations usuelles. <i>Toxicologie Analytique Et Clinique</i> , <b>2011</b> , 23, 211-216	0.4	5
66	Tentative de suicide par injection intraveineuse de mercure. [propos d'un cas. <i>Toxicologie Analytique Et Clinique</i> , <b>2011</b> , 23, 217-221	0.4	1
65	Saturnisme infantile. Quelles valeurs actuelles pour la plombémie?. <i>Toxicologie Analytique Et Clinique</i> , <b>2013</b> , 25, 79-84	0.4	0
64	Metals. <i>International Forensic Science and Investigation Series</i> , <b>2006</b> , 343-369		2
63	Oxaliplatin neurotoxicity involves peroxisome alterations. PPAR $\beta$ agonism as preventive pharmacological approach. <i>PLoS ONE</i> , <b>2014</b> , 9, e102758	3.7	54
62	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
61	Performance Evaluation of an Electrospun Nanofiber Mat as Samplers for the Trap of Trace Heavy Metals in Atmospheric Particles and Its Application. <i>Analytical Sciences</i> , <b>2020</b> , 36, 1453-1459	1.7	4
60	Early Effect Markers and Exposure Determinants of Metalworking Fluids Among Metal Industry Workers: Protocol for a Field Study. <i>JMIR Research Protocols</i> , <b>2019</b> , 8, e13744	2	7
59	Urinary Metal Levels in a Chilean Community 31 Years After the Dumping of Mine Tailings. <i>Journal of Health and Pollution</i> , <b>2016</b> , 6, 19-27	2.6	5
58	YcgC represents a new protein deacetylase family in prokaryotes. <i>ELife</i> , <b>2015</b> , 4,	8.9	33
57	Effects of Occupational Environmental Controls on the Level of Co, Ni and Cr among Dental Technicians. <i>International Journal of Environmental Science and Development</i> , <b>2015</b> , 6, 643-647	0.4	7
56	The Mediation Effects of Aluminum in Plasma and Dipeptidyl Peptidase Like Protein 6 (DPP6) Polymorphism on Renal Function via Genome-Wide Typing Association. <i>International Journal of Environmental Research and Public Health</i> , <b>2021</b> , 18,	4.6	
55	Trace elements in whole blood in the general population in Trøndelag County, Norway: The HUNT3 Survey. <i>Science of the Total Environment</i> , <b>2022</b> , 806, 150875	10.2	1



54	La torche à plasma : un nouvel équipement aux applications prometteuses au service de la toxicologie humaine et de la santé publique. <i>Bulletin De L'Académie Nationale De Médecine</i> , <b>2008</b> , 192, 555-567	0.1	
53	Comparison of heavy metal concentrations in hairs of a small sample of Korean patients taking traditional herbal medicine. <i>Oriental Pharmacy and Experimental Medicine</i> , <b>2010</b> , 10, 141-149	2	
52	Noyade: dosage du strontium et d'autres métaux dans le sang comme marqueurs spécifiques. <b>2012</b> , 599-611		
51	Profil métallique sanguin chez des volontaires sains : 10 ans après. <i>Toxicologie Analytique Et Clinique</i> , <b>2013</b> , 25, 89-97	0.4	0
50	Mineral analysis of complete dog and cat foods in the UK and compliance with European guidelines.		
49	Early Effect Markers and Exposure Determinants of Metalworking Fluids Among Metal Industry Workers: Protocol for a Field Study (Preprint).		
48	Determination of Hair and Serum Metal Levels in Petrol Station Workers. <i>Hacettepe Journal of Biology and Chemistry</i> , 171-176	0	
47	Polikistik Over Sendromlu Hastalarda İnsülin Direnci ve Eser Elementlerin İncisi. <i>Online Türk Sağlık Bilimleri Dergisi</i> ,	0.2	1
46	Évaluation post-mortem du statut nutritionnel chez un nourrisson par dosage des marqueurs biochimiques dans le sang et le sérum et criblage des oligo-éléments dans les cheveux. <i>Toxicologie Analytique Et Clinique</i> , <b>2020</b> , 32, 217-222	0.4	
45	Relationship between Urine Creatinine and Urine Osmolality in Spot Samples among Men and Women in the Danish Diet Cancer and Health Cohort. <i>Toxics</i> , <b>2021</b> , 9,	4.7	1
44	O Lüo na bioquímica e terapêutica. <i>Revista De Ciência Elementar</i> , <b>2020</b> , 8,	0.3	
43	Comprehensive Assessment of Local Population Chemical Exposome by Combination of Organic Pollutant- and Metal-Multi-Residue Analysis in Hair. <i>Exposure and Health</i> , 1	8.8	1
42	Fundão tailings dam failure in Brazil: Evidence of a population exposed to high levels of Al, As, Hg, and Ni after a human biomonitoring study. <i>Environmental Research</i> , <b>2021</b> , 205, 112524	7.9	3
41	Radiographic presentation of artifactual dyed hair on lateral cephalograms, chemical processing, and forensic application: Novel case report.. <i>Journal of Forensic Sciences</i> , <b>2022</b> ,	1.8	
40	The association between urine elements and fasting glucose levels in a community-based elderly people in Beijing.. <i>Environmental Science and Pollution Research</i> , <b>2022</b> , 1	5.1	1
39	Evaluation of uranium concentration in the blood breast cancer women with CR-39 detector.. <i>Applied Radiation and Isotopes</i> , <b>2022</b> , 182, 110120	1.7	1
38	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
37	Concentration of selected elements in the hair of Madagascar girls in relation to nutritional status and place of residence.. <i>British Journal of Nutrition</i> , <b>2021</b> , 1-32	3.6	0

36	Pre-diagnostic levels of copper and zinc and breast cancer risk in the ORDET cohort.. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2022</b> ,	4	1
35	Validation of Analytical Method for Determination of Thallium in Rodent Plasma and Tissues by Inductively Coupled Plasma-Mass Spectrometry (ICP-MS).. <i>Analytical Letters</i> , <b>2022</b> , 55, 1269-1280	2.2	0
34	Elemental determination for clinical diagnosis and prognosis: Challenges and trends in sample preparation. <i>Comprehensive Analytical Chemistry</i> , <b>2022</b> ,	1.9	0
33	Electrochemical Determination of Manganese in Whole Blood with Indium Tin Oxide Electrode. <i>Journal of the Electrochemical Society</i> , <b>2022</b> , 169, 057508	3.9	0
32	Biomarkers of Lead Exposure: Platforms and Analysis. <i>Biomarkers in Disease</i> , <b>2022</b> , 1-25		
31	Utilization of a plasticized PVC optical sensor for the selective and efficient detection of cobalt(ii) in environmental samples. <i>RSC Advances</i> , <b>2022</b> , 12, 18431-18440	3.7	3
30	Essential Trace Elements in Scalp Hair of Residents across the Caspian Oil and Gas Region of Kazakhstan. <i>Toxics</i> , <b>2022</b> , 10, 364	4.7	0
29	Passive Smoking Is Associated with Multiple Heavy Metal Concentrations among Housewives in Shanxi Province, China. <i>International Journal of Environmental Research and Public Health</i> , <b>2022</b> , 19, 8606 <sup>4.6</sup>		
28	Occupational exposure to metals among battery recyclers in France: Biomonitoring and external dose measurements. <i>Waste Management</i> , <b>2022</b> , 150, 122-130	8.6	0
27	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
26	Biomarkers of environmental manganese exposure. 1-19		2
25	Analysis of concentration of trace elements in blood of Polish patients with prostate cancer.		
24	APPLICATION OF STANDARDIZED BIOMONITORING METHODOLOGY FOR ASSESSING THE CONTENT OF ESSENTIAL AND TOXIC ELEMENTS IN WHOLE BLOOD OF UNEXPOSED ADULTS IN THE RUSSIAN FEDERATION.		
23	Multi-matrix biomonitoring approach to assess exposure to metals and trace elements in the Lebanese population and associations with drinking water consumption. <b>2022</b> , 214, 113982		0
22	Association of trace element status in COVID-19 patients with disease severity. <b>2022</b> , 74, 127055		1
21	Hair Toxic Trace Elements of Residents across the Caspian Oil and Gas Region of Kazakhstan: Cross-Sectional Study. <b>2022</b> , 19, 11158		0
20	Metallomics analysis for early assessment and individualized intervention of neurodevelopmental disorders. <b>2022</b> , 14,		1
19	The Dietary, Serum and Urine Analysis of Boron and Micronutrients in Postmenopausal Women.		0

18	Correlation Between Co Levels in Hair and Blood of Patients Who Underwent Metal-on-metal Hip Arthroplasty. <b>2022</b> , 18, 63-67	0
17	Associations between plasma metal levels and mild renal impairment in the general population of Southern China. <b>2022</b> , 247, 114209	1
16	A Real-Time Detection Method of Hg <sup>2+</sup> in Drinking Water Via Portable Biosensor: Using a Smartphone as a Low-Cost Micro-Spectrometer to Read the Colorimetric Signals. <b>2022</b> , 12, 1017	0
15	Atmospheric PM <sub>2.5</sub> induce autophagy and autophagic flux blockage in HUVEC cells via ROS/TXNIP signaling: Important role of metal components. <b>2023</b> , 445, 130623	0
14	Associations between trace level thallium and multiple health effects in rural areas: Chinese Exposure and Response Mapping Program (CERMP). <b>2023</b> , 862, 160466	0
13	Characterization of the Toxicological Impact of Heavy Metals on Human Health in Conjunction with Modern Analytical Methods. <b>2022</b> , 10, 716	1
12	Investigation and monitoring of heavy metal poisoning. jclinpath-2021-207793	1
11	CONCENTRATION OF CR, MN, NI, PB, AND ZN IN A POPULATION LIVING NEAR AN INDUSTRIAL AREA IN THE BRAZILIAN EASTERN AMAZON. <b>2022</b> , 10,	0
10	Isotropic conductive paste for bioresorbable electronics. <b>2023</b> , 18, 100541	0
9	Human urinary and blood toxicokinetics of beryllium after accidental exposure. <b>2023</b> , 76, 127125	0
8	Biomarkers of Lead Exposure: Platforms and Analysis. <b>2023</b> , 489-513	0
7	Selenium in drinking water and cereal grains, and biomarkers of Se status in urine and fingernails of the Main Ethiopian Rift Valley population. <b>2023</b> , 77, 127137	0
6	Assessment of selected metals (chromium, lead and cadmium) in the hair of tannery workers at Hemayetpur, Bangladesh. <b>2023</b> , 4, 100056	0
5	Assessment of barium diffusion from therapeutic mud wrapped in micro-perforated polyethylene bags towards the human organism.	0
4	A method for reliable quantification of mercury in occupational and environmental medical urine samples by inductively coupled plasma mass spectrometry.	0
3	Further Evidence on Trace Element Imbalances in Haemodialysis Patients Paired Analysis of Blood and Serum Samples. <b>2023</b> , 15, 1912	0
2	Laser Ablation Inductively Coupled Plasma Mass Spectrometry as a Powerful Tool for Spatially Resolved Analysis: An Experiment for Undergraduate Analytical Chemistry Laboratory.	0
1	Optimization of ICP-MS internal standardization for 26 elements by factorial design experiment. <b>2023</b> , 127178	0

