

Marie Vahter

List of Publications by Citations

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

271
papers

18,538
citations

82
h-index

123
g-index

277
ext. papers

20,253
ext. citations

6.3
avg, IF

6.74
L-index

#	Paper	IF	Citations
271	Mechanisms of arsenic biotransformation. <i>Toxicology</i> , 2002 , 181-182, 211-7	4.4	522
270	Gender differences in the disposition and toxicity of metals. <i>Environmental Research</i> , 2007 , 104, 85-95	7.9	479
269	Exposure to Inorganic Arsenic Metabolites during Early Human Development. <i>Toxicological Sciences</i> , 1998 , 44, 185-190	4.4	332
268	Tubular and glomerular kidney effects in Swedish women with low environmental cadmium exposure. <i>Environmental Health Perspectives</i> , 2005 , 113, 1627-31	8.4	325
267	Methylation of inorganic arsenic in different mammalian species and population groups. <i>Science Progress</i> , 1999 , 82 (Pt 1), 69-88	1.1	274
266	Effects of arsenic on maternal and fetal health. <i>Annual Review of Nutrition</i> , 2009 , 29, 381-99	9.9	248
265	Cadmium-induced effects on bone in a population-based study of women. <i>Environmental Health Perspectives</i> , 2006 , 114, 830-4	8.4	232
264	Toxic and essential elements in placentas of Swedish women. <i>Clinical Biochemistry</i> , 2000 , 33, 131-8	3.5	213
263	Arsenic exposure during pregnancy and size at birth: a prospective cohort study in Bangladesh. <i>American Journal of Epidemiology</i> , 2009 , 169, 304-12	3.8	201
262	Health effects of early life exposure to arsenic. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2008 , 102, 204-11	3.1	199
261	Genetic polymorphism in the biotransformation of inorganic arsenic and its role in toxicity. <i>Toxicology Letters</i> , 2000 , 112-113, 209-17	4.4	193
260	Species differences in the metabolism of arsenic compounds. <i>Applied Organometallic Chemistry</i> , 1994 , 8, 175-182	3.1	191
259	Role of metabolism in arsenic toxicity. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2001 , 89, 1-5		190
258	Inter-individual variations of human mercury exposure biomarkers: a cross-sectional assessment. <i>Environmental Health</i> , 2005 , 4, 20	6	186
257	Association of arsenic exposure during pregnancy with fetal loss and infant death: a cohort study in Bangladesh. <i>American Journal of Epidemiology</i> , 2007 , 165, 1389-96	3.8	184
256	Biotransformation of trivalent and pentavalent inorganic arsenic in mice and rats. <i>Environmental Research</i> , 1981 , 25, 286-93	7.9	184
255	Arsenic-associated oxidative stress, inflammation, and immune disruption in human placenta and cord blood. <i>Environmental Health Perspectives</i> , 2011 , 119, 258-64	8.4	183

254	Urinary arsenic concentration adjustment factors and malnutrition. <i>Environmental Research</i> , 2008 , 106, 212-8	7.9	175
253	Cadmium exposure in pregnancy and lactation in relation to iron status. <i>American Journal of Public Health</i> , 2002 , 92, 284-7	5.1	171
252	Gender and age differences in the metabolism of inorganic arsenic in a highly exposed population in Bangladesh. <i>Environmental Research</i> , 2008 , 106, 110-20	7.9	170
251	Metabolism of low-dose inorganic arsenic in a central European population: influence of sex and genetic polymorphisms. <i>Environmental Health Perspectives</i> , 2007 , 115, 1081-6	8.4	169
250	Longitudinal study of methylmercury and inorganic mercury in blood and urine of pregnant and lactating women, as well as in umbilical cord blood. <i>Environmental Research</i> , 2000 , 84, 186-94	7.9	168
249	Effects of in utero arsenic exposure on child immunity and morbidity in rural Bangladesh. <i>Toxicology Letters</i> , 2009 , 185, 197-202	4.4	165
248	Metabolism of arsenobetaine in mice, rats and rabbits. <i>Science of the Total Environment</i> , 1983 , 30, 197-211	6.2	165
247	Effects of low dietary intake of methionine, choline or proteins on the biotransformation of arsenite in the rabbit. <i>Toxicology Letters</i> , 1987 , 37, 41-6	4.4	164
246	Maternal cadmium exposure during pregnancy and size at birth: a prospective cohort study. <i>Environmental Health Perspectives</i> , 2012 , 120, 284-9	8.4	161
245	Genetic polymorphisms influencing arsenic metabolism: evidence from Argentina. <i>Environmental Health Perspectives</i> , 2007 , 115, 599-605	8.4	160
244	Assessment of exposure to lead and cadmium through biological monitoring: results of a UNEP/WHO global study. <i>Environmental Research</i> , 1983 , 30, 95-128	7.9	160
243	Intracellular interaction and metabolic fate of arsenite and arsenate in mice and rabbits. <i>Chemico-Biological Interactions</i> , 1983 , 47, 29-44	5	160
242	A unique metabolism of inorganic arsenic in native Andean women. <i>European Journal of Pharmacology - Environmental Toxicology and Pharmacology Section</i> , 1995 , 293, 455-62		156
241	Efficient internalization of silica-coated iron oxide nanoparticles of different sizes by primary human macrophages and dendritic cells. <i>Toxicology and Applied Pharmacology</i> , 2011 , 253, 81-93	4.6	152
240	Metabolism of ⁷⁴ As-labeled trivalent and pentavalent inorganic arsenic in mice. <i>Environmental Research</i> , 1980 , 21, 446-57	7.9	151
239	Accumulation of cadmium in human placenta interacts with the transport of micronutrients to the fetus. <i>Toxicology Letters</i> , 2010 , 192, 162-8	4.4	150
238	Arsenic exposure in pregnancy increases the risk of lower respiratory tract infection and diarrhea during infancy in Bangladesh. <i>Environmental Health Perspectives</i> , 2011 , 119, 719-24	8.4	150
237	Arsenic exposure and risk of spontaneous abortion, stillbirth, and infant mortality. <i>Epidemiology</i> , 2010 , 21, 797-804	3.1	147

236	Arsenic in drinking water and adult mortality: a population-based cohort study in rural Bangladesh. <i>Epidemiology</i> , 2009 , 20, 824-30	3.1	146
235	Thio-dimethylarsinate is a common metabolite in urine samples from arsenic-exposed women in Bangladesh. <i>Toxicology and Applied Pharmacology</i> , 2007 , 222, 374-80	4.6	146
234	Exposure to inorganic arsenic metabolites during early human development. <i>Toxicological Sciences</i> , 1998 , 44, 185-90	4.4	146
233	Population toxicokinetic modeling of cadmium for health risk assessment. <i>Environmental Health Perspectives</i> , 2009 , 117, 1293-301	8.4	143
232	Sex-specific effects of early life cadmium exposure on DNA methylation and implications for birth weight. <i>Epigenetics</i> , 2013 , 8, 494-503	5.7	141
231	Polymorphisms in arsenic(+III oxidation state) methyltransferase (AS3MT) predict gene expression of AS3MT as well as arsenic metabolism. <i>Environmental Health Perspectives</i> , 2011 , 119, 182-8	8.4	141
230	Developmental exposure to methylmercury alters learning and induces depression-like behavior in male mice. <i>Toxicological Sciences</i> , 2007 , 97, 428-37	4.4	141
229	Time to re-evaluate the guideline value for manganese in drinking water?. <i>Environmental Health Perspectives</i> , 2007 , 115, 1533-8	8.4	139
228	Neurobehavioural and molecular changes induced by methylmercury exposure during development. <i>Neurotoxicity Research</i> , 2007 , 11, 241-60	4.3	137
227	Prevalence of arsenic exposure and skin lesions. A population based survey in Matlab, Bangladesh. <i>Journal of Epidemiology and Community Health</i> , 2006 , 60, 242-8	5.1	136
226	The risk of arsenic induced skin lesions in Bangladeshi men and women is affected by arsenic metabolism and the age at first exposure. <i>Toxicology and Applied Pharmacology</i> , 2008 , 230, 9-16	4.6	134
225	Early-life cadmium exposure and child development in 5-year-old girls and boys: a cohort study in rural Bangladesh. <i>Environmental Health Perspectives</i> , 2012 , 120, 1462-8	8.4	132
224	Formal recycling of e-waste leads to increased exposure to toxic metals: an occupational exposure study from Sweden. <i>Environment International</i> , 2014 , 73, 243-51	12.9	131
223	In vivo reduction of arsenate in mice and rabbits. <i>Environmental Research</i> , 1983 , 32, 14-24	7.9	129
222	Biotransformation of dimethylarsinic acid in mouse, hamster and man. <i>Journal of Applied Toxicology</i> , 1987 , 7, 111-7	4.1	126
221	Associations between dietary cadmium exposure and bone mineral density and risk of osteoporosis and fractures among women. <i>Bone</i> , 2012 , 50, 1372-8	4.7	123
220	Mercury in human brain, blood, muscle and toenails in relation to exposure: an autopsy study. <i>Environmental Health</i> , 2007 , 6, 30	6	121
219	Methyl mercury exposure in Swedish women with high fish consumption. <i>Science of the Total Environment</i> , 2005 , 341, 45-52	10.2	120

218	Metal-bone interactions. <i>Toxicology Letters</i> , 2000 , 112-113, 219-25	4.4	119
217	Inorganic mercury and methylmercury in placentas of Swedish women. <i>Environmental Health Perspectives</i> , 2002 , 110, 523-6	8.4	117
216	Transport of methylmercury and inorganic mercury to the fetus and breast-fed infant. <i>Environmental Health Perspectives</i> , 2005 , 113, 1381-5	8.4	116
215	The effect of methyltransferase inhibition on the metabolism of [74As]arsenite in mice and rabbits. <i>Chemico-Biological Interactions</i> , 1984 , 50, 49-57	5	115
214	The role of the methylation in the detoxication of arsenate in the rabbit. <i>Chemico-Biological Interactions</i> , 1985 , 56, 225-38	5	115
213	Tissue distribution and retention of 74As-dimethylarsinic acid in mice and rats. <i>Archives of Environmental Contamination and Toxicology</i> , 1984 , 13, 259-64	3.2	114
212	High concentrations of essential and toxic elements in infant formula and infant foods - A matter of concern. <i>Food Chemistry</i> , 2011 , 127, 943-51	8.5	108
211	Bioavailability of cadmium from shellfish and mixed diet in women. <i>Toxicology and Applied Pharmacology</i> , 1996 , 136, 332-41	4.6	107
210	Reduction and binding of arsenate in marmoset monkeys. <i>Archives of Toxicology</i> , 1985 , 57, 119-24	5.8	107
209	Low-level environmental cadmium exposure is associated with DNA hypomethylation in Argentinean women. <i>Environmental Health Perspectives</i> , 2012 , 120, 879-84	8.4	106
208	Long-term cadmium exposure and the association with bone mineral density and fractures in a population-based study among women. <i>Journal of Bone and Mineral Research</i> , 2011 , 26, 486-95	6.3	100
207	Human developmental neurotoxicity of methylmercury: impact of variables and risk modifiers. <i>Regulatory Toxicology and Pharmacology</i> , 2008 , 51, 201-14	3.4	100
206	High-level exposure to lithium, boron, cesium, and arsenic via drinking water in the Andes of northern Argentina. <i>Environmental Science & Technology</i> , 2010 , 44, 6875-80	10.3	98
205	In utero arsenic exposure is associated with impaired thymic function in newborns possibly via oxidative stress and apoptosis. <i>Toxicological Sciences</i> , 2012 , 129, 305-14	4.4	98
204	Environmental exposure to metals and children's growth to age 5 years: a prospective cohort study. <i>American Journal of Epidemiology</i> , 2013 , 177, 1356-67	3.8	97
203	Low-level arsenic excretion in breast milk of native Andean women exposed to high levels of arsenic in the drinking water. <i>International Archives of Occupational and Environmental Health</i> , 1998 , 71, 42-6	3.2	96
202	Human adaptation to arsenic-rich environments. <i>Molecular Biology and Evolution</i> , 2015 , 32, 1544-55	8.3	95
201	Arsenic exposure in Hungary, Romania and Slovakia. <i>Journal of Environmental Monitoring</i> , 2006 , 8, 203-8		94

200	Breast-feeding protects against arsenic exposure in Bangladeshi infants. <i>Environmental Health Perspectives</i> , 2008 , 116, 963-9	8.4	94
199	Environmental exposure to arsenic and cadmium during pregnancy and fetal size: a longitudinal study in rural Bangladesh. <i>Reproductive Toxicology</i> , 2012 , 34, 504-11	3.4	93
198	Benchmark dose for cadmium-induced renal effects in humans. <i>Environmental Health Perspectives</i> , 2006 , 114, 1072-6	8.4	92
197	Neurodevelopmental toxicity of methylmercury: Laboratory animal data and their contribution to human risk assessment. <i>Regulatory Toxicology and Pharmacology</i> , 2008 , 51, 215-29	3.4	91
196	Deposition of nickel, chromium, and cobalt on the skin in some occupations - assessment by acid wipe sampling. <i>Contact Dermatitis</i> , 2008 , 58, 347-54	2.7	91
195	Tissue distribution and subcellular binding of arsenic in Marmoset monkeys after injection of ⁷⁴ As-Arsenite. <i>Archives of Toxicology</i> , 1982 , 51, 65-77	5.8	90
194	Metals and trace element concentrations in breast milk of first time healthy mothers: a biological monitoring study. <i>Environmental Health</i> , 2012 , 11, 92	6	87
193	Nutritional status has marginal influence on the metabolism of inorganic arsenic in pregnant Bangladeshi women. <i>Environmental Health Perspectives</i> , 2008 , 116, 315-21	8.4	86
192	Influence of iron and zinc status on cadmium accumulation in Bangladeshi women. <i>Toxicology and Applied Pharmacology</i> , 2007 , 222, 221-6	4.6	86
191	Arsenic methylation efficiency increases during the first trimester of pregnancy independent of folate status. <i>Reproductive Toxicology</i> , 2011 , 31, 210-8	3.4	85
190	Arsenic metabolism is influenced by polymorphisms in genes involved in one-carbon metabolism and reduction reactions. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2009 , 667, 4-14	3.3	82
189	Chromosomal aberrations in peripheral blood lymphocytes from native Andean women and children from northwestern Argentina exposed to arsenic in drinking water. <i>Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure</i> , 1996 , 370, 151-8		79
188	A physiologically based pharmacokinetic model for arsenic exposure. II. Validation and application in humans. <i>Toxicology and Applied Pharmacology</i> , 1996 , 140, 471-86	4.6	79
187	Inorganic arsenic and basal cell carcinoma in areas of Hungary, Romania, and Slovakia: a case-control study. <i>Environmental Health Perspectives</i> , 2012 , 120, 721-6	8.4	77
186	Intra-individual variation in the metabolism of inorganic arsenic. <i>International Archives of Occupational and Environmental Health</i> , 2002 , 75, 576-80	3.2	76
185	Pre- and postnatal arsenic exposure and child development at 18 months of age: a cohort study in rural Bangladesh. <i>International Journal of Epidemiology</i> , 2010 , 39, 1206-16	7.8	75
184	The semiconductor elements arsenic and indium induce apoptosis in rat thymocytes. <i>Toxicology</i> , 1997 , 118, 129-36	4.4	74
183	Evaluation of the three most commonly used analytical methods for determination of inorganic arsenic and its metabolites in urine. <i>Toxicology Letters</i> , 2007 , 168, 310-8	4.4	74

182	Implications of gender differences for human health risk assessment and toxicology. <i>Environmental Research</i> , 2007 , 104, 70-84	7.9	74
181	Arsenic exposure and cell-mediated immunity in pre-school children in rural Bangladesh. <i>Toxicological Sciences</i> , 2014 , 141, 166-75	4.4	73
180	Embryotoxicity of arsenite and arsenate: distribution in pregnant mice and monkeys and effects on embryonic cells in vitro. <i>Acta Pharmacologica Et Toxicologica</i> , 1984 , 54, 311-20		73
179	Arsenic exposure and age and sex-specific risk for skin lesions: a population-based case-referent study in Bangladesh. <i>Environmental Health Perspectives</i> , 2006 , 114, 1847-52	8.4	73
178	High arsenic groundwater: mobilization, metabolism and mitigation--an overview in the Bengal Delta Plain. <i>Molecular and Cellular Biochemistry</i> , 2003 , 253, 347-55	4.2	73
177	Gender and age differences in mixed metal exposure and urinary excretion. <i>Environmental Research</i> , 2011 , 111, 1271-9	7.9	71
176	Metabolism of arsenocholine in mice, rats and rabbits. <i>Science of the Total Environment</i> , 1984 , 34, 223-40	10.2	71
175	Single nucleotide polymorphisms in DNA repair genes and basal cell carcinoma of skin. <i>Carcinogenesis</i> , 2006 , 27, 1676-81	4.6	70
174	Assessment of skin exposure to nickel, chromium and cobalt by acid wipe sampling and ICP-MS. <i>Contact Dermatitis</i> , 2006 , 54, 233-8	2.7	69
173	Targeted uptake of folic acid-functionalized iron oxide nanoparticles by ovarian cancer cells in the presence but not in the absence of serum. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2014 , 10, 1421-31	6	68
172	Chronic exposure to cadmium and arsenic strongly influences concentrations of 8-oxo-7,8-dihydro-2Rdeoxyguanosine in urine. <i>Free Radical Biology and Medicine</i> , 2010 , 48, 1211-7	7.8	68
171	Manganese in Drinking Water and Cognitive Abilities and Behavior at 10 Years of Age: A Prospective Cohort Study. <i>Environmental Health Perspectives</i> , 2017 , 125, 057003	8.4	67
170	Arsenic exposure through drinking water is associated with longer telomeres in peripheral blood. <i>Chemical Research in Toxicology</i> , 2012 , 25, 2333-9	4	67
169	Effect of arsenic exposure during pregnancy on infant development at 7 months in rural Matlab, Bangladesh. <i>Environmental Health Perspectives</i> , 2009 , 117, 288-93	8.4	66
168	Lead exposure and hearing effects in children in Katowice, Poland. <i>Environmental Research</i> , 1999 , 80, 1-8	7.9	66
167	Elevated childhood exposure to arsenic despite reduced drinking water concentrations--A longitudinal cohort study in rural Bangladesh. <i>Environment International</i> , 2016 , 86, 119-25	12.9	64
166	Screening of arsenic in tubewell water with field test kits: evaluation of the method from public health perspective. <i>Science of the Total Environment</i> , 2007 , 379, 167-75	10.2	64
165	Airborne arsenic and urinary excretion of metabolites of inorganic arsenic among smelter workers. <i>International Archives of Occupational and Environmental Health</i> , 1986 , 57, 79-91	3.2	64

164	Interactions between essential and toxic elements in lead exposed children in Katowice, Poland. <i>Clinical Biochemistry</i> , 1998 , 31, 657-65	3.5	63
163	Exposure to environmental tobacco smoke in the household and urinary cotinine excretion, heavy metals retention, and lung function. <i>Archives of Environmental Health</i> , 1992 , 47, 357-63		61
162	Cadmium interacts with the transport of essential micronutrients in the mammary gland - a study in rural Bangladeshi women. <i>Toxicology</i> , 2009 , 257, 64-9	4.4	60
161	Variation in blood concentrations of cadmium and lead in the elderly. <i>Environmental Research</i> , 1999 , 80, 222-30	7.9	60
160	Impact of smoking and chewing tobacco on arsenic-induced skin lesions. <i>Environmental Health Perspectives</i> , 2010 , 118, 533-8	8.4	59
159	Release of nickel from coins and deposition onto skin from coin handling--comparing euro coins and SEK. <i>Contact Dermatitis</i> , 2008 , 59, 31-7	2.7	58
158	Cadmium exposure and cognitive abilities and behavior at 10 years of age: A prospective cohort study. <i>Environment International</i> , 2018 , 113, 259-268	12.9	57
157	Environmental arsenic exposure and DNA methylation of the tumor suppressor gene p16 and the DNA repair gene MLH1: effect of arsenic metabolism and genotype. <i>Metallomics</i> , 2012 , 4, 1167-75	4.5	57
156	Early exposure to toxic metals has a limited effect on blood pressure or kidney function in later childhood, rural Bangladesh. <i>International Journal of Epidemiology</i> , 2013 , 42, 176-85	7.8	57
155	Burden of cadmium in early childhood: longitudinal assessment of urinary cadmium in rural Bangladesh. <i>Toxicology Letters</i> , 2010 , 198, 20-5	4.4	57
154	Modifications of Ca ²⁺ signaling by inorganic mercury in PC12 cells. <i>FASEB Journal</i> , 1993 , 7, 1507-14	0.9	56
153	Solubility, retention, and metabolism of intratracheally and orally administered inorganic arsenic compounds in the hamster. <i>Environmental Research</i> , 1987 , 42, 72-82	7.9	55
152	A rapid method for the selective analysis of total urinary metabolites of inorganic arsenic. <i>Scandinavian Journal of Work, Environment and Health</i> , 1981 , 7, 38-44	4.3	55
151	Metabolism of arsenic 1983 , 171-198		54
150	The Epigenetic Effects of Prenatal Cadmium Exposure. <i>Current Environmental Health Reports</i> , 2015 , 2, 195-203	6.5	53
149	Skin deposition of nickel, cobalt, and chromium in production of gas turbines and space propulsion components. <i>Annals of Occupational Hygiene</i> , 2010 , 54, 340-50		53
148	Pre- and postnatal arsenic exposure and body size to 2 years of age: a cohort study in rural Bangladesh. <i>Environmental Health Perspectives</i> , 2012 , 120, 1208-14	8.4	53
147	Lead in plasma and whole blood from lead-exposed children. <i>Environmental Research</i> , 1999 , 80, 25-33	7.9	52

146	Concentrations of arsenic in urine of the general population in Sweden. <i>Science of the Total Environment</i> , 1986 , 54, 1-12	10.2	52
145	Proteomics Analysis Reveals Distinct Corona Composition on Magnetic Nanoparticles with Different Surface Coatings: Implications for Interactions with Primary Human Macrophages. <i>PLoS ONE</i> , 2015 , 10, e0129008	3.7	52
144	Low-level arsenic exposure: Nutritional and dietary predictors in first-grade Uruguayan children. <i>Environmental Research</i> , 2016 , 147, 16-23	7.9	51
143	Efficient arsenic metabolism--the AS3MT haplotype is associated with DNA methylation and expression of multiple genes around AS3MT. <i>PLoS ONE</i> , 2013 , 8, e53732	3.7	51
142	A method to compensate for incomplete 24-hour urine collections in nutritional epidemiology studies. <i>Public Health Nutrition</i> , 1999 , 2, 587-91	3.3	50
141	Arsenic Metabolism in Children Differs From That in Adults. <i>Toxicological Sciences</i> , 2016 , 152, 29-39	4.4	50
140	Alkali dilution of blood samples for high throughput ICP-MS analysis-comparison with acid digestion. <i>Clinical Biochemistry</i> , 2015 , 48, 140-7	3.5	48
139	Arsenic-Associated Oxidative Stress, Inflammation, and Immune Disruption in Human Placenta and Cord Blood. <i>Environmental Health Perspectives</i> , 2010 , 119, 258-264	8.4	47
138	Relation between dietary cadmium intake and biomarkers of cadmium exposure in premenopausal women accounting for body iron stores. <i>Environmental Health</i> , 2011 , 10, 105	6	45
137	Arsenic and cadmium in food-chain in Bangladesh--an exploratory study. <i>Journal of Health, Population and Nutrition</i> , 2010 , 28, 578-84	2.5	45
136	Toxicity of inorganic arsenic and its metabolites on haematopoietic progenitors "in vitro": comparison between species and sexes. <i>Toxicology</i> , 2008 , 249, 102-8	4.4	45
135	Methods for integrated exposure monitoring of lead and cadmium. <i>Environmental Research</i> , 1991 , 56, 78-89	7.9	45
134	Early life low-level cadmium exposure is positively associated with increased oxidative stress. <i>Environmental Research</i> , 2012 , 112, 164-70	7.9	44
133	Lithium in drinking water and thyroid function. <i>Environmental Health Perspectives</i> , 2011 , 119, 827-30	8.4	44
132	Personal monitoring of lead and cadmium exposure--a Swedish study with special reference to methodological aspects. <i>Scandinavian Journal of Work, Environment and Health</i> , 1991 , 17, 65-74	4.3	44
131	Arsenic exposure alters lung function and airway inflammation in children: A cohort study in rural Bangladesh. <i>Environment International</i> , 2017 , 101, 108-116	12.9	43
130	Nutritional status and diet as predictors of children's lead concentrations in blood and urine. <i>Environment International</i> , 2018 , 111, 43-51	12.9	43
129	Arsenic induces telomerase expression and maintains telomere length in human cord blood cells. <i>Toxicology</i> , 2009 , 260, 132-41	4.4	43

128	Both the Environment and Genes Are Important for Concentrations of Cadmium and Lead in Blood. <i>Environmental Health Perspectives</i> , 2000 , 108, 719-722	8.4	42
127	Genetic variation in arsenic (+3 oxidation state) methyltransferase (AS3MT), arsenic metabolism and risk of basal cell carcinoma in a European population. <i>Environmental and Molecular Mutagenesis</i> , 2015 , 56, 60-9	3.2	40
126	Possible positive selection for an arsenic-protective haplotype in humans. <i>Environmental Health Perspectives</i> , 2013 , 121, 53-8	8.4	40
125	Occupational exposure to ultraviolet radiation and risk of non-melanoma skin cancer in a multinational European study. <i>PLoS ONE</i> , 2013 , 8, e62359	3.7	40
124	Demethylation and placental transfer of methyl mercury in the pregnant hamster. <i>Toxicology</i> , 1994 , 94, 131-42	4.4	39
123	Occurrence and levels of organochlorine compounds in human breast milk in Bangladesh. <i>Chemosphere</i> , 2012 , 88, 784-90	8.4	38
122	Impaired arsenic metabolism in children during weaning. <i>Toxicology and Applied Pharmacology</i> , 2009 , 239, 208-14	4.6	38
121	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> , 2015 , 29, 249-54	4.1	37
120	Kidney function and blood pressure in preschool-aged children exposed to cadmium and arsenic--potential alleviation by selenium. <i>Environmental Research</i> , 2015 , 140, 205-13	7.9	36
119	Spatial and temporal variations in arsenic exposure via drinking-water in northern Argentina. <i>Journal of Health, Population and Nutrition</i> , 2006 , 24, 317-26	2.5	36
118	Occupational exposure to arsenic and risk of nonmelanoma skin cancer in a multinational European study. <i>International Journal of Cancer</i> , 2013 , 133, 2182-91	7.5	35
117	Spatial patterns of fetal loss and infant death in an arsenic-affected area in Bangladesh. <i>International Journal of Health Geographics</i> , 2010 , 9, 53	3.5	35
116	Selenium concentrations in brain after exposure to methylmercury: relations between the inorganic mercury fraction and selenium. <i>Archives of Toxicology</i> , 1995 , 69, 228-34	5.8	35
115	Impact of prenatal exposure to cadmium on cognitive development at preschool age and the importance of selenium and iodine. <i>European Journal of Epidemiology</i> , 2016 , 31, 1123-1134	12.1	35
114	Environmental exposure to lithium during pregnancy and fetal size: a longitudinal study in the Argentinean Andes. <i>Environment International</i> , 2015 , 77, 48-54	12.9	34
113	Major Limitations in Using Element Concentrations in Hair as Biomarkers of Exposure to Toxic and Essential Trace Elements in Children. <i>Environmental Health Perspectives</i> , 2017 , 125, 067021	8.4	34
112	N-6-adenine-specific DNA methyltransferase 1 (N6AMT1) polymorphisms and arsenic methylation in Andean women. <i>Environmental Health Perspectives</i> , 2013 , 121, 797-803	8.4	34
111	Validation with biological markers for food intake of a dietary assessment method used by Swedish women with three different dietary preferences. <i>Public Health Nutrition</i> , 1998 , 1, 199-206	3.3	34

110	Humoral Immunity in Arsenic-Exposed Children in Rural Bangladesh: Total Immunoglobulins and Vaccine-Specific Antibodies. <i>Environmental Health Perspectives</i> , 2017 , 125, 067006	8.4	33
109	Persistent exposure to arsenic via drinking water in rural Bangladesh despite major mitigation efforts. <i>American Journal of Public Health</i> , 2011 , 101 Suppl 1, S333-8	5.1	33
108	Arsenic alters global histone modifications in lymphocytes in vitro and in vivo. <i>Cell Biology and Toxicology</i> , 2016 , 32, 275-84	7.4	33
107	Exploring telomere length in mother-newborn pairs in relation to exposure to multiple toxic metals and potential modifying effects by nutritional factors. <i>BMC Medicine</i> , 2019 , 17, 77	11.4	32
106	Cadmium concentrations in human blood and urine are associated with polymorphisms in zinc transporter genes. <i>Metallomics</i> , 2014 , 6, 885-91	4.5	32
105	Nickel deposited on the skin-visualization by DMG test. <i>Contact Dermatitis</i> , 2011 , 64, 151-7	2.7	32
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101	Arsenic exposure from drinking water is associated with decreased gene expression and increased DNA methylation in peripheral blood. <i>Toxicology and Applied Pharmacology</i> , 2017 , 321, 57-66	4.6	31
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