Marie Vahter

List of Publications by Year in Descending Order

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	Long-term cadmium exposure and fractures, cardiovascular disease, and mortality in a prospective cohort of women.. *Environment International*, **2022**, 161, 107114	12.9	0
270	Contribution of household drinking water intake to arsenic and lead exposure among Uruguayan schoolchildren.. *Chemosphere*, **2022**, 292, 133525	8.4	0
269	Maternal exposure to cadmium during pregnancy is associated with changes in DNA methylation that are persistent at 9´years of age.. *Environment International*, **2022**, 163, 107188	12.9	1
268	Human adaptation to arsenic in Bolivians living in the Andes.. *Chemosphere*, **2022**, 134764	8.4	0
267	Lead exposure and indices of height and weight in Uruguayan urban school children, considering co-exposure to cadmium and arsenic, sex, iron status and dairy intake. *Environmental Research*, **2021**, 195, 110799	7.9	6
266	A longitudinal study of rural Bangladeshi children with long-term arsenic and cadmium exposures and biomarkers of cardiometabolic diseases. *Environmental Pollution*, **2021**, 271, 116333	9.3	9
265	Environmental metal exposure and growth to 10´years of age in a longitudinal mother-child cohort in rural Bangladesh. *Environment International*, **2021**, 156, 106738	12.9	2
264	Thyroid hormones in relation to toxic metal exposure in pregnancy, and potential interactions with iodine and selenium. *Environment International*, **2021**, 157, 106869	12.9	1
263	Infant Iodine and Selenium Status in Relation to Maternal Status and Diet During Pregnancy and Lactation.. *Frontiers in Nutrition*, **2021**, 8, 733602	6.2	2
262	Executive functions in school children from Montevideo, Uruguay and their associations with concurrent low-level arsenic exposure. *Environment International*, **2020**, 142, 105883	12.9	10
261	Low-level maternal exposure to cadmium, lead, and mercury and birth outcomes in a Swedish prospective birth-cohort. *Environmental Pollution*, **2020**, 265, 114986	9.3	18
260	Vitamin B-6 Intake Is Modestly Associated with Arsenic Methylation in Uruguayan Children with Low-Level Arsenic Exposure. *Journal of Nutrition*, **2020**, 150, 1223-1229	4.1	5
259	Low level arsenic exposure, B-vitamins, and achievement among Uruguayan school children. *International Journal of Hygiene and Environmental Health*, **2020**, 223, 124-131	6.9	4
258	Associations of dietary intakes and serum levels of folate and vitamin B-12 with methylation of inorganic arsenic in Uruguayan children: Comparison of findings and implications for future research. *Environmental Research*, **2020**, 189, 109935	7.9	2
257	Placental and Cord Blood Telomere Length in Relation to Maternal Nutritional Status. *Journal of Nutrition*, **2020**, 150, 2646-2655	4.1	3
256	Prenatal and childhood arsenic exposure through drinking water and food and cognitive abilities at 10´years of age: A prospective cohort study. *Environment International*, **2020**, 139, 105723	12.9	18
255	A cross-sectional study of urinary cadmium concentrations in relation to dietary intakes in Uruguayan school children. *Science of the Total Environment*, **2019**, 658, 1239-1248	10.2	6

254	Early-Life Cadmium Exposure and Bone-Related Biomarkers: A Longitudinal Study in Children. *Environmental Health Perspectives*, **2019**, 127, 37003	8.4	21
253	Exploring telomere length in mother-newborn pairs in relation to exposure to multiple toxic metals and potential modifying effects by nutritional factors. *BMC Medicine*, **2019**, 17, 77	11.4	32
252	Pre- and postnatal environmental boron exposure and infant growth: Results from a mother-child cohort in northern Argentina. *Environmental Research*, **2019**, 171, 60-68	7.9	12
251	Elevated arsenic exposure and efficient arsenic metabolism in indigenous women around Lake Poop□Bolivia. *Science of the Total Environment*, **2019**, 657, 179-186	10.2	22
250	A cross-sectional study of general cognitive abilities among Uruguayan school children with low-level arsenic exposure, potential effect modification by methylation capacity and dietary folate. *Environmental Research*, **2018**, 164, 124-131	7.9	18
249	Nutritional status and diet as predictors of children□ lead concentrations in blood and urine. *Environment International*, **2018**, 111, 43-51	12.9	43
248	Cadmium exposure and cognitive abilities and behavior at 10 years of age: A prospective cohort study. *Environment International*, **2018**, 113, 259-268	12.9	57
247	Multiple-metal exposure, diet, and oxidative stress in Uruguayan school children. *Environmental Research*, **2018**, 166, 507-515	7.9	18
246	Arsenite methyltransferase (AS3MT) polymorphisms and arsenic methylation in children in rural Bangladesh. *Toxicology and Applied Pharmacology*, **2018**, 357, 80-87	4.6	13
245	ICP-MS measurement of toxic and essential elements in human breast milk. A comparison of alkali dilution and acid digestion sample preparation methods. *Clinical Biochemistry*, **2018**, 53, 81-87	3.5	16
244	Associations between Methylated Metabolites of Arsenic and Selenium in Urine of Pregnant Bangladeshi Women and Interactions between the Main Genes Involved. *Environmental Health Perspectives*, **2018**, 126, 027001	8.4	8
243	Predictors of selenium biomarker kinetics in 4-9-year-old Bangladeshi children. *Environment International*, **2018**, 121, 842-851	12.9	4
242	Nutritional impact on Immunological maturation during Childhood in relation to the Environment (NICE): a prospective birth cohort in northern Sweden. *BMJ Open*, **2018**, 8, e022013	3	9
241	Associations of Arsenic Exposure With Telomere Length and Na□e T Cells in Childhood-A Birth Cohort Study. *Toxicological Sciences*, **2018**, 164, 539-549	4.4	19
240	Prenatal arsenic exposure is associated with increased plasma IGFBP3 concentrations in 9-year-old children partly via changes in DNA methylation. *Archives of Toxicology*, **2018**, 92, 2487-2500	5.8	23
239	Methylmercury exposure and cognitive abilities and behavior at 10years of age. *Environment International*, **2017**, 102, 97-105	12.9	18
238	Arsenic exposure from drinking water is associated with decreased gene expression and increased DNA methylation in peripheral blood. *Toxicology and Applied Pharmacology*, **2017**, 321, 57-66	4.6	31
237	Arsenic exposure alters lung function and airway inflammation in children: A cohort study in rural Bangladesh. *Environment International*, **2017**, 101, 108-116	12.9	43

236	AS3MT-mediated tolerance to arsenic evolved by multiple independent horizontal gene transfers from bacteria to eukaryotes. *PLoS ONE*, **2017**, 12, e0175422	3.7	22
235	Major Limitations in Using Element Concentrations in Hair as Biomarkers of Exposure to Toxic and Essential Trace Elements in Children. *Environmental Health Perspectives*, **2017**, 125, 067021	8.4	34
234	Early-Life Selenium Status and Cognitive Function at 5 and 10 Years of Age in Bangladeshi Children. *Environmental Health Perspectives*, **2017**, 125, 117003	8.4	22
233	Humoral Immunity in Arsenic-Exposed Children in Rural Bangladesh: Total Immunoglobulins and Vaccine-Specific Antibodies. *Environmental Health Perspectives*, **2017**, 125, 067006	8.4	33
232	Transcriptomics and methylomics of CD4-positive T cells in arsenic-exposed women. *Archives of Toxicology*, **2017**, 91, 2067-2078	5.8	20
231	Manganese in Drinking Water and Cognitive Abilities and Behavior at 10 Years of Age: A Prospective Cohort Study. *Environmental Health Perspectives*, **2017**, 125, 057003	8.4	67
230	Boron exposure through drinking water during pregnancy and birth size. *Environment International*, **2016**, 95, 54-60	12.9	26
229	Elevated childhood exposure to arsenic despite reduced drinking water concentrations--A longitudinal cohort study in rural Bangladesh. *Environment International*, **2016**, 86, 119-25	12.9	64
228	Low-level arsenic exposure: Nutritional and dietary predictors in first-grade Uruguayan children. *Environmental Research*, **2016**, 147, 16-23	7.9	51
227	Exposure to lithium through drinking water and calcium homeostasis during pregnancy: A longitudinal study. *Environmental Research*, **2016**, 147, 1-7	7.9	18
226	Common Polymorphisms in the Solute Carrier SLC30A10 are Associated With Blood Manganese and Neurological Function. *Toxicological Sciences*, **2016**, 149, 473-83	4.4	26
225	Exposure to Inorganic Arsenic Is Associated with Increased Mitochondrial DNA Copy Number and Longer Telomere Length in Peripheral Blood. *Frontiers in Cell and Developmental Biology*, **2016**, 4, 87	5.7	32
224	Arsenic Metabolism in Children Differs From That in Adults. *Toxicological Sciences*, **2016**, 152, 29-39	4.4	50
223	Arsenic alters global histone modifications in lymphocytes in vitro and in vivo. *Cell Biology and Toxicology*, **2016**, 32, 275-84	7.4	33
222	Impact of prenatal exposure to cadmium on cognitive development at preschool age and the importance of selenium and iodine. *European Journal of Epidemiology*, **2016**, 31, 1123-1134	12.1	35
221	Prenatal lead exposure and childhood blood pressure and kidney function. *Environmental Research*, **2016**, 151, 628-634	7.9	27
220	MS-HRM assay identifies high levels of epigenetic heterogeneity in human immortalized cell lines. *Gene*, **2015**, 560, 165-72	3.8	3
219	Environmental exposure to lithium during pregnancy and fetal size: a longitudinal study in the Argentinean Andes. *Environment International*, **2015**, 77, 48-54	12.9	34

218	Manganese exposure through drinking water during pregnancy and size at birth: A prospective cohort study. *Reproductive Toxicology*, **2015**, 53, 68-74	3.4	19
217	Kidney function and blood pressure in preschool-aged children exposed to cadmium and arsenic--potential alleviation by selenium. *Environmental Research*, **2015**, 140, 205-13	7.9	36
216	The Epigenetic Effects of Prenatal Cadmium Exposure. *Current Environmental Health Reports*, **2015**, 2, 195-203	6.5	53
215	The effects of arsenic exposure on blood pressure and early risk markers of cardiovascular disease: Evidence for population differences. *Environmental Research*, **2015**, 140, 32-6	7.9	25
214	Human adaptation to arsenic-rich environments. *Molecular Biology and Evolution*, **2015**, 32, 1544-55	8.3	95
213	Exposure to Lithium and Cesium Through Drinking Water and Thyroid Function During Pregnancy: A Prospective Cohort Study. *Thyroid*, **2015**, 25, 1199-208	6.2	19
212	Anthroposophic lifestyle influences the concentration of metals in placenta and cord blood. *Environmental Research*, **2015**, 136, 88-96	7.9	10
211	Impact of Ficoll density gradient centrifugation on major and trace element concentrations in erythrocytes and blood plasma. *Journal of Trace Elements in Medicine and Biology*, **2015**, 29, 249-54	4.1	37
210	Genetic variation in arsenic (+3 oxidation state) methyltransferase (AS3MT), arsenic metabolism and risk of basal cell carcinoma in a European population. *Environmental and Molecular Mutagenesis*, **2015**, 56, 60-9	3.2	40
209	Discordant pattern of BRCA1 gene epimutation in blood between mothers and daughters. *Journal of Clinical Pathology*, **2015**, 68, 575-7	3.9	1
208	Prenatal lead exposure is associated with decreased cord blood DNA methylation of the glycoprotein VI gene involved in platelet activation and thrombus formation. *Environmental Epigenetics*, **2015**, 1, dvv007	2.4	20
207	Selenium metabolism to the trimethylselenonium ion (TMSe) varies markedly because of polymorphisms in the indolethylamine N-methyltransferase gene. *American Journal of Clinical Nutrition*, **2015**, 102, 1406-15	7	29
206	Alkali dilution of blood samples for high throughput ICP-MS analysis-comparison with acid digestion. *Clinical Biochemistry*, **2015**, 48, 140-7	3.5	48
205	Proteomics Analysis Reveals Distinct Corona Composition on Magnetic Nanoparticles with Different Surface Coatings: Implications for Interactions with Primary Human Macrophages. *PLoS ONE*, **2015**, 10, e0129008	3.7	52
204	Targeted uptake of folic acid-functionalized iron oxide nanoparticles by ovarian cancer cells in the presence but not in the absence of serum. *Nanomedicine: Nanotechnology, Biology, and Medicine*, **2014**, 10, 1421-31	6	68
203	Maternal urinary iodine concentration up to 1.0 mg/L is positively associated with birth weight, length, and head circumference of male offspring. *Journal of Nutrition*, **2014**, 144, 1438-44	4.1	31
202	Exposure to arsenic and intra-chromosomal instability in blood. *Metallomics*, **2014**, 6, 1387-9	4.5	0
201	Cadmium concentrations in human blood and urine are associated with polymorphisms in zinc transporter genes. *Metallomics*, **2014**, 6, 885-91	4.5	32

200	Arsenic exposure and cell-mediated immunity in pre-school children in rural Bangladesh. *Toxicological Sciences*, **2014**, 141, 166-75	4.4	73
199	Associations between cadmium exposure and circulating levels of sex hormones in postmenopausal women. *Environmental Research*, **2014**, 134, 265-9	7.9	21
198	Formal recycling of e-waste leads to increased exposure to toxic metals: an occupational exposure study from Sweden. *Environment International*, **2014**, 73, 243-51	12.9	131
197	TrkB overexpression in mice buffers against memory deficits and depression-like behavior but not all anxiety- and stress-related symptoms induced by developmental exposure to methylmercury. *Frontiers in Behavioral Neuroscience*, **2014**, 8, 315	3.5	17
196	Polymorphisms in DNA repair genes XRCC1 and XRCC3, occupational exposure to arsenic and sunlight, and the risk of non-melanoma skin cancer in a European case-control study. *Environmental Research*, **2014**, 134, 382-9	7.9	6
195	Maternal-child transfer of essential and toxic elements through breast milk in a mine-waste polluted area. *American Journal of Perinatology*, **2014**, 31, 993-1002	3.3	10
194	Occupational exposure to arsenic and risk of nonmelanoma skin cancer in a multinational European study. *International Journal of Cancer*, **2013**, 133, 2182-91	7.5	35
193	Polymorphisms in iron homeostasis genes and urinary cadmium concentrations among nonsmoking women in Argentina and Bangladesh. *Environmental Health Perspectives*, **2013**, 121, 467-72	8.4	18
192	N-6-adenine-specific DNA methyltransferase 1 (N6AMT1) polymorphisms and arsenic methylation in Andean women. *Environmental Health Perspectives*, **2013**, 121, 797-803	8.4	34
191	Sex-specific effects of early life cadmium exposure on DNA methylation and implications for birth weight. *Epigenetics*, **2013**, 8, 494-503	5.7	141
190	Early exposure to toxic metals has a limited effect on blood pressure or kidney function in later childhood, rural Bangladesh. *International Journal of Epidemiology*, **2013**, 42, 176-85	7.8	57
189	Efficient arsenic metabolism--the AS3MT haplotype is associated with DNA methylation and expression of multiple genes around AS3MT. *PLoS ONE*, **2013**, 8, e53732	3.7	51
188	Possible positive selection for an arsenic-protective haplotype in humans. *Environmental Health Perspectives*, **2013**, 121, 53-8	8.4	40
187	Environmental exposure to metals and children's growth to age 5 years: a prospective cohort study. *American Journal of Epidemiology*, **2013**, 177, 1356-67	3.8	97
186	Occupational exposure to ultraviolet radiation and risk of non-melanoma skin cancer in a multinational European study. *PLoS ONE*, **2013**, 8, e62359	3.7	40
185	Elevated manganese concentrations in drinking water may be beneficial for fetal survival. *PLoS ONE*, **2013**, 8, e74119	3.7	19
184	Arsenic exposure affects plasma insulin-like growth factor 1 (IGF-1) in children in rural Bangladesh. *PLoS ONE*, **2013**, 8, e81530	3.7	24
183	Arsenic exposure through drinking water is associated with longer telomeres in peripheral blood. *Chemical Research in Toxicology*, **2012**, 25, 2333-9	4	67

182	Environmental exposure to arsenic and cadmium during pregnancy and fetal size: a longitudinal study in rural Bangladesh. *Reproductive Toxicology*, **2012**, 34, 504-11	3.4	93
181	Early-life exposure to lithium and boron from drinking water. *Reproductive Toxicology*, **2012**, 34, 552-60	3.4	21
180	Early life low-level cadmium exposure is positively associated with increased oxidative stress. *Environmental Research*, **2012**, 112, 164-70	7.9	44
179	Associations between dietary cadmium exposure and bone mineral density and risk of osteoporosis and fractures among women. *Bone*, **2012**, 50, 1372-8	4.7	123
178	Environmental arsenic exposure and DNA methylation of the tumor suppressor gene p16 and the DNA repair gene MLH1: effect of arsenic metabolism and genotype. *Metallomics*, **2012**, 4, 1167-75	4.5	57
177	Metals and trace element concentrations in breast milk of first time healthy mothers: a biological monitoring study. *Environmental Health*, **2012**, 11, 92	6	87
176	Occurrence and levels of organochlorine compounds in human breast milk in Bangladesh. *Chemosphere*, **2012**, 88, 784-90	8.4	38
175	Early-life cadmium exposure and child development in 5-year-old girls and boys: a cohort study in rural Bangladesh. *Environmental Health Perspectives*, **2012**, 120, 1462-8	8.4	132
174	Inorganic arsenic and basal cell carcinoma in areas of Hungary, Romania, and Slovakia: a case-control study. *Environmental Health Perspectives*, **2012**, 120, 721-6	8.4	77
173	Pre- and postnatal arsenic exposure and body size to 2 years of age: a cohort study in rural Bangladesh. *Environmental Health Perspectives*, **2012**, 120, 1208-14	8.4	53
172	Low-level environmental cadmium exposure is associated with DNA hypomethylation in Argentinean women. *Environmental Health Perspectives*, **2012**, 120, 879-84	8.4	106
171	Maternal cadmium exposure during pregnancy and size at birth: a prospective cohort study. *Environmental Health Perspectives*, **2012**, 120, 284-9	8.4	161
170	In utero arsenic exposure is associated with impaired thymic function in newborns possibly via oxidative stress and apoptosis. *Toxicological Sciences*, **2012**, 129, 305-14	4.4	98
169	Pregnancy and the methyltransferase genotype independently influence the arsenic methylation phenotype. *Pharmacogenetics and Genomics*, **2012**, 22, 508-16	1.9	23
168	The association between active/passive smoking and toxic metals among pregnant women in Greece. *Xenobiotica*, **2011**, 41, 456-63	2	10
167	Gender and age differences in mixed metal exposure and urinary excretion. *Environmental Research* , **2011**, 111, 1271-9	7.9	71
166	Thromboxane metabolite excretion during pregnancy--influence of preeclampsia and aspirin treatment. *Thrombosis Research*, **2011**, 127, 605-6	8.2	13
165	Persistent exposure to arsenic via drinking water in rural Bangladesh despite major mitigation efforts. *American Journal of Public Health*, **2011**, 101 Suppl 1, S333-8	5.1	33

164	Nickel deposited on the skin-visualization by DMG test. *Contact Dermatitis*, **2011**, 64, 151-7	2.7	32
163	Efficient internalization of silica-coated iron oxide nanoparticles of different sizes by primary human macrophages and dendritic cells. *Toxicology and Applied Pharmacology*, **2011**, 253, 81-93	4.6	152
162	Arsenic methylation efficiency increases during the first trimester of pregnancy independent of folate status. *Reproductive Toxicology*, **2011**, 31, 210-8	3.4	85
161	Biomarker of chronic cadmium exposure in a population residing in the vicinity of a zinc producing plant. *Science of the Total Environment*, **2011**, 409, 4222-8	10.2	5
160	Relation between dietary cadmium intake and biomarkers of cadmium exposure in premenopausal women accounting for body iron stores. *Environmental Health*, **2011**, 10, 105	6	45
159	Long-term cadmium exposure and the association with bone mineral density and fractures in a population-based study among women. *Journal of Bone and Mineral Research*, **2011**, 26, 486-95	6.3	100
158	High concentrations of essential and toxic elements in infant formula and infant foods - A matter of concern. *Food Chemistry*, **2011**, 127, 943-51	8.5	108
157	Retinol may counteract the negative effect of cadmium on bone. *Journal of Nutrition*, **2011**, 141, 2198-203	4.1	3
156	Temporal and seasonal variability of arsenic in drinking water wells in Matlab, southeastern Bangladesh: a preliminary evaluation on the basis of a 4 year study. *Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering*, **2011**, 46, 1177-84	2.3	32
155	Arsenic-associated oxidative stress, inflammation, and immune disruption in human placenta and cord blood. *Environmental Health Perspectives*, **2011**, 119, 258-64	8.4	183
154	Arsenic exposure in pregnancy increases the risk of lower respiratory tract infection and diarrhea during infancy in Bangladesh. *Environmental Health Perspectives*, **2011**, 119, 719-24	8.4	150
153	Polymorphisms in arsenic(+III oxidation state) methyltransferase (AS3MT) predict gene expression of AS3MT as well as arsenic metabolism. *Environmental Health Perspectives*, **2011**, 119, 182-8	8.4	141
152	Lithium in drinking water and thyroid function. *Environmental Health Perspectives*, **2011**, 119, 827-30	8.4	44
151	Arsenic and cadmium in food-chain in Bangladesh--an exploratory study. *Journal of Health, Population and Nutrition*, **2010**, 28, 578-84	2.5	45
150	Pre- and postnatal arsenic exposure and child development at 18 months of age: a cohort study in rural Bangladesh. *International Journal of Epidemiology*, **2010**, 39, 1206-16	7.8	75
149	Skin deposition of nickel, cobalt, and chromium in production of gas turbines and space propulsion components. *Annals of Occupational Hygiene*, **2010**, 54, 340-50		53
148	Impact of smoking and chewing tobacco on arsenic-induced skin lesions. *Environmental Health Perspectives*, **2010**, 118, 533-8	8.4	59
147	Accumulation of cadmium in human placenta interacts with the transport of micronutrients to the fetus. *Toxicology Letters*, **2010**, 192, 162-8	4.4	150

146	High-level exposure to lithium, boron, cesium, and arsenic via drinking water in the Andes of northern Argentina. *Environmental Science & Technology*, **2010**, 44, 6875-80	10.3	98
145	Recent applications of benchmark dose method for estimation of reference cadmium exposure for renal effects in man. *Toxicology Letters*, **2010**, 198, 40-3	4.4	26
144	Burden of cadmium in early childhood: longitudinal assessment of urinary cadmium in rural Bangladesh. *Toxicology Letters*, **2010**, 198, 20-5	4.4	57
143	Benchmark dose for cadmium-induced osteoporosis in women. *Toxicology Letters*, **2010**, 197, 123-7	4.4	31
142	Arsenic exposure from drinking water and mortality in Bangladesh. *Lancet, The*, **2010**, 376, 1641; author reply 1642	40	4
141	Spatial modelling of individual arsenic exposure via well water: evaluation of arsenic in urine, main water source and influence of neighbourhood water sources in rural Bangladesh. *Journal of Environmental Monitoring*, **2010**, 12, 1341-8		11
140	Arsenic exposure and risk of spontaneous abortion, stillbirth, and infant mortality. *Epidemiology*, **2010**, 21, 797-804	3.1	147
139	Lifetime exposure to arsenic in residential drinking water in Central Europe. *International Archives of Occupational and Environmental Health*, **2010**, 83, 471-81	3.2	23
138	Low 8-oxo-7,8-dihydro-2Rdeoxyguanosine levels and influence of genetic background in an Andean population exposed to high levels of arsenic. *Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis*, **2010**, 683, 98-105	3.3	22
137	Chronic exposure to cadmium and arsenic strongly influences concentrations of 8-oxo-7,8-dihydro-2Rdeoxyguanosine in urine. *Free Radical Biology and Medicine*, **2010**, 48, 1211-7	7.8	68
136	Spatial patterns of fetal loss and infant death in an arsenic-affected area in Bangladesh. *International Journal of Health Geographics*, **2010**, 9, 53	3.5	35
135	Arsenic-Associated Oxidative Stress, Inflammation, and Immune Disruption in Human Placenta and Cord Blood. *Environmental Health Perspectives*, **2010**, 119, 258-264	8.4	47
134	Pre- and postnatal arsenic exposure and growth of infants and young children: a cohort study in rural Bangladesh. *FASEB Journal*, **2010**, 24, 227.4	0.9	
133	Effect of arsenic exposure during pregnancy on infant development at 7 months in rural Matlab, Bangladesh. *Environmental Health Perspectives*, **2009**, 117, 288-93	8.4	66
132	Population toxicokinetic modeling of cadmium for health risk assessment. *Environmental Health Perspectives*, **2009**, 117, 1293-301	8.4	143
131	Arsenic metabolism is influenced by polymorphisms in genes involved in one-carbon metabolism and reduction reactions. *Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis*, **2009**, 667, 4-14	3.3	82
130	Impaired arsenic metabolism in children during weaning. *Toxicology and Applied Pharmacology*, **2009**, 239, 208-14	4.6	38
129	Arsenic induces telomerase expression and maintains telomere length in human cord blood cells. *Toxicology*, **2009**, 260, 132-41	4.4	43

128	Cadmium interacts with the transport of essential micronutrients in the mammary gland - a study in rural Bangladeshi women. *Toxicology*, **2009**, 257, 64-9	4.4	60
127	Cadmium-induced bone effect is not mediated via low serum 1,25-dihydroxy vitamin D. *Environmental Research*, **2009**, 109, 188-92	7.9	29
126	Effects of in utero arsenic exposure on child immunity and morbidity in rural Bangladesh. *Toxicology Letters*, **2009**, 185, 197-202	4.4	165
125	Effects of arsenic on maternal and fetal health. *Annual Review of Nutrition*, **2009**, 29, 381-99	9.9	248
124	Arsenic in drinking water and adult mortality: a population-based cohort study in rural Bangladesh. *Epidemiology*, **2009**, 20, 824-30	3.1	146
123	Arsenic exposure during pregnancy and size at birth: a prospective cohort study in Bangladesh. *American Journal of Epidemiology*, **2009**, 169, 304-12	3.8	201
122	Determinants of Blood Cadmium, Lead, Arsenic, Uranium, Mercury and Molybdenum Levels among Pregnant Women in Crete, Greece. *Epidemiology*, **2009**, 20, S174	3.1	3
121	Human developmental neurotoxicity of methylmercury: impact of variables and risk modifiers. *Regulatory Toxicology and Pharmacology*, **2008**, 51, 201-14	3.4	100
120	Neurodevelopmental toxicity of methylmercury: Laboratory animal data and their contribution to human risk assessment. *Regulatory Toxicology and Pharmacology*, **2008**, 51, 215-29	3.4	91
119	Human developmental neurotoxicity of methylmercury and variables. *Regulatory Toxicology and Pharmacology*, **2008**, 52, 197-198	3.4	
118	The risk of arsenic induced skin lesions in Bangladeshi men and women is affected by arsenic metabolism and the age at first exposure. *Toxicology and Applied Pharmacology*, **2008**, 230, 9-16	4.6	134
117	Combined in utero and juvenile exposure of mice to arsenate and atrazine in drinking water modulates gene expression and clonogenicity of myeloid progenitors. *Toxicology Letters*, **2008**, 180, 59-66	4.4	19
116	Urinary arsenic concentration adjustment factors and malnutrition. *Environmental Research*, **2008**, 106, 212-8	7.9	175
115	Gender and age differences in the metabolism of inorganic arsenic in a highly exposed population in Bangladesh. *Environmental Research*, **2008**, 106, 110-20	7.9	170
114	Nutritional status has marginal influence on the metabolism of inorganic arsenic in pregnant Bangladeshi women. *Environmental Health Perspectives*, **2008**, 116, 315-21	8.4	86
113	Toxicity of inorganic arsenic and its metabolites on haematopoietic progenitors "in vitro": comparison between species and sexes. *Toxicology*, **2008**, 249, 102-8	4.4	45
112	Deposition of nickel, chromium, and cobalt on the skin in some occupations - assessment by acid wipe sampling. *Contact Dermatitis*, **2008**, 58, 347-54	2.7	91
111	Release of nickel from coins and deposition onto skin from coin handling--comparing euro coins and SEK. *Contact Dermatitis*, **2008**, 59, 31-7	2.7	58

110	Role of Metabolism in Arsenic Toxicity. *Basic and Clinical Pharmacology and Toxicology*, **2008**, 89, 1-5		21
109	Health effects of early life exposure to arsenic. *Basic and Clinical Pharmacology and Toxicology*, **2008**, 102, 204-11	3.1	199
108	Breast-feeding protects against arsenic exposure in Bangladeshi infants. *Environmental Health Perspectives*, **2008**, 116, 963-9	8.4	94
107	Evaluation of the three most commonly used analytical methods for determination of inorganic arsenic and its metabolites in urine. *Toxicology Letters*, **2007**, 168, 310-8	4.4	74
106	Mercury in human brain, blood, muscle and toenails in relation to exposure: an autopsy study. *Environmental Health*, **2007**, 6, 30	6	121
105	Metabolism of low-dose inorganic arsenic in a central European population: influence of sex and genetic polymorphisms. *Environmental Health Perspectives*, **2007**, 115, 1081-6	8.4	169
104	Time to re-evaluate the guideline value for manganese in drinking water?. *Environmental Health Perspectives*, **2007**, 115, 1533-8	8.4	139
103	Genetic polymorphisms influencing arsenic metabolism: evidence from Argentina. *Environmental Health Perspectives*, **2007**, 115, 599-605	8.4	160
102	The effects of methylmercury on motor activity are sex- and age-dependent, and modulated by genetic deletion of adenosine receptors and caffeine administration. *Toxicology*, **2007**, 241, 119-33	4.4	32
101	Screening of arsenic in tubewell water with field test kits: evaluation of the method from public health perspective. *Science of the Total Environment*, **2007**, 379, 167-75	10.2	64
100	Thio-dimethylarsinate is a common metabolite in urine samples from arsenic-exposed women in Bangladesh. *Toxicology and Applied Pharmacology*, **2007**, 222, 374-80	4.6	146
99	Influence of iron and zinc status on cadmium accumulation in Bangladeshi women. *Toxicology and Applied Pharmacology*, **2007**, 222, 221-6	4.6	86
98	Neurobehavioural and molecular changes induced by methylmercury exposure during development. *Neurotoxicity Research*, **2007**, 11, 241-60	4.3	137
97	Slow recovery from severe inorganic arsenic poisoning despite treatment with DMSA (2.3-dimercaptosuccinic acid). *Clinical Toxicology*, **2007**, 45, 424-8	2.9	15
96	Association of arsenic exposure during pregnancy with fetal loss and infant death: a cohort study in Bangladesh. *American Journal of Epidemiology*, **2007**, 165, 1389-96	3.8	184
95	Developmental exposure to methylmercury alters learning and induces depression-like behavior in male mice. *Toxicological Sciences*, **2007**, 97, 428-37	4.4	141
94	Detecting arsenic-related skin lesions: experiences from a large community-based survey in Bangladesh. *International Journal of Environmental Health Research*, **2007**, 17, 141-9	3.6	4
93	Gender differences in the disposition and toxicity of metals. *Environmental Research*, **2007**, 104, 85-95	7.9	479

92	Implications of gender differences for human health risk assessment and toxicology. *Environmental Research*, **2007**, 104, 70-84	7.9	74
91	Concentrations of biomarkers in spot urine samples need adjustment for variation in dilution--Comment on: "Distribution of urinary selenium and arsenic among pregnant women exposed to arsenic in drinking water" [Environ Res. 2006;100(1):115-122]. *Environmental Research*, **2007**, 104, 312-3; discussion 314	7.9	8
90	Arsenic exposure and age and sex-specific risk for skin lesions: a population-based case-referent study in Bangladesh. *Environmental Health Perspectives*, **2006**, 114, 1847-52	8.4	73
89	Benchmark dose for cadmium-induced renal effects in humans. *Environmental Health Perspectives*, **2006**, 114, 1072-6	8.4	92
88	Cadmium-induced effects on bone in a population-based study of women. *Environmental Health Perspectives*, **2006**, 114, 830-4	8.4	232
87	Prevalence of arsenic exposure and skin lesions. A population based survey in Matlab, Bangladesh. *Journal of Epidemiology and Community Health*, **2006**, 60, 242-8	5.1	136
86	Arsenic exposure in Hungary, Romania and Slovakia. *Journal of Environmental Monitoring*, **2006**, 8, 203-8		94
85	Assessment of skin exposure to nickel, chromium and cobalt by acid wipe sampling and ICP-MS. *Contact Dermatitis*, **2006**, 54, 233-8	2.7	69
84	Single nucleotide polymorphisms in DNA repair genes and basal cell carcinoma of skin. *Carcinogenesis*, **2006**, 27, 1676-81	4.6	70
83	Spatial and temporal variations in arsenic exposure via drinking-water in northern Argentina. *Journal of Health, Population and Nutrition*, **2006**, 24, 317-26	2.5	36
82	A modified routine analysis of arsenic content in drinking-water in Bangladesh by hydride generation-atomic absorption spectrophotometry. *Journal of Health, Population and Nutrition*, **2006**, 24, 36-41	2.5	29
81	Inter-individual variations of human mercury exposure biomarkers: a cross-sectional assessment. *Environmental Health*, **2005**, 4, 20	6	186
80	Methyl mercury exposure in Swedish women with high fish consumption. *Science of the Total Environment*, **2005**, 341, 45-52	10.2	120
79	Tubular and glomerular kidney effects in Swedish women with low environmental cadmium exposure. *Environmental Health Perspectives*, **2005**, 113, 1627-31	8.4	325
78	Transport of methylmercury and inorganic mercury to the fetus and breast-fed infant. *Environmental Health Perspectives*, **2005**, 113, 1381-5	8.4	116
77	Sustainable safe water options in Bangladesh **2005**, 319-330		7
76	Toxic metals and the menopause. *The Journal of the British Menopause Society*, **2004**, 10, 60-4		31
75	High arsenic groundwater: mobilization, metabolism and mitigation--an overview in the Bengal Delta Plain. *Molecular and Cellular Biochemistry*, **2003**, 253, 347-55	4.2	73

74	Inorganic mercury and methylmercury in placentas of Swedish women. *Environmental Health Perspectives*, **2002**, 110, 523-6	8.4	117
73	Intra-individual variation in the metabolism of inorganic arsenic. *International Archives of Occupational and Environmental Health*, **2002**, 75, 576-80	3.2	76
72	Mechanisms of arsenic biotransformation. *Toxicology*, **2002**, 181-182, 211-7	4.4	522
71	Soluble Transferrin Receptor. *Obstetrics and Gynecology*, **2002**, 99, 260-266	4.9	2
70	Cadmium exposure in pregnancy and lactation in relation to iron status. *American Journal of Public Health*, **2002**, 92, 284-7	5.1	171
69	Soluble transferrin receptor: longitudinal assessment from pregnancy to postlactation. *Obstetrics and Gynecology*, **2002**, 99, 260-6	4.9	26
68	Role of metabolism in arsenic toxicity. *Basic and Clinical Pharmacology and Toxicology*, **2001**, 89, 1-5		190
67	Factors influencing arsenic methylation in humans. *Journal of Trace Elements in Experimental Medicine*, **2000**, 13, 173-184		17
66	Toxic and essential elements in placentas of Swedish women. *Clinical Biochemistry*, **2000**, 33, 131-8	3.5	213
65	Impact of soil and dust lead on children's blood lead in contaminated areas of Sweden. *Archives of Environmental Health*, **2000**, 55, 93-7		28
64	Longitudinal study of methylmercury and inorganic mercury in blood and urine of pregnant and lactating women, as well as in umbilical cord blood. *Environmental Research*, **2000**, 84, 186-94	7.9	168
63	Genetic polymorphism in the biotransformation of inorganic arsenic and its role in toxicity. *Toxicology Letters*, **2000**, 112-113, 209-17	4.4	193
62	Metal-bone interactions. *Toxicology Letters*, **2000**, 112-113, 219-25	4.4	119
61	Both the Environment and Genes Are Important for Concentrations of Cadmium and Lead in Blood. *Environmental Health Perspectives*, **2000**, 108, 719-722	8.4	42
60	Variation in Human Metabolism of Arsenic **1999**, 267-279		18
59	Methylation of inorganic arsenic in different mammalian species and population groups. *Science Progress*, **1999**, 82 (Pt 1), 69-88	1.1	274
58	Lead in plasma and whole blood from lead-exposed children. *Environmental Research*, **1999**, 80, 25-33	7.9	52
57	Lead exposure and hearing effects in children in Katowice, Poland. *Environmental Research*, **1999**, 80, 1-8	7.9	66

56	Variation in blood concentrations of cadmium and lead in the elderly. *Environmental Research*, **1999**, 80, 222-30	7.9	60
55	A method to compensate for incomplete 24-hour urine collections in nutritional epidemiology studies. *Public Health Nutrition*, **1999**, 2, 587-91	3.3	50
54	Interactions between essential and toxic elements in lead exposed children in Katowice, Poland. *Clinical Biochemistry*, **1998**, 31, 657-65	3.5	63
53	Cross-fostering study of methyl mercury retention, demethylation and excretion in the neonatal hamster. *Basic and Clinical Pharmacology and Toxicology*, **1998**, 82, 132-6		6
52	Low-level arsenic excretion in breast milk of native Andean women exposed to high levels of arsenic in the drinking water. *International Archives of Occupational and Environmental Health*, **1998**, 71, 42-6	3.2	96
51	Exposure to Inorganic Arsenic Metabolites during Early Human Development. *Toxicological Sciences*, **1998**, 44, 185-190	4.4	332
50	Validation with biological markers for food intake of a dietary assessment method used by Swedish women with three different dietary preferences. *Public Health Nutrition*, **1998**, 1, 199-206	3.3	34
49	Exposure to inorganic arsenic metabolites during early human development. *Toxicological Sciences*, **1998**, 44, 185-90	4.4	146
48	Inorganic mercury modifies Ca2+ signals, triggers apoptosis and potentiates NMDA toxicity in cerebellar granule neurons. *Cell Death and Differentiation*, **1997**, 4, 317-24	12.7	21
47	Extensive lead exposure in children living in an area with production of lead-glazed tiles in the Ecuadorian Andes. *International Archives of Occupational and Environmental Health*, **1997**, 70, 282-6	3.2	11
46	The semiconductor elements arsenic and indium induce apoptosis in rat thymocytes. *Toxicology*, **1997**, 118, 129-36	4.4	74
45	Chromosomal aberrations in peripheral blood lymphocytes from native Andean women and children from northwestern Argentina exposed to arsenic in drinking water. *Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure*, **1996**, 370, 151-8		79
44	Bioavailability of cadmium from shellfish and mixed diet in women. *Toxicology and Applied Pharmacology*, **1996**, 136, 332-41	4.6	107
43	A physiologically based pharmacokinetic model for arsenic exposure. II. Validation and application in humans. *Toxicology and Applied Pharmacology*, **1996**, 140, 471-86	4.6	79
42	A unique metabolism of inorganic arsenic in native Andean women. *European Journal of Pharmacology - Environmental Toxicology and Pharmacology Section*, **1995**, 293, 455-62		156
41	Metabolism of mercury in hamster pups administered a single dose of 203Hg-labeled methyl mercury. *Basic and Clinical Pharmacology and Toxicology*, **1995**, 76, 80-4		4
40	Transplacental and lactational exposure to mercury in hamster pups after maternal administration of methyl mercury in late gestation. *Basic and Clinical Pharmacology and Toxicology*, **1995**, 77, 130-5		18
39	Selenium concentrations in brain after exposure to methylmercury: relations between the inorganic mercury fraction and selenium. *Archives of Toxicology*, **1995**, 69, 228-34	5.8	35

38	Lactational exposure to methylmercury in the hamster. *Archives of Toxicology*, **1995**, 69, 235-41	5.8	12
37	Chapter 14 Arsenic. *Techniques and Instrumentation in Analytical Chemistry*, **1994**, 291-320		5
36	Demethylation and placental transfer of methyl mercury in the pregnant hamster. *Toxicology*, **1994**, 94, 131-42	4.4	39
35	Species differences in the metabolism of arsenic compounds. *Applied Organometallic Chemistry*, **1994**, 8, 175-182	3.1	191
34	Effect of methyl mercury exposure on the uptake of radiolabeled inorganic mercury in the brain of rabbits. *Basic and Clinical Pharmacology and Toxicology*, **1994**, 74, 158-61		1
33	Modifications of Ca2+ signaling by inorganic mercury in PC12 cells. *FASEB Journal*, **1993**, 7, 1507-14	0.9	56
32	Exposure to environmental tobacco smoke in the household and urinary cotinine excretion, heavy metals retention, and lung function. *Archives of Environmental Health*, **1992**, 47, 357-63		61
31	Modifications of cell signalling in the cytotoxicity of metals. *Basic and Clinical Pharmacology and Toxicology*, **1991**, 68, 424-9		29
30	Distribution of mercury in rabbits subchronically exposed to low levels of radiolabeled methyl mercury. *Basic and Clinical Pharmacology and Toxicology*, **1991**, 68, 464-8		15
29	Methods for integrated exposure monitoring of lead and cadmium. *Environmental Research*, **1991**, 56, 78-89	7.9	45
28	Determination of Human Exposure to Lead and Cadmium: A WHO/UNEP Pilot Study. *Chemical Speciation and Bioavailability*, **1991**, 3, 69-72		4
27	Personal monitoring of lead and cadmium exposure--a Swedish study with special reference to methodological aspects. *Scandinavian Journal of Work, Environment and Health*, **1991**, 17, 65-74	4.3	44
26	Metabolism of methylmercury in rabbits and hamsters. *Biological Trace Element Research*, **1989**, 21, 219-26	4.5	10
25	Intracellular distribution and chemical forms of arsenic in rabbits exposed to arsenate. *Biological Trace Element Research*, **1989**, 21, 233-9	4.5	19
24	Dissolution of Two Arsenic Compounds by Rabbit Alveolar Macrophages in Vitro. *Toxicological Sciences*, **1987**, 8, 382-388	4.4	
23	Effects of low dietary intake of methionine, choline or proteins on the biotransformation of arsenite in the rabbit. *Toxicology Letters*, **1987**, 37, 41-6	4.4	164
22	Solubility, retention, and metabolism of intratracheally and orally administered inorganic arsenic compounds in the hamster. *Environmental Research*, **1987**, 42, 72-82	7.9	55
21	Biotransformation of dimethylarsinic acid in mouse, hamster and man. *Journal of Applied Toxicology* , **1987**, 7, 111-7	4.1	126

20	Environmental and occupational exposure to inorganic arsenic. *Acta Pharmacologica Et Toxicologica* , **1986**, 59 Suppl 7, 31-4		22
19	Airborne arsenic and urinary excretion of metabolites of inorganic arsenic among smelter workers. *International Archives of Occupational and Environmental Health*, **1986**, 57, 79-91	3.2	64
18	Concentrations of arsenic in urine of the general population in Sweden. *Science of the Total Environment*, **1986**, 54, 1-12	10.2	52
17	Reduction and binding of arsenate in marmoset monkeys. *Archives of Toxicology*, **1985**, 57, 119-24	5.8	107
16	The role of the methylation in the detoxication of arsenate in the rabbit. *Chemico-Biological Interactions*, **1985**, 56, 225-38	5	115
15	Embryotoxicity of arsenite and arsenate: distribution in pregnant mice and monkeys and effects on embryonic cells in vitro. *Acta Pharmacologica Et Toxicologica*, **1984**, 54, 311-20		73
14	The effect of methyltransferase inhibition on the metabolism of [74As]arsenite in mice and rabbits. *Chemico-Biological Interactions*, **1984**, 50, 49-57	5	115
13	Tissue distribution and retention of 74As-dimethylarsinic acid in mice and rats. *Archives of Environmental Contamination and Toxicology*, **1984**, 13, 259-64	3.2	114
12	Metabolism of arsenocholine in mice, rats and rabbits. *Science of the Total Environment*, **1984**, 34, 223-40	10.2	71
11	Lead in petrol. *Lancet, The*, **1983**, 2, 220	40	3
10	Assessment of exposure to lead and cadmium through biological monitoring: results of a UNEP/WHO global study. *Environmental Research*, **1983**, 30, 95-128	7.9	160
9	In vivo reduction of arsenate in mice and rabbits. *Environmental Research*, **1983**, 32, 14-24	7.9	129
8	Metabolism of arsenobetaine in mice, rats and rabbits. *Science of the Total Environment*, **1983**, 30, 197-211	10.2	165
7	Intracellular interaction and metabolic fate of arsenite and arsenate in mice and rabbits. *Chemico-Biological Interactions*, **1983**, 47, 29-44	5	160
6	Metabolism of arsenic **1983**, 171-198		54
5	GSH release in bile as influenced by arsenite. *FEBS Letters*, **1982**, 145, 285-8	3.8	26
4	Tissue distribution and subcellular binding of arsenic in Marmoset monkeys after injection of 74As-Arsenite. *Archives of Toxicology*, **1982**, 51, 65-77	5.8	90
3	Biotransformation of trivalent and pentavalent inorganic arsenic in mice and rats. *Environmental Research*, **1981**, 25, 286-93	7.9	184

2	A rapid method for the selective analysis of total urinary metabolites of inorganic arsenic. *Scandinavian Journal of Work, Environment and Health*, **1981**, 7, 38-44	4.3	55
1	Metabolism of 74As-labeled trivalent and pentavalent inorganic arsenic in mice. *Environmental Research*, **1980**, 21, 446-57	7.9	151