

# Maria Kippler

## List of Publications by Year in descending order

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Version: 2024-02-01

61  
papers

2,700  
citations

159358

30  
h-index

189595

50  
g-index

62  
all docs

62  
docs citations

62  
times ranked

3365  
citing authors

#	ARTICLE	IF	CITATIONS
1	Maternal Cadmium Exposure during Pregnancy and Size at Birth: A Prospective Cohort Study. <i>Environmental Health Perspectives</i> , 2012, 120, 284-289.	2.8	191
2	Accumulation of cadmium in human placenta interacts with the transport of micronutrients to the fetus. <i>Toxicology Letters</i> , 2010, 192, 162-168.	0.4	180
3	Sex-specific effects of early life cadmium exposure on DNA methylation and implications for birth weight. <i>Epigenetics</i> , 2013, 8, 494-503.	1.3	178
4	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, 1462-1468.	2.8	167
5	Environmental exposure to arsenic and cadmium during pregnancy and fetal size: A longitudinal study in rural Bangladesh. <i>Reproductive Toxicology</i> , 2012, 34, 504-511.	1.3	102
6	Influence of iron and zinc status on cadmium accumulation in Bangladeshi women. <i>Toxicology and Applied Pharmacology</i> , 2007, 222, 221-226.	1.3	97
7	Arsenic Exposure and Cell-Mediated Immunity in Pre-School Children in Rural Bangladesh. <i>Toxicological Sciences</i> , 2014, 141, 166-175.	1.4	94
8	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.	2.8	93
9	Cadmium exposure and cognitive abilities and behavior at 10 years of age: A prospective cohort study. <i>Environment International</i> , 2018, 113, 259-268.	4.8	86
10	Alkali dilution of blood samples for high throughput ICP-MS analysis—comparison with acid digestion. <i>Clinical Biochemistry</i> , 2015, 48, 140-147.	0.8	70
11	Elevated childhood exposure to arsenic despite reduced drinking water concentrations—A longitudinal cohort study in rural Bangladesh. <i>Environment International</i> , 2016, 86, 119-125.	4.8	70
12	Cadmium interacts with the transport of essential micronutrients in the mammary gland—A study in rural Bangladeshi women. <i>Toxicology</i> , 2009, 257, 64-69.	2.0	66
13	Arsenic Metabolism in Children Differs From That in Adults. <i>Toxicological Sciences</i> , 2016, 152, 29-39.	1.4	63
14	Burden of cadmium in early childhood: Longitudinal assessment of urinary cadmium in rural Bangladesh. <i>Toxicology Letters</i> , 2010, 198, 20-25.	0.4	62
15	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.	2.5	55
16	Prenatal and childhood arsenic exposure through drinking water and food and cognitive abilities at 10 years of age: A prospective cohort study. <i>Environment International</i> , 2020, 139, 105723.	4.8	55
17	Kidney function and blood pressure in preschool-aged children exposed to cadmium and arsenic - potential alleviation by selenium. <i>Environmental Research</i> , 2015, 140, 205-213.	3.7	52
18	Early life low-level cadmium exposure is positively associated with increased oxidative stress. <i>Environmental Research</i> , 2012, 112, 164-170.	3.7	48

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19	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.	2.8	44
20	Humoral Immunity in Arsenic-Exposed Children in Rural Bangladesh: Total Immunoglobulins and Vaccine-Specific Antibodies. <i>Environmental Health Perspectives</i> , 2017, 125, 067006.	2.8	43
21	Selenium metabolism to the trimethylselenonium ion (TMSe) varies markedly because of polymorphisms in the indolethylamine N-methyltransferase gene. <i>American Journal of Clinical Nutrition</i> , 2015, 102, 1406-1415.	2.2	40
22	Early-Life Selenium Status and Cognitive Function at 5 and 10 Years of Age in Bangladeshi Children. <i>Environmental Health Perspectives</i> , 2017, 125, 117003.	2.8	40
23	Arsenic alters global histone modifications in lymphocytes in vitro and in vivo. <i>Cell Biology and Toxicology</i> , 2016, 32, 275-284.	2.4	38
24	Prenatal lead exposure and childhood blood pressure and kidney function. <i>Environmental Research</i> , 2016, 151, 628-634.	3.7	36
25	Common Polymorphisms in the Solute Carrier SLC30A10 are Associated With Blood Manganese and Neurological Function. <i>Toxicological Sciences</i> , 2016, 149, 473-483.	1.4	36
26	Maternal Urinary Iodine Concentration up to 1.0 mg/L Is Positively Associated with Birth Weight, Length, and Head Circumference of Male Offspring. <i>Journal of Nutrition</i> , 2014, 144, 1438-1444.	1.3	35
27	Early-Life Cadmium Exposure and Bone-Related Biomarkers: A Longitudinal Study in Children. <i>Environmental Health Perspectives</i> , 2019, 127, 37003.	2.8	35
28	Low-level maternal exposure to cadmium, lead, and mercury and birth outcomes in a Swedish prospective birth-cohort. <i>Environmental Pollution</i> , 2020, 265, 114986.	3.7	34
29	Prenatal metal mixtures and child blood pressure in the Rhea mother-child cohort in Greece. <i>Environmental Health</i> , 2021, 20, 1.	1.7	34
30	Prenatal arsenic exposure is associated with increased plasma IGFBP3 concentrations in 9-year-old children partly via changes in DNA methylation. <i>Archives of Toxicology</i> , 2018, 92, 2487-2500.	1.9	33
31	Effects of wheat-flour biscuits fortified with iron and EDTA, alone and in combination, on blood lead concentration, iron status, and cognition in children: a double-blind randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2016, 104, 1318-1326.	2.2	32
32	Blood Metal Levels and Amyotrophic Lateral Sclerosis Risk: A Prospective Cohort. <i>Annals of Neurology</i> , 2021, 89, 125-133.	2.8	29
33	Prenatal lead exposure is associated with decreased cord blood DNA methylation of the glycoprotein VI gene involved in platelet activation and thrombus formation. <i>Environmental Epigenetics</i> , 2015, 1, dvv007.	0.9	28
34	Associations of Prenatal Exposure to Cadmium With Child Growth, Obesity, and Cardiometabolic Traits. <i>American Journal of Epidemiology</i> , 2019, 188, 141-150.	1.6	28
35	Dry Generation of CeO <sub>2</sub> Nanoparticles and Deposition onto a Co-Culture of A549 and THP-1 Cells in Air-Liquid Interface—Dosimetry Considerations and Comparison to Submerged Exposure. <i>Nanomaterials</i> , 2020, 10, 618.	1.9	27
36	Manganese exposure through drinking water during pregnancy and size at birth: A prospective cohort study. <i>Reproductive Toxicology</i> , 2015, 53, 68-74.	1.3	25

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37	Nutritional impact on Immunological maturation during Childhood in relation to the Environment (NICE): a prospective birth cohort in northern Sweden. <i>BMJ Open</i> , 2018, 8, e022013.	0.8	24
38	Associations of Arsenic Exposure With Telomere Length and Naïve T Cells in Childhood—A Birth Cohort Study. <i>Toxicological Sciences</i> , 2018, 164, 539-549.	1.4	24
39	Urinary iodine concentrations of pregnant women in rural Bangladesh: A longitudinal study. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2014, 24, 504-509.	1.8	23
40	Methylmercury exposure and cognitive abilities and behavior at 10 years of age. <i>Environment International</i> , 2017, 102, 97-105.	4.8	23
41	Dietary exposure to polychlorinated biphenyls and risk of heart failure — A population-based prospective cohort study. <i>Environment International</i> , 2019, 126, 1-6.	4.8	23
42	A longitudinal study of rural Bangladeshi children with long-term arsenic and cadmium exposures and biomarkers of cardiometabolic diseases. <i>Environmental Pollution</i> , 2021, 271, 116333.	3.7	22
43	Associations of dietary polychlorinated biphenyls and long-chain omega-3 fatty acids with stroke risk. <i>Environment International</i> , 2016, 94, 706-711.	4.8	20
44	Dietary exposure to polychlorinated biphenyls and risk of breast, endometrial and ovarian cancer in a prospective cohort. <i>British Journal of Cancer</i> , 2016, 115, 1113-1121.	2.9	20
45	Fluoride in Drinking Water, Diet, and Urine in Relation to Bone Mineral Density and Fracture Incidence in Postmenopausal Women. <i>Environmental Health Perspectives</i> , 2021, 129, 47005.	2.8	20
46	Anthroposophic lifestyle influences the concentration of metals in placenta and cord blood. <i>Environmental Research</i> , 2015, 136, 88-96.	3.7	17
47	Thyroid hormones in relation to toxic metal exposure in pregnancy, and potential interactions with iodine and selenium. <i>Environment International</i> , 2021, 157, 106869.	4.8	15
48	Infant Iodine and Selenium Status in Relation to Maternal Status and Diet During Pregnancy and Lactation. <i>Frontiers in Nutrition</i> , 2021, 8, 733602.	1.6	15
49	Total mercury in hair as biomarker for methylmercury exposure among women in central Sweden—a 23 year long temporal trend study. <i>Environmental Pollution</i> , 2021, 268, 115712.	3.7	13
50	Environmental metal exposure and growth to 10 years of age in a longitudinal mother-child cohort in rural Bangladesh. <i>Environment International</i> , 2021, 156, 106738.	4.8	11
51	Maternal Micronutrient Supplementation and Long Term Health Impact in Children in Rural Bangladesh. <i>PLoS ONE</i> , 2016, 11, e0161294.	1.1	11
52	Long-term cadmium exposure and fractures, cardiovascular disease, and mortality in a prospective cohort of women. <i>Environment International</i> , 2022, 161, 107114.	4.8	11
53	Associations between Methylated Metabolites of Arsenic and Selenium in Urine of Pregnant Bangladeshi Women and Interactions between the Main Genes Involved. <i>Environmental Health Perspectives</i> , 2018, 126, 027001.	2.8	10
54	A cohort study of the association between prenatal arsenic exposure and age at menarche in a rural area, Bangladesh. <i>Environment International</i> , 2021, 154, 106562.	4.8	10

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55	Maternal characteristics and pregnancy outcomes in the NICE birth cohort: an assessment of self-selection bias. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2024, 35, 9014-9022.	0.7	10
56	Predictors of selenium biomarker kinetics in 4-9-year-old Bangladeshi children. <i>Environment International</i> , 2018, 121, 842-851.	4.8	9
57	Associations of exposure to cadmium, antimony, lead and their mixture with gestational thyroid homeostasis. <i>Environmental Pollution</i> , 2021, 289, 117905.	3.7	7
58	Maternal exposure to cadmium during pregnancy is associated with changes in DNA methylation that are persistent at 9 years of age. <i>Environment International</i> , 2022, 163, 107188.	4.8	7
59	Gestational and childhood urinary iodine concentrations and children's cognitive function in a longitudinal mother-child cohort in rural Bangladesh. <i>International Journal of Epidemiology</i> , 2023, 52, 144-155.	0.9	5
60	Assessment of Joint Impact of Iodine, Selenium, and Zinc Status on Women's Third-Trimester Plasma Thyroid Hormone Concentrations. <i>Journal of Nutrition</i> , 2022, 152, 1737-1746.	1.3	4
61	Prenatal Metal Mixtures and Child Blood Pressure in the Rhea Mother-Child Cohort. <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	0