Molly L Kile

List of Publications by Year
in descending order

81 papers	3,420 citations	126907 33 h-index	149698 56 g-index
82 all docs	82 docs citations	82 times ranked	5179 citing authors

#	Article	IF	Citations
1	The Joint Effect of Prenatal Exposure to Metal Mixtures on Neurodevelopmental Outcomes at 20–40 Months of Age: Evidence from Rural Bangladesh. Environmental Health Perspectives, 2017, 125, 067015.	6.0	223
2	Reference-free deconvolution of DNA methylation data and mediation by cell composition effects. BMC Bioinformatics, 2016, 17, 259.	2.6	202
3	Dietary Arsenic Exposure in Bangladesh. Environmental Health Perspectives, 2007, 115, 889-893.	6.0	160
4	Prenatal Arsenic Exposure and DNA Methylation in Maternal and Umbilical Cord Blood Leukocytes. Environmental Health Perspectives, 2012, 120, 1061-1066.	6.0	140
5	Effect of prenatal arsenic exposure on DNA methylation and leukocyte subpopulations in cord blood. Epigenetics, 2014, 9, 774-782.	2.7	140
6	Association between heavy metals and antibiotic-resistant human pathogens in environmental reservoirs: A review. Frontiers of Environmental Science and Engineering, 2019, 13, 1.	6.0	123
7	Differential DNA methylation in umbilical cord blood of infants exposed to mercury and arsenic *in utero*. Epigenetics, 2015, 10, 508-515.	2.7	111
8	Neurodevelopmental outcomes among 2- to 3-year-old children in Bangladesh with elevated blood lead and exposure to arsenic and manganese in drinking water. Environmental Health, 2016, 15, 44.	4.0	102
9	Maternal Arsenic Exposure Associated With Low Birth Weight in Bangladesh. Journal of Occupational and Environmental Medicine, 2007, 49, 1097-1104.	1.7	101
10	Completing the Link between Exposure Science and Toxicology for Improved Environmental Health Decision Making: The Aggregate Exposure Pathway Framework. Environmental Science & Technology, 2016, 50, 4579-4586.	10.0	96
11	Association of Low to Moderate Levels of Arsenic Exposure With Risk of Type 2 Diabetes in Bangladesh. American Journal of Epidemiology, 2013, 178, 1563-1570.	3.4	92
12	Variability in Biomarkers of Arsenic Exposure and Metabolism in Adults over Time. Environmental Health Perspectives, 2009, 117, 455-460.	6.0	90
13	Using silicone wristbands to evaluate preschool children's exposure to flame retardants. Environmental Research, 2016, 147, 365-372.	7.5	89
14	Cross-sectional study of social behaviors in preschool children and exposure to flame retardants. Environmental Health, 2017, 16, 23.	4.0	77
15	Correlation of Global and Gene-Specific DNA Methylation in Maternal-Infant Pairs. PLoS ONE, 2010, 5, e13730.	2.5	68
16	A panel study of occupational exposure to fine particulate matter and changes in DNA methylation over a single workday and years worked in boilermaker welders. Environmental Health, 2013, 12, 47.	4.0	64
17	A Pathway-based Analysis of Urinary Arsenic Metabolites and Skin Lesions. American Journal of Epidemiology, 2011, 173, 778-786.	3.4	63
18	Modeling spatial effects of PM2.5 on term low birth weight in Los Angeles County. Environmental Research, 2015, 142, 354-364.	7.5	60

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19	Metabolism and excretion rates of parent and hydroxy-PAHs in urine collected after consumption of traditionally smoked salmon for Native American volunteers. Science of the Total Environment, 2015, 514, 170-177.	8.0	59
20	Toenail Arsenic Concentrations, GSTT1 Gene Polymorphisms, and Arsenic Exposure from Drinking Water. Cancer Epidemiology Biomarkers and Prevention, 2005, 14, 2419-2426.	2.5	57
21	In<i>utero</i>arsenic exposure and epigenome-wide associations in placenta, umbilical artery, and human umbilical vein endothelial cells. Epigenetics, 2015, 10, 1054-1063.	2.7	56
22	Discovery of common chemical exposures across three continents using silicone wristbands. Royal Society Open Science, 2019, 6, 181836.	2.4	56
23	Estimating effects of arsenic exposure during pregnancy on perinatal outcomes in a Bangladeshi cohort. Epidemiology, 2015, 27, 1.	2.7	56
24	Determination of parent and hydroxy PAHs in personal PM2.5 and urine samples collected during Native American fish smoking activities. Science of the Total Environment, 2015, 505, 694-703.	8.0	48
25	Epigenome–wide DNA methylation changes with development of arsenic–induced skin lesions in Bangladesh: A case–control follow–up study. Environmental and Molecular Mutagenesis, 2014, 55, 449-456.	2.2	47
26	Maternal–infant biomarkers of prenatal exposure to arsenic and manganese. Journal of Exposure Science and Environmental Epidemiology, 2015, 25, 639-648.	3.9	47
27	Arsenic Reduction in Drinking Water and Improvement in Skin Lesions: A Follow-Up Study in Bangladesh. Environmental Health Perspectives, 2012, 120, 1733-1738.	6.0	46
28	Contaminated Turmeric Is a Potential Source of Lead Exposure for Children in Rural Bangladesh. Journal of Environmental and Public Health, 2014, 2014, 1-5.	0.9	46
29	A prospective cohort study of the association between drinking water arsenic exposure and self-reported maternal health symptoms during pregnancy in Bangladesh. Environmental Health, 2014, 13, 29.	4.0	45
30	Association between total ingested arsenic and toenail arsenic concentrations. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2007, 42, 1827-1834.	1.7	41
31	Arsenic exposure and intestinal microbiota in children from Sirajdikhan, Bangladesh. PLoS ONE, 2017, 12, e0188487.	2.5	41
32	Can folate intake reduce arsenic toxicity?. Nutrition Reviews, 2008, 66, 349-353.	5.8	37
33	Regional and temporal trends in blood mercury concentrations and fish consumption in women of child bearing Age in the united states using NHANES data from 1999–2010. Environmental Health, 2017, 16, 10.	4.0	37
34	Relations of Preschoolers' Visual-Motor and Object Manipulation Skills With Executive Function and Social Behavior. Research Quarterly for Exercise and Sport, 2016, 87, 396-407.	1.4	36
35	Prenatal arsenic exposure, child marriage, and pregnancy weight gain: Associations with preterm birth in Bangladesh. Environment International, 2018, 112, 23-32.	10.0	36
36	Fecal Colonization With Multidrug-Resistant E. coli Among Healthy Infants in Rural Bangladesh. Frontiers in Microbiology, 2019, 10, 640.	3.5	36

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37	Investigating causal relation between prenatal arsenic exposure and birthweight: Are smaller infants more susceptible?. Environment International, 2017, 108, 32-40.	10.0	34
38	Inverse association between toenail arsenic and body mass index in a population of welders. Environmental Research, 2014, 131, 131-133.	7.5	31
39	Validation of a Dish-Based Semiquantitative Food Questionnaire in Rural Bangladesh. Nutrients, 2017, 9, 49.	4.1	31
40	Arsenic Drinking Water Violations Decreased across the United States Following Revision of the Maximum Contaminant Level. Environmental Science & Technology, 2019, 53, 11478-11485.	10.0	26
41	A Case Study Describing a Community-Engaged Approach for Evaluating Polycyclic Aromatic Hydrocarbon Exposure in a Native American Community. International Journal of Environmental Research and Public Health, 2019, 16, 327.	2.6	26
42	A cross sectional study of anemia and iron deficiency as risk factors for arsenic-induced skin lesions in Bangladeshi women. BMC Public Health, 2016, 16, 158.	2.9	25
43	Umbilical Cord Blood Metal Mixtures and Birth Size in Bangladeshi Children. Environmental Health Perspectives, 2021, 129, 57006.	6.0	25
44	Trends in urinary arsenic among the U.S. population by drinking water source: Results from the National Health and Nutritional Examinations Survey 2003â€"2014. Environmental Research, 2018, 162, 8-17.	7.5	23
45	Arsenic Exposure and Prevalence of the Varicella Zoster Virus in the United States: NHANES (2003â€"2004 and 2009â€"2010). Environmental Health Perspectives, 2015, 123, 590-596.	6.0	22
46	DNA methylation in cord blood as mediator of the association between prenatal arsenic exposure and gestational age. Epigenetics, 2018, 13, 923-940.	2.7	22
47	Associations between Residential Proximity to Oil and Gas Drilling and Term Birth Weight and Small-for-Gestational-Age Infants in Texas: A Difference-in-Differences Analysis. Environmental Health Perspectives, 2021, 129, 77002.	6.0	21
48	Genome-wide gene by lead exposure interaction analysis identifies UNC5D as a candidate gene for neurodevelopment. Environmental Health, 2017, 16, 81.	4.0	20
49	Gender-Specific Protective Effect of Hemoglobin on Arsenic-Induced Skin Lesions. Cancer Epidemiology Biomarkers and Prevention, 2006, 15, 902-907.	2.5	19
50	Arsenic exposure and serum antibody concentrations to diphtheria and tetanus toxoid in children at age 5: A prospective birth cohort in Bangladesh. Environment International, 2019, 127, 810-818.	10.0	19
51	Trends in urinary metabolites of polycyclic aromatic hydrocarbons (PAHs) in the non-smoking U.S. population, NHANES 2001â€"2014. Chemosphere, 2021, 276, 130211.	8.2	19
52	A cross-sectional study of the association between ventilation of gas stoves and chronic respiratory illness in U.S. children enrolled in NHANESIII. Environmental Health, 2014, 13, 71.	4.0	17
53	Cord blood DNA methylation of DNMT3A mediates the association between in utero arsenic exposure and birth outcomes: Results from a prospective birth cohort in Bangladesh. Environmental Research, 2020, 183, 109134.	7.5	15
54	Evaluating the effects between metal mixtures and serum vaccine antibody concentrations in children: a prospective birth cohort study. Environmental Health, 2020, 19, 41.	4.0	15

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55	Cross sectional association of arsenic and seroprevalence of hepatitis B infection in the United States (NHANES 2003–2014). Environmental Research, 2018, 166, 570-576.	7.5	14
56	A Prospective Cohort Study Examining the Associations of Maternal Arsenic Exposure With Fetal Loss and Neonatal Mortality. American Journal of Epidemiology, 2019, 188, 347-354.	3.4	14
57	Developing a Smartphone Software Package for Predicting Atmospheric Pollutant Concentrations at Mobile Locations. Computer Journal, 2015, 58, 1431-1442.	2.4	13
58	Associations between Diet and Toenail Arsenic Concentration among Pregnant Women in Bangladesh: A Prospective Study. Nutrients, 2017, 9, 420.	4.1	11
59	Development and Validation of an Environmental Health Literacy Assessment Screening Tool for Domestic Well Owners: The Water Environmental Literacy Level Scale (WELLS). International Journal of Environmental Research and Public Health, 2019, 16, 881.	2.6	11
60	Impact of local and regional sources of PAHs on tribal reservation air quality in the U.S. Pacific Northwest. Science of the Total Environment, 2020, 710, 136412.	8.0	11
61	Perceptions of the Environment and Health Among Members of the Confederated Tribes of the Umatilla Indian Reservation. Environmental Justice, 2013, 6, 115-120.	1.5	10
62	A distinct and replicable variant of the squamous cell carcinoma gene inositol polyphosphate–5–phosphatase modifies the susceptibility of arsenic–associated skin lesions in Bangladesh. Cancer, 2015, 121, 2222-2229.	4.1	10
63	A prospective cohort study of in utero and early childhood arsenic exposure and infectious disease in 4- to 5-year-old Bangladeshi children. Environmental Epidemiology, 2020, 4, e086.	3.0	10
64	A passive sampling model to predict PAHs in butter clams (Saxidomus giganteus), a traditional food source for Native American tribes of the Salish Sea Region. Marine Pollution Bulletin, 2019, 145, 28-35.	5.0	8
65	Assessing the effectiveness of vehicle emission regulations on improving perinatal health: a population-based accountability study. International Journal of Epidemiology, 2021, 49, 1781-1791.	1.9	7
66	Associations between residential proximity to oil and gas extraction and hypertensive conditions during pregnancy: a difference-in-differences analysis in Texas, 1996–2009. International Journal of Epidemiology, 2022, 51, 525-536.	1.9	7
67	Cross-Sectional Study of Polybrominated Flame Retardants and Self-Reported Attention Deficit Hyperactivity Disorder in US Youth Aged 12–15 (NHANES 2003-2004). Journal of Environmental and Public Health, 2016, 2016, 1-10.	0.9	6
68	Identification of novel loci associated with infant cognitive ability. Molecular Psychiatry, 2020, 25, 3010-3019.	7.9	6
69	Urinary polycyclic aromatic hydrocarbons concentrations and hepatitis B antibody serology in the United States (NHANES, 2003–2014). Environmental Research, 2021, 195, 110801.	7.5	6
70	A cross sectional analysis of behaviors related to operating gas stoves and pneumonia in U.S. children under the age of 5. BMC Public Health, 2015, 15, 77.	2.9	5
71	Communicating Results of a Dietary Exposure Study Following Consumption of Traditionally Smoked Salmon. Environmental Justice, 2016, 9, 85-92.	1.5	5
72	Prenatal PBDE Exposure and Neurodevelopment in Children 7 Years Old or Younger: a Systematic Review and Meta-analysis. Current Epidemiology Reports, 2018, 5, 46-59.	2.4	5

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73	Mediating role of arsenic in the relationship between diet and pregnancy outcomes: prospective birth cohort in Bangladesh. Environmental Health, 2019, 18, 10.	4.0	5
74	Influence of GSTT1 Genetic Polymorphisms on Arsenic Metabolism. Journal of the Indian Society of Agricultural Statistics, 2013, 67, 197-207.	1.0	5
75	Developing a Short Assessment of Environmental Health Literacy (SA-EHL). International Journal of Environmental Research and Public Health, 2022, 19, 2062.	2.6	3
76	Household use of crop residues and fuelwood for cooking and newborn birth size in rural Bangladesh. Occupational and Environmental Medicine, 2022, 79, 333-338.	2.8	3
77	Arsenic and Developmental Toxicity and Reproductive Disorders. , 2015, , 521-532.		2
78	Expanding on Successful Concepts, Models, and Organization. Environmental Science & Technology, 2016, 50, 8921-8922.	10.0	1
79	A prospective study of arsenic and manganese exposures and maternal blood pressure during gestation. Environmental Research, 2022, 214, 113845.	7.5	1
80	A Prospective Study of Arsenic and Manganese Exposure and Maternal Blood Pressure During Gestation. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
81	Household Use of Cooking Biomass Fuels and Adverse Birth Outcomes in Rural Bangladeshi Children. ISEE Conference Abstracts, 2021, 2021, .	0.0	0