

# Mary V Gamble

## List of Publications by Year in descending order

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Version: 2024-02-01

68  
papers

3,476  
citations

147566

31  
h-index

138251

58  
g-index

69  
all docs

69  
docs citations

69  
times ranked

3119  
citing authors

#	ARTICLE	IF	CITATIONS
1	Arsenic exposure and human blood DNA methylation and hydroxymethylation profiles in two diverse populations from Bangladesh and Spain. <i>Environmental Research</i> , 2022, 204, 112021.	3.7	6
2	Mixed metals exposure and cognitive function in Bangladeshi adolescents. <i>Ecotoxicology and Environmental Safety</i> , 2022, 232, 113229.	2.9	7
3	107 Environmental Exposure to Metals Mixtures and the Outcome of Cognitive Function in Adolescents. <i>Journal of Clinical and Translational Science</i> , 2022, 6, 2-2.	0.3	0
4	Urine Dilution Correction Methods Utilizing Urine Creatinine or Specific Gravity in Arsenic Analyses: Comparisons to Blood and Water Arsenic in the FACT and FOX Studies in Bangladesh. <i>Water (Switzerland)</i> , 2022, 14, 1477.	1.2	9
5	Maternal serum concentrations of one-carbon metabolism factors modify the association between biomarkers of arsenic methylation efficiency and birth weight. <i>Environmental Health</i> , 2022, 21, .	1.7	2
6	Betaine and choline status modify the effects of folic acid and creatine supplementation on arsenic methylation in a randomized controlled trial of Bangladeshi adults. <i>European Journal of Nutrition</i> , 2021, 60, 1921-1934.	1.8	9
7	Association between body mass index and arsenic methylation in three studies of Bangladeshi adults and adolescents. <i>Environment International</i> , 2021, 149, 106401.	4.8	21
8	Nutrition, one-carbon metabolism and arsenic methylation in Bangladeshi adolescents. <i>Environmental Research</i> , 2021, 195, 110750.	3.7	5
9	Nutrition, one-carbon metabolism and arsenic methylation. <i>Toxicology</i> , 2021, 457, 152803.	2.0	29
10	Exposure to arsenic at different life-stages and DNA methylation meta-analysis in buccal cells and leukocytes. <i>Environmental Health</i> , 2021, 20, 79.	1.7	14
11	Mixed Metals Exposure and Cognitive Function in Bangladeshi Adolescents. <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	0
12	Effects of Folate and Vitamin B12 Nutritional Status on Cognitive Function in Bangladeshi Adolescents. <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	0
13	Nutritional modulation of fetal susceptibility to iAs-associated gene expression underlying oxidative stress and inflammation in cord blood. <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	0
14	Assessing the impact of arsenic metabolism efficiency on DNA methylation using Mendelian randomization. <i>Environmental Epidemiology</i> , 2020, 4, e083.	1.4	4
15	Locus-Specific Differential DNA Methylation and Urinary Arsenic: An Epigenome-Wide Association Study in Blood among Adults with Low-to-Moderate Arsenic Exposure. <i>Environmental Health Perspectives</i> , 2020, 128, 67015.	2.8	23
16	A missense variant in FTCD is associated with arsenic metabolism and toxicity phenotypes in Bangladesh. <i>PLoS Genetics</i> , 2019, 15, e1007984.	1.5	19
17	Early-Life Arsenic Exposure, Nutritional Status, and Adult Diabetes Risk. <i>Current Diabetes Reports</i> , 2019, 19, 147.	1.7	33
18	Folic acid supplementation enhances arsenic methylation: results from a folic acid and creatine supplementation randomized controlled trial in Bangladesh. <i>American Journal of Clinical Nutrition</i> , 2019, 109, 380-391.	2.2	39

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19	Targeted metabolomics to understand the association between arsenic metabolism and diabetes-related outcomes: Preliminary evidence from the Strong Heart Family Study. <i>Environmental Research</i> , 2019, 168, 146-157.	3.7	19
20	The role of nutrition in influencing mechanisms involved in environmentally mediated diseases. <i>Reviews on Environmental Health</i> , 2018, 33, 87-97.	1.1	35
21	The Association of Arsenic Exposure and Arsenic Metabolism With the Metabolic Syndrome and Its Individual Components: Prospective Evidence From the Strong Heart Family Study. <i>American Journal of Epidemiology</i> , 2018, 187, 1598-1612.	1.6	68
22	Serum homocysteine, arsenic methylation, and arsenic-induced skin lesion incidence in Bangladesh: A one-carbon metabolism candidate gene study. <i>Environment International</i> , 2018, 113, 133-142.	4.8	29
23	Arsenic, one carbon metabolism and diabetes-related outcomes in the Strong Heart Family Study. <i>Environment International</i> , 2018, 121, 728-740.	4.8	30
24	Nutritional Influences on One-Carbon Metabolism: Effects on Arsenic Methylation and Toxicity. <i>Annual Review of Nutrition</i> , 2018, 38, 401-429.	4.3	61
25	Maternal one carbon metabolism and arsenic methylation in a pregnancy cohort in Mexico. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2018, 28, 505-514.	1.8	19
26	Arsenic metabolism and one-carbon metabolism at low-moderate arsenic exposure: Evidence from the Strong Heart Study. <i>Food and Chemical Toxicology</i> , 2017, 105, 387-397.	1.8	36
27	Global Level of Plasma DNA Methylation is Associated with Overall Survival in Patients with Hepatocellular Carcinoma. <i>Annals of Surgical Oncology</i> , 2017, 24, 3788-3795.	0.7	19
28	Sex-Specific Associations between One-Carbon Metabolism Indices and Posttranslational Histone Modifications in Arsenic-Exposed Bangladeshi Adults. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2017, 26, 261-269.	1.1	17
29	Associations between Blood and Urine Arsenic Concentrations and Global Levels of Post-Translational Histone Modifications in Bangladeshi Men and Women. <i>Environmental Health Perspectives</i> , 2016, 124, 1234-1240.	2.8	34
30	Provision of well-water treatment units to 600 households in Bangladesh: A longitudinal analysis of urinary arsenic indicates fading utility. <i>Science of the Total Environment</i> , 2016, 563-564, 131-137.	3.9	13
31	Supplementation with Folic Acid, but Not Creatine, Increases Plasma Betaine, Decreases Plasma Dimethylglycine, and Prevents a Decrease in Plasma Choline in Arsenic-Exposed Bangladeshi Adults. <i>Journal of Nutrition</i> , 2016, 146, 1062-1067.	1.3	14
32	Influence of Arsenic on Global Levels of Histone Posttranslational Modifications: a Review of the Literature and Challenges in the Field. <i>Current Environmental Health Reports</i> , 2016, 3, 225-237.	3.2	51
33	Determinants and Consequences of Arsenic Metabolism Efficiency among 4,794 Individuals: Demographics, Lifestyle, Genetics, and Toxicity. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2016, 25, 381-390.	1.1	67
34	Mathematical analysis of the regulation of competing methyltransferases. <i>BMC Systems Biology</i> , 2015, 9, 69.	3.0	21
35	Folic Acid and Creatine as Therapeutic Approaches to Lower Blood Arsenic: A Randomized Controlled Trial. <i>Environmental Health Perspectives</i> , 2015, 123, 1294-1301.	2.8	76
36	Enzymatic cleavage of histone H3: a new consideration when measuring histone modifications in human samples. <i>Clinical Epigenetics</i> , 2015, 7, 7.	1.8	19

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37	Gene-Specific Differential DNA Methylation and Chronic Arsenic Exposure in an Epigenome-Wide Association Study of Adults in Bangladesh. <i>Environmental Health Perspectives</i> , 2015, 123, 64-71.	2.8	69
38	Sex-specific patterns and deregulation of endocrine pathways in the gene expression profiles of Bangladeshi adults exposed to arsenic contaminated drinking water. <i>Toxicology and Applied Pharmacology</i> , 2015, 284, 330-338.	1.3	24
39	Arsenic exposure, inflammation, and renal function in Bangladeshi adults: effect modification by plasma glutathione redox potential. <i>Free Radical Biology and Medicine</i> , 2015, 85, 174-182.	1.3	26
40	Renal function is associated with indicators of arsenic methylation capacity in Bangladeshi adults. <i>Environmental Research</i> , 2015, 143, 123-130.	3.7	48
41	Low-Dose Creatine Supplementation Lowers Plasma Guanidinoacetate, but Not Plasma Homocysteine, in a Double-Blind, Randomized, Placebo-Controlled Trial. <i>Journal of Nutrition</i> , 2015, 145, 2245-2252.	1.3	19
42	Sex-Specific Associations of Arsenic Exposure with Global DNA Methylation and Hydroxymethylation in Leukocytes: Results from Two Studies in Bangladesh. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2015, 24, 1748-1757.	1.1	37
43	Folate and Cobalamin Modify Associations between S-adenosylmethionine and Methylated Arsenic Metabolites in Arsenic-Exposed Bangladeshi Adults. <i>Journal of Nutrition</i> , 2014, 144, 690-697.	1.3	55
44	A Dose-Response Study of Arsenic Exposure and Markers of Oxidative Damage in Bangladesh. <i>Journal of Occupational and Environmental Medicine</i> , 2014, 56, 652-658.	0.9	15
45	Interaction of plasma glutathione redox and folate deficiency on arsenic methylation capacity in Bangladeshi adults. <i>Free Radical Biology and Medicine</i> , 2014, 73, 67-74.	1.3	22
46	Mathematical modeling of the effects of glutathione on arsenic methylation. <i>Theoretical Biology and Medical Modelling</i> , 2014, 11, 20.	2.1	15
47	Creatinine, Arsenic Metabolism, and Renal Function in an Arsenic-Exposed Population in Bangladesh. <i>PLoS ONE</i> , 2014, 9, e113760.	1.1	38
48	Batch Effects and Pathway Analysis: Two Potential Perils in Cancer Studies Involving DNA Methylation Array Analysis. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2013, 22, 1052-1060.	1.1	78
49	Chronic Arsenic Exposure and Blood Glutathione and Glutathione Disulfide Concentrations in Bangladeshi Adults. <i>Environmental Health Perspectives</i> , 2013, 121, 1068-1074.	2.8	66
50	A Dose-Response Study of Arsenic Exposure and Global Methylation of Peripheral Blood Mononuclear Cell DNA in Bangladeshi Adults. <i>Environmental Health Perspectives</i> , 2013, 121, 1306-1312.	2.8	51
51	Arsenic metabolism efficiency has a causal role in arsenic toxicity: Mendelian randomization and gene-environment interaction. <i>International Journal of Epidemiology</i> , 2013, 42, 1862-1872.	0.9	89
52	Relationship of Creatinine and Nutrition with Arsenic Metabolism. <i>Environmental Health Perspectives</i> , 2012, 120, A145-6.	2.8	14
53	Associations between Arsenic Exposure and Global Posttranslational Histone Modifications among Adults in Bangladesh. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2012, 21, 2252-2260.	1.1	113
54	Influence of Prenatal Arsenic Exposure and Newborn Sex on Global Methylation of Cord Blood DNA. <i>PLoS ONE</i> , 2012, 7, e37147.	1.1	143

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55	Nutritional Manipulation of One-Carbon Metabolism: Effects on Arsenic Methylation and Toxicity. <i>Journal of Toxicology</i> , 2012, 2012, 1-11.	1.4	75
56	Mathematical model insights into arsenic detoxification. <i>Theoretical Biology and Medical Modelling</i> , 2011, 8, 31.	2.1	18
57	Folate, Cobalamin, Cysteine, Homocysteine, and Arsenic Metabolism among Children in Bangladesh. <i>Environmental Health Perspectives</i> , 2009, 117, 825-831.	2.8	79
58	Folate Deficiency, Hyperhomocysteinemia, Low Urinary Creatinine, and Hypomethylation of Leukocyte DNA Are Risk Factors for Arsenic-Induced Skin Lesions. <i>Environmental Health Perspectives</i> , 2009, 117, 254-260.	2.8	138
59	Influence of Cobalamin on Arsenic Metabolism in Bangladesh. <i>Environmental Health Perspectives</i> , 2009, 117, 1724-1729.	2.8	29
60	Arsenic Metabolism, Genetic Susceptibility, and Risk of Premalignant Skin Lesions in Bangladesh. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2007, 16, 1270-1278.	1.1	187
61	Genomic methylation of peripheral blood leukocyte DNA: influences of arsenic and folate in Bangladeshi adults. <i>American Journal of Clinical Nutrition</i> , 2007, 86, 1179-1186.	2.2	184
62	Folic acid supplementation lowers blood arsenic. <i>American Journal of Clinical Nutrition</i> , 2007, 86, 1202-1209.	2.2	182
63	Determinants of Arsenic Metabolism: Blood Arsenic Metabolites, Plasma Folate, Cobalamin, and Homocysteine Concentrations in Maternal-Newborn Pairs. <i>Environmental Health Perspectives</i> , 2007, 115, 1503-1509.	2.8	158
64	Consumption of folate-related nutrients and metabolism of arsenic in Bangladesh. <i>American Journal of Clinical Nutrition</i> , 2007, 85, 1367-1374.	2.2	119
65	Folate and arsenic metabolism: a double-blind, placebo-controlled folic acid supplementation trial in Bangladesh. <i>American Journal of Clinical Nutrition</i> , 2006, 84, 1093-1101.	2.2	209
66	Folate and cobalamin deficiencies and hyperhomocysteinemia in Bangladesh. <i>American Journal of Clinical Nutrition</i> , 2005, 81, 1372-1377.	2.2	89
67	Folate, Homocysteine, and Arsenic Metabolism in Arsenic-Exposed Individuals in Bangladesh. <i>Environmental Health Perspectives</i> , 2005, 113, 1683-1688.	2.8	236
68	Carotenoid status among preschool children with vitamin A deficiency in the Republic of the Marshall Islands. <i>Asia Pacific Journal of Clinical Nutrition</i> , 2004, 13, 336-40.	0.3	3