Karin EngstrÃ¶m

List of Publications by Year
in descending order

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32	1,150	279798	434195
papers	citations	23 h-index	31 g-index

32	32	32	1641
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Polymorphisms in Arsenic(+III Oxidation State) Methyltransferase (AS3MT) Predict Gene Expression of AS3MT as Well as Arsenic Metabolism. Environmental Health Perspectives, 2011, 119, 182-188.	6.0	156
2	Human Adaptation to Arsenic-Rich Environments. Molecular Biology and Evolution, 2015, 32, 1544-1555.	8.9	113
3	Arsenic Exposure through Drinking Water Is Associated with Longer Telomeres in Peripheral Blood. Chemical Research in Toxicology, 2012, 25, 2333-2339.	3.3	79
4	Polymorphisms in Genes Encoding Potential Mercury Transporters and Urine Mercury Concentrations in Populations Exposed to Mercury Vapor from Gold Mining. Environmental Health Perspectives, 2013, 121, 85-91.	6.0	54
5	Possible Positive Selection for an Arsenic-Protective Haplotype in Humans. Environmental Health Perspectives, 2013, 121, 53-58.	6.0	44
6	Association between serum concentrations of perfluoroalkyl substances (PFAS) and expression of serum microRNAs in a cohort highly exposed to PFAS from drinking water. Environment International, 2020, 136, 105446.	10.0	44
7	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.	3.7	42
8	Serum perfluoroalkyl substances in residents following long-term drinking water contamination from firefighting foam in Ronneby, Sweden. Environment International, 2021, 147, 106333.	10.0	42
9	N-6-Adenine-Specific DNA Methyltransferase 1 (N6AMT1) Polymorphisms and Arsenic Methylation in Andean Women. Environmental Health Perspectives, 2013, 121, 797-803.	6.0	40
10	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, 1406-1415.	4.7	40
11	Association of Arsenic Exposure with Whole Blood DNA Methylation: An Epigenome-Wide Study of Bangladeshi Adults. Environmental Health Perspectives, 2019, 127, 57011.	6.0	40
12	Polymorphisms in ABC Transporter Genes and Concentrations of Mercury in Newborns â€“ Evidence from Two Mediterranean Birth Cohorts. PLoS ONE, 2014, 9, e97172.	2.5	39
13	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.	2.8	37
14	Genetic variation in FADS genes is associated with maternal long-chain PUFA status but not with cognitive development of infants in a high fish-eating observational study. Prostaglandins Leukotrienes and Essential Fatty Acids, 2015, 102-103, 13-20.	2.2	34
15	Maternal polymorphisms in glutathione-related genes are associated with maternal mercury concentrations and early child neurodevelopment in a population with a fish-rich diet. Environment International, 2018, 115, 142-149.	10.0	34
16	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.	4.2	33
17	Polymorphisms in ATP-binding cassette transporters associated with maternal methylmercury disposition and infant neurodevelopment in mother-infant pairs in the Seychelles Child Development Study. Environment International, 2016, 94, 224-229.	10.0	32
18	The effects of arsenic exposure on blood pressure and early risk markers of cardiovascular disease: Evidence for population differences. Environmental Research, 2015, 140, 32-36.	7.5	31

#	Article	IF	Citations
19	AS3MT-mediated tolerance to arsenic evolved by multiple independent horizontal gene transfers from bacteria to eukaryotes. PLoS ONE, 2017, 12, e0175422.	2.5	29
20	Pregnancy and the methyltransferase genotype independently influence the arsenic methylation phenotype. Pharmacogenetics and Genomics, 2012, 22, 508-516.	1.5	28
21	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.	1.8	28
22	Transcriptomics and methylomics of CD4-positive T cells in arsenic-exposed women. Archives of Toxicology, 2017, 91, 2067-2078.	4.2	26
23	CYP3A genes and the association between prenatal methylmercury exposure and neurodevelopment. Environment International, 2017, 105, 34-42.	10.0	24
24	Associations between serum concentrations of perfluoroalkyl substances and DNA methylation in women exposed through drinking water: A pilot study in Ronneby, Sweden. Environment International, 2020, 145, 106148.	10.0	21
25	Polymorphisms in potential mercury transporter ABCC2 and neurotoxic symptoms in populations exposed to mercury vapor from goldmining. Environmental Research, 2019, 176, 108512.	7.5	15
26	Perfluoroalkyl substances influence DNA methylation in school-age children highly exposed through drinking water contaminated from firefighting foam: a cohort study in Ronneby, Sweden. Environmental Epigenetics, 2022, 8, dvac004.	1.8	11
27	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.	6.0	10
28	Maternal exposure to cadmium during pregnancy is associated with changes in DNA methylation that are persistent at 9Âyears of age. Environment International, 2022, 163, 107188.	10.0	7
29	Early Pregnancy Exposure to Ambient Air Pollution among Late-Onset Preeclamptic Cases Is Associated with Placental DNA Hypomethylation of Specific Genes and Slower Placental Maturation. Toxics, 2021, 9, 338.	3.7	6
30	Maternal Long-Chain Polyunsaturated Fatty Acid Status, Methylmercury Exposure, and Birth Outcomes in a High-Fish-Eating Motherâ€“Child Cohort. Journal of Nutrition, 2020, 150, 1749-1756.	2.9	5
31	Gene-Environment Interactions for Metals. , 2015, , 239-264.		3
32	High in Utero Exposure to Perfluoroalkyl Substances from Drinking Water and Birth Weight: A Cohort Study among Infants in Ronneby, Sweden. International Journal of Environmental Research and Public Health, 2022, 19, 2385.	2.6	3