

# Karen Huen

## List of Publications by Year in descending order

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Version: 2024-02-01

59  
papers

3,767  
citations

136950

32  
h-index

138484

58  
g-index

62  
all docs

62  
docs citations

62  
times ranked

6319  
citing authors

#	ARTICLE	IF	CITATIONS
1	Meta-analysis of epigenome-wide associations between DNA methylation at birth and childhood cognitive skills. <i>Molecular Psychiatry</i> , 2022, 27, 2126-2135.	7.9	13
2	Meta-analysis of epigenome-wide association studies in newborns and children show widespread sex differences in blood DNA methylation. <i>Mutation Research - Reviews in Mutation Research</i> , 2022, 789, 108415.	5.5	24
3	Epigenome-wide association study and epigenetic age acceleration associated with cigarette smoking among Costa Rican adults. <i>Scientific Reports</i> , 2022, 12, 4277.	3.3	22
4	Comparison of DNA methylation measurements from EPIC BeadChip and SeqCap targeted bisulphite sequencing in PON1 and nine additional candidate genes. <i>Epigenetics</i> , 2022, 17, 1944-1955.	2.7	1
5	Prenatal Exposure to Mixtures of Phthalates, Parabens, and Other Phenols and Obesity in Five-Year-Olds in the CHAMACOS Cohort. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 1796.	2.6	30
6	Risk Factors Associated With SARS-CoV-2 Infection Among Farmworkers in Monterey County, California. <i>JAMA Network Open</i> , 2021, 4, e2124116.	5.9	25
7	DNA methylation and body mass index from birth to adolescence: meta-analyses of epigenome-wide association studies. <i>Genome Medicine</i> , 2020, 12, 105.	8.2	41
8	Epigenome-wide meta-analysis of blood DNA methylation in newborns and children identifies numerous loci related to gestational age. <i>Genome Medicine</i> , 2020, 12, 25.	8.2	81
9	Meta-analysis of epigenome-wide association studies in neonates reveals widespread differential DNA methylation associated with birthweight. <i>Nature Communications</i> , 2019, 10, 1893.	12.8	140
10	Pregnancy lipidomic profiles and DNA methylation in newborns from the CHAMACOS cohort. <i>Environmental Epigenetics</i> , 2019, 5, dvz004.	1.8	7
11	Age-Related Differences in miRNA Expression in Mexican-American Newborns and Children. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 524.	2.6	8
12	Early-Life Home Environment and Obesity in a Mexican American Birth Cohort: The CHAMACOS Study. <i>Psychosomatic Medicine</i> , 2019, 81, 209-219.	2.0	2
13	Cohort Profile: Pregnancy And Childhood Epigenetics (PACE) Consortium. <i>International Journal of Epidemiology</i> , 2018, 47, 22-23u.	1.9	105
14	Metabolomic Markers of Phthalate Exposure in Plasma and Urine of Pregnant Women. <i>Frontiers in Public Health</i> , 2018, 6, 298.	2.7	29
15	PON1 DNA methylation and neurobehavior in Mexican-American children with prenatal organophosphate exposure. <i>Environment International</i> , 2018, 121, 31-40.	10.0	21
16	DNA methylation of imprinted genes in Mexican-American newborn children with prenatal phthalate exposure. <i>Epigenomics</i> , 2018, 10, 1011-1026.	2.1	33
17	Comparison of DNA methylation measured by Illumina 450K and EPIC BeadChips in blood of newborns and 14-year-old children. <i>Epigenetics</i> , 2018, 13, 655-664.	2.7	65
18	DNA methylation and socioeconomic status in a Mexican-American birth cohort. <i>Clinical Epigenetics</i> , 2018, 10, 61.	4.1	26

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19	AHR gene-dioxin interactions and birthweight in the Seveso Second Generation Health Study. <i>International Journal of Epidemiology</i> , 2018, 47, 1992-2004.	1.9	8
20	Association of prenatal urinary phthalate metabolite concentrations and childhood BMI and obesity. <i>Pediatric Research</i> , 2017, 82, 405-415.	2.3	129
21	In utero and childhood DDT, DDE, PBDE and PCBs exposure and sex hormones in adolescent boys: The CHAMACOS study. <i>International Journal of Hygiene and Environmental Health</i> , 2017, 220, 364-372.	4.3	58
22	Prenatal phthalate exposure and altered patterns of DNA methylation in cord blood. <i>Environmental and Molecular Mutagenesis</i> , 2017, 58, 398-410.	2.2	71
23	Maternal BMI at the start of pregnancy and offspring epigenome-wide DNA methylation: findings from the pregnancy and childhood epigenetics (PACE) consortium. <i>Human Molecular Genetics</i> , 2017, 26, 4067-4085.	2.9	211
24	CpG Methylation across the adipogenic PPAR $\beta$ gene and its relationship with birthweight and child BMI at 9 years. <i>BMC Medical Genetics</i> , 2017, 18, 7.	2.1	13
25	Genome-wide methylation data mirror ancestry information. <i>Epigenetics and Chromatin</i> , 2017, 10, 1.	3.9	120
26	Urinary Phthalate Metabolites and Biomarkers of Oxidative Stress in a Mexican-American Cohort: Variability in Early and Late Pregnancy. <i>Toxics</i> , 2016, 4, 7.	3.7	57
27	DNA Methylation in Newborns and Maternal Smoking in Pregnancy: Genome-wide Consortium Meta-analysis. <i>American Journal of Human Genetics</i> , 2016, 98, 680-696.	6.2	717
28	Maternal phthalate exposure during pregnancy is associated with DNA methylation of LINE-1 and Alu repetitive elements in Mexican-American children. <i>Environmental Research</i> , 2016, 148, 55-62.	7.5	49
29	Vitamin C intervention may lower the levels of persistent organic pollutants in blood of healthy women – A pilot study. <i>Food and Chemical Toxicology</i> , 2016, 92, 197-204.	3.6	15
30	miRNAs differentially expressed by next-generation sequencing in cord blood buffy coat samples of boys and girls. <i>Epigenomics</i> , 2016, 8, 1619-1635.	2.1	16
31	DNA methylation of LINE-1 and Alu repetitive elements in relation to sex hormones and pubertal timing in Mexican-American children. <i>Pediatric Research</i> , 2016, 79, 855-862.	2.3	15
32	Sex differences in DNA methylation assessed by 450K BeadChip in newborns. <i>BMC Genomics</i> , 2015, 16, 911.	2.8	155
33	Estimation of blood cellular heterogeneity in newborns and children for epigenome-wide association studies. <i>Environmental and Molecular Mutagenesis</i> , 2015, 56, 751-758.	2.2	43
34	Relationship between expression and methylation of obesity-related genes in children. <i>Mutagenesis</i> , 2015, 30, 411-420.	2.6	23
35	<i>In Utero</i> and Childhood Polybrominated Diphenyl Ether Exposures and Body Mass at Age 7 Years: The CHAMACOS Study. <i>Environmental Health Perspectives</i> , 2015, 123, 636-642.	6.0	79
36	Recent progress in the genetics and epigenetics of paraoxonase. <i>Current Opinion in Pediatrics</i> , 2015, 27, 240-247.	2.0	18

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37	PON1 as a model for integration of genetic, epigenetic, and expression data on candidate susceptibility genes. <i>Environmental Epigenetics</i> , 2015, 1, .	1.8	32
38	Effects of age, sex, and persistent organic pollutants on DNA methylation in children. <i>Environmental and Molecular Mutagenesis</i> , 2014, 55, 209-222.	2.2	74
39	Organophosphate pesticide exposure, PON1, and neurodevelopment in school-age children from the CHAMACOS study. <i>Environmental Research</i> , 2014, 134, 149-157.	7.5	63
40	Associations between perinatal factors and adiponectin and leptin in 9-year-old Mexican-American children. <i>Pediatric Obesity</i> , 2013, 8, 454-463.	2.8	15
41	Considerations for normalization of DNA methylation data by Illumina 450K BeadChip assay in population studies. <i>Epigenetics</i> , 2013, 8, 1141-1152.	2.7	60
42	Associations of PON1 and Genetic Ancestry with Obesity in Early Childhood. <i>PLoS ONE</i> , 2013, 8, e62565.	2.5	25
43	Adiponectin and Leptin Trajectories in Mexican-American Children from Birth to 9 Years of Age. <i>PLoS ONE</i> , 2013, 8, e77964.	2.5	46
44	Organophosphate pesticide levels in blood and urine of women and newborns living in an agricultural community. <i>Environmental Research</i> , 2012, 117, 8-16.	7.5	110
45	Cholinesterase and paraoxonase (PON1) enzyme activities in Mexican-American mothers and children from an agricultural community. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2012, 22, 641-648.	3.9	25
46	Association of Organophosphate Pesticide Exposure and Paraoxonase with Birth Outcome in Mexican-American Women. <i>PLoS ONE</i> , 2011, 6, e23923.	2.5	86
47	Effects of PON polymorphisms and haplotypes on molecular phenotype in Mexican-American mothers and children. <i>Environmental and Molecular Mutagenesis</i> , 2011, 52, 105-116.	2.2	18
48	Longitudinal changes in PON1 enzymatic activities in Mexican-American mothers and children with different genotypes and haplotypes. <i>Toxicology and Applied Pharmacology</i> , 2010, 244, 181-189.	2.8	43
49	Discovery of tetrahydroisoquinoline (THIQ) derivatives as potent and orally bioavailable LFA-1/ICAM-1 antagonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 5269-5273.	2.2	14
50	PON1 and Neurodevelopment in Children from the CHAMACOS Study Exposed to Organophosphate Pesticides in Utero. <i>Environmental Health Perspectives</i> , 2010, 118, 1775-1781.	6.0	107
51	Developmental Changes in PON1 Enzyme Activity in Young Children and Effects of PON1 Polymorphisms. <i>Environmental Health Perspectives</i> , 2009, 117, 1632-1638.	6.0	64
52	Folate concentrations in pediatric patients with newly diagnosed inflammatory bowel disease. <i>American Journal of Clinical Nutrition</i> , 2009, 89, 545-550.	4.7	23
53	Validation of PON1 enzyme activity assays for longitudinal studies. <i>Clinica Chimica Acta</i> , 2009, 402, 67-74.	1.1	62
54	Reduced Intracellular T-Helper 1 Interferon-Gamma in Blood of Newly Diagnosed Children With Crohn's Disease and Age-Related Changes in Th1/Th2 Cytokine Profiles. <i>Pediatric Research</i> , 2008, 63, 257-262.	2.3	16

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55	Residential Traffic and Children's Respiratory Health. Environmental Health Perspectives, 2008, 116, 1274-1279.	6.0	91
56	Cytogenetic Damage in Blood Lymphocytes and Exfoliated Epithelial Cells of Children With Inflammatory Bowel Disease. Pediatric Research, 2007, 61, 209-214.	2.3	38
57	Genotype-activity relationship for Mn-superoxide dismutase, glutathione peroxidase 1 and catalase in humans. Pharmacogenetics and Genomics, 2006, 16, 279-286.	1.5	133
58	Application of a geographic information system to explore associations between air pollution and micronucleus frequencies in African American children and adults. Environmental and Molecular Mutagenesis, 2006, 47, 236-246.	2.2	36
59	Paraoxonase Polymorphisms, Haplotypes, and Enzyme Activity in Latino Mothers and Newborns. Environmental Health Perspectives, 2006, 114, 985-991.	6.0	113