Carmen J Marsit

List of Publications by Year in Descending Order

297 papers	16,964 citations	69 h-index	120 g-index
327 ext. papers	19,898 ext. citations	5.8 avg, IF	6.71 L-index

#	Paper	IF	Citations
297	Investigation of Prenatal Pesticide Exposure and Neurodevelopmental Deficits in Northern Thailand: Protocol for a Longitudinal Birth Cohort Study.. *JMIR Research Protocols*, **2022**, 11, e31696	2	0
296	Prenatal exposure to metal mixtures and newborn neurobehavior in the Rhode Island Child Health Study.. *Environmental Epidemiology*, **2022**, 6, e194	0.2	0
295	Placental genomics mediates genetic associations with complex health traits and disease.. *Nature Communications*, **2022**, 13, 706	17.4	0
294	High-resolution metabolomics of exposure to tobacco smoke during pregnancy and adverse birth outcomes in the Atlanta African American maternal-child cohort. *Environmental Pollution*, **2022**, 292, 118361	9.3	3
293	Association between placental toxic metal exposure and NICU Network Neurobehavioral Scales (NNNS) profiles in the Rhode Island Child Health Study (RICHS). *Environmental Research*, **2022**, 204, 111939	7.9	3
292	PM exposure during pregnancy is associated with altered placental expression of lipid metabolic genes in a US birth cohort.. *Environmental Research*, **2022**, 113066	7.9	0
291	Influence of Environmental Factors on the Epigenome **2022**, 277-322		
290	Exposure to Contemporary and Emerging Chemicals in Commerce among Pregnant Women in the United States: The Environmental influences on Child Health Outcome (ECHO) Program.. *Environmental Science & Technology*, **2022**, 56, 6560-6573	10.3	1
289	Placental multi-omics integration identifies candidate functional genes for birthweight.. *Nature Communications*, **2022**, 13, 2384	17.4	1
288	Prenatal exposure to particulate matter and placental gene expression. *Environment International*, **2022**, 165, 107310	12.9	0
287	Selenium-associated differentially expressed microRNAs and their targeted mRNAs across the placental genome in two U.S. birth cohorts. *Epigenetics*, **2021**, 1-12	5.7	0
286	NEOage clocks - epigenetic clocks to estimate post-menstrual and postnatal age in preterm infants. *Aging*, **2021**, 13, 23527-23544	5.6	0
285	Urinary metals and maternal circulating extracellular vesicle microRNA in the MADRES pregnancy cohort. *Epigenetics*, **2021**, 1-15	5.7	3
284	Per- and polyfluoroalkyl substance (PFAS) exposure, maternal metabolomic perturbation, and fetal growth in African American women: A meet-in-the-middle approach. *Environment International*, **2021**, 158, 106964	12.9	8
283	Longitudinal changes in epigenetic age in youth with perinatally acquired HIV and youth who are perinatally HIV-exposed uninfected. *Aids*, **2021**, 35, 811-819	3.5	3
282	Placental microRNA expression associates with birthweight through control of adipokines: results from two independent cohorts. *Epigenetics*, **2021**, 16, 770-782	5.7	4
281	Epigenome-wide analysis identifies genes and pathways linked to acoustic cry variation in preterm infants. *Pediatric Research*, **2021**, 89, 1848-1854	3.2	1

280	In-utero exposure to zidovudine-containing antiretroviral therapy and clonal hematopoiesis in HIV-exposed uninfected newborns. *Aids*, **2021**, 35, 1525-1535	3.5	1
279	Extracellular vesicle microRNA in early versus late pregnancy with birth outcomes in the MADRES study. *Epigenetics*, **2021**, 1-17	5.7	4
278	Light Environment Influences Developmental Programming of the Metabolic and Visual Systems in Mice **2021**, 62, 22		2
277	Extracellular vesicle-enriched miRNA profiles across pregnancy in the MADRES cohort. *PLoS ONE*, **2021**, 16, e0251259	3.7	3
276	Epigenome-wide scan identifies differentially methylated regions for lung cancer using pre-diagnostic peripheral blood. *Epigenetics*, **2021**, 1-13	5.7	3
275	DNA methylation in children with prenatal methamphetamine exposure and environmental adversity. *Pediatric Research*, **2021**, 89, 1152-1156	3.2	3
274	Genome-wide DNA methylation differences and polychlorinated biphenyl (PCB) exposure in a US population. *Epigenetics*, **2021**, 16, 338-352	5.7	4
273	Methylome-wide Analysis Reveals Epigenetic Marks Associated With Resistance to Tuberculosis in Human Immunodeficiency Virus-Infected Individuals From East Africa. *Journal of Infectious Diseases*, **2021**, 224, 695-704	7	
272	Pre-diagnosis neutrophil-to-lymphocyte ratio and mortality in individuals who develop lung cancer. *Cancer Causes and Control*, **2021**, 32, 1227-1236	2.8	3
271	Placental DNA methylation signatures of maternal smoking during pregnancy and potential impacts on fetal growth. *Nature Communications*, **2021**, 12, 5095	17.4	5
270	Placental gene networks at the interface between maternal PM exposure early in gestation and reduced infant birthweight. *Environmental Research*, **2021**, 199, 111342	7.9	4
269	Developmental chronodisruption alters placental signaling in mice. *PLoS ONE*, **2021**, 16, e0255296	3.7	0
268	A scalable workflow to characterize the human exposome. *Nature Communications*, **2021**, 12, 5575	17.4	6
267	A Comprehensive Assessment of Associations between Prenatal Phthalate Exposure and the Placental Transcriptomic Landscape. *Environmental Health Perspectives*, **2021**, 129, 97003	8.4	2
266	Prenatal risk factors and neonatal DNA methylation in very preterm infants. *Clinical Epigenetics*, **2021**, 13, 171	7.7	1
265	Evidence for the placenta-brain axis: multi-omic kernel aggregation predicts intellectual and social impairment in children born extremely preterm. *Molecular Autism*, **2020**, 11, 97	6.5	6
264	DNA Methylation-Derived Immune Cell Profiles, CpG Markers of Inflammation, and Pancreatic Cancer Risk. *Cancer Epidemiology Biomarkers and Prevention*, **2020**, 29, 1577-1585	4	7
263	Placental lncRNA expression associated with placental cadmium concentrations and birth weight. *Environmental Epigenetics*, **2020**, 6, dvaa003	2.4	9

262	Sex-specific DNA methylation differences in people exposed to polybrominated biphenyl. *Epigenomics*, **2020**, 12, 757-770	4.4	5
261	Identification of Let-7f-5p as a novel biomarker of recurrence in non-muscle invasive bladder cancer. *Cancer Biomarkers*, **2020**, 29, 101-110	3.8	5
260	Molecular markers of neuroendocrine function and mitochondrial biogenesis associated with early life stress. *Psychoneuroendocrinology*, **2020**, 116, 104632	5	6
259	Combined neurodevelopmental exposure to deltamethrin and corticosterone is associated with Nr3c1 hypermethylation in the midbrain of male mice. *Neurotoxicology and Teratology*, **2020**, 80, 106887	3.9	6
258	Epidemiological concepts in environmental epigenetics **2020**, 89-105		0
257	Selenium-associated DNA methylation modifications in placenta and neurobehavioral development of newborns: An epigenome-wide study of two U.S. birth cohorts. *Environment International*, **2020**, 137, 105508	12.9	8
256	Genome-wide characterization of cytosine-specific 5-hydroxymethylation in normal breast tissue. *Epigenetics*, **2020**, 15, 398-418	5.7	3
255	Epigenome-Wide Association Study Using Prediagnostic Bloods Identifies New Genomic Regions Associated With Pancreatic Cancer Risk. *JNCI Cancer Spectrum*, **2020**, 4, pkaa041	4.6	3
254	Serious neonatal morbidities are associated with differences in DNA methylation among very preterm infants. *Clinical Epigenetics*, **2020**, 12, 151	7.7	7
253	Associations of maternal diet and placenta leptin methylation. *Molecular and Cellular Endocrinology*, **2020**, 505, 110739	4.4	5
252	Seasonally variant gene expression in full-term human placenta. *FASEB Journal*, **2020**, 34, 10431-10442	0.9	4
251	AHRR methylation in heavy smokers: associations with smoking, lung cancer risk, and lung cancer mortality. *BMC Cancer*, **2020**, 20, 905	4.8	7
250	In-depth characterization of the placental imprintome reveals novel differentially methylated regions across birth weight categories. *Epigenetics*, **2020**, 15, 47-60	5.7	5
249	Chrysotile fibers in tissue adjacent to laryngeal squamous cell carcinoma in cases with a history of occupational asbestos exposure. *Modern Pathology*, **2020**, 33, 228-234	9.8	2
248	Copper associates with differential methylation in placentae from two US birth cohorts. *Epigenetics* , **2020**, 15, 215-230	5.7	2
247	Mitochondrial and glycolysis-regulatory gene expression profiles are associated with intrauterine growth restriction. *Journal of Maternal-Fetal and Neonatal Medicine*, **2020**, 33, 1336-1345	2	5
246	Exposure to polybrominated biphenyl (PBB) associates with genome-wide DNA methylation differences in peripheral blood. *Epigenetics*, **2019**, 14, 52-66	5.7	25
245	MicroRNA Dysregulation and Non-Muscle-Invasive Bladder Cancer Prognosis. *Cancer Epidemiology Biomarkers and Prevention*, **2019**, 28, 782-788	4	12

244	Epigenetically regulated imprinted gene expression associated with IVF and infertility: possible influence of prenatal stress and depression. *Journal of Assisted Reproduction and Genetics*, **2019**, 36, 1299-1313	3.4	4
243	DNA methylation of NR3c1 in infancy: Associations between maternal caregiving and infant sex. *Infant Mental Health Journal*, **2019**, 40, 513-522	2.3	9
242	Exposure to polybrominated biphenyl and stochastic epigenetic mutations: application of a novel epigenetic approach to environmental exposure in the Michigan polybrominated biphenyl registry. *Epigenetics*, **2019**, 14, 1003-1018	5.7	10
241	A Neurodevelopmental Model of Combined Pyrethroid and Chronic Stress Exposure. *Toxics*, **2019**, 7,	4.7	3
240	Placental Expression of Imprinted Genes, Overall and in Sex-Specific Patterns, Associated with Placental Cadmium Concentrations and Birth Size. *Environmental Health Perspectives*, **2019**, 127, 57005	8.4	13
239	Epigenome-wide Analysis Identifies Genes and Pathways Linked to Neurobehavioral Variation in Preterm Infants. *Scientific Reports*, **2019**, 9, 6322	4.9	22
238	Maternal and fetal genetic effects on birth weight and their relevance to cardio-metabolic risk factors. *Nature Genetics*, **2019**, 51, 804-814	36.3	181
237	Microorganisms in the Placenta: Links to Early-Life Inflammation and Neurodevelopment in Children. *Clinical Microbiology Reviews*, **2019**, 32,	34	13
236	Meta-analysis of epigenome-wide association studies in neonates reveals widespread differential DNA methylation associated with birthweight. *Nature Communications*, **2019**, 10, 1893	17.4	79
235	Maternal circadian disruption is associated with variation in placental DNA methylation. *PLoS ONE*, **2019**, 14, e0215745	3.7	9
234	Prenatal arsenic exposure alters the placental expression of multiple epigenetic regulators in a sex-dependent manner. *Environmental Health*, **2019**, 18, 18	6	18
233	Placental imprinted gene expression mediates the effects of maternal psychosocial stress during pregnancy on fetal growth. *Journal of Developmental Origins of Health and Disease*, **2019**, 10, 196-205	2.4	4
232	Social Stress-Related Epigenetic Changes Associated With Increased Heart Rate Variability in Infants. *Frontiers in Behavioral Neuroscience*, **2019**, 13, 294	3.5	3
231	Associations Between the Features of Gross Placental Morphology and Birthweight. *Pediatric and Developmental Pathology*, **2019**, 22, 194-204	2.2	8
230	Accurate ethnicity prediction from placental DNA methylation data. *Epigenetics and Chromatin*, **2019**, 12, 51	5.8	20
229	Placental epigenetic clocks: estimating gestational age using placental DNA methylation levels. *Aging*, **2019**, 11, 4238-4253	5.6	29
228	Environmental exposure to polybrominated biphenyl (PBB) associates with an increased rate of biological aging. *Aging*, **2019**, 11, 5498-5517	5.6	7
227	Associations Between Features of Placental Morphology and Birth Weight in Dichorionic Twins. *American Journal of Epidemiology*, **2019**, 188, 518-526	3.8	5

226	Transcriptome-wide analysis of changes in the fetal placenta associated with prenatal arsenic exposure in the New Hampshire Birth Cohort Study. *Environmental Health*, **2019**, 18, 100	6	8
225	Association between zidovudine-containing antiretroviral therapy exposure in utero and leukocyte telomere length at birth. *Aids*, **2019**, 33, 2091-2096	3.5	2
224	Smoking during pregnancy increases chemerin expression in neonatal tissue. *Experimental Physiology*, **2019**, 104, 93-99	2.4	2
223	Maternal swimming pool exposure during pregnancy in relation to birth outcomes and cord blood DNA methylation among private well users. *Environment International*, **2019**, 123, 459-466	12.9	5
222	Birthweight in infants conceived through in vitro fertilization following blastocyst or cleavage-stage embryo transfer: a national registry study. *Journal of Assisted Reproduction and Genetics*, **2018**, 35, 1027-1037	3.4	6
221	Epigenetic mechanisms in the placenta related to infant neurodevelopment. *Epigenomics*, **2018**, 10, 321-333	4.4	26
220	Effect of frozen/thawed embryo transfer on birthweight, macrosomia, and low birthweight rates in US singleton infants. *American Journal of Obstetrics and Gynecology*, **2018**, 218, 433.e1-433.e10	6.4	34
219	Methylation-to-Expression Feature Models of Breast Cancer Accurately Predict Overall Survival, Distant-Recurrence Free Survival, and Pathologic Complete Response in Multiple Cohorts. *Scientific Reports*, **2018**, 8, 5190	4.9	5
218	Prenatal exposure to maternal depression and anxiety on imprinted gene expression in placenta and infant neurodevelopment and growth. *Pediatric Research*, **2018**, 83, 1075-1083	3.2	7
217	Cohort Profile: Pregnancy And Childhood Epigenetics (PACE) Consortium. *International Journal of Epidemiology*, **2018**, 47, 22-23u	7.8	62
216	Roadmap for investigating epigenome deregulation and environmental origins of cancer. *International Journal of Cancer*, **2018**, 142, 874-882	7.5	46
215	Comparison of diameter-based and image-based measures of surface area from gross placental pathology for use in epidemiologic studies. *Placenta*, **2018**, 69, 82-85	3.4	0
214	Integrating -Omics Approaches into Human Population-Based Studies of Prenatal and Early-Life Exposures. *Current Environmental Health Reports*, **2018**, 5, 328-337	6.5	16
213	Arsenic exposure and risk of nonalcoholic fatty liver disease (NAFLD) among U.S. adolescents and adults: an association modified by race/ethnicity, NHANES 2005-2014. *Environmental Health*, **2018**, 17, 6	6	32
212	Expression of Genes Involved in Stress, Toxicity, Inflammation, and Autoimmunity in Relation to Cadmium, Mercury, and Lead in Human Blood: A Pilot Study. *Toxics*, **2018**, 6,	4.7	8
211	Pan-Cancer Analysis Reveals Differential Susceptibility of Bidirectional Gene Promoters to DNA Methylation, Somatic Mutations, and Copy Number Alterations. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	6
210	Intrauterine multi-metal exposure is associated with reduced fetal growth through modulation of the placental gene network. *Environment International*, **2018**, 120, 373-381	12.9	28
209	Genetic regulation of the placental transcriptome underlies birth weight and risk of childhood obesity. *PLoS Genetics*, **2018**, 14, e1007799	6	13

208	Epigenetic Programming by Maternal Behavior in the Human Infant. *Pediatrics*, **2018**, 142,	7.4	38
207	Methylation-derived Neutrophil-to-Lymphocyte Ratio and Lung Cancer Risk in Heavy Smokers. *Cancer Prevention Research*, **2018**, 11, 727-734	3.2	17
206	Variation in DNA methylation of human blood over a 1-year period using the Illumina MethylationEPIC array. *Epigenetics*, **2018**, 13, 1056-1071	5.7	20
205	Environmentally Induced Epigenetic Plasticity in Development: Epigenetic Toxicity and Epigenetic Adaptation. *Current Epidemiology Reports*, **2018**, 5, 450-460	2.9	4
204	Cadmium-Associated Differential Methylation throughout the Placental Genome: Epigenome-Wide Association Study of Two U.S. Birth Cohorts. *Environmental Health Perspectives*, **2018**, 126, 017010	8.4	50
203	Transdisciplinary approaches enhance the production of translational knowledge. *Translational Research*, **2017**, 182, 123-134	11	31
202	Using neonatal skin to study the developmental programming of aging. *Experimental Gerontology*, **2017**, 94, 93-98	4.5	3
201	Sexual epigenetic dimorphism in the human placenta: implications for susceptibility during the prenatal period. *Epigenomics*, **2017**, 9, 267-278	4.4	57
200	Placental imprinting variation associated with assisted reproductive technologies and subfertility. *Epigenetics*, **2017**, 12, 653-661	5.7	27
199	Pulmonary microRNA profiling: implications in upper lobe predominant lung disease. *Clinical Epigenetics*, **2017**, 9, 56	7.7	24
198	Prenatal exposure to neurotoxic metals is associated with increased placental glucocorticoid receptor DNA methylation. *Epigenetics*, **2017**, 12, 607-615	5.7	41
197	Temporal variability of urinary cadmium in spot urine samples and first morning voids. *Journal of Exposure Science and Environmental Epidemiology*, **2017**, 27, 306-312	6.7	11
196	DNA Methylation-Derived Neutrophil-to-Lymphocyte Ratio: An Epigenetic Tool to Explore Cancer Inflammation and Outcomes. *Cancer Epidemiology Biomarkers and Prevention*, **2017**, 26, 328-338	4	40
195	Maternal ambient air pollution, preterm birth and markers of fetal growth in Rhode Island: results of a hospital-based linkage study. *Journal of Epidemiology and Community Health*, **2017**, 71, 1131-1136	5.1	22
194	Small-Magnitude Effect Sizes in Epigenetic End Points are Important in Children's Environmental Health Studies: The Children's Environmental Health and Disease Prevention Research Center's Epigenetics Working Group. *Environmental Health Perspectives*, **2017**, 125, 511-526	8.4	158
193	Maternal BMI at the start of pregnancy and offspring epigenome-wide DNA methylation: findings from the pregnancy and childhood epigenetics (PACE) consortium. *Human Molecular Genetics*, **2017**, 26, 4067-4085	5.6	151
192	Maternal residential air pollution and placental imprinted gene expression. *Environment International*, **2017**, 108, 204-211	12.9	20
191	Change in FK506 binding protein 5 (FKBP5) methylation over time among preschoolers with adversity. *Development and Psychopathology*, **2017**, 29, 1627-1634	4.3	58

190	Stress exposure and psychopathology alter methylation of the serotonin receptor 2A (HTR2A) gene in preschoolers. *Development and Psychopathology*, **2017**, 29, 1619-1626	4.3	20
189	Dynamic stress-related epigenetic regulation of the glucocorticoid receptor gene promoter during early development: The role of child maltreatment. *Development and Psychopathology*, **2017**, 29, 1635-1648	4.3	32
188	Expression quantitative trait loci (eQTLs) in human placentas suggest developmental origins of complex diseases. *Human Molecular Genetics*, **2017**, 26, 3432-3441	5.6	29
187	Expression of placental regulatory genes is associated with fetal growth. *Journal of Perinatal Medicine*, **2017**, 45, 887-893	2.7	10
186	An epigenome-wide DNA methylation study of PTSD and depression in World Trade Center responders. *Translational Psychiatry*, **2017**, 7, e1158	8.6	63
185	Maternal exposure to selenium and cadmium, fetal growth, and placental expression of steroidogenic and apoptotic genes. *Environmental Research*, **2017**, 158, 233-244	7.9	28
184	Genome-wide DNA methylation at birth in relation to in utero arsenic exposure and the associated health in later life. *Environmental Health*, **2017**, 16, 50	6	41
183	The aquaglyceroporin AQP9 contributes to the sex-specific effects of in utero arsenic exposure on placental gene expression. *Environmental Health*, **2017**, 16, 59	6	12
182	Medical morbidities and DNA methylation of NR3C1 in preterm infants. *Pediatric Research*, **2017**, 81, 68-74	3.2	13
181	A METHYLATION-TO-EXPRESSION FEATURE MODEL FOR GENERATING ACCURATE PROGNOSTIC RISK SCORES AND IDENTIFYING DISEASE TARGETS IN CLEAR CELL KIDNEY CANCER. *Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing*, **2017**, 22, 509-520	1.3	4
180	Whole-transcriptome analysis delineates the human placenta gene network and its associations with fetal growth. *BMC Genomics*, **2017**, 18, 520	4.5	34
179	Maternal cadmium, placental PCDHAC1, and fetal development. *Reproductive Toxicology*, **2016**, 65, 263-271	3.4	21
178	Methylation of the Glucocorticoid Receptor Gene Promoter in Preschoolers: Links With Internalizing Behavior Problems. *Child Development*, **2016**, 87, 86-97	4.9	45
177	Placental Epigenetics in Children's Environmental Health. *Seminars in Reproductive Medicine*, **2016**, 34, 36-41	1.4	20
176	Placental Metal Concentrations in Relation to Maternal and Infant Toenails in a U.S. Cohort. *Environmental Science & Technology*, **2016**, 50, 1587-94	10.3	37
175	Seroepidemiology of Human Polyomaviruses in a US Population. *American Journal of Epidemiology*, **2016**, 183, 61-9	3.8	83
174	Epigenome-Wide Assessment of DNA Methylation in the Placenta and Arsenic Exposure in the New Hampshire Birth Cohort Study (USA). *Environmental Health Perspectives*, **2016**, 124, 1253-60	8.4	75
173	Prenatal Stress, Fearfulness, and the Epigenome: Exploratory Analysis of Sex Differences in DNA Methylation of the Glucocorticoid Receptor Gene. *Frontiers in Behavioral Neuroscience*, **2016**, 10, 147	3.5	51

172	Methylation of the Glucocorticoid Receptor (NR3C1) in Placenta Is Associated with Infant Cry Acoustics. *Frontiers in Behavioral Neuroscience*, **2016**, 10, 100	3.5	12
171	Maternal smoking during pregnancy is associated with mitochondrial DNA methylation. *Environmental Epigenetics*, **2016**, 2,	2.4	16
170	Prenatal Programming of Infant Neurobehaviour in a Healthy Population. *Paediatric and Perinatal Epidemiology*, **2016**, 30, 367-75	2.7	23
169	Methylation of the leukocyte glucocorticoid receptor gene promoter in adults: associations with early adversity and depressive, anxiety and substance-use disorders. *Translational Psychiatry*, **2016**, 6, e848	8.6	79
168	Regions of variable DNA methylation in human placenta associated with newborn neurobehavior. *Epigenetics*, **2016**, 11, 603-13	5.7	64
167	Prenatal Major Depressive Disorder, Placenta Glucocorticoid and Serotonergic Signaling, and Infant Cortisol Response. *Psychosomatic Medicine*, **2016**, 78, 979-990	3.7	47
166	Reference-free deconvolution of DNA methylation data and mediation by cell composition effects. *BMC Bioinformatics*, **2016**, 17, 259	3.6	134
165	Maternal residential proximity to major roadways, birth weight, and placental DNA methylation. *Environment International*, **2016**, 92-93, 43-9	12.9	44
164	Hydroxymethylation is uniquely distributed within term placenta, and is associated with gene expression. *FASEB Journal*, **2016**, 30, 2874-84	0.9	28
163	Epigenetic Regulation of Placental NR3C1: Mechanism Underlying Prenatal Programming of Infant Neurobehavior by Maternal Smoking?. *Child Development*, **2016**, 87, 49-60	4.9	34
162	Introduction to the Special Section on Epigenetics. *Child Development*, **2016**, 87, 29-37	4.9	50
161	The Contributions of Maternal Sensitivity and Maternal Depressive Symptoms to Epigenetic Processes and Neuroendocrine Functioning. *Child Development*, **2016**, 87, 73-85	4.9	59
160	Influence of environmental exposure on human epigenetic regulation. *Journal of Experimental Biology*, **2015**, 218, 71-9	3	153
159	Placental expression profile of imprinted genes impacts birth weight. *Epigenetics*, **2015**, 10, 842-9	5.7	68
158	Expression of imprinted genes in placenta is associated with infant neurobehavioral development. *Epigenetics*, **2015**, 10, 834-41	5.7	41
157	The Role of Placental 11-Beta Hydroxysteroid Dehydrogenase Type 1 and Type 2 Methylation on Gene Expression and Infant Birth Weight. *Biology of Reproduction*, **2015**, 92, 149	3.9	29
156	Select Prenatal Environmental Exposures and Subsequent Alterations of Gene-Specific and Repetitive Element DNA Methylation in Fetal Tissues. *Current Environmental Health Reports*, **2015**, 2, 126-36	6.5	31
155	Cell-composition effects in the analysis of DNA methylation array data: a mathematical perspective. *BMC Bioinformatics*, **2015**, 16, 95	3.6	68

154	DNA methylation changes in the placenta are associated with fetal manganese exposure. *Reproductive Toxicology*, **2015**, 57, 43-9	3.4	30
153	Methylation of exons 1D, 1F, and 1H of the glucocorticoid receptor gene promoter and exposure to adversity in preschool-aged children. *Development and Psychopathology*, **2015**, 27, 577-85	4.3	46
152	Placental arsenic concentrations in relation to both maternal and infant biomarkers of exposure in a US cohort. *Journal of Exposure Science and Environmental Epidemiology*, **2015**, 25, 599-603	6.7	34
151	Understanding the Role of the Immune System in the Development of Cancer: New Opportunities for Population-Based Research. *Cancer Epidemiology Biomarkers and Prevention*, **2015**, 24, 1811-9	4	15
150	Infant peripheral blood repetitive element hypomethylation associated with antiretroviral therapy in utero. *Epigenetics*, **2015**, 10, 708-16	5.7	14
149	E2F4 Program Is Predictive of Progression and Intravesical Immunotherapy Efficacy in Bladder Cancer. *Molecular Cancer Research*, **2015**, 13, 1316-24	6.6	9
148	Differential DNA methylation in umbilical cord blood of infants exposed to mercury and arsenic in utero. *Epigenetics*, **2015**, 10, 508-15	5.7	91
147	Placental epigenetic patterning of glucocorticoid response genes is associated with infant neurodevelopment. *Epigenomics*, **2015**, 7, 767-79	4.4	46
146	Association between maternal urinary arsenic species and infant cord blood leptin levels in a New Hampshire Pregnancy Cohort. *Environmental Research*, **2015**, 136, 180-6	7.9	22
145	Examining the joint contribution of placental NR3C1 and HSD11B2 methylation for infant neurobehavior. *Psychoneuroendocrinology*, **2015**, 52, 32-42	5	45
144	Obesity and head and neck cancer risk and survival by human papillomavirus serology. *Cancer Causes and Control*, **2015**, 26, 111-9	2.8	10
143	Genetic polymorphisms modify bladder cancer recurrence and survival in a USA population-based prognostic study. *BJU International*, **2015**, 115, 238-47	5.6	22
142	Childhood maltreatment and methylation of FK506 binding protein 5 gene (FKBP5). *Development and Psychopathology*, **2015**, 27, 1637-45	4.3	65
141	Neurobehavior related to epigenetic differences in preterm infants. *Epigenomics*, **2015**, 7, 1123-36	4.4	59
140	Epigenome-wide and transcriptome-wide analyses reveal gestational diabetes is associated with alterations in the human leukocyte antigen complex. *Clinical Epigenetics*, **2015**, 7, 79	7.7	54
139	MicroRNA molecular profiling from matched tumor and bio-fluids in bladder cancer. *Molecular Cancer*, **2015**, 14, 194	42.1	119
138	Prenatal predictors of infant self-regulation: the contributions of placental DNA methylation of NR3C1 and neuroendocrine activity. *Frontiers in Behavioral Neuroscience*, **2015**, 9, 130	3.5	43
137	A coding variant in TMC8 (EVER2) is associated with high risk HPV infection and head and neck cancer risk. *PLoS ONE*, **2015**, 10, e0123716	3.7	6

136	Placental DNA Methylation Related to Both Infant Toenail Mercury and Adverse Neurobehavioral Outcomes. *Environmental Health Perspectives*, **2015**, 123, 723-9	8.4	62
135	Maternal psychiatric disease and epigenetic evidence suggest a common biology for poor fetal growth. *BMC Pregnancy and Childbirth*, **2015**, 15, 192	3.2	34
134	GLI3 Links Environmental Arsenic Exposure and Human Fetal Growth. *EBioMedicine*, **2015**, 2, 536-43	8.8	12
133	Expression of tumor suppressive microRNA-34a is associated with a reduced risk of bladder cancer recurrence. *International Journal of Cancer*, **2015**, 137, 1158-66	7.5	30
132	Sex-specific associations between placental leptin promoter DNA methylation and infant neurobehavior. *Psychoneuroendocrinology*, **2014**, 40, 1-9	5	46
131	Epigenetic Regulation of Infant Neurobehavioral Outcomes. *Medical Epigenetics*, **2014**, 2, 71-79		31
130	Global and gene-specific DNA methylation across multiple tissues in early infancy: implications for children's health research. *FASEB Journal*, **2014**, 28, 2088-97	0.9	62
129	Maternal obesity and gestational diabetes are associated with placental leptin DNA methylation. *American Journal of Obstetrics and Gynecology*, **2014**, 211, 654.e1-9	6.4	69
128	Maternal smoking during pregnancy and infant stress response: test of a prenatal programming hypothesis. *Psychoneuroendocrinology*, **2014**, 48, 29-40	5	78
127	Leukocyte-adjusted epigenome-wide association studies of blood from solid tumor patients. *Epigenetics*, **2014**, 9, 884-95	5.7	29
126	A novel approach to the discovery of survival biomarkers in glioblastoma using a joint analysis of DNA methylation and gene expression. *Epigenetics*, **2014**, 9, 873-83	5.7	22
125	Infant toenails as a biomarker of in utero arsenic exposure. *Journal of Exposure Science and Environmental Epidemiology*, **2014**, 24, 467-73	6.7	37
124	Body mass and smoking are modifiable risk factors for recurrent bladder cancer. *Cancer*, **2014**, 120, 408-14	6.4	56
123	The developmental basis of epigenetic regulation of HTR2A and psychiatric outcomes. *Journal of Cellular Biochemistry*, **2014**, 115, 2065-72	4.7	29
122	Reference-free cell mixture adjustments in analysis of DNA methylation data. *Bioinformatics*, **2014**, 30, 1431-9	7.2	316
121	Are epigenetic changes in the intrauterine environment related to newborn neurobehavior?. *Epigenomics*, **2014**, 6, 175-8	4.4	19
120	Distinct patterns of DNA methylation in conventional adenomas involving the right and left colon. *Modern Pathology*, **2014**, 27, 145-55	9.8	32
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1	Reference-free deconvolution of DNA methylation data and mediation by cell composition effects		1