

Carmen J Marsit

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	DNA methylation arrays as surrogate measures of cell mixture distribution. <i>BMC Bioinformatics</i> , 2012 , 13, 86	3.6	1815
296	Aging and environmental exposures alter tissue-specific DNA methylation dependent upon CpG island context. <i>PLoS Genetics</i> , 2009 , 5, e1000602	6	773
295	Childhood adversity and epigenetic modulation of the leukocyte glucocorticoid receptor: preliminary findings in healthy adults. <i>PLoS ONE</i> , 2012 , 7, e30148	3.7	360
294	Fundamental differences in cell cycle deregulation in human papillomavirus-positive and human papillomavirus-negative head/neck and cervical cancers. <i>Cancer Research</i> , 2007 , 67, 4605-19	10.1	351
293	MicroRNA responses to cellular stress. <i>Cancer Research</i> , 2006 , 66, 10843-8	10.1	343
292	Reference-free cell mixture adjustments in analysis of DNA methylation data. <i>Bioinformatics</i> , 2014 , 30, 1431-9	7.2	316
291	Global DNA methylation level in whole blood as a biomarker in head and neck squamous cell carcinoma. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2007 , 16, 108-14	4	256
290	MicroRNA expression ratio is predictive of head and neck squamous cell carcinoma. <i>Clinical Cancer Research</i> , 2009 , 15, 2850-5	12.9	215
289	Bisphenol A exposure leads to specific microRNA alterations in placental cells. <i>Reproductive Toxicology</i> , 2010 , 29, 401-6	3.4	214
288	The roles of DNA methylation of NR3C1 and 11HSD2 and exposure to maternal mood disorder in utero on newborn neurobehavior. <i>Epigenetics</i> , 2013 , 8, 1321-9	5.7	212
287	PTEN expression in non-small-cell lung cancer: evaluating its relation to tumor characteristics, allelic loss, and epigenetic alteration. <i>Human Pathology</i> , 2005 , 36, 768-76	3.7	209
286	Inactivation of the Fanconi anemia/BRCA pathway in lung and oral cancers: implications for treatment and survival. <i>Oncogene</i> , 2004 , 23, 1000-4	9.2	196
285	DNA methylation, isocitrate dehydrogenase mutation, and survival in glioma. <i>Journal of the National Cancer Institute</i> , 2011 , 103, 143-53	9.7	194
284	Maternal and fetal genetic effects on birth weight and their relevance to cardio-metabolic risk factors. <i>Nature Genetics</i> , 2019 , 51, 804-814	36.3	181
283	Blood-based profiles of DNA methylation predict the underlying distribution of cell types: a validation analysis. <i>Epigenetics</i> , 2013 , 8, 816-26	5.7	174
282	A let-7 microRNA-binding site polymorphism in the KRAS 3'SUTR is associated with reduced survival in oral cancers. <i>Carcinogenesis</i> , 2009 , 30, 1003-7	4.6	171
281	Maternal cigarette smoking during pregnancy is associated with downregulation of miR-16, miR-21, and miR-146a in the placenta. <i>Epigenetics</i> , 2010 , 5, 583-9	5.7	164

280	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. <i>Environmental Health Perspectives</i> , 2017 , 125, 511-526	8.4	158
279	Epigenetics in the placenta. <i>American Journal of Reproductive Immunology</i> , 2009 , 62, 78-89	3.8	157
278	Influence of environmental exposure on human epigenetic regulation. <i>Journal of Experimental Biology</i> , 2015 , 218, 71-9	3	153
277	Model-based clustering of DNA methylation array data: a recursive-partitioning algorithm for high-dimensional data arising as a mixture of beta distributions. <i>BMC Bioinformatics</i> , 2008 , 9, 365	3.6	152
276	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	5.6	151
275	In utero exposures, infant growth, and DNA methylation of repetitive elements and developmentally related genes in human placenta. <i>Environmental Health Perspectives</i> , 2012 , 120, 296-302	8.4	150
274	Differential DNA methylation in umbilical cord blood of infants exposed to low levels of arsenic in utero. <i>Environmental Health Perspectives</i> , 2013 , 121, 971-7	8.4	147
273	Placental 11-beta hydroxysteroid dehydrogenase methylation is associated with newborn growth and a measure of neurobehavioral outcome. <i>PLoS ONE</i> , 2012 , 7, e33794	3.7	144
272	Carcinogen exposure and gene promoter hypermethylation in bladder cancer. <i>Carcinogenesis</i> , 2006 , 27, 112-6	4.6	139
271	Implications of LINE1 methylation for bladder cancer risk in women. <i>Clinical Cancer Research</i> , 2010 , 16, 1682-9	12.9	138
270	A genome-wide association study of upper aerodigestive tract cancers conducted within the INHANCE consortium. <i>PLoS Genetics</i> , 2011 , 7, e1001333	6	136
269	Birthweight is associated with DNA promoter methylation of the glucocorticoid receptor in human placenta. <i>Epigenetics</i> , 2011 , 6, 566-72	5.7	135
268	Reference-free deconvolution of DNA methylation data and mediation by cell composition effects. <i>BMC Bioinformatics</i> , 2016 , 17, 259	3.6	134
267	Breast cancer DNA methylation profiles are associated with tumor size and alcohol and folate intake. <i>PLoS Genetics</i> , 2010 , 6, e1001043	6	128
266	Epigenetic profiles distinguish pleural mesothelioma from normal pleura and predict lung asbestos burden and clinical outcome. <i>Cancer Research</i> , 2009 , 69, 227-34	10.1	128
265	A case-control study of smoking and bladder cancer risk: emergent patterns over time. <i>Journal of the National Cancer Institute</i> , 2009 , 101, 1553-61	9.7	128
264	MicroRNA expression in head and neck cancer associates with alcohol consumption and survival. <i>Carcinogenesis</i> , 2009 , 30, 2059-63	4.6	123
263	Epigenetic inactivation of SFRP genes and TP53 alteration act jointly as markers of invasive bladder cancer. <i>Cancer Research</i> , 2005 , 65, 7081-5	10.1	120

262	MicroRNA molecular profiling from matched tumor and bio-fluids in bladder cancer. <i>Molecular Cancer</i> , 2015 , 14, 194	42.1	119
261	Infant growth restriction is associated with distinct patterns of DNA methylation in human placentas. <i>Epigenetics</i> , 2011 , 6, 920-7	5.7	119
260	Patterning in placental 11-B hydroxysteroid dehydrogenase methylation according to prenatal socioeconomic adversity. <i>PLoS ONE</i> , 2013 , 8, e74691	3.7	109
259	Mature microRNA sequence polymorphism in MIR196A2 is associated with risk and prognosis of head and neck cancer. <i>Clinical Cancer Research</i> , 2010 , 16, 3713-20	12.9	109
258	DNA methylation array analysis identifies profiles of blood-derived DNA methylation associated with bladder cancer. <i>Journal of Clinical Oncology</i> , 2011 , 29, 1133-9	2.2	105
257	miR-16 and miR-21 expression in the placenta is associated with fetal growth. <i>PLoS ONE</i> , 2011 , 6, e21210	3.7	104
256	Biomarkers of HPV in head and neck squamous cell carcinoma. <i>Cancer Research</i> , 2012 , 72, 5004-13	10.1	103
255	Behavioral epigenetics. <i>Annals of the New York Academy of Sciences</i> , 2011 , 1226, 14-33	6.5	101
254	Epigenetic inactivation of the SFRP genes is associated with drinking, smoking and HPV in head and neck squamous cell carcinoma. <i>International Journal of Cancer</i> , 2006 , 119, 1761-6	7.5	101
253	Integrative DNA methylation and gene expression analyses identify DNA packaging and epigenetic regulatory genes associated with low motility sperm. <i>PLoS ONE</i> , 2011 , 6, e20280	3.7	96
252	Peripheral blood immune cell methylation profiles are associated with nonhematopoietic cancers. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2012 , 21, 1293-302	4	94
251	Epigenetic profiling reveals etiologically distinct patterns of DNA methylation in head and neck squamous cell carcinoma. <i>Carcinogenesis</i> , 2009 , 30, 416-22	4.6	93
250	Differential DNA methylation in umbilical cord blood of infants exposed to mercury and arsenic in utero. <i>Epigenetics</i> , 2015 , 10, 508-15	5.7	91
249	Epigenomics in environmental health. <i>Frontiers in Genetics</i> , 2011 , 2, 84	4.5	90
248	Examination of a CpG island methylator phenotype and implications of methylation profiles in solid tumors. <i>Cancer Research</i> , 2006 , 66, 10621-9	10.1	85
247	Global methylation in exposure biology and translational medical science. <i>Environmental Health Perspectives</i> , 2011 , 119, 1528-33	8.4	84
246	Seroepidemiology of Human Polyomaviruses in a US Population. <i>American Journal of Epidemiology</i> , 2016 , 183, 61-9	3.8	83
245	Placental DNA methylation alterations associated with maternal tobacco smoking at the RUNX3 gene are also associated with gestational age. <i>Epigenomics</i> , 2013 , 5, 619-30	4.4	83

244	Genetic and epigenetic variation of the glucocorticoid receptor (NR3C1) in placenta and infant neurobehavior. <i>Developmental Psychobiology</i> , 2013 , 55, 673-83	3	83
243	Downregulated microRNAs in the differential diagnosis of malignant pleural mesothelioma. <i>International Journal of Cancer</i> , 2010 , 127, 2859-69	7.5	82
242	Placental FKBP5 genetic and epigenetic variation is associated with infant neurobehavioral outcomes in the RICHS cohort. <i>PLoS ONE</i> , 2014 , 9, e104913	3.7	81
241	Meta-analysis of epigenome-wide association studies in neonates reveals widespread differential DNA methylation associated with birthweight. <i>Nature Communications</i> , 2019 , 10, 1893	17.4	79
240	Methylation of the leukocyte glucocorticoid receptor gene promoter in adults: associations with early adversity and depressive, anxiety and substance-use disorders. <i>Translational Psychiatry</i> , 2016 , 6, e848	8.6	79
239	Maternal smoking during pregnancy and infant stress response: test of a prenatal programming hypothesis. <i>Psychoneuroendocrinology</i> , 2014 , 48, 29-40	5	78
238	Cardiovascular disease risk factors and DNA methylation at the LINE-1 repeat region in peripheral blood from Samoan Islanders. <i>Epigenetics</i> , 2011 , 6, 1257-64	5.7	78
237	Tissue-specific Leptin promoter DNA methylation is associated with maternal and infant perinatal factors. <i>Molecular and Cellular Endocrinology</i> , 2013 , 381, 160-7	4.4	77
236	Semi-supervised recursively partitioned mixture models for identifying cancer subtypes. <i>Bioinformatics</i> , 2010 , 26, 2578-85	7.2	77
235	Epigenome-Wide Assessment of DNA Methylation in the Placenta and Arsenic Exposure in the New Hampshire Birth Cohort Study (USA). <i>Environmental Health Perspectives</i> , 2016 , 124, 1253-60	8.4	75
234	Asbestos exposure predicts cell cycle control gene promoter methylation in pleural mesothelioma. <i>Carcinogenesis</i> , 2008 , 29, 1555-9	4.6	74
233	Bladder cancer SNP panel predicts susceptibility and survival. <i>Human Genetics</i> , 2009 , 125, 527-39	6.3	72
232	LINE-1 hypomethylation is associated with bladder cancer risk among nonsmoking Chinese. <i>International Journal of Cancer</i> , 2012 , 130, 1151-9	7.5	71
231	Identification of methylated genes associated with aggressive bladder cancer. <i>PLoS ONE</i> , 2010 , 5, e12334	3.7	71
230	Maternal obesity and gestational diabetes are associated with placental leptin DNA methylation. <i>American Journal of Obstetrics and Gynecology</i> , 2014 , 211, 654.e1-9	6.4	69
229	Peripheral blood DNA methylation profiles are indicative of head and neck squamous cell carcinoma: an epigenome-wide association study. <i>Epigenetics</i> , 2012 , 7, 291-9	5.7	69
228	Placental expression profile of imprinted genes impacts birth weight. <i>Epigenetics</i> , 2015 , 10, 842-9	5.7	68
227	Cell-composition effects in the analysis of DNA methylation array data: a mathematical perspective. <i>BMC Bioinformatics</i> , 2015 , 16, 95	3.6	68

226	Global hypomethylation identifies Loci targeted for hypermethylation in head and neck cancer. <i>Clinical Cancer Research</i> , 2011 , 17, 3579-89	12.9	68
225	Promoter hypermethylation is associated with current smoking, age, gender and survival in bladder cancer. <i>Carcinogenesis</i> , 2007 , 28, 1745-51	4.6	68
224	Childhood maltreatment and methylation of FK506 binding protein 5 gene (FKBP5). <i>Development and Psychopathology</i> , 2015 , 27, 1637-45	4.3	65
223	Glutathione S-transferase polymorphisms and the synergy of alcohol and tobacco in oral, pharyngeal, and laryngeal carcinoma. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2006 , 15, 2196-2024	4	64
222	Regions of variable DNA methylation in human placenta associated with newborn neurobehavior. <i>Epigenetics</i> , 2016 , 11, 603-13	5.7	64
221	An epigenome-wide DNA methylation study of PTSD and depression in World Trade Center responders. <i>Translational Psychiatry</i> , 2017 , 7, e1158	8.6	63
220	Cohort Profile: Pregnancy And Childhood Epigenetics (PACE) Consortium. <i>International Journal of Epidemiology</i> , 2018 , 47, 22-23u	7.8	62
219	Global and gene-specific DNA methylation across multiple tissues in early infancy: implications for children's health research. <i>FASEB Journal</i> , 2014 , 28, 2088-97	0.9	62
218	Placental DNA Methylation Related to Both Infant Toenail Mercury and Adverse Neurobehavioral Outcomes. <i>Environmental Health Perspectives</i> , 2015 , 123, 723-9	8.4	62
217	Differentiation of lung adenocarcinoma, pleural mesothelioma, and nonmalignant pulmonary tissues using DNA methylation profiles. <i>Cancer Research</i> , 2009 , 69, 6315-21	10.1	62
216	Neurobehavior related to epigenetic differences in preterm infants. <i>Epigenomics</i> , 2015 , 7, 1123-36	4.4	59
215	The Contributions of Maternal Sensitivity and Maternal Depressive Symptoms to Epigenetic Processes and Neuroendocrine Functioning. <i>Child Development</i> , 2016 , 87, 73-85	4.9	59
214	Change in FK506 binding protein 5 (FKBP5) methylation over time among preschoolers with adversity. <i>Development and Psychopathology</i> , 2017 , 29, 1627-1634	4.3	58
213	Sexual epigenetic dimorphism in the human placenta: implications for susceptibility during the prenatal period. <i>Epigenomics</i> , 2017 , 9, 267-278	4.4	57
212	Endocrine disruptors, environmental oxygen, epigenetics and pregnancy. <i>Frontiers in Bioscience - Elite</i> , 2011 , 3, 690-700	1.6	57
211	Body mass and smoking are modifiable risk factors for recurrent bladder cancer. <i>Cancer</i> , 2014 , 120, 408-14	6.4	56
210	Association between In Utero arsenic exposure, placental gene expression, and infant birth weight: a US birth cohort study. <i>Environmental Health</i> , 2013 , 12, 58	6	55
209	Epigenome-wide and transcriptome-wide analyses reveal gestational diabetes is associated with alterations in the human leukocyte antigen complex. <i>Clinical Epigenetics</i> , 2015 , 7, 79	7.7	54

208	DNA hypermethylation profiles associated with glioma subtypes and EZH2 and IGFBP2 mRNA expression. <i>Neuro-Oncology</i> , 2011 , 13, 280-9	1	54
207	Hypermethylation of RASSF1A and BLU tumor suppressor genes in non-small cell lung cancer: implications for tobacco smoking during adolescence. <i>International Journal of Cancer</i> , 2005 , 114, 219-23	7.5	54
206	A case-control study of polymorphisms in xenobiotic and arsenic metabolism genes and arsenic-related bladder cancer in New Hampshire. <i>Toxicology Letters</i> , 2012 , 210, 100-6	4.4	53
205	TP53 mutation, allelism and survival in non-small cell lung cancer. <i>Carcinogenesis</i> , 2005 , 26, 1770-3	4.6	53
204	A population-based case-control study of marijuana use and head and neck squamous cell carcinoma. <i>Cancer Prevention Research</i> , 2009 , 2, 759-68	3.2	52
203	Gastric reflux is an independent risk factor for laryngopharyngeal carcinoma. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2013 , 22, 1061-8	4	51
202	The influence of aging, environmental exposures and local sequence features on the variation of DNA methylation in blood. <i>Epigenetics</i> , 2011 , 6, 908-19	5.7	51
201	Prenatal Stress, Fearfulness, and the Epigenome: Exploratory Analysis of Sex Differences in DNA Methylation of the Glucocorticoid Receptor Gene. <i>Frontiers in Behavioral Neuroscience</i> , 2016 , 10, 147	3.5	51
200	Introduction to the Special Section on Epigenetics. <i>Child Development</i> , 2016 , 87, 29-37	4.9	50
199	Cadmium-Associated Differential Methylation throughout the Placental Genome: Epigenome-Wide Association Study of Two U.S. Birth Cohorts. <i>Environmental Health Perspectives</i> , 2018 , 126, 017010	8.4	50
198	Placental HTR2A methylation is associated with infant neurobehavioral outcomes. <i>Epigenetics</i> , 2013 , 8, 796-801	5.7	49
197	Integrated profiling reveals a global correlation between epigenetic and genetic alterations in mesothelioma. <i>Cancer Research</i> , 2010 , 70, 5686-94	10.1	49
196	Genetic variation in the vitamin C transporter, SLC23A2, modifies the risk of HPV16-associated head and neck cancer. <i>Carcinogenesis</i> , 2009 , 30, 977-81	4.6	49
195	Hypermethylation of E-cadherin is an independent predictor of improved survival in head and neck squamous cell carcinoma. <i>Cancer</i> , 2008 , 113, 1566-71	6.4	49
194	Prenatal Major Depressive Disorder, Placenta Glucocorticoid and Serotonergic Signaling, and Infant Cortisol Response. <i>Psychosomatic Medicine</i> , 2016 , 78, 979-990	3.7	47
193	Methylation of exons 1D, 1F, and 1H of the glucocorticoid receptor gene promoter and exposure to adversity in preschool-aged children. <i>Development and Psychopathology</i> , 2015 , 27, 577-85	4.3	46
192	Placental epigenetic patterning of glucocorticoid response genes is associated with infant neurodevelopment. <i>Epigenomics</i> , 2015 , 7, 767-79	4.4	46
191	Roadmap for investigating epigenome deregulation and environmental origins of cancer. <i>International Journal of Cancer</i> , 2018 , 142, 874-882	7.5	46

190	Sex-specific associations between placental leptin promoter DNA methylation and infant neurobehavior. <i>Psychoneuroendocrinology</i> , 2014 , 40, 1-9	5	46
189	A novel survival multifactor dimensionality reduction method for detecting gene-gene interactions with application to bladder cancer prognosis. <i>Human Genetics</i> , 2011 , 129, 101-10	6.3	46
188	Examining the joint contribution of placental NR3C1 and HSD11B2 methylation for infant neurobehavior. <i>Psychoneuroendocrinology</i> , 2015 , 52, 32-42	5	45
187	Methylation of the Glucocorticoid Receptor Gene Promoter in Preschoolers: Links With Internalizing Behavior Problems. <i>Child Development</i> , 2016 , 87, 86-97	4.9	45
186	Line region hypomethylation is associated with lifestyle and differs by human papillomavirus status in head and neck squamous cell carcinomas. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2008 , 17, 966-71	4	45
185	Acute hypersensitivity of pluripotent testicular cancer-derived embryonal carcinoma to low-dose 5-aza deoxycytidine is associated with global DNA Damage-associated p53 activation, anti-pluripotency and DNA demethylation. <i>PLoS ONE</i> , 2012 , 7, e53003	3.7	45
184	Carcinogen exposure and epigenetic silencing in bladder cancer. <i>Annals of the New York Academy of Sciences</i> , 2006 , 1076, 810-21	6.5	44
183	Maternal residential proximity to major roadways, birth weight, and placental DNA methylation. <i>Environment International</i> , 2016 , 92-93, 43-9	12.9	44
182	Prenatal predictors of infant self-regulation: the contributions of placental DNA methylation of NR3C1 and neuroendocrine activity. <i>Frontiers in Behavioral Neuroscience</i> , 2015 , 9, 130	3.5	43
181	Loss of heterozygosity of chromosome 3p21 is associated with mutant TP53 and better patient survival in non-small-cell lung cancer. <i>Cancer Research</i> , 2004 , 64, 8702-7	10.1	42
180	Prenatal exposure to neurotoxic metals is associated with increased placental glucocorticoid receptor DNA methylation. <i>Epigenetics</i> , 2017 , 12, 607-615	5.7	41
179	Expression of imprinted genes in placenta is associated with infant neurobehavioral development. <i>Epigenetics</i> , 2015 , 10, 834-41	5.7	41
178	Genome-wide DNA methylation at birth in relation to in utero arsenic exposure and the associated health in later life. <i>Environmental Health</i> , 2017 , 16, 50	6	41
177	DNA Methylation-Derived Neutrophil-to-Lymphocyte Ratio: An Epigenetic Tool to Explore Cancer Inflammation and Outcomes. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2017 , 26, 328-338	4	40
176	Epigenetic Programming by Maternal Behavior in the Human Infant. <i>Pediatrics</i> , 2018 , 142,	7.4	38
175	Placental Metal Concentrations in Relation to Maternal and Infant Toenails in a U.S. Cohort. <i>Environmental Science & Technology</i> , 2016 , 50, 1587-94	10.3	37
174	Infant toenails as a biomarker of in utero arsenic exposure. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2014 , 24, 467-73	6.7	37
173	Key epigenetic changes associated with lung cancer development: results from dense methylation array profiling. <i>Epigenetics</i> , 2012 , 7, 559-66	5.7	37

172	Epigenetic basis for the development of depression in children. <i>Clinical Obstetrics and Gynecology</i> , 2013 , 56, 556-65	1.7	36
171	EGFR pathway polymorphisms and bladder cancer susceptibility and prognosis. <i>Carcinogenesis</i> , 2009 , 30, 1155-60	4.6	36
170	Placental arsenic concentrations in relation to both maternal and infant biomarkers of exposure in a US cohort. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2015 , 25, 599-603	6.7	34
169	Effect of frozen/thawed embryo transfer on birthweight, macrosomia, and low birthweight rates in US singleton infants. <i>American Journal of Obstetrics and Gynecology</i> , 2018 , 218, 433.e1-433.e10	6.4	34
168	Placenta-imprinted gene expression association of infant neurobehavior. <i>Journal of Pediatrics</i> , 2012 , 160, 854-860.e2	3.6	34
167	Whole-transcriptome analysis delineates the human placenta gene network and its associations with fetal growth. <i>BMC Genomics</i> , 2017 , 18, 520	4.5	34
166	Maternal psychiatric disease and epigenetic evidence suggest a common biology for poor fetal growth. <i>BMC Pregnancy and Childbirth</i> , 2015 , 15, 192	3.2	34
165	Epigenetic Regulation of Placental NR3C1: Mechanism Underlying Prenatal Programming of Infant Neurobehavior by Maternal Smoking?. <i>Child Development</i> , 2016 , 87, 49-60	4.9	34
164	Identification of an epigenetic profile classifier that is associated with survival in head and neck cancer. <i>Cancer Research</i> , 2012 , 72, 2728-37	10.1	33
163	DNA repair genotype interacts with arsenic exposure to increase bladder cancer risk. <i>Toxicology Letters</i> , 2009 , 187, 10-4	4.4	33
162	Histological classification and stage of newly diagnosed bladder cancer in a population-based study from the Northeastern United States. <i>Scandinavian Journal of Urology and Nephrology</i> , 2008 , 42, 237-42		33
161	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. <i>Environmental Health</i> , 2018 , 17, 6	6	32
160	SLC39A2 and FSIP1 polymorphisms as potential modifiers of arsenic-related bladder cancer. <i>Human Genetics</i> , 2012 , 131, 453-61	6.3	32
159	Dynamic stress-related epigenetic regulation of the glucocorticoid receptor gene promoter during early development: The role of child maltreatment. <i>Development and Psychopathology</i> , 2017 , 29, 1635-1648	4.3	32
158	Distinct patterns of DNA methylation in conventional adenomas involving the right and left colon. <i>Modern Pathology</i> , 2014 , 27, 145-55	9.8	32
157	Copy number variation has little impact on bead-array-based measures of DNA methylation. <i>Bioinformatics</i> , 2009 , 25, 1999-2005	7.2	32
156	Transdisciplinary approaches enhance the production of translational knowledge. <i>Translational Research</i> , 2017 , 182, 123-134	11	31
155	Select Prenatal Environmental Exposures and Subsequent Alterations of Gene-Specific and Repetitive Element DNA Methylation in Fetal Tissues. <i>Current Environmental Health Reports</i> , 2015 , 2, 126-36	6.5	31

154	Epigenetic Regulation of Infant Neurobehavioral Outcomes. <i>Medical Epigenetics</i> , 2014 , 2, 71-79		31
153	Placental miRNA expression profiles are associated with measures of infant neurobehavioral outcomes. <i>Pediatric Research</i> , 2013 , 74, 272-8	3.2	31
152	Survival following the diagnosis of noninvasive bladder cancer: WHO/International Society of Urological Pathology versus WHO classification systems. <i>Journal of Urology</i> , 2007 , 178, 1196-200; discussion 1200	2.5	31
151	Genetic and epigenetic somatic alterations in head and neck squamous cell carcinomas are globally coordinated but not locally targeted. <i>PLoS ONE</i> , 2010 , 5, e9651	3.7	31
150	DNA methylation changes in the placenta are associated with fetal manganese exposure. <i>Reproductive Toxicology</i> , 2015 , 57, 43-9	3.4	30
149	Expression of tumor suppressive microRNA-34a is associated with a reduced risk of bladder cancer recurrence. <i>International Journal of Cancer</i> , 2015 , 137, 1158-66	7.5	30
148	Association of secondhand smoke exposures with DNA methylation in bladder carcinomas. <i>Cancer Causes and Control</i> , 2011 , 22, 1205-13	2.8	30
147	The Role of Placental 11-Beta Hydroxysteroid Dehydrogenase Type 1 and Type 2 Methylation on Gene Expression and Infant Birth Weight. <i>Biology of Reproduction</i> , 2015 , 92, 149	3.9	29
146	Expression quantitative trait loci (eQTLs) in human placentas suggest developmental origins of complex diseases. <i>Human Molecular Genetics</i> , 2017 , 26, 3432-3441	5.6	29
145	Leukocyte-adjusted epigenome-wide association studies of blood from solid tumor patients. <i>Epigenetics</i> , 2014 , 9, 884-95	5.7	29
144	The developmental basis of epigenetic regulation of HTR2A and psychiatric outcomes. <i>Journal of Cellular Biochemistry</i> , 2014 , 115, 2065-72	4.7	29
143	Placental epigenetic clocks: estimating gestational age using placental DNA methylation levels. <i>Aging</i> , 2019 , 11, 4238-4253	5.6	29
142	Intrauterine multi-metal exposure is associated with reduced fetal growth through modulation of the placental gene network. <i>Environment International</i> , 2018 , 120, 373-381	12.9	28
141	Maternal exposure to selenium and cadmium, fetal growth, and placental expression of steroidogenic and apoptotic genes. <i>Environmental Research</i> , 2017 , 158, 233-244	7.9	28
140	Smoking modifies the relationship between XRCC1 haplotypes and HPV16-negative head and neck squamous cell carcinoma. <i>International Journal of Cancer</i> , 2009 , 124, 2690-6	7.5	28
139	Hydroxymethylation is uniquely distributed within term placenta, and is associated with gene expression. <i>FASEB Journal</i> , 2016 , 30, 2874-84	0.9	28
138	Placental imprinting variation associated with assisted reproductive technologies and subfertility. <i>Epigenetics</i> , 2017 , 12, 653-661	5.7	27
137	Epigenetic mechanisms in the placenta related to infant neurodevelopment. <i>Epigenomics</i> , 2018 , 10, 321-333	4.33	26

136	Loss of heterozygosity on chromosome 9q and p53 alterations in human bladder cancer. <i>Cancer</i> , 2005 , 104, 1918-23	6.4	26
135	Exposure to polybrominated biphenyl (PBB) associates with genome-wide DNA methylation differences in peripheral blood. <i>Epigenetics</i> , 2019 , 14, 52-66	5.7	25
134	Pulmonary microRNA profiling: implications in upper lobe predominant lung disease. <i>Clinical Epigenetics</i> , 2017 , 9, 56	7.7	24
133	Blood-derived DNA methylation markers of cancer risk. <i>Advances in Experimental Medicine and Biology</i> , 2013 , 754, 233-52	3.6	24
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