

# Susan K Murphy

## List of Publications by Year in descending order

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242  
papers

14,560  
citations

19657

61  
h-index

23533

111  
g-index

250  
all docs

250  
docs citations

250  
times ranked

20105  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	450K Epigenome-Wide Scan Identifies Differential DNA Methylation in Newborns Related to Maternal Smoking during Pregnancy. <i>Environmental Health Perspectives</i> , 2012, 120, 1425-1431.	6.0	654
3	Genomic and epigenetic evidence for oxytocin receptor deficiency in autism. <i>BMC Medicine</i> , 2009, 7, 62.	5.5	497
4	Chemotherapy Induces Programmed Cell Death-Ligand 1 Overexpression via the Nuclear Factor- $\kappa$ B to Foster an Immunosuppressive Tumor Microenvironment in Ovarian Cancer. <i>Cancer Research</i> , 2015, 75, 5034-5045.	0.9	439
5	Epigenetic regulation of CD133 and tumorigenicity of CD133+ ovarian cancer cells. <i>Oncogene</i> , 2009, 28, 209-218.	5.9	394
6	Relationship Between Methylome and Transcriptome in Patients With Nonalcoholic Fatty Liver Disease. <i>Gastroenterology</i> , 2013, 145, 1076-1087.	1.3	340
7	A paternal environmental legacy: Evidence for epigenetic inheritance through the male germ line. <i>BioEssays</i> , 2014, 36, 359-371.	2.5	293
8	Paternal obesity is associated with IGF2 hypomethylation in newborns: results from a Newborn Epigenetics Study (NEST) cohort. <i>BMC Medicine</i> , 2013, 11, 29.	5.5	286
9	Anchorage-independent cell growth signature identifies tumors with metastatic potential. <i>Oncogene</i> , 2009, 28, 2796-2805.	5.9	277
10	Newborns of obese parents have altered DNA methylation patterns at imprinted genes. <i>International Journal of Obesity</i> , 2015, 39, 650-657.	3.4	265
11	Hepatic gene expression profiles differentiate presymptomatic patients with mild versus severe nonalcoholic fatty liver disease. <i>Hepatology</i> , 2014, 59, 471-482.	7.3	256
12	Novel Imprinted DLK1/GTL2 Domain on Human Chromosome 14 Contains Motifs that Mimic Those Implicated in IGF2/H19 Regulation. <i>Genome Research</i> , 2000, 10, 1711-1718.	5.5	249
13	Patterns of Gene Expression That Characterize Long-term Survival in Advanced Stage Serous Ovarian Cancers. <i>Clinical Cancer Research</i> , 2005, 11, 3686-3696.	7.0	246
14	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.	6.0	243
15	Methylation variation at IGF2 differentially methylated regions and maternal folic acid use before and during pregnancy. <i>Epigenetics</i> , 2011, 6, 928-936.	2.7	225
16	DNA profiling analysis of endometrial and ovarian cell lines reveals misidentification, redundancy and contamination. <i>Gynecologic Oncology</i> , 2012, 127, 241-248.	1.4	213
17	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
18	Imprinting evolution and the price of silence. <i>BioEssays</i> , 2003, 25, 577-588.	2.5	207

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19	Gender-specific methylation differences in relation to prenatal exposure to cigarette smoke. <i>Gene</i> , 2012, 494, 36-43.	2.2	201
20	Identification of the Single Base Change Causing the Callipyge Muscle Hypertrophy Phenotype, the Only Known Example of Polar Overdominance in Mammals. <i>Genome Research</i> , 2002, 12, 1496-1506.	5.5	195
21	A TAZ-ANGPTL4-NOX2 Axis Regulates Ferroptotic Cell Death and Chemoresistance in Epithelial Ovarian Cancer. <i>Molecular Cancer Research</i> , 2020, 18, 79-90.	3.4	188
22	Depression in pregnancy, infant birth weight and DNA methylation of imprint regulatory elements. <i>Epigenetics</i> , 2012, 7, 735-746.	2.7	175
23	Identification of an ovarian clear cell carcinoma gene signature that reflects inherent disease biology and the carcinogenic processes. <i>Oncogene</i> , 2010, 29, 1741-1752.	5.9	165
24	Cannabinoid exposure and altered DNA methylation in rat and human sperm. <i>Epigenetics</i> , 2018, 13, 1208-1221.	2.7	160
25	Obesity-related DNA methylation at imprinted genes in human sperm: Results from the TIEGER study. <i>Clinical Epigenetics</i> , 2016, 8, 51.	4.1	151
26	Epigenome-wide meta-analysis of DNA methylation and childhood asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 2062-2074.	2.9	147
27	Differentially Methylated Regions of Imprinted Genes in Prenatal, Perinatal and Postnatal Human Tissues. <i>PLoS ONE</i> , 2012, 7, e40924.	2.5	143
28	Temporal Trends in Exposure to Organophosphate Flame Retardants in the United States. <i>Environmental Science and Technology Letters</i> , 2017, 4, 112-118.	8.7	142
29	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
30	Frequent IGF2/H19 Domain Epigenetic Alterations and Elevated IGF2 Expression in Epithelial Ovarian Cancer. <i>Molecular Cancer Research</i> , 2006, 4, 283-292.	3.4	130
31	Downregulation of SNCA Expression by Targeted Editing of DNA Methylation: A Potential Strategy for Precision Therapy in PD. <i>Molecular Therapy</i> , 2018, 26, 2638-2649.	8.2	127
32	Insulin-Like Growth Factor 2/H19 Methylation at Birth and Risk of Overweight and Obesity in Children. <i>Journal of Pediatrics</i> , 2012, 161, 31-39.	1.8	123
33	Histone H3.3K27M Represses <i>p16</i> to Accelerate Gliomagenesis in a Murine Model of DIPG. <i>Molecular Cancer Research</i> , 2017, 15, 1243-1254.	3.4	120
34	Associations between antibiotic exposure during pregnancy, birth weight and aberrant methylation at imprinted genes among offspring. <i>International Journal of Obesity</i> , 2013, 37, 907-913.	3.4	118
35	Distinct Epigenetic Effects of Tobacco Smoking in Whole Blood and among Leukocyte Subtypes. <i>PLoS ONE</i> , 2016, 11, e0166486.	2.5	113
36	Folic acid supplementation before and during pregnancy in the Newborn Epigenetics Study (NEST). <i>BMC Public Health</i> , 2011, 11, 46.	2.9	110

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37	Loss of Betaglycan Expression in Ovarian Cancer: Role in Motility and Invasion. <i>Cancer Research</i> , 2007, 67, 5231-5238.	0.9	108
38	Cohort Profile: Pregnancy And Childhood Epigenetics (PACE) Consortium. <i>International Journal of Epidemiology</i> , 2018, 47, 22-23u.	1.9	105
39	Association of cord blood methylation fractions at imprinted insulin-like growth factor 2 (IGF2), plasma IGF2, and birth weight. <i>Cancer Causes and Control</i> , 2012, 23, 635-645.	1.8	102
40	Maternal cadmium, iron and zinc levels, DNA methylation and birth weight. <i>BMC Pharmacology &amp; Toxicology</i> , 2015, 16, 20.	2.4	95
41	Cancer Susceptibility: Epigenetic Manifestation of Environmental Exposures. <i>Cancer Journal (Sudbury, Tj ETQq1 1 0.784314 ggBT /Over</i>	2.0	95
42	Maternal Stress, Preterm Birth, and DNA Methylation at Imprint Regulatory Sequences in Humans. <i>Genetics &amp; Epigenetics</i> , 2014, 6, GEG.S18067.	2.5	93
43	The Neuronatin Gene Resides in a "Micro-imprinted" Domain on Human Chromosome 20q11.2. <i>Genomics</i> , 2001, 77, 99-104.	2.9	82
44	Alterations of a Cellular Cholesterol Metabolism Network Are a Molecular Feature of Obesity-Related Type 2 Diabetes and Cardiovascular Disease. <i>Diabetes</i> , 2015, 64, 3464-3474.	0.6	82
45	Comprehensive Profiling of Amino Acid Response Uncovers Unique Methionine-Deprived Response Dependent on Intact Creatine Biosynthesis. <i>PLoS Genetics</i> , 2015, 11, e1005158.	3.5	79
46	Epigenetic suppression of the TGF-beta pathway revealed by transcriptome profiling in ovarian cancer. <i>Genome Research</i> , 2011, 21, 74-82.	5.5	78
47	Analysis of methylation-sensitive transcriptome identifies GADD45a as a frequently methylated gene in breast cancer. <i>Oncogene</i> , 2005, 24, 2705-2714.	5.9	76
48	The Human Imprintome: Regulatory Mechanisms, Methods of Ascertainment, and Roles in Disease Susceptibility. <i>ILAR Journal</i> , 2012, 53, 341-358.	1.8	76
49	Associations between Methylation of Paternally Expressed Gene 3 (PEG3), Cervical Intraepithelial Neoplasia and Invasive Cervical Cancer. <i>PLoS ONE</i> , 2013, 8, e56325.	2.5	73
50	Erythrocyte folate concentrations, CpG methylation at genomically imprinted domains, and birth weight in a multiethnic newborn cohort. <i>Epigenetics</i> , 2014, 9, 1120-1130.	2.7	73
51	Genome Nucleotide Lengths That Are Divisible by Six Are Not Essential but Enhance Replication of Defective Interfering RNAs of the Paramyxovirus Simian Virus 5. <i>Virology</i> , 1997, 232, 145-157.	2.4	72
52	Epigenetic detection of human chromosome 14 uniparental disomy. <i>Human Mutation</i> , 2003, 22, 92-97.	2.5	72
53	Ovarian cancer tumor infiltrating T-regulatory (Treg) cells are associated with a metastatic phenotype. <i>Gynecologic Oncology</i> , 2010, 116, 556-562.	1.4	71
54	DNA Methylation of Regulatory Regions of Imprinted Genes at Birth and Its Relation to Infant Temperament. <i>Genetics &amp; Epigenetics</i> , 2016, 8, GEG.S40538.	2.5	71

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55	Establishment of a Novel Histopathological Classification of High-Grade Serous Ovarian Carcinoma Correlated with Prognostically Distinct Gene Expression Subtypes. <i>American Journal of Pathology</i> , 2016, 186, 1103-1113.	3.8	71
56	Maternal blood cadmium, lead and arsenic levels, nutrient combinations, and offspring birthweight. <i>BMC Public Health</i> , 2017, 17, 354.	2.9	69
57	High throughput detection of M6P/IGF2R intronic hypermethylation and LOH in ovarian cancer. <i>Nucleic Acids Research</i> , 2006, 34, 555-563.	14.5	68
58	Maternal inflammatory diet and adverse pregnancy outcomes: Circulating cytokines and genomic imprinting as potential regulators?. <i>Epigenetics</i> , 2017, 12, 688-697.	2.7	68
59	A Functional Antigenomic Promoter for the Paramyxovirus Simian Virus 5 Requires Proper Spacing between an Essential Internal Segment and the 3' Terminus. <i>Journal of Virology</i> , 1998, 72, 10-19.	3.4	68
60	Microarray Analysis of Early Stage Serous Ovarian Cancers Shows Profiles Predictive of Favorable Outcome. <i>Clinical Cancer Research</i> , 2009, 15, 2448-2455.	7.0	67
61	STAT1 Drives Tumor Progression in Serous Papillary Endometrial Cancer. <i>Cancer Research</i> , 2014, 74, 6519-6530.	0.9	66
62	Epigenetic regulation of Newborns' imprinted genes related to gestational growth: patterning by parental race/ethnicity and maternal socioeconomic status. <i>Journal of Epidemiology and Community Health</i> , 2015, 69, 639-647.	3.7	66
63	Global Expression Analysis of Cancer/Testis Genes in Uterine Cancers Reveals a High Incidence of BORIS Expression. <i>Clinical Cancer Research</i> , 2007, 13, 1713-1719.	7.0	64
64	Comparison of smoking-related DNA methylation between newborns from prenatal exposure and adults from personal smoking. <i>Epigenomics</i> , 2019, 11, 1487-1500.	2.1	64
65	The activated transforming growth factor- $\beta$ signaling pathway in peritoneal metastases is a potential therapeutic target in ovarian cancer. <i>International Journal of Cancer</i> , 2012, 130, 20-28.	5.1	62
66	DNA methylation at imprint regulatory regions in preterm birth and infection. <i>American Journal of Obstetrics and Gynecology</i> , 2013, 208, 395.e1-395.e7.	1.3	62
67	HPV genotypes and cervical intraepithelial neoplasia in a multiethnic cohort in the southeastern USA. <i>Cancer Causes and Control</i> , 2014, 25, 1055-1062.	1.8	62
68	Lead Exposure during Early Human Development and DNA Methylation of Imprinted Gene Regulatory Elements in Adulthood. <i>Environmental Health Perspectives</i> , 2016, 124, 666-673.	6.0	61
69	Paternal THC exposure in rats causes long-lasting neurobehavioral effects in the offspring. <i>Neurotoxicology and Teratology</i> , 2019, 74, 106806.	2.4	61
70	Cannabis use is associated with potentially heritable widespread changes in autism candidate gene <i>DLGAP2</i> DNA methylation in sperm. <i>Epigenetics</i> , 2020, 15, 161-173.	2.7	61
71	Maternal pre-pregnancy obesity, offspring cord blood DNA methylation, and offspring cardiometabolic health in early childhood: an epigenome-wide association study. <i>Epigenetics</i> , 2019, 14, 325-340.	2.7	59
72	Elevated <i>MAL</i> expression is accompanied by promoter hypomethylation and platinum resistance in epithelial ovarian cancer. <i>International Journal of Cancer</i> , 2010, 126, 1378-1389.	5.1	57

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73	Quantitative detection of RASSF1A DNA promoter methylation in tumors and serum of patients with serous epithelial ovarian cancer. <i>Gynecologic Oncology</i> , 2011, 123, 581-587.	1.4	57
74	Hepatocyte nuclear factor-1 $\beta$ (HNF-1 $\beta$ ) promotes glucose uptake and glycolytic activity in ovarian clear cell carcinoma. <i>Molecular Carcinogenesis</i> , 2015, 54, 35-49.	2.7	57
75	Mitochondrial Superoxide Dismutase Has a Protumorigenic Role in Ovarian Clear Cell Carcinoma. <i>Cancer Research</i> , 2015, 75, 4973-4984.	0.9	57
76	Imprinting of PEG3, the Human Homologue of a Mouse Gene Involved in Nurturing Behavior. <i>Genomics</i> , 2001, 71, 110-117.	2.9	56
77	Yin Yang 1 Modulates Taxane Response in Epithelial Ovarian Cancer. <i>Molecular Cancer Research</i> , 2009, 7, 210-220.	3.4	54
78	Cadmium exposure increases the risk of juvenile obesity: a human and zebrafish comparative study. <i>International Journal of Obesity</i> , 2018, 42, 1285-1295.	3.4	54
79	Association between DNA methylation and ADHD symptoms from birth to school age: a prospective meta-analysis. <i>Translational Psychiatry</i> , 2020, 10, 398.	4.8	54
80	The effects of depression and use of antidepressive medicines during pregnancy on the methylation status of the IGF2 imprinted control regions in the offspring. <i>Clinical Epigenetics</i> , 2011, 3, 2.	4.1	53
81	Trinucleotide Repeat Polymorphisms in the Androgen Receptor Gene and Risk of Ovarian Cancer. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2007, 16, 473-480.	2.5	51
82	Blood monocyte transcriptome and epigenome analyses reveal loci associated with human atherosclerosis. <i>Nature Communications</i> , 2017, 8, 393.	12.8	51
83	Inactivation of the <i>MAL</i> Gene in Breast Cancer Is a Common Event That Predicts Benefit from Adjuvant Chemotherapy. <i>Molecular Cancer Research</i> , 2009, 7, 199-209.	3.4	50
84	RNA Replication for the Paramyxovirus Simian Virus 5 Requires an Internal Repeated (CGNNNN) Sequence Motif. <i>Journal of Virology</i> , 1999, 73, 805-809.	3.4	49
85	Maternal B vitamins: effects on offspring weight and DNA methylation at genomically imprinted domains. <i>Clinical Epigenetics</i> , 2016, 8, 8.	4.1	47
86	Expression signatures of TP53 mutations in serous ovarian cancers. <i>BMC Cancer</i> , 2010, 10, 237.	2.6	46
87	PEG1/MEST and IGF2 DNA methylation in CIN and in cervical cancer. <i>Clinical and Translational Oncology</i> , 2014, 16, 266-272.	2.4	46
88	Stress affects uterine receptivity through an ovarian-independent pathway. <i>Human Reproduction</i> , 2009, 24, 945-953.	0.9	45
89	An Imprinted PEG1/MEST Antisense Expressed Predominantly in Human Testis and in Mature Spermatozoa. <i>Journal of Biological Chemistry</i> , 2002, 277, 13518-13527.	3.4	44
90	Imprint regulatory elements as epigenetic biosensors of exposure in epidemiological studies. <i>Journal of Epidemiology and Community Health</i> , 2009, 63, 683-684.	3.7	44

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91	Periconceptual Maternal Mediterranean Diet Is Associated With Favorable Offspring Behaviors and Altered CpG Methylation of Imprinted Genes. <i>Frontiers in Cell and Developmental Biology</i> , 2018, 6, 107.	3.7	43
92	Imprinted Genes as Potential Genetic and Epigenetic Toxicologic Targets. <i>Environmental Health Perspectives</i> , 2000, 108, 5.	6.0	42
93	Human exposure to flame-retardants is associated with aberrant DNA methylation at imprinted genes in sperm. <i>Environmental Epigenetics</i> , 2017, 3, dx003.	1.8	42
94	Phylogenetic Footprint Analysis of <i>IGF2</i> in Extant Mammals. <i>Genome Research</i> , 2004, 14, 1726-1732.	5.5	41
95	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
96	Refraining from use diminishes cannabis-associated epigenetic changes in human sperm. <i>Environmental Epigenetics</i> , 2021, 7, dvab009.	1.8	41
97	Epigenetic determinants of ovarian clear cell carcinoma biology. <i>International Journal of Cancer</i> , 2014, 135, 585-597.	5.1	40
98	Abnormal postnatal maintenance of elevated DLK1 transcript levels in callipyge sheep. <i>Mammalian Genome</i> , 2005, 16, 171-183.	2.2	38
99	Maternal blood lead concentrations, DNA methylation of MEG3 DMR regulating the DLK1/MEG3 imprinted domain and early growth in a multiethnic cohort. <i>Environmental Epigenetics</i> , 2016, 2, .	1.8	38
100	GPR54 Is a Target for Suppression of Metastasis in Endometrial Cancer. <i>Molecular Cancer Therapeutics</i> , 2011, 10, 580-590.	4.1	37
101	Associations between prenatal physical activity, birth weight, and DNA methylation at genomically imprinted domains in a multiethnic newborn cohort. <i>Epigenetics</i> , 2015, 10, 597-606.	2.7	37
102	ACLY and ACC1 Regulate Hypoxia-Induced Apoptosis by Modulating ETV4 via $\alpha$ -ketoglutarate. <i>PLoS Genetics</i> , 2015, 11, e1005599.	3.5	36
103	Ascites Increases Expression/Function of Multidrug Resistance Proteins in Ovarian Cancer Cells. <i>PLoS ONE</i> , 2015, 10, e0131579.	2.5	36
104	Dasatinib (BMS-35482) has synergistic activity with paclitaxel and carboplatin in ovarian cancer cells. <i>Gynecologic Oncology</i> , 2011, 121, 187-192.	1.4	35
105	Effects of temperature abuse on survival of <i>Vibrio vulnificus</i> in oysters. <i>Applied and Environmental Microbiology</i> , 1992, 58, 2771-2775.	3.1	34
106	Mouse Models of Epigenetic Inheritance. , 2011, , 233-249.		33
107	Distribution of HPV genotypes in cervical intraepithelial lesions and cervical cancer in Tanzanian women. <i>Infectious Agents and Cancer</i> , 2011, 6, 20.	2.6	33
108	The BMP signaling pathway leads to enhanced proliferation in serous ovarian cancer-A potential therapeutic target. <i>Molecular Carcinogenesis</i> , 2016, 55, 335-345.	2.7	33

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109	DNA methylation of imprinted genes in Mexican-American newborn children with prenatal phthalate exposure. <i>Epigenomics</i> , 2018, 10, 1011-1026.	2.1	33
110	Sperm DNA methylation altered by THC and nicotine: Vulnerability of neurodevelopmental genes with bivalent chromatin. <i>Scientific Reports</i> , 2020, 10, 16022.	3.3	33
111	Sorafenib efficacy in ovarian clear cell carcinoma revealed by transcriptome profiling. <i>Cancer Science</i> , 2010, 101, 2658-2663.	3.9	32
112	Callipyge mutation affects gene expression in <i>cis</i> : A potential role for chromatin structure. <i>Genome Research</i> , 2006, 16, 340-346.	5.5	31
113	Geographic clustering of elevated blood heavy metal levels in pregnant women. <i>BMC Public Health</i> , 2015, 15, 1035.	2.9	30
114	Low maternal adherence to a Mediterranean diet is associated with increase in methylation at the MEG3-IG differentially methylated region in female infants. <i>Environmental Epigenetics</i> , 2017, 3, dx007.	1.8	30
115	Associations between maternal cytokine levels during gestation and measures of child cognitive abilities and executive functioning. <i>Brain, Behavior, and Immunity</i> , 2018, 70, 390-397.	4.1	30
116	MTAP Loss Promotes Stemness in Glioblastoma and Confers Unique Susceptibility to Purine Starvation. <i>Cancer Research</i> , 2019, 79, 3383-3394.	0.9	30
117	Targeting slow-proliferating ovarian cancer cells. <i>International Journal of Cancer</i> , 2010, 126, 2448-2456.	5.1	28
118	Neighborhood and Family Environment of Expectant Mothers May Influence Prenatal Programming of Adult Cancer Risk: Discussion and an Illustrative DNA Methylation Example. <i>Biodemography and Social Biology</i> , 2016, 62, 87-104.	1.0	28
119	Suppression of <i>ABHD2</i> , identified through a functional genomics screen, causes anoikis resistance, chemoresistance and poor prognosis in ovarian cancer. <i>Oncotarget</i> , 2016, 7, 47620-47636.	1.8	28
120	Maternal BMI, IGF-I Levels, and Birth Weight in African American and White Infants. <i>International Journal of Pediatrics (United Kingdom)</i> , 2013, 2013, 1-7.	0.8	27
121	DNA methylation of imprinted genes at birth is associated with child weight status at birth, 1 year, and 3 years. <i>Clinical Epigenetics</i> , 2018, 10, 90.	4.1	27
122	Targeting Ovarian Cancer-Initiating Cells. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2010, 10, 157-163.	1.7	26
123	Bisulfite Pyrosequencing. <i>Methods in Molecular Biology</i> , 2013, 1049, 95-107.	0.9	25
124	Paternal nicotine exposure in rats produces long-lasting neurobehavioral effects in the offspring. <i>Neurotoxicology and Teratology</i> , 2019, 74, 106808.	2.4	25
125	Convergent and divergent evolution of genomic imprinting in the marsupial <i>Monodelphis domestica</i> . <i>BMC Genomics</i> , 2012, 13, 394.	2.8	24
126	Validation of ovarian cancer gene expression signatures for survival and subtype in formalin fixed paraffin embedded tissues. <i>Gynecologic Oncology</i> , 2013, 129, 159-164.	1.4	24

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127	Early prenatal vitamin D concentrations and social-emotional development in infants. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2019, 32, 1441-1448.	1.5	24
128	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
129	MLH1 expression sensitises ovarian cancer cells to cell death mediated by XIAP inhibition. <i>British Journal of Cancer</i> , 2009, 101, 269-277.	6.4	23
130	Investigating Epigenetic Effects of Prenatal Exposure to Toxic Metals in Newborns: Challenges and Benefits. <i>Medical Epigenetics</i> , 2014, 2, 53-59.	262.3	23
131	Cannabis use and the sperm epigenome: a budding concern?. <i>Environmental Epigenetics</i> , 2020, 6, dvaa002.	1.8	23
132	Paternal factors in neurodevelopmental toxicology: THC exposure of male rats causes long-lasting neurobehavioral effects in their offspring. <i>NeuroToxicology</i> , 2020, 78, 57-63.	3.0	23
133	Genomic sweeping for hypermethylated genes. <i>Bioinformatics</i> , 2007, 23, 281-288.	4.1	22
134	Imprinted expression of the canine <i>IGF2R</i> , in the absence of an antisense transcript or promoter methylation. <i>Evolution &amp; Development</i> , 2007, 9, 579-589.	2.0	22
135	Imprinted Genes and the Environment: Links to the Toxic Metals Arsenic, Cadmium and Lead. <i>Genes</i> , 2014, 5, 477-496.	2.4	22
136	Association between Prepregnancy Body Mass Index and Gestational Weight Gain with Size, Tempo, and Velocity of Infant Growth: Analysis of the Newborn Epigenetic Study Cohort. <i>Childhood Obesity</i> , 2016, 12, 210-218.	1.5	22
137	Epigenetic regulation of AXL and risk of childhood asthma symptoms. <i>Clinical Epigenetics</i> , 2017, 9, 121.	4.1	22
138	RNA Replication from the Simian Virus 5 Antigenomic Promoter Requires Three Sequence-Dependent Elements Separated by Sequence-Independent Spacer Regions. <i>Journal of Virology</i> , 2001, 75, 3993-3998.	3.4	21
139	Regulation of the metastasis suppressor gene MKK4 in ovarian cancer. <i>Gynecologic Oncology</i> , 2007, 105, 312-320.	1.4	21
140	Invasion of uterine cervical squamous cell carcinoma cells is facilitated by locoregional interaction with cancer-associated fibroblasts via activating transforming growth factor-beta. <i>Gynecologic Oncology</i> , 2015, 136, 104-111.	1.4	21
141	In vitro lead exposure changes DNA methylation and expression of IGF2 and PEG1/MEST. <i>Toxicology in Vitro</i> , 2015, 29, 544-550.	2.4	21
142	A targeted analysis reveals relevant shifts in the methylation and transcription of genes responsible for bile acid homeostasis and drug metabolism in non-alcoholic fatty liver disease. <i>BMC Genomics</i> , 2016, 17, 462.	2.8	21
143	Methylation-Specific PCR. <i>Methods in Molecular Biology</i> , 2013, 1049, 75-82.	0.9	20
144	Epigenetic Regulation of GDF2 Suppresses Anoikis in Ovarian and Breast Epithelia. <i>Neoplasia</i> , 2015, 17, 826-838.	5.3	20

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145	Menstrual cyclic change of metastin/GPR54 in endometrium. <i>Medical Molecular Morphology</i> , 2015, 48, 76-84.	1.0	20
146	Pre-Pregnancy Weight and Symptoms of Attention Deficit Hyperactivity Disorder and Executive Functioning Behaviors in Preschool Children. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 667.	2.6	20
147	Male obesity impacts DNA methylation reprogramming in sperm. <i>Clinical Epigenetics</i> , 2021, 13, 17.	4.1	20
148	<i>IGF2R</i> polymorphisms and risk of esophageal and gastric adenocarcinomas. <i>International Journal of Cancer</i> , 2009, 125, 2673-2678.	5.1	19
149	Epigenetic silencing of Kruppel like factor-3 increases expression of pro-metastatic miR-182. <i>Cancer Letters</i> , 2015, 369, 202-211.	7.2	19
150	Novel retrotransposed imprinted locus identified at human 6p25. <i>Nucleic Acids Research</i> , 2011, 39, 5388-5400.	14.5	18
151	Exclusion of maternal uniparental disomy of chromosome 14 in patients referred for Prader-Willi syndrome using a multiplex methylation polymerase chain reaction assay. <i>Journal of Medical Genetics</i> , 2003, 40, 46e-46.	3.2	17
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