

# Andrea A Baccarelli

## List of Publications by Year in descending order

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Version: 2024-02-01

339  
papers

22,413  
citations

16791

66  
h-index

14779

131  
g-index

351  
all docs

351  
docs citations

351  
times ranked

24571  
citing authors

#	ARTICLE	IF	CITATIONS
1	White matter microstructural variability linked to differential attentional skills and impulsive behavior in a pediatric population. <i>Cerebral Cortex</i> , 2023, 33, 1895-1912.	1.6	5
2	A methodological pipeline to generate an epigenetic marker of prenatal exposure to air pollution indicators. <i>Epigenetics</i> , 2022, 17, 32-40.	1.3	8
3	Large-Scale Hypothesis Testing for Causal Mediation Effects with Applications in Genome-wide Epigenetic Studies. <i>Journal of the American Statistical Association</i> , 2022, 117, 67-81.	1.8	35
4	Impact of paternal education on epigenetic ageing in adolescence and mid-adulthood: a multi-cohort study in the USA and Mexico. <i>International Journal of Epidemiology</i> , 2022, 51, 870-884.	0.9	6
5	Associations between infant sex and DNA methylation across umbilical cord blood, artery, and placenta samples. <i>Epigenetics</i> , 2022, 17, 1080-1097.	1.3	14
6	Prenatal maternal phthalate exposures and trajectories of childhood adiposity from four to twelve years. <i>Environmental Research</i> , 2022, 204, 112111.	3.7	8
7	Critical windows of perinatal particulate matter (PM2.5) exposure and preadolescent kidney function. <i>Environmental Research</i> , 2022, 204, 112062.	3.7	5
8	Role of brain extracellular vesicles in air pollution-related cognitive impairment and neurodegeneration. <i>Environmental Research</i> , 2022, 204, 112316.	3.7	13
9	Prenatal particulate matter exposure and mitochondrial mutational load at the maternal-fetal interface: Effect modification by genetic ancestry. <i>Mitochondrion</i> , 2022, 62, 102-110.	1.6	8
10	Marine pollutant exposures and human milk extracellular vesicle-microRNAs in a mother-infant cohort from the Faroe Islands. <i>Environment International</i> , 2022, 158, 106986.	4.8	11
11	Department Chairs Weigh In: Environmental Health Education Is More Essential Than Ever. <i>American Journal of Public Health</i> , 2022, 112, 75-76.	1.5	0
12	The relationship between persistent organic pollutants and Attention Deficit Hyperactivity Disorder phenotypes: Evidence from task-based neural activity in an observational study of a community sample of Canadian mother-child dyads. <i>Environmental Research</i> , 2022, 206, 112593.	3.7	7
13	Prenatal lead exposure, telomere length in cord blood, and DNA methylation age in the PROGRESS prenatal cohort. <i>Environmental Research</i> , 2022, 205, 112577.	3.7	11
14	Associations of Childhood and Perinatal Blood Metals with Children's Gut Microbiomes in a Canadian Gestation Cohort. <i>Environmental Health Perspectives</i> , 2022, 130, 17007.	2.8	13
15	DunedinPACE, a DNA methylation biomarker of the pace of aging. <i>ELife</i> , 2022, 11, .	2.8	214
16	Prenatal phthalates, gestational weight gain, and long-term weight changes among Mexican women. <i>Environmental Research</i> , 2022, 209, 112835.	3.7	4
17	An exposomic framework to uncover environmental drivers of aging. <i>Exposome</i> , 2022, 2, osac002.	1.2	12
18	Mid-life epigenetic age, neuroimaging brain age, and cognitive function: coronary artery risk development in young adults (CARDIA) study. <i>Aging</i> , 2022, 14, 1691-1712.	1.4	16

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19	Gestational Perfluoroalkyl Substance Exposure and DNA Methylation at Birth and 12 Years of Age: A Longitudinal Epigenome-Wide Association Study. <i>Environmental Health Perspectives</i> , 2022, 130, 37005.	2.8	24
20	Association of Prenatal Acetaminophen Exposure Measured in Meconium With Adverse Birth Outcomes in a Canadian Birth Cohort. <i>Frontiers in Pediatrics</i> , 2022, 10, 828089.	0.9	0
21	Predicting chemical ecotoxicity by learning latent space chemical representations. <i>Environment International</i> , 2022, 163, 107224.	4.8	5
22	The role of outdoor and indoor air quality in the spread of SARS-CoV-2: Overview and recommendations by the research group on COVID-19 and particulate matter (RESCOP commission). <i>Environmental Research</i> , 2022, 211, 113038.	3.7	42
23	Environmental Exposures and Extracellular Vesicles: Indicators of Systemic Effects and Human Disease. <i>Current Environmental Health Reports</i> , 2022, 9, 465-476.	3.2	18
24	Integrative analysis of clinical and epigenetic biomarkers of mortality. <i>Aging Cell</i> , 2022, 21, e13608.	3.0	8
25	Pulmonary Function and Blood DNA Methylation: A Multiancestry Epigenome-Wide Association Meta-analysis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 206, 321-336.	2.5	15
26	DNA methylation signature of chronic low-grade inflammation and its role in cardio-respiratory diseases. <i>Nature Communications</i> , 2022, 13, 2408.	5.8	26
27	Gaseous air pollutants and DNA methylation in a methylome-wide association study of an ethnically and environmentally diverse population of U.S. adults. <i>Environmental Research</i> , 2022, 212, 113360.	3.7	7
28	Association of DNA methylation in circulating CD4+T cells with short-term PM2.5 pollution waves: A quasi-experimental study of healthy young adults. <i>Ecotoxicology and Environmental Safety</i> , 2022, 239, 113634.	2.9	3
29	Environmentally Just Futures: A Collection of Community-Driven African Environmental Education and Improvement Initiatives. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 6622.	1.2	2
30	Predictors of patterns of weight change 1 year after delivery in a cohort of Mexican women. <i>Public Health Nutrition</i> , 2021, 24, 4113-4123.	1.1	4
31	Prenatal gestational diabetes mellitus exposure and accelerated offspring DNA methylation age in early childhood. <i>Epigenetics</i> , 2021, 16, 186-195.	1.3	25
32	Associations between maternal lifetime stressors and negative events in pregnancy and breast milk-derived extracellular vesicle microRNAs in the programming of intergenerational stress mechanisms (PRISM) pregnancy cohort. <i>Epigenetics</i> , 2021, 16, 389-404.	1.3	20
33	Testing cell-type-specific mediation effects in genome-wide epigenetic studies. <i>Briefings in Bioinformatics</i> , 2021, 22, .	3.2	5
34	Prenatal maternal phthalate exposures and child lipid and adipokine levels at age six: A study from the PROGRESS cohort of Mexico City. <i>Environmental Research</i> , 2021, 192, 110341.	3.7	13
35	DNA methylation-based biomarkers of age acceleration and all-cause death, myocardial infarction, stroke, and cancer in two cohorts: The NAS, and KORA F4. <i>EBioMedicine</i> , 2021, 63, 103151.	2.7	42
36	Cord blood androgen levels of females from same sex and opposite sex twins – A pilot study. <i>Clinical Endocrinology</i> , 2021, 94, 85-89.	1.2	2

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37	Blood DNA methylation biomarkers of cumulative lead exposure in adults. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2021, 31, 108-116.	1.8	21
38	Maternal anxiety during pregnancy and newborn epigenome-wide DNA methylation. <i>Molecular Psychiatry</i> , 2021, 26, 1832-1845.	4.1	24
39	Hallmarks of environmental insults. <i>Cell</i> , 2021, 184, 1455-1468.	13.5	177
40	Mental Health of High-Risk Urban Youth: The Housing Subsidies Paradox. <i>Race and Social Problems</i> , 2021, 13, 22-33.	1.2	0
41	Long-term PM2.5 exposure before diagnosis is associated with worse outcome in breast cancer. <i>Breast Cancer Research and Treatment</i> , 2021, 188, 525-533.	1.1	8
42	DNA methylation architecture of the ACE2 gene in nasal cells of children. <i>Scientific Reports</i> , 2021, 11, 7107.	1.6	21
43	Associations Between Maternal Lifetime Stress and Placental Mitochondrial DNA Mutations in an Urban Multiethnic Cohort. <i>Biological Psychiatry</i> , 2021, 89, 570-578.	0.7	11
44	Human milk extracellular vesicle miRNA expression and associations with maternal characteristics in a population-based cohort from the Faroe Islands. <i>Scientific Reports</i> , 2021, 11, 5840.	1.6	34
45	Nanoparticle Tracking Analysis for the Quantification and Size Determination of Extracellular Vesicles. <i>Journal of Visualized Experiments</i> , 2021, , .	0.2	21
46	Epigenome-wide association study of kidney function identifies trans-ethnic and ethnic-specific loci. <i>Genome Medicine</i> , 2021, 13, 74.	3.6	20
47	Exosomal miRNAs in urine associated with children's cardiorenal parameters: a cross-sectional study. <i>Epigenomics</i> , 2021, 13, 499-512.	1.0	3
48	Short-term air pollution, cognitive performance and nonsteroidal anti-inflammatory drug use in the Veterans Affairs Normative Aging Study. <i>Nature Aging</i> , 2021, 1, 430-437.	5.3	33
49	The association between prenatal concentrations of polybrominated diphenyl ether and child cognitive and psychomotor function. <i>Environmental Epidemiology</i> , 2021, 5, e156.	1.4	3
50	A multi-ethnic epigenome-wide association study of leukocyte DNA methylation and blood lipids. <i>Nature Communications</i> , 2021, 12, 3987.	5.8	18
51	Epigenetic Aging Biomarkers Associated With Cognitive Impairment in Older African American Adults With Human Immunodeficiency Virus (HIV). <i>Clinical Infectious Diseases</i> , 2021, 73, 1982-1991.	2.9	14
52	DNAm-based signatures of accelerated aging and mortality in blood are associated with low renal function. <i>Clinical Epigenetics</i> , 2021, 13, 121.	1.8	13
53	Dietary fat intake during early pregnancy is associated with cord blood DNA methylation at <i>IGF2</i> and <i>H19</i> genes in newborns. <i>Environmental and Molecular Mutagenesis</i> , 2021, 62, 388-398.	0.9	9
54	Placental mitochondrial DNA mutational load and perinatal outcomes: Findings from a multi-ethnic pregnancy cohort. <i>Mitochondrion</i> , 2021, 59, 267-275.	1.6	8

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55	Telomere dynamics across the early life course: Findings from a longitudinal study in children. <i>Psychoneuroendocrinology</i> , 2021, 129, 105270.	1.3	10
56	Risks of Macrosomia Associated with Catechol-O-Methyltransferase Genotypes and Geneticâ€“Epigenetic Interactions among Children with and without Gestational Diabetes Exposure. <i>Childhood Obesity</i> , 2021, 17, 365-370.	0.8	0
57	Causal mediation analysis with latent subgroups. <i>Statistics in Medicine</i> , 2021, 40, 5628-5641.	0.8	1
58	Prenatal Household Air Pollution Exposure, Cord Blood Mononuclear Cell Telomere Length and Age Four Blood Pressure: Evidence from a Ghanaian Pregnancy Cohort. <i>Toxics</i> , 2021, 9, 169.	1.6	12
59	Epigenetically mediated electrocardiographic manifestations of sub-chronic exposures to ambient particulate matter air pollution in the Women's Health Initiative and Atherosclerosis Risk in Communities Study. <i>Environmental Research</i> , 2021, 198, 111211.	3.7	4
60	Assessing the Effects of Metal Mixtures in Urine and Blood on Kidney Function. <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	0
61	Associations between air pollution and temperature on glycated hemoglobin levels in women of child bearing age. <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	0
62	Critical windows of perinatal particulate matter (PM2.5) exposure and preadolescent kidney function. <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	0
63	Epigenetic Age in Young African American Adults With Perinatally Acquired HIV. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2021, 87, 1102-1109.	0.9	9
64	Blood DNA Methylation and Incident Coronary Heart Disease. <i>JAMA Cardiology</i> , 2021, 6, 1237.	3.0	24
65	The Hallmarks of Aging and Environmental Insults: Molecular Mechanisms. <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	0
66	Metal exposure and bone remodeling during pregnancy: Results from the PROGRESS cohort study. <i>Environmental Pollution</i> , 2021, 282, 116962.	3.7	11
67	Prenatal lead exposure, telomere length in cord blood and DNA methylation age in the PROGRESS cohort. <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	0
68	Residential PM2.5 exposure and the nasal methylome in children. <i>Environment International</i> , 2021, 153, 106505.	4.8	10
69	Long-term particulate matter exposure and bone mineral density in the Womenâ€™s Health Initiative. <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	0
70	Associations between liver PFAS concentrations and plasma extracellular miRNAs in a cohort of adolescents undergoing bariatric surgery. <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	0
71	Nasal DNA Methylation Architecture of the {ACE2} gene and Epigenetic Aging. <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	0
72	Nephrotoxic Metal Mixtures and Preadolescent Kidney Function. <i>Children</i> , 2021, 8, 673.	0.6	5

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73	Associations between maternal asthma and atopy and breast milk-derived extracellular vesicle microRNA profiles in the PRISM pregnancy cohort. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
74	Associations between indoor temperature and noise and semen parameters among participants in the US-based general population Growing Up Today Study. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
75	Infant sex and DNA methylation: differentially methylated regions and positions across umbilical cord blood, artery, and placenta samples. ISEE Conference Abstracts, 2021, 2021, .	0.0	1
76	Prenatal metal exposure, cord blood DNA methylation and persistence in childhood: epigenome-wide association study of twelve metals. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
77	Novel epigenetic link between gestational diabetes mellitus and macrosomia. Epigenomics, 2021, 13, 1221-1230.	1.0	4
78	In Utero Exposure to Persistent Organic Pollutants and Childhood Lipid Levels. Metabolites, 2021, 11, 657.	1.3	10
79	Prenatal blood lead levels and reduced preadolescent glomerular filtration rate: Modification by body mass index. Environment International, 2021, 154, 106414.	4.8	10
80	Effect of School Integrated Pest Management or Classroom Air Filter Purifiers on Asthma Symptoms in Students With Active Asthma. JAMA - Journal of the American Medical Association, 2021, 326, 839.	3.8	45
81	Short-Term Ambient Particulate Air Pollution and Hospitalization Expenditures of Cause-Specific Cardiorespiratory Diseases in China: A Multicity Analysis. The Lancet Regional Health - Western Pacific, 2021, 15, 100232.	1.3	15
82	Prenatal urinary concentrations of phthalate metabolites and behavioral problems in Mexican children: The Programming Research in Obesity, Growth Environment and Social Stress (PROGRESS) study. Environmental Research, 2021, 201, 111338.	3.7	6
83	Short-term exposure to PM2.5 components and renal health: Findings from the Veterans Affairs Normative Aging Study. Journal of Hazardous Materials, 2021, 420, 126557.	6.5	20
84	The associations of phthalate biomarkers during pregnancy with later glycemia and lipid profiles. Environment International, 2021, 155, 106612.	4.8	14
85	L-arginine supplementation to mitigate cardiovascular effects of walking outside in the context of traffic-related air pollution in participants with elevated blood pressure: A randomized, double-blind, placebo-controlled trial. Environment International, 2021, 156, 106631.	4.8	5
86	Isolation and characterization of extracellular vesicles in saliva of children with asthma. , 2021, 2, 29-48.		11
87	Extracellular vesicles and female reproduction. Journal of Assisted Reproduction and Genetics, 2021, 38, 549-557.	1.2	17
88	Special focus issue on epigenomics and health disparities: foreword. Epigenomics, 2021, 13, 1673-1676.	1.0	0
89	Stress and spirituality in relation to HPA axis gene methylation among US Black women: results from the Black Women's Health Study and the Study on Stress, Spirituality and Health. Epigenomics, 2021, 13, 1711-1734.	1.0	3
90	Is your environment making you older? Molecular biomarkers and new approaches to investigate the influences of environmental chemicals through aging. Medicina Del Lavoro, 2021, 112, 8-14.	0.3	3

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91	Prospective Associations of Early Pregnancy Metal Mixtures with Mitochondria DNA Copy Number and Telomere Length in Maternal and Cord Blood. <i>Environmental Health Perspectives</i> , 2021, 129, 117007.	2.8	28
92	Mitochondrial DNA Copy Number Adaptation as a Biological Response Derived from an Earthquake at Intrauterine Stage. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 11771.	1.2	3
93	Prenatal metal exposure, cord blood DNA methylation and persistence in childhood: an epigenome-wide association study of 12 metals. <i>Clinical Epigenetics</i> , 2021, 13, 208.	1.8	20
94	Epigenome-wide association study of serum urate reveals insights into urate co-regulation and the SLC2A9 locus. <i>Nature Communications</i> , 2021, 12, 7173.	5.8	8
95	Meta-analyses identify DNA methylation associated with kidney function and damage. <i>Nature Communications</i> , 2021, 12, 7174.	5.8	30
96	Maternal Phthalates Exposure and Blood Pressure during and after Pregnancy in the PROGRESS Study. <i>Environmental Health Perspectives</i> , 2021, 129, 127007.	2.8	11
97	Nonsteroidal Antiinflammatory Drugs Modify the Effect of Short-Term Air Pollution on Lung Function. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 201, 374-378.	2.5	12
98	Maternal Gestational Diabetes Mellitus and Newborn DNA Methylation: Findings From the Pregnancy and Childhood Epigenetics Consortium. <i>Diabetes Care</i> , 2020, 43, 98-105.	4.3	145
99	Age-related DNA hydroxymethylation is enriched for gene expression and immune system processes in human peripheral blood. <i>Epigenetics</i> , 2020, 15, 294-306.	1.3	8
100	Battle of epigenetic proportions: comparing Illumina's EPIC methylation microarrays and TruSeq targeted bisulfite sequencing. <i>Epigenetics</i> , 2020, 15, 174-182.	1.3	26
101	Physical activity, sedentary time and cardiometabolic health indicators among Mexican children. <i>Clinical Obesity</i> , 2020, 10, e12346.	1.1	3
102	Leukocyte Traits and Exposure to Ambient Particulate Matter Air Pollution in the Women's Health Initiative and Atherosclerosis Risk in Communities Study. <i>Environmental Health Perspectives</i> , 2020, 128, 17004.	2.8	17
103	Identifying critical windows of prenatal particulate matter (PM2.5) exposure and early childhood blood pressure. <i>Environmental Research</i> , 2020, 182, 109073.	3.7	36
104	Accelerating the Search for Interventions Aimed at Expanding the Health Span in Humans: The Role of Epidemiology. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, 77-86.	1.7	7
105	Association of Prenatal Acetaminophen Exposure Measured in Meconium With Risk of Attention-Deficit/Hyperactivity Disorder Mediated by Frontoparietal Network Brain Connectivity. <i>JAMA Pediatrics</i> , 2020, 174, 1073.	3.3	31
106	Association of Neutrophil to Lymphocyte Ratio With Pulmonary Function in a 30-Year Longitudinal Study of US Veterans. <i>JAMA Network Open</i> , 2020, 3, e2010350.	2.8	18
107	DNA methylation and body mass index from birth to adolescence: meta-analyses of epigenome-wide association studies. <i>Genome Medicine</i> , 2020, 12, 105.	3.6	41
108	Association of ambient PM2.5 exposure with maternal bone strength in pregnant women from Mexico City: a longitudinal cohort study. <i>Lancet Planetary Health</i> , The, 2020, 4, e530-e537.	5.1	12

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109	Age and mitochondrial DNA copy number influence the association between outdoor temperature and cognitive function. <i>Environmental Epidemiology</i> , 2020, 4, e0108.	1.4	8
110	Outdoor air pollution and cancer: An overview of the current evidence and public health recommendations. <i>Ca-A Cancer Journal for Clinicians</i> , 2020, 70, 460-479.	157.7	348
111	Methylome-wide association study of central adiposity implicates genes involved in immune and endocrine systems. <i>Epigenomics</i> , 2020, 12, 1483-1499.	1.0	6
112	Pregnancy-associated changes in cervical noncoding RNA. <i>Epigenomics</i> , 2020, 12, 1013-1025.	1.0	3
113	Prenatal lead exposure and cord blood DNA methylation in PROGRESS: an epigenome-wide association study. <i>Environmental Epigenetics</i> , 2020, 6, dvaa014.	0.9	14
114	Prenatal particulate air pollution and newborn telomere length: Effect modification by maternal antioxidant intakes and infant sex. <i>Environmental Research</i> , 2020, 187, 109707.	3.7	39
115	Glucose metabolism among obese and non-obese children of mothers with gestational diabetes. <i>BMJ Open Diabetes Research and Care</i> , 2020, 8, e000822.	1.2	4
116	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.	3.6	81
117	Phthalate Exposures and MicroRNA Expression in Uterine Fibroids: The FORGE Study. <i>Epigenetics Insights</i> , 2020, 13, 251686572090405.	0.6	32
118	Trends and Patterns of Phthalates and Phthalate Alternatives Exposure in Pregnant Women from Mexico City during 2007–2010. <i>Environmental Science &amp; Technology</i> , 2020, 54, 1740-1749.	4.6	33
119	Patterns of Weight Change One Year after Delivery Are Associated with Cardiometabolic Risk Factors at Six Years Postpartum in Mexican Women. <i>Nutrients</i> , 2020, 12, 170.	1.7	16
120	Modification of the effects of prenatal manganese exposure on child neurodevelopment by maternal anemia and iron deficiency. <i>Pediatric Research</i> , 2020, 88, 325-333.	1.1	15
121	Fine particulate matter exposure and lipid levels among children in Mexico city. <i>Environmental Epidemiology</i> , 2020, 4, e088.	1.4	14
122	Molecular and cellular mechanisms linking air pollution and bone damage. <i>Environmental Research</i> , 2020, 185, 109465.	3.7	47
123	Methylparaben in meconium and risk of maternal thyroid dysfunction, adverse birth outcomes, and Attention-Deficit Hyperactivity Disorder (ADHD). <i>Environment International</i> , 2020, 139, 105716.	4.8	42
124	Epigenetic Intergenerational Transmission: Mothers' Adverse Childhood Experiences and DNA Methylation. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2020, 59, 900-901.	0.3	13
125	Associations between daily ambient temperature and sedentary time among children 4–6 years old in Mexico City. <i>PLoS ONE</i> , 2020, 15, e0241446.	1.1	4
126	Mitochondria and aging in older individuals: an analysis of DNA methylation age metrics, leukocyte telomere length, and mitochondrial DNA copy number in the VA normative aging study. <i>Aging</i> , 2020, 12, 2070-2083.	1.4	26



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127	Biomarkers of aging and lung function in the normative aging study. <i>Aging</i> , 2020, 12, 11942-11966.	1.4	15
128	Blood DNA methylation sites predict death risk in a longitudinal study of 12, 300 individuals. <i>Aging</i> , 2020, 12, 14092-14124.	1.4	15
129	Accelerated epigenetic aging as a risk factor for chronic obstructive pulmonary disease and decreased lung function in two prospective cohort studies. <i>Aging</i> , 2020, 12, 16539-16554.	1.4	13
130	Quantification of the pace of biological aging in humans through a blood test, the DunedinPoAm DNA methylation algorithm. <i>ELife</i> , 2020, 9, .	2.8	268
131	Blood Leukocyte DNA Methylation Predicts Risk of Future Myocardial Infarction and Coronary Heart Disease. <i>Circulation</i> , 2019, 140, 645-657.	1.6	151
132	Effects of Physical Exercise on Endothelial Function and DNA Methylation. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 2530.	1.2	30
133	Smoking-Related DNA Methylation is Associated with DNA Methylation Phenotypic Age Acceleration: The Veterans Affairs Normative Aging Study. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 2356.	1.2	22
134	The nasal methylome as a biomarker of asthma and airway inflammation in children. <i>Nature Communications</i> , 2019, 10, 3095.	5.8	129
135	Short-term ambient particle radioactivity level and renal function in older men: Insight from the Normative Aging Study. <i>Environment International</i> , 2019, 131, 105018.	4.8	13
136	Effect of particulate matter-bound metals exposure on prothrombotic biomarkers: A systematic review. <i>Environmental Research</i> , 2019, 177, 108573.	3.7	58
137	Joint Associations of Maternal Gestational Diabetes and Hypertensive Disorders of Pregnancy With Overweight in Offspring. <i>Frontiers in Endocrinology</i> , 2019, 10, 645.	1.5	15
138	The Human Exposome. <i>Journal of the American College of Cardiology</i> , 2019, 74, 1329-1331.	1.2	2
139	miRNA Profiles in Extracellular Vesicles From Serum Early in Pregnancies Complicated by Gestational Diabetes Mellitus. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 5157-5169.	1.8	95
140	Comparison of smoking-related DNA methylation between newborns from prenatal exposure and adults from personal smoking. <i>Epigenomics</i> , 2019, 11, 1487-1500.	1.0	64
141	Supraphysiological Concentrations of Bisphenol A Alter the Expression of Extracellular Vesicle-Enriched miRNAs From Human Primary Granulosa Cells. <i>Toxicological Sciences</i> , 2019, 169, 5-13.	1.4	18
142	Methylome-wide association study provides evidence of particulate matter air pollution-associated DNA methylation. <i>Environment International</i> , 2019, 132, 104723.	4.8	58
143	Hypertensive Disorders of Pregnancy and DNA Methylation in Newborns. <i>Hypertension</i> , 2019, 74, 375-383.	1.3	73
144	Prenatal Particulate Air Pollution and DNA Methylation in Newborns: An Epigenome-Wide Meta-Analysis. <i>Environmental Health Perspectives</i> , 2019, 127, 57012.	2.8	111

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145	An integrative cross-omics analysis of DNA methylation sites of glucose and insulin homeostasis. <i>Nature Communications</i> , 2019, 10, 2581.	5.8	62
146	Prenatal salivary sex hormone levels and birth-weight-for-gestational age. <i>Journal of Perinatology</i> , 2019, 39, 941-948.	0.9	11
147	Ambient particulate air pollution and circulating C-reactive protein level: A systematic review and meta-analysis. <i>International Journal of Hygiene and Environmental Health</i> , 2019, 222, 756-764.	2.1	70
148	DNA methylation GrimAge strongly predicts lifespan and healthspan. <i>Aging</i> , 2019, 11, 303-327.	1.4	1,128
149	Comparative validation of an epigenetic mortality risk score with three aging biomarkers for predicting mortality risks among older adult males. <i>International Journal of Epidemiology</i> , 2019, 48, 1958-1971.	0.9	25
150	Meta-analysis of epigenome-wide association studies in neonates reveals widespread differential DNA methylation associated with birthweight. <i>Nature Communications</i> , 2019, 10, 1893.	5.8	140
151	Epigenome-wide association study reveals methylation pathways associated with childhood allergic sensitization. <i>Epigenetics</i> , 2019, 14, 445-466.	1.3	43
152	Prenatal manganese and cord blood mitochondrial DNA copy number: Effect modification by maternal anemic status. <i>Environment International</i> , 2019, 126, 484-493.	4.8	28
153	Impacts of air pollution, temperature, and relative humidity on leukocyte distribution: An epigenetic perspective. <i>Environment International</i> , 2019, 126, 395-405.	4.8	52
154	Association between prenatal particulate air pollution exposure and telomere length in cord blood: Effect modification by fetal sex. <i>Environmental Research</i> , 2019, 172, 495-501.	3.7	51
155	Epigenetic age acceleration is associated with allergy and asthma in children in Project Viva. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 2263-2270.e14.	1.5	43
156	Cognition level and change in cognition during adolescence are associated with cognition in midlife. <i>Annals of Epidemiology</i> , 2019, 35, 48-52.e2.	0.9	4
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