

Andrea A Baccarelli

List of Publications by Year in Descending Order

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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.

319 papers	13,601 citations	56 h-index	107 g-index
351 ext. papers	18,396 ext. citations	7.9 avg, IF	6.56 L-index

#	Paper	IF	Citations
319	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	8.4	0
318	DunedinPACE, a DNA methylation biomarker of the pace of aging.. <i>ELife</i> , 2022 , 11,	8.9	9
317	Prenatal phthalates, gestational weight gain, and long-term weight changes among Mexican women.. <i>Environmental Research</i> , 2022 , 112835	7.9	1
316	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	12.9	1
315	Role of brain extracellular vesicles in air pollution-related cognitive impairment and neurodegeneration. <i>Environmental Research</i> , 2022 , 204, 112316	7.9	1
314	An exposomic framework to uncover environmental drivers of aging. 2022 , 2, osac002		1
313	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	5.6	1
312	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	8.4	1
311	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	3.4	
310	Predicting chemical ecotoxicity by learning latent space chemical representations.. <i>Environment International</i> , 2022 , 163, 107224	12.9	1
309	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 , 113038	7.9	2
308	Environmental Exposures and Extracellular Vesicles: Indicators of Systemic Effects and Human Disease.. <i>Current Environmental Health Reports</i> , 2022 , 1	6.5	1
307	Integrative analysis of clinical and epigenetic biomarkers of mortality.. <i>Aging Cell</i> , 2022 , e13608	9.9	1
306	DNA methylation signature of chronic low-grade inflammation and its role in cardio-respiratory diseases.. <i>Nature Communications</i> , 2022 , 13, 2408	17.4	1
305	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	7.9	0
304	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	7	0
303	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	4.6	1

302	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. <i>Epigenomics</i> , 2021 , 13, 1711-1734	4.4	0
301	Is your environment making you older? Molecular biomarkers and new approaches to investigate the influences of environmental chemicals through aging. <i>Medicina Del Lavoro</i> , 2021 , 112, 8-14	1.9	2
300	Prenatal particulate matter exposure and mitochondrial mutational load at the maternal-fetal interface: Effect modification by genetic ancestry. <i>Mitochondrion</i> , 2021 , 62, 102-110	4.9	0
299	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	8.4	0
298	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	7.7	2
297	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> , 2021 , 206, 112593	7.9	1
296	Prenatal lead exposure, telomere length in cord blood, and DNA methylation age in the PROGRESS prenatal cohort.. <i>Environmental Research</i> , 2021 , 205, 112577	7.9	0
295	Special Focus Issue - Epigenomics and health disparities. <i>Epigenomics</i> , 2021 , 13, 1673-1676	4.4	
294	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	3.3	0
293	Hallmarks of environmental insults. <i>Cell</i> , 2021 , 184, 1455-1468	56.2	52
292	Mental Health of High-Risk Urban Youth: The Housing Subsidies Paradox. <i>Race and Social Problems</i> , 2021 , 13, 22-33	2.3	
291	Long-term PM exposure before diagnosis is associated with worse outcome in breast cancer. <i>Breast Cancer Research and Treatment</i> , 2021 , 188, 525-533	4.4	1
290	DNA methylation architecture of the ACE2 gene in nasal cells of children. <i>Scientific Reports</i> , 2021 , 11, 7107	4.9	12
289	Associations Between Maternal Lifetime Stress and Placental Mitochondrial DNA Mutations in an Urban Multiethnic Cohort. <i>Biological Psychiatry</i> , 2021 , 89, 570-578	7.9	4
288	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	4.9	11
287	Nanoparticle Tracking Analysis for the Quantification and Size Determination of Extracellular Vesicles. <i>Journal of Visualized Experiments</i> , 2021 ,	1.6	2
286	Epigenome-wide association study of kidney function identifies trans-ethnic and ethnic-specific loci. <i>Genome Medicine</i> , 2021 , 13, 74	14.4	3
285	Exosomal miRNAs in urine associated with children's cardiorenal parameters: a cross-sectional study. <i>Epigenomics</i> , 2021 , 13, 499-512	4.4	3

284	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		13
283	The association between prenatal concentrations of polybrominated diphenyl ether and child cognitive and psychomotor function. <i>Environmental Epidemiology</i> , 2021 , 5, e156	0.2	0
282	A multi-ethnic epigenome-wide association study of leukocyte DNA methylation and blood lipids. <i>Nature Communications</i> , 2021 , 12, 3987	17.4	3
281	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	11.6	5
280	DNAm-based signatures of accelerated aging and mortality in blood are associated with low renal function. <i>Clinical Epigenetics</i> , 2021 , 13, 121	7.7	1
279	Dietary fat intake during early pregnancy is associated with cord blood DNA methylation at IGF2 and H19 genes in newborns. <i>Environmental and Molecular Mutagenesis</i> , 2021 , 62, 388-398	3.2	0
278	Placental mitochondrial DNA mutational load and perinatal outcomes: Findings from a multi-ethnic pregnancy cohort. <i>Mitochondrion</i> , 2021 , 59, 267-275	4.9	2
277	Telomere dynamics across the early life course: Findings from a longitudinal study in children. <i>Psychoneuroendocrinology</i> , 2021 , 129, 105270	5	0
276	Risks of Macrosomia Associated with Catechol--Methyltransferase Genotypes and Genetic-Epigenetic Interactions among Children with and without Gestational Diabetes Exposure. <i>Childhood Obesity</i> , 2021 , 17, 365-370	2.5	
275	Causal mediation analysis with latent subgroups. <i>Statistics in Medicine</i> , 2021 , 40, 5628-5641	2.3	1
274	Prenatal gestational diabetes mellitus exposure and accelerated offspring DNA methylation age in early childhood. <i>Epigenetics</i> , 2021 , 16, 186-195	5.7	8
273	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	5.7	4
272	Testing cell-type-specific mediation effects in genome-wide epigenetic studies. <i>Briefings in Bioinformatics</i> , 2021 , 22,	13.4	5
271	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	7.9	3
270	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	8.8	13
269	Cord blood androgen levels of females from same sex and opposite sex twins - A pilot study. <i>Clinical Endocrinology</i> , 2021 , 94, 85-89	3.4	0
268	Blood DNA methylation biomarkers of cumulative lead exposure in adults. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2021 , 31, 108-116	6.7	8
267	A methodological pipeline to generate an epigenetic marker of prenatal exposure to air pollution indicators. <i>Epigenetics</i> , 2021 , 1-9	5.7	2

266	Maternal anxiety during pregnancy and newborn epigenome-wide DNA methylation. <i>Molecular Psychiatry</i> , 2021 , 26, 1832-1845	15.1	6
265	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,	4.7	1
264	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	7.9	
263	Epigenetic Age in Young African American Adults With Perinatally Acquired HIV. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2021 , 87, 1102-1109	3.1	3
262	Blood DNA Methylation and Incident Coronary Heart Disease: Evidence From the Strong Heart Study. <i>JAMA Cardiology</i> , 2021 , 6, 1237-1246	16.2	5
261	Metal exposure and bone remodeling during pregnancy: Results from the PROGRESS cohort study. <i>Environmental Pollution</i> , 2021 , 282, 116962	9.3	3
260	Residential PM exposure and the nasal methylome in children. <i>Environment International</i> , 2021 , 153, 106505	12.9	3
259	Novel epigenetic link between gestational diabetes mellitus and macrosomia. <i>Epigenomics</i> , 2021 , 13, 1221-1230	4.4	1
258	In Utero Exposure to Persistent Organic Pollutants and Childhood Lipid Levels. <i>Metabolites</i> , 2021 , 11,	5.6	1
257	Prenatal blood lead levels and reduced preadolescent glomerular filtration rate: Modification by body mass index. <i>Environment International</i> , 2021 , 154, 106414	12.9	7
256	Effect of School Integrated Pest Management or Classroom Air Filter Purifiers on Asthma Symptoms in Students With Active Asthma: A Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2021 , 326, 839-850	27.4	4
255	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> , 2021 ,	7.8	2
254	Associations between infant sex and DNA methylation across umbilical cord blood, artery, and placenta samples. <i>Epigenetics</i> , 2021 , 1-18	5.7	2
253	Short-Term Ambient Particulate Air Pollution and Hospitalization Expenditures of Cause-Specific Cardiorespiratory Diseases in China: A Multicity Analysis. <i>The Lancet Regional Health - Western Pacific</i> , 2021 , 15, 100232	5	3
252	Prenatal urinary concentrations of phthalate metabolites and behavioral problems in Mexican children: The Programming Research in Obesity, Growth Environment and Social Stress (PROGRESS) study. <i>Environmental Research</i> , 2021 , 201, 111338	7.9	0
251	Short-term exposure to PM components and renal health: Findings from the Veterans Affairs Normative Aging Study. <i>Journal of Hazardous Materials</i> , 2021 , 420, 126557	12.8	3
250	The associations of phthalate biomarkers during pregnancy with later glycemia and lipid profiles. <i>Environment International</i> , 2021 , 155, 106612	12.9	5
249	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. <i>Environment International</i> , 2021 , 156, 106631	12.9	1

248	Prenatal maternal phthalate exposures and trajectories of childhood adiposity from four to twelve years. <i>Environmental Research</i> , 2021 , 204, 112111	7.9	0
247	Critical windows of perinatal particulate matter (PM) exposure and preadolescent kidney function. <i>Environmental Research</i> , 2021 , 204, 112062	7.9	0
246	Isolation and characterization of extracellular vesicles in saliva of children with asthma 2021 , 2, 29-48		1
245	Extracellular vesicles and female reproduction. <i>Journal of Assisted Reproduction and Genetics</i> , 2021 , 38, 549-557	3.4	2
244	Epigenome-wide association study of serum urate reveals insights into urate co-regulation and the SLC2A9 locus. <i>Nature Communications</i> , 2021 , 12, 7173	17.4	1
243	Meta-analyses identify DNA methylation associated with kidney function and damage. <i>Nature Communications</i> , 2021 , 12, 7174	17.4	0
242	Maternal Phthalates Exposure and Blood Pressure during and after Pregnancy in the PROGRESS Study.. <i>Environmental Health Perspectives</i> , 2021 , 129, 127007	8.4	2
241	Prenatal lead exposure and cord blood DNA methylation in PROGRESS: an epigenome-wide association study. <i>Environmental Epigenetics</i> , 2020 , 6, dvaa014	2.4	4
240	Prenatal particulate air pollution and newborn telomere length: Effect modification by maternal antioxidant intakes and infant sex. <i>Environmental Research</i> , 2020 , 187, 109707	7.9	12
239	Glucose metabolism among obese and non-obese children of mothers with gestational diabetes. <i>BMJ Open Diabetes Research and Care</i> , 2020 , 8,	4.5	1
238	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	14.4	37
237	Phthalate Exposures and MicroRNA Expression in Uterine Fibroids: The FORGE Study. <i>Epigenetics Insights</i> , 2020 , 13, 2516865720904057	3	16
236	Trends and Patterns of Phthalates and Phthalate Alternatives Exposure in Pregnant Women from Mexico City during 2007-2010. <i>Environmental Science & Technology</i> , 2020 , 54, 1740-1749	10.3	24
235	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,	6.7	8
234	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	3.2	4
233	Fine particulate matter exposure and lipid levels among children in Mexico city. <i>Environmental Epidemiology</i> , 2020 , 4, e088	0.2	5
232	Associations between daily ambient temperature and sedentary time among children 4-6 years old in Mexico City. <i>PLoS ONE</i> , 2020 , 15, e0241446	3.7	2
231	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	5.6	12

230	Biomarkers of aging and lung function in the normative aging study. <i>Aging</i> , 2020 , 12, 11942-11966	5.6	7
229	Blood DNA methylation sites predict death risk in a longitudinal study of 12, 300 individuals. <i>Aging</i> , 2020 , 12, 14092-14124	5.6	6
228	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	5.6	3
227	Quantification of the pace of biological aging in humans through a blood test, the DunedinPoAm DNA methylation algorithm. <i>ELife</i> , 2020 , 9,	8.9	85
226	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	7.2	5
225	DNA Methylation Architecture of the ACE2 gene in Nasal Cells 2020 ,		3
224	Battle of epigenetic proportions: comparing Illumina's EPIC methylation microarrays and TruSeq targeted bisulfite sequencing. <i>Epigenetics</i> , 2020 , 15, 174-182	5.7	16
223	Physical activity, sedentary time and cardiometabolic health indicators among Mexican children. <i>Clinical Obesity</i> , 2020 , 10, e12346	3.6	0
222	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	8.4	11
221	Identifying critical windows of prenatal particulate matter (PM) exposure and early childhood blood pressure. <i>Environmental Research</i> , 2020 , 182, 109073	7.9	17
220	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	6.4	5
219	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, 1073-1081	8.3	10
218	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	10.4	9
217	DNA methylation and body mass index from birth to adolescence: meta-analyses of epigenome-wide association studies. <i>Genome Medicine</i> , 2020 , 12, 105	14.4	15
216	Association of ambient PM exposure with maternal bone strength in pregnant women from Mexico City: a longitudinal cohort study. <i>Lancet Planetary Health</i> , 2020 , 4, e530-e537	9.8	2
215	Age and mitochondrial DNA copy number influence the association between outdoor temperature and cognitive function: Insights from the VA Normative Aging Study. <i>Environmental Epidemiology</i> , 2020 , 4, e0108	0.2	1
214	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	220.7	97
213	Methylome-wide association study of central adiposity implicates genes involved in immune and endocrine systems. <i>Epigenomics</i> , 2020 , 12, 1483-1499	4.4	4

212	Pregnancy-associated changes in cervical noncoding RNA. <i>Epigenomics</i> , 2020 , 12, 1013-1025	4.4	2
211	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	10.2	7
210	Maternal Gestational Diabetes Mellitus and Newborn DNA Methylation: Findings From the Pregnancy and Childhood Epigenetics Consortium. <i>Diabetes Care</i> , 2020 , 43, 98-105	14.6	45
209	Age-related DNA hydroxymethylation is enriched for gene expression and immune system processes in human peripheral blood. <i>Epigenetics</i> , 2020 , 15, 294-306	5.7	3
208	Molecular and cellular mechanisms linking air pollution and bone damage. <i>Environmental Research</i> , 2020 , 185, 109465	7.9	20
207	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	12.9	17
206	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	5.6	56
205	Comparison of smoking-related DNA methylation between newborns from prenatal exposure and adults from personal smoking. <i>Epigenomics</i> , 2019 , 11, 1487-1500	4.4	24
204	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	4.4	10
203	Methylome-wide association study provides evidence of particulate matter air pollution-associated DNA methylation. <i>Environment International</i> , 2019 , 132, 104723	12.9	35
202	Hypertensive Disorders of Pregnancy and DNA Methylation in Newborns. <i>Hypertension</i> , 2019 , 74, 375-383	5	40
201	Prenatal Particulate Air Pollution and DNA Methylation in Newborns: An Epigenome-Wide Meta-Analysis. <i>Environmental Health Perspectives</i> , 2019 , 127, 57012	8.4	58
200	An integrative cross-omics analysis of DNA methylation sites of glucose and insulin homeostasis. <i>Nature Communications</i> , 2019 , 10, 2581	17.4	31
199	Prenatal salivary sex hormone levels and birth-weight-for-gestational age. <i>Journal of Perinatology</i> , 2019 , 39, 941-948	3.1	5
198	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	6.9	38
197	DNA methylation GrimAge strongly predicts lifespan and healthspan. <i>Aging</i> , 2019 , 11, 303-327	5.6	424
196	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	7.8	20
195	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

194	Epigenome-wide association study reveals methylation pathways associated with childhood allergic sensitization. <i>Epigenetics</i> , 2019 , 14, 445-466	5.7	28
193	Prenatal manganese and cord blood mitochondrial DNA copy number: Effect modification by maternal anemic status. <i>Environment International</i> , 2019 , 126, 484-493	12.9	9
192	Impacts of air pollution, temperature, and relative humidity on leukocyte distribution: An epigenetic perspective. <i>Environment International</i> , 2019 , 126, 395-405	12.9	39
191	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	7.9	30
190	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	11.5	25
189	Cognition level and change in cognition during adolescence are associated with cognition in midlife. <i>Annals of Epidemiology</i> , 2019 , 35, 48-52.e2	6.4	1
188	Prenatal maternal antidepressants, anxiety, and depression and offspring DNA methylation: epigenome-wide associations at birth and persistence into early childhood. <i>Clinical Epigenetics</i> , 2019 , 11, 56	7.7	26
187	Blood Leukocyte DNA Methylation Predicts Risk of Future Myocardial Infarction and Coronary Heart Disease. <i>Circulation</i> , 2019 , 140, 645-657	16.7	65
186	Effects of Physical Exercise on Endothelial Function and DNA Methylation. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	14
185	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,	4.6	14
184	The nasal methylome as a biomarker of asthma and airway inflammation in children. <i>Nature Communications</i> , 2019 , 10, 3095	17.4	72
183	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	12.9	10
182	Effect of particulate matter-bound metals exposure on prothrombotic biomarkers: A systematic review. <i>Environmental Research</i> , 2019 , 177, 108573	7.9	38
181	Joint Associations of Maternal Gestational Diabetes and Hypertensive Disorders of Pregnancy With Overweight in Offspring. <i>Frontiers in Endocrinology</i> , 2019 , 10, 645	5.7	11
180	Socioeconomic position, lifestyle habits and biomarkers of epigenetic aging: a multi-cohort analysis. <i>Aging</i> , 2019 , 11, 2045-2070	5.6	67
179	DNA methylation-based estimator of telomere length. <i>Aging</i> , 2019 , 11, 5895-5923	5.6	69
178	Prenatal Metal Concentrations and Childhood Cardiometabolic Risk Using Bayesian Kernel Machine Regression to Assess Mixture and Interaction Effects. <i>Epidemiology</i> , 2019 , 30, 263-273	3.1	37
177	Altered cord blood mitochondrial DNA content and pregnancy lead exposure in the PROGRESS cohort. <i>Environment International</i> , 2019 , 125, 437-444	12.9	13

176	ENVIRONMENTAL EPIGENETICS AND AGING. <i>Innovation in Aging</i> , 2019 , 3, S735-S735	0.1	78
175	Association of Prenatal and Perinatal Exposures to Particulate Matter With Changes in Hemoglobin A1c Levels in Children Aged 4 to 6 Years. <i>JAMA Network Open</i> , 2019 , 2, e1917643	10.4	11
174	Length of gestation and birth weight are associated with indices of combined kidney biomarkers in early childhood. <i>PLoS ONE</i> , 2019 , 14, e0227219	3.7	
173	DNA methylation aging clocks: challenges and recommendations. <i>Genome Biology</i> , 2019 , 20, 249	18.3	248
172	Fried and Baccarelli Comment. <i>American Journal of Public Health</i> , 2019 , 109, 1188	5.1	1
171	Phthalates exposure and uterine fibroid burden among women undergoing surgical treatment for fibroids: a preliminary study. <i>Fertility and Sterility</i> , 2019 , 111, 112-121	4.8	25
170	Maternal corticotropin-releasing hormone is associated with LEP DNA methylation at birth and in childhood: an epigenome-wide study in Project Viva. <i>International Journal of Obesity</i> , 2019 , 43, 1244-1255	5.5	4
169	Monitoring of prenatal exposure to organic and inorganic contaminants using meconium from an Eastern Canada cohort. <i>Environmental Research</i> , 2019 , 171, 44-51	7.9	10
168	Maternal Phthalate and Personal Care Products Exposure Alters Extracellular Placental miRNA Profile in Twin Pregnancies. <i>Reproductive Sciences</i> , 2019 , 26, 289-294	3	13
167	New epigenomic and genomic frontiers in personalized medicine: direct customer testing, are we ready?. <i>Epidemiologia E Prevenzione</i> , 2019 , 43, 295-299	1.1	
166	miRNA-Processing Gene Methylation and Cancer Risk. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2018 , 27, 550-557	4	13
165	Association of Methylation Signals With Incident Coronary Heart Disease in an Epigenome-Wide Assessment of Circulating Tumor Necrosis Factor α . <i>JAMA Cardiology</i> , 2018 , 3, 463-472	16.2	17
164	GWAS of epigenetic aging rates in blood reveals a critical role for TERT. <i>Nature Communications</i> , 2018 , 9, 387	17.4	106
163	Placental lncRNA Expression Is Associated With Prenatal Phthalate Exposure. <i>Toxicological Sciences</i> , 2018 , 163, 116-122	4.4	23
162	Prenatal particulate matter exposure and mitochondrial dysfunction at the maternal-fetal interface: Effect modification by maternal lifetime trauma and child sex. <i>Environment International</i> , 2018 , 112, 49-58	12.9	38
161	Meta-analysis of epigenome-wide association studies of cognitive abilities. <i>Molecular Psychiatry</i> , 2018 , 23, 2133-2144	15.1	46
160	Acute particulate matter affects cardiovascular autonomic modulation and IFN- γ methylation in healthy volunteers. <i>Environmental Research</i> , 2018 , 161, 97-103	7.9	28
159	Prenatal fine particulate exposure associated with reduced childhood lung function and nasal epithelia GSTP1 hypermethylation: Sex-specific effects. <i>Respiratory Research</i> , 2018 , 19, 76	7.3	20

158	Epigenome-wide association study of total serum immunoglobulin E in children: a life course approach. <i>Clinical Epigenetics</i> , 2018 , 10, 55	7.7	24
157	Cohort Profile: Pregnancy And Childhood Epigenetics (PACE) Consortium. <i>International Journal of Epidemiology</i> , 2018 , 47, 22-23u	7.8	62
156	The Inflammatory Potential of Dietary Manganese in a Cohort of Elderly Men. <i>Biological Trace Element Research</i> , 2018 , 183, 49-57	4.5	13
155	Long noncoding RNA expression in the cervix mid-pregnancy is associated with the length of gestation at delivery. <i>Epigenetics</i> , 2018 , 13, 742-750	5.7	9
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153	Cumulative lifetime maternal stress and epigenome-wide placental DNA methylation in the PRISM cohort. <i>Epigenetics</i> , 2018 , 13, 665-681	5.7	21
152	Urinary concentrations of phthalate metabolites, bisphenols and personal care product chemical biomarkers in pregnant women in Israel. <i>Environment International</i> , 2018 , 116, 319-325	12.9	35
151	Regulation of birthweight by placenta-derived miRNAs: evidence from an arsenic-exposed birth cohort in Bangladesh. <i>Epigenetics</i> , 2018 , 13, 573-590	5.7	14
150	Prenatal lead exposure modifies the effect of shorter gestation on increased blood pressure in children. <i>Environment International</i> , 2018 , 120, 464-471	12.9	21
149	Promoter methylation of PGC1A and PGC1B predicts cancer incidence in a veteran cohort. <i>Epigenomics</i> , 2018 , 10, 733-743	4.4	7
148	DNA Methylation of Telomere-Related Genes and Cancer Risk. <i>Cancer Prevention Research</i> , 2018 , 11, 511-522	3.2	8
147	Epigenetic clock for skin and blood cells applied to Hutchinson Gilford Progeria Syndrome and studies. <i>Aging</i> , 2018 , 10, 1758-1775	5.6	187
146	Aberrant promoter methylation in genes related to hematopoietic malignancy in workers exposed to a VOC mixture. <i>Toxicology and Applied Pharmacology</i> , 2018 , 339, 65-72	4.6	20
145	Prenatal arsenic exposure, child marriage, and pregnancy weight gain: Associations with preterm birth in Bangladesh. <i>Environment International</i> , 2018 , 112, 23-32	12.9	28
144	Maternal alcohol consumption and offspring DNA methylation: findings from six general population-based birth cohorts. <i>Epigenomics</i> , 2018 , 10, 27-42	4.4	43
143	Urinary concentrations of biomarkers of phthalates and phthalate alternatives and IVF outcomes. <i>Environment International</i> , 2018 , 111, 23-31	12.9	53
142	Accelerated DNA methylation age and the use of antihypertensive medication among older adults. <i>Aging</i> , 2018 , 10, 3210-3228	5.6	16
141	An epigenetic biomarker of aging for lifespan and healthspan. <i>Aging</i> , 2018 , 10, 573-591	5.6	658

140	Analysis of repeated leukocyte DNA methylation assessments reveals persistent epigenetic alterations after an incident myocardial infarction. <i>Clinical Epigenetics</i> , 2018 , 10, 161	7.7	14
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