

Andres Cardenas

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.

103
papers

1,624
citations

24
h-index

37
g-index

115
ext. papers

2,301
ext. citations

6.7
avg, IF

4.92
L-index

#	Paper	IF	Citations
103	Meta-analysis of epigenome-wide associations between DNA methylation at birth and childhood cognitive skills.. <i>Molecular Psychiatry</i> , 2022 ,	15.1	2
102	Epigenome-wide association study and epigenetic age acceleration associated with cigarette smoking among Costa Rican adults.. <i>Scientific Reports</i> , 2022 , 12, 4277	4.9	1
101	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
100	Maternal adverse childhood experiences before pregnancy are associated with epigenetic aging changes in their children.. <i>Aging</i> , 2021 , 13,	5.6	6
99	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
98	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
97	Short- and intermediate-term exposure to ambient fine particulate elements and leukocyte epigenome-wide DNA methylation in older men: the Normative Aging Study. <i>Environment International</i> , 2021 , 158, 106955	12.9	0
96	Comparative epigenome-wide analysis highlights placenta-specific differentially methylated regions. <i>Epigenomics</i> , 2021 , 13, 357-368	4.4	1
95	DNA methylation architecture of the ACE2 gene in nasal cells of children. <i>Scientific Reports</i> , 2021 , 11, 7107	4.9	12
94	Per- and polyfluoroalkyl substances and kidney function: Follow-up results from the Diabetes Prevention Program trial. <i>Environment International</i> , 2021 , 148, 106375	12.9	7
93	Exposure to violence, chronic stress, nasal DNA methylation, and atopic asthma in children. <i>Pediatric Pulmonology</i> , 2021 , 56, 1896-1905	3.5	2
92	Detecting differentially methylated regions with multiple distinct associations. <i>Epigenomics</i> , 2021 , 13, 451-464	4.4	2
91	Adopting a "Compound" Exposome Approach in Environmental Aging Biomarker Research: A Call to Action for Advancing Racial Health Equity. <i>Environmental Health Perspectives</i> , 2021 , 129, 45001	8.4	7
90	Diet and erythrocyte metal concentrations in early pregnancy-cross-sectional analysis in Project Viva. <i>American Journal of Clinical Nutrition</i> , 2021 , 114, 540-549	7	4
89	Per- and polyfluoroalkyl substances and calcifications of the coronary and aortic arteries in adults with prediabetes: Results from the diabetes prevention program outcomes study. <i>Environment International</i> , 2021 , 151, 106446	12.9	3
88	Detecting cord blood cell type-specific epigenetic associations with gestational diabetes mellitus and early childhood growth. <i>Clinical Epigenetics</i> , 2021 , 13, 131	7.7	1
87	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

86	Exposure to arsenic at different life-stages and DNA methylation meta-analysis in buccal cells and leukocytes. <i>Environmental Health</i> , 2021 , 20, 79	6	5
85	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
84	Associations of DNA Methylation Mortality Risk Markers with Congenital Microcephaly from Zika Virus: A Study of Brazilian Children Less than 4 Years of Age. <i>Journal of Tropical Pediatrics</i> , 2021 , 67,	1.2	1
83	Prenatal depression and offspring DNA methylation 2021 , 537-545		
82	Maternal anxiety during pregnancy and newborn epigenome-wide DNA methylation. <i>Molecular Psychiatry</i> , 2021 , 26, 1832-1845	15.1	6
81	Epigenome-wide association study of maternal hemoglobin A1c in pregnancy and cord blood DNA methylation. <i>Epigenomics</i> , 2021 , 13, 203-218	4.4	3
80	Placental DNA methylation signatures of maternal smoking during pregnancy and potential impacts on fetal growth. <i>Nature Communications</i> , 2021 , 12, 5095	17.4	5
79	DNA methylation as a mediator of associations between the environment and chronic diseases: A scoping review on application of mediation analysis. <i>Epigenetics</i> , 2021 , 1-27	5.7	3
78	Early-pregnancy maternal body mass index is associated with common DNA methylation markers in cord blood and placenta: a paired-tissue epigenome-wide association study. <i>Epigenetics</i> , 2021 , 1-11	5.7	0
77	Residential PM exposure and the nasal methylome in children. <i>Environment International</i> , 2021 , 153, 106505	12.9	3
76	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
75	Nasal epigenetic age and systemic steroid response in pediatric emergency department asthma patients. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021 ,	9.3	
74	Early pregnancy essential and non-essential metal mixtures and gestational glucose concentrations in the 2nd trimester: Results from project viva. <i>Environment International</i> , 2021 , 155, 106690	12.9	2
73	Prenatal exposure to a mixture of elements and neurobehavioral outcomes in mid-childhood: Results from Project Viva. <i>Environmental Research</i> , 2021 , 201, 111540	7.9	1
72	Associations between an integrated component of maternal glycemic regulation in pregnancy and cord blood DNA methylation. <i>Epigenomics</i> , 2021 , 13, 1459-1472	4.4	0
71	Early pregnancy exposure to metal mixture and birth outcomes - A prospective study in Project Viva. <i>Environment International</i> , 2021 , 156, 106714	12.9	6
70	Temporal trends of concentrations of per- and polyfluoroalkyl substances among adults with overweight and obesity in the United States: Results from the Diabetes Prevention Program and NHANES. <i>Environment International</i> , 2021 , 157, 106789	12.9	2
69	Epigenetic aging biomarkers and occupational exposure to benzene, trichloroethylene and formaldehyde. <i>Environment International</i> , 2021 , 158, 106871	12.9	1

68	Controlled human exposures to diesel exhaust: a human epigenome-wide experiment of target bronchial epithelial cells. <i>Environmental Epigenetics</i> , 2021 , 7, dvab003	2.4	4
67	Added sugar intake during pregnancy: Fetal behavior, birth outcomes, and placental DNA methylation. <i>Developmental Psychobiology</i> , 2021 , 63, 878-889	3	1
66	An epigenetic aging analysis of randomized metformin and weight loss interventions in overweight postmenopausal breast cancer survivors.. <i>Clinical Epigenetics</i> , 2021 , 13, 224	7.7	1
65	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
64	Locus-Specific Differential DNA Methylation and Urinary Arsenic: An Epigenome-Wide Association Study in Blood among Adults with Low-to-Moderate Arsenic Exposure. <i>Environmental Health Perspectives</i> , 2020 , 128, 67015	8.4	10
63	Serum dioxin levels and sperm DNA methylation age: Findings in Vietnam war veterans exposed to Agent Orange. <i>Reproductive Toxicology</i> , 2020 , 96, 27-35	3.4	3
62	Per- and polyfluoroalkyl substances and blood pressure in pre-diabetic adults-cross-sectional and longitudinal analyses of the diabetes prevention program outcomes study. <i>Environment International</i> , 2020 , 137, 105573	12.9	13
61	Interplay of Placental DNA Methylation and Maternal Insulin Sensitivity in Pregnancy. <i>Diabetes</i> , 2020 , 69, 484-492	0.9	14
60	Dietary characteristics associated with plasma concentrations of per- and polyfluoroalkyl substances among adults with pre-diabetes: Cross-sectional results from the Diabetes Prevention Program Trial. <i>Environment International</i> , 2020 , 137, 105217	12.9	17
59	Mediation Analysis Supports a Causal Relationship between Maternal Hyperglycemia and Placental DNA Methylation Variations at the Leptin Gene Locus and Cord Blood Leptin Levels. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	7
58	Cord blood DNA methylation of DNMT3A mediates the association between in utero arsenic exposure and birth outcomes: Results from a prospective birth cohort in Bangladesh. <i>Environmental Research</i> , 2020 , 183, 109134	7.9	7
57	Cannabis Exposure During Critical Windows of Development: Epigenetic and Molecular Pathways Implicated in Neuropsychiatric Disease. <i>Current Environmental Health Reports</i> , 2020 , 7, 325-342	6.5	9
56	DNA Methylation Architecture of the ACE2 gene in Nasal Cells 2020 ,		3
55	Exposure to violence, chronic stress, nasal DNA methylation, and atopic asthma in children 2020 ,		5
54	Associations of prenatal or infant exposure to acetaminophen or ibuprofen with mid-childhood executive function and behaviour. <i>Paediatric and Perinatal Epidemiology</i> , 2020 , 34, 287-298	2.7	8
53	Placental Epigenome-Wide Association Study Identified Loci Associated with Childhood Adiposity at 3 Years of Age. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	4
52	Prenatal Dietary Intake and Blood Metal Concentrations During the 1st Trimester of Pregnancy in Project Viva. <i>Current Developments in Nutrition</i> , 2020 , 4, 1438-1438	0.4	78
51	A Longitudinal Epigenetic Aging and Leukocyte Analysis of Simulated Space Travel: The Mars-500 Mission. <i>Cell Reports</i> , 2020 , 33, 108406	10.6	6

50	Prospective Association Between Manganese in Early Pregnancy and the Risk of Preeclampsia. <i>Epidemiology</i> , 2020 , 31, 677-680	3.1	7
49	Heterogeneous ozone effects on the DNA methylome of bronchial cells observed in a crossover study. <i>Scientific Reports</i> , 2020 , 10, 15739	4.9	5
48	The Key Characteristics of Carcinogens: Relationship to the Hallmarks of Cancer, Relevant Biomarkers, and Assays to Measure Them. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2020 , 29, 1887-1903	4	25
47	Prenatal lead exposure and childhood executive function and behavioral difficulties in project viva. <i>NeuroToxicology</i> , 2019 , 75, 105-115	4.4	17
46	Mediation by Placental DNA Methylation of the Association of Prenatal Maternal Smoking and Birth Weight. <i>American Journal of Epidemiology</i> , 2019 , 188, 1878-1886	3.8	25
45	Socioeconomic status and DNA methylation from birth through mid-childhood: a prospective study in Project Viva. <i>Epigenomics</i> , 2019 , 11, 1413-1427	4.4	8
44	Per- and polyfluoroalkyl substances and blood lipid levels in pre-diabetic adults-longitudinal analysis of the diabetes prevention program outcomes study. <i>Environment International</i> , 2019 , 129, 343-353	12.9	42
43	Human aging DNA methylation signatures are conserved but accelerated in cultured fibroblasts. <i>Epigenetics</i> , 2019 , 14, 961-976	5.7	16
42	Epigenome-wide association study reveals methylation pathways associated with childhood allergic sensitization. <i>Epigenetics</i> , 2019 , 14, 445-466	5.7	28
41	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
40	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
39	Relationships of Long-Term Smoking and Moist Snuff Consumption With a DNA Methylation Age Relevant Smoking Index: An Analysis in Buccal Cells. <i>Nicotine and Tobacco Research</i> , 2019 , 21, 1267-1273	4.9	4
38	Associations of Perfluoroalkyl and Polyfluoroalkyl Substances With Incident Diabetes and Microvascular Disease. <i>Diabetes Care</i> , 2019 , 42, 1824-1832	14.6	30
37	The nasal methylome as a biomarker of asthma and airway inflammation in children. <i>Nature Communications</i> , 2019 , 10, 3095	17.4	72
36	Cardenas et al. Reply to "DNA Methylation and Prenatal Exposures". <i>American Journal of Epidemiology</i> , 2019 , 188, 1890-1891	3.8	
35	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
34	Successful Treatment of Immune Checkpoint Inhibitor-Induced Diabetes With Infliximab. <i>Diabetes Care</i> , 2019 , 42, e153-e154	14.6	22
33	Association of Periconception Paternal Body Mass Index With Persistent Changes in DNA Methylation of Offspring in Childhood. <i>JAMA Network Open</i> , 2019 , 2, e1916777	10.4	17

32	Adequate Prenatal Maternal Folate-An Additional Intervention Strategy Among Populations Affected by Prenatal Lead Exposure?. <i>JAMA Network Open</i> , 2019 , 2, e1912334	10.4	0
31	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
30	Trends in urinary arsenic among the U.S. population by drinking water source: Results from the National Health and Nutritional Examinations Survey 2003-2014. <i>Environmental Research</i> , 2018 , 162, 8-17	7.9	13
29	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
28	Placental DNA Methylation Adaptation to Maternal Glycemic Response in Pregnancy. <i>Diabetes</i> , 2018 , 67, 1673-1683	0.9	29
27	DNA methylation in blood as a mediator of the association of mid-childhood body mass index with cardio-metabolic risk score in early adolescence. <i>Epigenetics</i> , 2018 , 13, 1072-1087	5.7	14
26	Residential Proximity to Major Roadways at Birth, DNA Methylation at Birth and Midchildhood, and Childhood Cognitive Test Scores: Project Viva(Massachusetts, USA). <i>Environmental Health Perspectives</i> , 2018 , 126, 97006	8.4	8
25	Association of Perfluoroalkyl and Polyfluoroalkyl Substances With Adiposity. <i>JAMA Network Open</i> , 2018 , 1, e181493	10.4	38
24	DNA methylation in cord blood as mediator of the association between prenatal arsenic exposure and gestational age. <i>Epigenetics</i> , 2018 , 13, 923-940	5.7	14
23	Cross sectional association of arsenic and seroprevalence of hepatitis B infection in the United States (NHANES 2003-2014). <i>Environmental Research</i> , 2018 , 166, 570-576	7.9	11
22	Perioperative supplementation of polyunsaturated omega-3 fatty acid for the prevention of atrial fibrillation after cardiothoracic surgery. <i>American Journal of Health-System Pharmacy</i> , 2017 , 74, e17-e23	2.2	2
21	Maternal intake of fried foods and risk of gestational diabetes mellitus. <i>Annals of Epidemiology</i> , 2017 , 27, 384-390.e1	6.4	17
20	Persistent DNA methylation changes associated with prenatal mercury exposure and cognitive performance during childhood. <i>Scientific Reports</i> , 2017 , 7, 288	4.9	71
19	Cord blood DNA methylation and adiposity measures in early and mid-childhood. <i>Clinical Epigenetics</i> , 2017 , 9, 86	7.7	11
18	Exposure to Low Levels of Lead and Umbilical Cord Blood DNA Methylation in Project Viva: An Epigenome-Wide Association Study. <i>Environmental Health Perspectives</i> , 2017 , 125, 087019	8.4	46
17	Plasma Concentrations of Per- and Polyfluoroalkyl Substances at Baseline and Associations with Glycemic Indicators and Diabetes Incidence among High-Risk Adults in the Diabetes Prevention Program Trial. <i>Environmental Health Perspectives</i> , 2017 , 125, 107001	8.4	64
16	Prenatal Exposure to Mercury: Associations with Global DNA Methylation and Hydroxymethylation in Cord Blood and in Childhood. <i>Environmental Health Perspectives</i> , 2017 , 125, 087022	8.4	43
15	Cross-sectional study of social behaviors in preschool children and exposure to flame retardants. <i>Environmental Health</i> , 2017 , 16, 23	6	48

14	Estimating Effects of Arsenic Exposure During Pregnancy on Perinatal Outcomes in a Bangladeshi Cohort. <i>Epidemiology</i> , 2016 , 27, 173-81	3.1	49
13	Assessment of Hospital Staff's Knowledge of Osteopathic Manipulative Medicine: A Survey-Based Study. <i>Journal of Osteopathic Medicine</i> , 2016 , 116, 764-769	0.8	3
12	Arsenic exposure and the seroprevalence of total hepatitis A antibodies in the US population: NHANES, 2003-2012. <i>Epidemiology and Infection</i> , 2016 , 144, 1641-51	4.3	15
11	Validation of a DNA methylation reference panel for the estimation of nucleated cells types in cord blood. <i>Epigenetics</i> , 2016 , 11, 773-779	5.7	37
10	Risk behaviors and self-reported illnesses among Pacific Northwest surfers. <i>Journal of Water and Health</i> , 2015 , 13, 230-42	2.2	9
9	Arsenic exposure and prevalence of the varicella zoster virus in the United States: NHANES (2003-2004 and 2009-2010). <i>Environmental Health Perspectives</i> , 2015 , 123, 590-6	8.4	19
8	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
7	In utero arsenic exposure and epigenome-wide associations in placenta, umbilical artery, and human umbilical vein endothelial cells. <i>Epigenetics</i> , 2015 , 10, 1054-63	5.7	49
6	Acquired urethral obstruction in New World camelids: 34 cases (1995-2008). <i>Australian Veterinary Journal</i> , 2014 , 92, 313-9	1.2	6
5	Effect of prenatal arsenic exposure on DNA methylation and leukocyte subpopulations in cord blood. <i>Epigenetics</i> , 2014 , 9, 774-82	5.7	109
4	Naphthalene biomarkers and relationship with hemoglobin and hematocrit in White, Black, and Hispanic adults: results from the 2003-2004 National Health and Nutrition Examination Survey. <i>Journal of Medical Toxicology</i> , 2013 , 9, 133-8	2.6	3
3	Lin28 regulates BMP4 and functions with Oct4 to affect ovarian tumor microenvironment. <i>Cell Cycle</i> , 2013 , 12, 88-97	4.7	38
2	Effect of Native American fish smoking methods on dietary exposure to polycyclic aromatic hydrocarbons and possible risks to human health. <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 6899-906	5.7	31
1	Placenta DNA Methylation Adaptation to Maternal Glucose Tolerance in Pregnancy		1