

Allan Just

List of Publications by Citations

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

163
papers

7,875
citations

42
h-index

86
g-index

188
ext. papers

10,279
ext. citations

6.9
avg, IF

5.7
L-index

#	Paper	IF	Citations
163	DNA methylation age of blood predicts all-cause mortality in later life. <i>Genome Biology</i> , 2015 , 16, 25	18.3	670
162	DNA methylation-based measures of biological age: meta-analysis predicting time to death. <i>Aging</i> , 2016 , 8, 1844-1865	5.6	531
161	DNA Methylation in Newborns and Maternal Smoking in Pregnancy: Genome-wide Consortium Meta-analysis. <i>American Journal of Human Genetics</i> , 2016 , 98, 680-96	11	489
160	Epigenetic Signatures of Cigarette Smoking. <i>Circulation: Cardiovascular Genetics</i> , 2016 , 9, 436-447		442
159	AKI in Hospitalized Patients with COVID-19. <i>Journal of the American Society of Nephrology: JASN</i> , 2021 , 32, 151-160	12.7	225
158	A New Hybrid Spatio-Temporal Model For Estimating Daily Multi-Year PM Concentrations Across Northeastern USA Using High Resolution Aerosol Optical Depth Data. <i>Atmospheric Environment</i> , 2014 , 95, 581-590	5.3	220
157	Perinatal air pollutant exposures and autism spectrum disorder in the children of NursesVHealth Study II participants. <i>Environmental Health Perspectives</i> , 2013 , 121, 978-84	8.4	207
156	Maternal prenatal urinary phthalate metabolite concentrations and child mental, psychomotor, and behavioral development at 3 years of age. <i>Environmental Health Perspectives</i> , 2012 , 120, 290-5	8.4	206
155	Gestational exposure to endocrine-disrupting chemicals and reciprocal social, repetitive, and stereotypic behaviors in 4- and 5-year-old children: the HOME study. <i>Environmental Health Perspectives</i> , 2014 , 122, 513-20	8.4	204
154	Autism spectrum disorder and particulate matter air pollution before, during, and after pregnancy: a nested case-control analysis within the NursesVHealth Study II Cohort. <i>Environmental Health Perspectives</i> , 2015 , 123, 264-70	8.4	194
153	Personal care product use and urinary phthalate metabolite and paraben concentrations during pregnancy among women from a fertility clinic. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2014 , 24, 459-66	6.7	183
152	DNA methylation signatures of chronic low-grade inflammation are associated with complex diseases. <i>Genome Biology</i> , 2016 , 17, 255	18.3	171
151	A DNA methylation biomarker of alcohol consumption. <i>Molecular Psychiatry</i> , 2018 , 23, 422-433	15.1	164
150	Semivolatile endocrine-disrupting compounds in paired indoor and outdoor air in two northern California communities. <i>Environmental Science & Technology</i> , 2010 , 44, 6583-90	10.3	157
149	An epigenetic clock for gestational age at birth based on blood methylation data. <i>Genome Biology</i> , 2016 , 17, 206	18.3	132
148	Using High-Resolution Satellite Aerosol Optical Depth To Estimate Daily PM2.5 Geographical Distribution in Mexico City. <i>Environmental Science & Technology</i> , 2015 , 49, 8576-84	10.3	129
147	Prenatal and postnatal bisphenol A exposure and asthma development among inner-city children. <i>Journal of Allergy and Clinical Immunology</i> , 2013 , 131, 736-42	11.5	128

146	Prenatal di(2-ethylhexyl)phthalate exposure and length of gestation among an inner-city cohort. <i>Pediatrics</i> , 2009 , 124, e1213-20	7.4	116
145	Genome-Wide Analysis of DNA Methylation and Fine Particulate Matter Air Pollution in Three Study Populations: KORA F3, KORA F4, and the Normative Aging Study. <i>Environmental Health Perspectives</i> , 2016 , 124, 983-90	8.4	113
144	Urinary and air phthalate concentrations and self-reported use of personal care products among minority pregnant women in New York city. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2010 , 20, 625-33	6.7	101
143	Estimating daily PM and PM across the complex geo-climate region of Israel using MAIAC satellite-based AOD data. <i>Atmospheric Environment</i> , 2015 , 122, 409-416	5.3	100
142	Asthma in inner-city children at 5-11 years of age and prenatal exposure to phthalates: the Columbia Center for Children's Environmental Health Cohort. <i>Environmental Health Perspectives</i> , 2014 , 122, 1141-6	8.4	89
141	DNA Methylation Analysis Identifies Loci for Blood Pressure Regulation. <i>American Journal of Human Genetics</i> , 2017 , 101, 888-902	11	83
140	Long-term exposure to air pollution is associated with biological aging. <i>Oncotarget</i> , 2016 , 7, 74510-74525	5.3	83
139	Machine Learning to Predict Mortality and Critical Events in a Cohort of Patients With COVID-19 in New York City: Model Development and Validation. <i>Journal of Medical Internet Research</i> , 2020 , 22, e24018	7.6	82
138	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
137	Prenatal exposure to butylbenzyl phthalate and early eczema in an urban cohort. <i>Environmental Health Perspectives</i> , 2012 , 120, 1475-80	8.4	75
136	Associations between prenatal traffic-related air pollution exposure and birth weight: Modification by sex and maternal pre-pregnancy body mass index. <i>Environmental Research</i> , 2015 , 137, 268-277	7.9	70
135	Socioeconomic position, lifestyle habits and biomarkers of epigenetic aging: a multi-cohort analysis. <i>Aging</i> , 2019 , 11, 2045-2070	5.6	67
134	Estimating and testing high-dimensional mediation effects in epigenetic studies. <i>Bioinformatics</i> , 2016 , 32, 3150-3154	7.2	66
133	Blood Leukocyte DNA Methylation Predicts Risk of Future Myocardial Infarction and Coronary Heart Disease. <i>Circulation</i> , 2019 , 140, 645-657	16.7	65
132	Cohort Profile: Pregnancy And Childhood Epigenetics (PACE) Consortium. <i>International Journal of Epidemiology</i> , 2018 , 47, 22-23u	7.8	62
131	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
130	Relationships between lead biomarkers and diurnal salivary cortisol indices in pregnant women from Mexico City: a cross-sectional study. <i>Environmental Health</i> , 2014 , 13, 50	6	56
129	Offspring DNA methylation of the aryl-hydrocarbon receptor repressor gene is associated with maternal BMI, gestational age, and birth weight. <i>Epigenetics</i> , 2015 , 10, 913-21	5.7	54

128	Children's urinary phthalate metabolites and fractional exhaled nitric oxide in an urban cohort. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012 , 186, 830-7	10.2	53
127	Long-term ambient particle exposures and blood DNA methylation age: findings from the VA normative aging study. <i>Environmental Epigenetics</i> , 2016 , 2,	2.4	50
126	Second trimester extracellular microRNAs in maternal blood and fetal growth: An exploratory study. <i>Epigenetics</i> , 2017 , 12, 804-810	5.7	47
125	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
124	Meta-analysis of epigenome-wide association studies of cognitive abilities. <i>Molecular Psychiatry</i> , 2018 , 23, 2133-2144	15.1	46
123	Satellite remote sensing in epidemiological studies. <i>Current Opinion in Pediatrics</i> , 2016 , 28, 228-34	3.2	45
122	Birth weight-for-gestational age is associated with DNA methylation at birth and in childhood. <i>Clinical Epigenetics</i> , 2016 , 8, 118	7.7	43
121	Associations between long-term exposure to PM component species and blood DNA methylation age in the elderly: The VA normative aging study. <i>Environment International</i> , 2017 , 102, 57-65	12.9	42
120	Urinary concentrations of bisphenol A in an urban minority birth cohort in New York City, prenatal through age 7 years. <i>Environmental Research</i> , 2013 , 122, 38-44	7.9	42
119	Altered miRNA expression in the cervix during pregnancy associated with lead and mercury exposure. <i>Epigenomics</i> , 2015 , 7, 885-96	4.4	41
118	Correcting Measurement Error in Satellite Aerosol Optical Depth with Machine Learning for Modeling PM in the Northeastern USA. <i>Remote Sensing</i> , 2018 , 10,	5	41
117	Prenatal and postnatal stress and wheeze in Mexican children: Sex-specific differences. <i>Annals of Allergy, Asthma and Immunology</i> , 2016 , 116, 306-312.e1	3.2	41
116	Differential DNA methylation and PM species in a 450K epigenome-wide association study. <i>Epigenetics</i> , 2017 , 12, 139-148	5.7	39
115	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
114	The association of lead exposure during pregnancy and childhood anthropometry in the Mexican PROGRESS cohort. <i>Environmental Research</i> , 2017 , 152, 226-232	7.9	39
113	Identifying mislabeled and contaminated DNA methylation microarray data: an extended quality control toolset with examples from GEO. <i>Clinical Epigenetics</i> , 2018 , 10, 73	7.7	37
112	Identifying sensitive windows for prenatal particulate air pollution exposure and mitochondrial DNA content in cord blood. <i>Environment International</i> , 2017 , 98, 198-203	12.9	37
111	microRNA expression in the cervix during pregnancy is associated with length of gestation. <i>Epigenetics</i> , 2015 , 10, 221-8	5.7	37

110	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
109	Estimating Daily PM and PM over Italy Using an Ensemble Model. <i>Environmental Science & Technology</i> , 2020 , 54, 120-128	10.3	37
108	Estimating daily minimum, maximum, and mean near surface air temperature using hybrid satellite models across Israel. <i>Environmental Research</i> , 2017 , 159, 297-312	7.9	35
107	Using latent class growth analysis to identify childhood wheeze phenotypes in an urban birth cohort. <i>Annals of Allergy, Asthma and Immunology</i> , 2012 , 108, 311-315.e1	3.2	34
106	Phthalates, Pesticides, and Bisphenol-A Exposure and the Development of Nonoccupational Asthma and Allergies: How Valid Are the Links?. <i>The Open Allergy Journal</i> , 2009 , 2, 45-50	0.5	34
105	Testing for the indirect effect under the null for genome-wide mediation analyses. <i>Genetic Epidemiology</i> , 2017 , 41, 824-833	2.6	32
104	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
103	Prenatal particulate matter exposure and wheeze in Mexican children: Effect modification by prenatal psychosocial stress. <i>Annals of Allergy, Asthma and Immunology</i> , 2017 , 119, 232-237.e1	3.2	30
102	Prenatal Stress, Methylation in Inflammation-Related Genes, and Adiposity Measures in Early Childhood: the Programming Research in Obesity, Growth Environment and Social Stress Cohort Study. <i>Psychosomatic Medicine</i> , 2018 , 80, 34-41	3.7	28
101	Neonatal intensive care unit phthalate exposure and preterm infant neurobehavioral performance. <i>PLoS ONE</i> , 2018 , 13, e0193835	3.7	26
100	Association between length of gestation and cervical DNA methylation of PTGER2 and LINE 1-HS. <i>Epigenetics</i> , 2014 , 9, 1083-91	5.7	25
99	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
98	Prenatal particulate air pollution exposure and sleep disruption in preschoolers: Windows of susceptibility. <i>Environment International</i> , 2019 , 124, 329-335	12.9	24
97	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
96	Maternal urinary phthalates and sex-specific placental mRNA levels in an urban birth cohort. <i>Environmental Health</i> , 2017 , 16, 35	6	24
95	Vinyl flooring in the home is associated with children's airborne butylbenzyl phthalate and urinary metabolite concentrations. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2015 , 25, 574-9	6.7	23
94	Hospitalised COVID-19 patients of the Mount Sinai Health System: a retrospective observational study using the electronic medical records. <i>BMJ Open</i> , 2020 , 10, e040441	3	23
93	Cumulative lifetime maternal stress and epigenome-wide placental DNA methylation in the PRISM cohort. <i>Epigenetics</i> , 2018 , 13, 665-681	5.7	21

92	Prenatal phthalate and early childhood bisphenol A exposures increase asthma risk in inner-city children. <i>Journal of Allergy and Clinical Immunology</i> , 2014 , 134, 1195-7.e2	11.5	21
91	Sources of clinically significant neonatal intensive care unit phthalate exposure. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2020 , 30, 137-148	6.7	21
90	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
89	Advancing methodologies for applying machine learning and evaluating spatiotemporal models of fine particulate matter (PM) using satellite data over large regions. <i>Atmospheric Environment</i> , 2020 , 239, 117649-117649	5.3	20
88	Improved filtering of DNA methylation microarray data by detection p values and its impact on downstream analyses. <i>Clinical Epigenetics</i> , 2019 , 11, 15	7.7	19
87	CpGFilter: model-based CpG probe filtering with replicates for epigenome-wide association studies. <i>Bioinformatics</i> , 2016 , 32, 469-71	7.2	18
86	Prenatal exposure to PM and birth weight: A pooled analysis from three North American longitudinal pregnancy cohort studies. <i>Environment International</i> , 2017 , 107, 173-180	12.9	18
85	Particulate air pollution exposure during pregnancy and postpartum depression symptoms in women in Mexico City. <i>Environment International</i> , 2020 , 134, 105325	12.9	18
84	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
83	Identifying critical windows of prenatal particulate matter (PM) exposure and early childhood blood pressure. <i>Environmental Research</i> , 2020 , 182, 109073	7.9	17
82	Prenatal air pollution exposure and neurodevelopment: A review and blueprint for a harmonized approach within ECHO. <i>Environmental Research</i> , 2021 , 196, 110320	7.9	17
81	Phthalates in Food Packaging, Consumer Products, and Indoor Environments. <i>Molecular and Integrative Toxicology</i> , 2014 , 31-59	0.5	17
80	Maternal iron metabolism gene variants modify umbilical cord blood lead levels by gene-environment interaction: a birth cohort study. <i>Environmental Health</i> , 2014 , 13, 77	6	16
79	Assessing capacity to social distance and neighborhood-level health disparities during the COVID-19 pandemic 2020 ,		16
78	Battle of epigenetic proportions: comparing Illumina [®] EPIC methylation microarrays and TruSeq targeted bisulfite sequencing. <i>Epigenetics</i> , 2020 , 15, 174-182	5.7	16
77	Accelerated DNA methylation age and the use of antihypertensive medication among older adults. <i>Aging</i> , 2018 , 10, 3210-3228	5.6	16
76	Epigenome-wide cross-tissue predictive modeling and comparison of cord blood and placental methylation in a birth cohort. <i>Epigenomics</i> , 2017 , 9, 231-240	4.4	15
75	Empirical comparison of reduced representation bisulfite sequencing and Infinium BeadChip reproducibility and coverage of DNA methylation in humans. <i>Npj Genomic Medicine</i> , 2017 , 2, 13	6.2	15

74	Analysis of hospitalized COVID-19 patients in the Mount Sinai Health System using electronic medical records (EMR) reveals important prognostic factors for improved clinical outcomes		15
73	Children's acute respiratory symptoms associated with PM estimates in two sequential representative surveys from the Mexico City Metropolitan Area. <i>Environmental Research</i> , 2020 , 180, 108868	7.9	15
72	Associations between ambient air temperature, low birth weight and small for gestational age in term neonates in southern Israel. <i>Environmental Health</i> , 2018 , 17, 76	6	15
71	A multi-resolution air temperature model for France from MODIS and Landsat thermal data. <i>Environmental Research</i> , 2020 , 183, 109244	7.9	14
70	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
69	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
68	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
67	miRNA-Processing Gene Methylation and Cancer Risk. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2018 , 27, 550-557	4	13
66	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
65	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
64	miRNA processing gene polymorphisms, blood DNA methylation age and long-term ambient PM exposure in elderly men. <i>Epigenomics</i> , 2017 , 9, 1529-1542	4.4	12
63	Impacts of the Mitochondrial Genome on the Relationship of Long-Term Ambient Fine Particle Exposure with Blood DNA Methylation Age. <i>Environmental Science & Technology</i> , 2017 , 51, 8185-8195	10.3	11
62	Neighborhood-level disparities and subway utilization during the COVID-19 pandemic in New York City. <i>Nature Communications</i> , 2021 , 12, 3692	17.4	11
61	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
60	Estimating near-surface air temperature across Israel using a machine learning based hybrid approach. <i>International Journal of Climatology</i> , 2020 , 40, 6106-6121	3.5	11
59	Cardiovascular and Cerebrovascular Mortality Associated With Acute Exposure to PM in Mexico City. <i>Stroke</i> , 2018 , 49, 1734-1736	6.7	10
58	Gaussian Markov Random Fields versus Linear Mixed Models for satellite-based PM2.5 assessment: Evidence from the Northeastern USA. <i>Atmospheric Environment</i> , 2019 , 205, 30-35	5.3	9
57	Can ultra short-term changes in ambient temperature trigger myocardial infarction?. <i>Environment International</i> , 2020 , 143, 105910	12.9	9

56	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
55	Prenatal PM exposure and behavioral development in children from Mexico City. <i>NeuroToxicology</i> , 2020 , 81, 109-115	4.4	9
54	Metastable DNA methylation sites associated with longitudinal lung function decline and aging in humans: an epigenome-wide study in the NAS and KORA cohorts. <i>Epigenetics</i> , 2018 , 13, 1039-1055	5.7	9
53	Estimation of Hourly near Surface Air Temperature Across Israel Using an Ensemble Model. <i>Remote Sensing</i> , 2020 , 12, 1741	5	8
52	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
51	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
50	Editor's Highlight: Modifying Role of Endothelial Function Gene Variants on the Association of Long-Term PM2.5 Exposure With Blood DNA Methylation Age: The VA Normative Aging Study. <i>Toxicological Sciences</i> , 2017 , 158, 116-126	4.4	7
49	Association of Risk Genotype and Air Pollution for Kidney Disease. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2020 , 15, 401-403	6.9	7
48	Promoter methylation of PGC1A and PGC1B predicts cancer incidence in a veteran cohort. <i>Epigenomics</i> , 2018 , 10, 733-743	4.4	7
47	Biomarkers of aging and lung function in the normative aging study. <i>Aging</i> , 2020 , 12, 11942-11966	5.6	7
46	Exposure to PM and Obesity Prevalence in the Greater Mexico City Area. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	7
45	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
44	Do Women Know Their Prepregnancy Weight?. <i>Obesity</i> , 2019 , 27, 1161-1167	8	5
43	Prenatal salivary sex hormone levels and birth-weight-for-gestational age. <i>Journal of Perinatology</i> , 2019 , 39, 941-948	3.1	5
42	The association of prenatal exposure to intensive traffic with early preterm infant neurobehavioral development as reflected by the NICU Network Neurobehavioral Scale (NNNS). <i>Environmental Research</i> , 2020 , 183, 109204	7.9	5
41	Fine particulate matter exposure and lipid levels among children in Mexico city. <i>Environmental Epidemiology</i> , 2020 , 4, e088	0.2	5
40	Prenatal exposure to particulate air pollution and gestational age at delivery in Massachusetts neonates 2001-2015: A perspective of causal modeling and health disparities. <i>Environmental Epidemiology</i> , 2020 , 4, e113	0.2	5
39	A spatiotemporal reconstruction of daily ambient temperature using satellite data in the Megalopolis of Central Mexico from 2003 to 2019. <i>International Journal of Climatology</i> , 2021 , 41, 4095-4111	3.5	5

38	A 1-km hourly air-temperature model for 13 northeastern U.S. states using remotely sensed and ground-based measurements. <i>Environmental Research</i> , 2021 , 200, 111477	7.9	5
37	The effect of prenatal temperature and PM exposure on birthweight: Weekly windows of exposure throughout the pregnancy. <i>Environment International</i> , 2021 , 155, 106588	12.9	5
36	The associations of phthalate biomarkers during pregnancy with later glycemia and lipid profiles. <i>Environment International</i> , 2021 , 155, 106612	12.9	5
35	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
34	Prenatal and early life exposure to particulate matter, environmental tobacco smoke and respiratory symptoms in Mexican children. <i>Environmental Research</i> , 2021 , 192, 110365	7.9	4
33	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
32	Prenatal PM exposure and neurodevelopment at 2 years of age in a birth cohort from Mexico city. <i>International Journal of Hygiene and Environmental Health</i> , 2021 , 233, 113695	6.9	3
31	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
30	Saliva cell type DNA methylation reference panel for epidemiological studies in children. <i>Epigenetics</i> , 2021 , 1-17	5.7	3
29	Prenatal PM _{2.5} exposure in the second and third trimesters predicts neurocognitive performance at age 9-10 years: A cohort study of Mexico City children. <i>Environmental Research</i> , 2021 , 202, 111651	7.9	3
28	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
27	PM exposure as a risk factor for type 2 diabetes mellitus in the Mexico City metropolitan area. <i>BMC Public Health</i> , 2021 , 21, 2087	4.1	2
26	Gradient boosting machine learning to improve satellite-derived column water vapor measurement error. <i>Atmospheric Measurement Techniques</i> , 2020 , 13, 4669-4681	4	2
25	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
24	A hybrid approach to predict daily NO concentrations at city block scale. <i>Science of the Total Environment</i> , 2021 , 761, 143279	10.2	2
23	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
22	Associations between infant sex and DNA methylation across umbilical cord blood, artery, and placenta samples. <i>Epigenetics</i> , 2021 , 1-18	5.7	2
21	Development and application of a 1-km hourly air-temperature model for the Northeastern and Mid-Atlantic United States using remotely sensed and ground-based measurements		2

20	Associations of short-term exposure to air pollution and increased ambient temperature with psychiatric hospital admissions in older adults in the USA: a case-crossover study.. <i>Lancet Planetary Health, The</i> , 2022 , 6, e331-e341	9.8	2
19	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
18	Prenatal phthalates, gestational weight gain, and long-term weight changes among Mexican women.. <i>Environmental Research</i> , 2022 , 112835	7.9	1
17	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
16	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
15	Maternal haemoglobin levels in pregnancy and child DNA methylation: a study in the pregnancy and childhood epigenetics consortium. <i>Epigenetics</i> , 2021 , 1-13	5.7	1
14	Ambient PM exposure and salivary cortisol output during pregnancy in a multi-ethnic urban sample.. <i>Inhalation Toxicology</i> , 2022 , 1-8	2.7	1
13	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
12	Prenatal PM exposure and infant temperament at age 6 months: Sensitive windows and sex-specific associations.. <i>Environmental Research</i> , 2021 , 206, 112583	7.9	0
11	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
10	Can weather help explain Why now? The potential role of hourly temperature as a stroke trigger. <i>Environmental Research</i> , 2021 , 207, 112229	7.9	0
9	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
8	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
7	The association between ambient temperature variability and myocardial infarction in a New York-State-based case-crossover study: An examination of different variability metrics. <i>Environmental Research</i> , 2021 , 197, 111207	7.9	0
6	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
5	Prenatal maternal phthalate exposures and trajectories of childhood adiposity from four to twelve years. <i>Environmental Research</i> , 2021 , 204, 112111	7.9	0
4	Critical windows of perinatal particulate matter (PM) exposure and preadolescent kidney function. <i>Environmental Research</i> , 2021 , 204, 112062	7.9	0
3	Diurnal Cortisol Concentrations and Growth Indexes of 12- to 48-Month-Old Children From Mexico City. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018 , 103, 3386-3393	5.6	

- 2 Intermediate- and long-term associations between air pollution and ambient temperature and glycated hemoglobin levels in women of child bearing age. *Environment International*, **2022**, 107298 12.9
- 1 Maternal steroids during pregnancy and their associations with ambient air pollution and temperature during preconception and early gestational periods. *Environment International*, **2022**, 107320 12.9