

Allan Just

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.

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	Prenatal phthalates, gestational weight gain, and long-term weight changes among Mexican women.. <i>Environmental Research</i> , 2022 , 112835	7.9	1
162	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
161	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
160	Intermediate- and long-term associations between air pollution and ambient temperature and glyated hemoglobin levels in women of child bearing age. <i>Environment International</i> , 2022 , 107298	12.9	
159	Maternal steroids during pregnancy and their associations with ambient air pollution and temperature during preconception and early gestational periods. <i>Environment International</i> , 2022 , 107320	12.9	
158	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
157	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
156	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
155	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
154	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
153	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
152	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
151	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
150	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	11.1	5
149	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
148	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
147	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

146	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
145	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
144	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
143	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
142	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
141	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
140	AKI in Hospitalized Patients with COVID-19. <i>Journal of the American Society of Nephrology: JASN</i> , 2021 , 32, 151-160	12.7	225
139	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
138	Saliva cell type DNA methylation reference panel for epidemiological studies in children. <i>Epigenetics</i> , 2021 , 1-17	5.7	3
137	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
136	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
135	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
134	Associations between infant sex and DNA methylation across umbilical cord blood, artery, and placenta samples. <i>Epigenetics</i> , 2021 , 1-18	5.7	2
133	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
132	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
131	The associations of phthalate biomarkers during pregnancy with later glycemia and lipid profiles. <i>Environment International</i> , 2021 , 155, 106612	12.9	5
130	Prenatal PM2.5 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
129	Prenatal maternal phthalate exposures and trajectories of childhood adiposity from four to twelve years. <i>Environmental Research</i> , 2021 , 204, 112111	7.9	0

128	Critical windows of perinatal particulate matter (PM) exposure and preadolescent kidney function. <i>Environmental Research</i> , 2021 , 204, 112062	7.9	0
127	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
126	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
125	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
124	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
123	Estimation of Hourly near Surface Air Temperature Across Israel Using an Ensemble Model. <i>Remote Sensing</i> , 2020 , 12, 1741	5	8
122	Can ultra short-term changes in ambient temperature trigger myocardial infarction?. <i>Environment International</i> , 2020 , 143, 105910	12.9	9
121	A multi-resolution air temperature model for France from MODIS and Landsat thermal data. <i>Environmental Research</i> , 2020 , 183, 109244	7.9	14
120	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
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,	6.7	8
118	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
117	Fine particulate matter exposure and lipid levels among children in Mexico city. <i>Environmental Epidemiology</i> , 2020 , 4, e088	0.2	5
116	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
115	Biomarkers of aging and lung function in the normative aging study. <i>Aging</i> , 2020 , 12, 11942-11966	5.6	7
114	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
113	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
112	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
111	Gradient boosting machine learning to improve satellite-derived column water vapor measurement error. <i>Atmospheric Measurement Techniques</i> , 2020 , 13, 4669-4681	4	2

110	Assessing capacity to social distance and neighborhood-level health disparities during the COVID-19 pandemic 2020 ,		16
109	Battle of epigenetic proportions: comparing Illumina [®] EPIC methylation microarrays and TruSeq targeted bisulfite sequencing. <i>Epigenetics</i> , 2020 , 15, 174-182	5.7	16
108	Identifying critical windows of prenatal particulate matter (PM) exposure and early childhood blood pressure. <i>Environmental Research</i> , 2020 , 182, 109073	7.9	17
107	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	7.0	15
106	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
105	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
104	Prenatal PM exposure and behavioral development in children from Mexico City. <i>NeuroToxicology</i> , 2020 , 81, 109-115	4.4	9
103	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
102	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
101	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
100	Estimating Daily PM and PM over Italy Using an Ensemble Model. <i>Environmental Science & Technology</i> , 2020 , 54, 120-128	10.3	37
99	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
98	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
97	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
96	Prenatal particulate air pollution exposure and sleep disruption in preschoolers: Windows of susceptibility. <i>Environment International</i> , 2019 , 124, 329-335	12.9	24
95	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
94	Do Women Know Their Prepregnancy Weight?. <i>Obesity</i> , 2019 , 27, 1161-1167	8	5
93	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

92	Prenatal salivary sex hormone levels and birth-weight-for-gestational age. <i>Journal of Perinatology</i> , 2019 , 39, 941-948	3.1	5
91	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
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	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
88	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
87	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
86	Blood Leukocyte DNA Methylation Predicts Risk of Future Myocardial Infarction and Coronary Heart Disease. <i>Circulation</i> , 2019 , 140, 645-657	16.7	65
85	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
84	Socioeconomic position, lifestyle habits and biomarkers of epigenetic aging: a multi-cohort analysis. <i>Aging</i> , 2019 , 11, 2045-2070	5.6	67
83	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
82	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
81	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
80	miRNA-Processing Gene Methylation and Cancer Risk. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2018 , 27, 550-557	4	13
79	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
78	Meta-analysis of epigenome-wide association studies of cognitive abilities. <i>Molecular Psychiatry</i> , 2018 , 23, 2133-2144	15.1	46
77	A DNA methylation biomarker of alcohol consumption. <i>Molecular Psychiatry</i> , 2018 , 23, 422-433	15.1	164
76	Cohort Profile: Pregnancy And Childhood Epigenetics (PACE) Consortium. <i>International Journal of Epidemiology</i> , 2018 , 47, 22-23u	7.8	62
75	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

74	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
73	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
72	Cumulative lifetime maternal stress and epigenome-wide placental DNA methylation in the PRISM cohort. <i>Epigenetics</i> , 2018 , 13, 665-681	5.7	21
71	Cardiovascular and Cerebrovascular Mortality Associated With Acute Exposure to PM in Mexico City. <i>Stroke</i> , 2018 , 49, 1734-1736	6.7	10
70	Promoter methylation of PGC1A and PGC1B predicts cancer incidence in a veteran cohort. <i>Epigenomics</i> , 2018 , 10, 733-743	4.4	7
69	Neonatal intensive care unit phthalate exposure and preterm infant neurobehavioral performance. <i>PLoS ONE</i> , 2018 , 13, e0193835	3.7	26
68	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
67	Accelerated DNA methylation age and the use of antihypertensive medication among older adults. <i>Aging</i> , 2018 , 10, 3210-3228	5.6	16
66	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
65	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
64	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
63	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
62	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	
61	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
60	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
59	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
58	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
57	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

56	Differential DNA methylation and PM species in a 450K epigenome-wide association study. <i>Epigenetics</i> , 2017 , 12, 139-148	5.7	39
55	Testing for the indirect effect under the null for genome-wide mediation analyses. <i>Genetic Epidemiology</i> , 2017 , 41, 824-833	2.6	32
54	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
53	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
52	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
51	Second trimester extracellular microRNAs in maternal blood and fetal growth: An exploratory study. <i>Epigenetics</i> , 2017 , 12, 804-810	5.7	47
50	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
49	DNA Methylation Analysis Identifies Loci for Blood Pressure Regulation. <i>American Journal of Human Genetics</i> , 2017 , 101, 888-902	11	83
48	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
47	Maternal urinary phthalates and sex-specific placental mRNA levels in an urban birth cohort. <i>Environmental Health</i> , 2017 , 16, 35	6	24
46	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
45	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
44	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
43	Estimating and testing high-dimensional mediation effects in epigenetic studies. <i>Bioinformatics</i> , 2016 , 32, 3150-3154	7.2	66
42	Epigenetic Signatures of Cigarette Smoking. <i>Circulation: Cardiovascular Genetics</i> , 2016 , 9, 436-447		442
41	CpGFilter: model-based CpG probe filtering with replicates for epigenome-wide association studies. <i>Bioinformatics</i> , 2016 , 32, 469-71	7.2	18
40	DNA methylation-based measures of biological age: meta-analysis predicting time to death. <i>Aging</i> , 2016 , 8, 1844-1865	5.6	531
39	Long-term exposure to air pollution is associated with biological aging. <i>Oncotarget</i> , 2016 , 7, 74510-74525.3		83

38	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
37	Satellite remote sensing in epidemiological studies. <i>Current Opinion in Pediatrics</i> , 2016 , 28, 228-34	3.2	45
36	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
35	DNA methylation signatures of chronic low-grade inflammation are associated with complex diseases. <i>Genome Biology</i> , 2016 , 17, 255	18.3	171
34	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
33	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
32	An epigenetic clock for gestational age at birth based on blood methylation data. <i>Genome Biology</i> , 2016 , 17, 206	18.3	132
31	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
30	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
29	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
28	DNA methylation age of blood predicts all-cause mortality in later life. <i>Genome Biology</i> , 2015 , 16, 25	18.3	670
27	Altered miRNA expression in the cervix during pregnancy associated with lead and mercury exposure. <i>Epigenomics</i> , 2015 , 7, 885-96	4.4	41
26	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
25	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
24	microRNA expression in the cervix during pregnancy is associated with length of gestation. <i>Epigenetics</i> , 2015 , 10, 221-8	5.7	37
23	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
22	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
21	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

20	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
19	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
18	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
17	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
16	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
15	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
14	Phthalates in Food Packaging, Consumer Products, and Indoor Environments. <i>Molecular and Integrative Toxicology</i> , 2014 , 31-59	0.5	17
13	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
12	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
11	Perinatal air pollutant exposures and autism spectrum disorder in the children of Nurses' Health Study II participants. <i>Environmental Health Perspectives</i> , 2013 , 121, 978-84	8.4	207
10	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
9	Prenatal exposure to butylbenzyl phthalate and early eczema in an urban cohort. <i>Environmental Health Perspectives</i> , 2012 , 120, 1475-80	8.4	75
8	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
7	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
6	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
5	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
4	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
3	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

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| 2 | 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 |
| 1 | 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 |