Allan C Just

List of Publications by Year
in descending order

64 papers	7,512 citations	94433 37 h-index	110387 64 g-index
65 all docs	65 docs citations	65 times ranked	11495 citing authors

#	Article	IF	Citations
1	Critical windows of perinatal particulate matter (PM2.5) exposure and preadolescent kidney function. Environmental Research, 2022, 204, 112062.	7.5	5
2	Maternal haemoglobin levels in pregnancy and child DNA methylation: a study in the pregnancy and childhood epigenetics consortium. Epigenetics, 2022, 17, 19-31.	2.7	3
3	Intermediate- and long-term associations between air pollution and ambient temperature and glycated hemoglobin levels in women of child bearing age. Environment International, 2022, 165, 107298.	10.0	4
4	Prenatal and early life exposure to particulate matter, environmental tobacco smoke and respiratory symptoms in Mexican children. Environmental Research, 2021, 192, 110365.	7.5	15
5	Prenatal air pollution exposure and neurodevelopment: A review and blueprint for a harmonized approach within ECHO. Environmental Research, 2021, 196, 110320.	7.5	53
6	AKI in Hospitalized Patients with COVID-19. Journal of the American Society of Nephrology: JASN, 2021, 32, 151-160.	6.1	500
7	DNAm-based signatures of accelerated aging and mortality in blood are associated with low renal function. Clinical Epigenetics, 2021, 13, 121.	4.1	13
8	Prenatal urinary concentrations of phthalate metabolites and behavioral problems in Mexican children: The Programming Research in Obesity, Growth Environment and Social Stress (PROGRESS) study. Environmental Research, 2021, 201, 111338.	7.5	6
9	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. Environmental Research, 2021, 202, 111651.	7.5	24
10	PM2.5 exposure as a risk factor for type 2 diabetes mellitus in the Mexico City metropolitan area. BMC Public Health, 2021, 21, 2087.	2.9	14
11	Estimating Daily $PM_{2.5}$ and PM_{10} over Italy Using an Ensemble Model. Environmental Science & Technology, 2020, 54, 120-128.	10.0	70
12	Identifying critical windows of prenatal particulate matter (PM2.5) exposure and early childhood blood pressure. Environmental Research, 2020, 182, 109073.	7.5	36
13	Children's acute respiratory symptoms associated with PM2.5 estimates in two sequential representative surveys from the Mexico City Metropolitan Area. Environmental Research, 2020, 180, 108868.	7.5	27
14	Particulate air pollution exposure during pregnancy and postpartum depression symptoms in women in Mexico City. Environment International, 2020, 134, 105325.	10.0	36
15	Advancing methodologies for applying machine learning and evaluating spatiotemporal models of fine particulate matter (PM2.5) using satellite data over large regions. Atmospheric Environment, 2020, 239, 117649.	4.1	53
16	Prenatal PM2.5 exposure and behavioral development in children from Mexico City. NeuroToxicology, 2020, 81, 109-115.	3.0	35
17	Association of ambient PM2·5 exposure with maternal bone strength in pregnant women from Mexico City: a longitudinal cohort study. Lancet Planetary Health, The, 2020, 4, e530-e537.	11.4	12
18	Fine particulate matter exposure and lipid levels among children in Mexico city. Environmental Epidemiology, 2020, 4, e088.	3.0	14

#	ARTICLE	IF	CITATIONS
19	Machine Learning to Predict Mortality and Critical Events in a Cohort of Patients With COVID-19 in New York City: Model Development and Validation. Journal of Medical Internet Research, 2020, 22, e24018.	4.3	174
20	Comparison of smoking-related DNA methylation between newborns from prenatal exposure and adults from personal smoking. Epigenomics, 2019, 11, 1487-1500.	2.1	64
21	Prenatal Particulate Air Pollution and DNA Methylation in Newborns: An Epigenome-Wide Meta-Analysis. Environmental Health Perspectives, 2019, 127, 57012.	6.0	111
22	Comparative validation of an epigenetic mortality risk score with three aging biomarkers for predicting mortality risks among older adult males. International Journal of Epidemiology, 2019, 48, 1958-1971.	1.9	25
23	Meta-analysis of epigenome-wide association studies in neonates reveals widespread differential DNA methylation associated with birthweight. Nature Communications, 2019, 10, 1893.	12.8	140
24	Impacts of air pollution, temperature, and relative humidity on leukocyte distribution: An epigenetic perspective. Environment International, 2019, 126, 395-405.	10.0	52
25	Association between prenatal particulate air pollution exposure and telomere length in cord blood: Effect modification by fetal sex. Environmental Research, 2019, 172, 495-501.	7.5	51
26	Association of Prenatal and Perinatal Exposures to Particulate Matter With Changes in Hemoglobin A_{1c} Levels in Children Aged 4 to 6 Years. JAMA Network Open, 2019, 2, e1917643.	5.9	18
27	Cohort Profile: Pregnancy And Childhood Epigenetics (PACE) Consortium. International Journal of Epidemiology, 2018, 47, 22-23u.	1.9	105
28	Accelerated DNA methylation age and the use of antihypertensive medication among older adults. Aging, 2018, 10, 3210-3228.	3.1	21
29	Analysis of repeated leukocyte DNA methylation assessments reveals persistent epigenetic alterations after an incident myocardial infarction. Clinical Epigenetics, 2018, 10, 161.	4.1	20
30	Metastable DNA methylation sites associated with longitudinal lung function decline and aging in humans: an epigenome-wide study in the NAS and KORA cohorts. Epigenetics, 2018, 13, 1039-1055.	2.7	19
31	Correcting Measurement Error in Satellite Aerosol Optical Depth with Machine Learning for Modeling PM2.5 in the Northeastern USA. Remote Sensing, 2018, 10, 803.	4.0	58
32	Cardiovascular and Cerebrovascular Mortality Associated With Acute Exposure to $PM_{2.5}$ in Mexico City. Stroke, 2018, 49, 1734-1736.	2.0	23
33	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. Toxicological Sciences, 2017, 158, 116-126.	3.1	10
34	Impacts of the Mitochondrial Genome on the Relationship of Long-Term Ambient Fine Particle Exposure with Blood DNA Methylation Age. Environmental Science & Technology, 2017, 51, 8185-8195.	10.0	16
35	Associations between long-term exposure to PM2.5 component species and blood DNA methylation age in the elderly: The VA normative aging study. Environment International, 2017, 102, 57-65.	10.0	58
36	Differential DNA methylation and $PM_{2.5}$ species in a 450K epigenome-wide association study. Epigenetics, 2017, 12, 139-148.	2.7	52

#	Article	IF	Citations
37	Testing for the indirect effect under the null for genome‐wide mediation analyses. Genetic Epidemiology, 2017, 41, 824-833.	1.3	60
38	Prenatal exposure to PM 2.5 and birth weight: A pooled analysis from three North American longitudinal pregnancy cohort studies. Environment International, 2017, 107, 173-180.	10.0	36
39	Prenatal particulate matter exposure and wheeze in Mexican children. Annals of Allergy, Asthma and Immunology, 2017, 119, 232-237.e1.	1.0	41
40	miRNA processing gene polymorphisms, blood DNA methylation age and long-term ambient $PM_{2.5}$ exposure in elderly men. Epigenomics, 2017, 9, 1529-1542.	2.1	15
41	Maternal urinary phthalates and sex-specific placental mRNA levels in an urban birth cohort. Environmental Health, 2017, 16, 35.	4.0	34
42	Identifying sensitive windows for prenatal particulate air pollution exposure and mitochondrial DNA content in cord blood. Environment International, 2017, 98, 198-203.	10.0	56
43	Exposure to Low Levels of Lead *in Utero* and Umbilical Cord Blood DNA Methylation in Project Viva: An Epigenome-Wide Association Study. Environmental Health Perspectives, 2017, 125, 087019.	6.0	73
44	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. Environmental Health Perspectives, 2016, 124, 983-990.	6.0	150
45	Satellite remote sensing in epidemiological studies. Current Opinion in Pediatrics, 2016, 28, 228-234.	2.0	58
46	Birth weight-for-gestational age is associated with DNA methylation at birth and in childhood. Clinical Epigenetics, 2016, 8, 118.	4.1	61
47	DNA Methylation in Newborns and Maternal Smoking in Pregnancy: Genome-wide Consortium Meta-analysis. American Journal of Human Genetics, 2016, 98, 680-696.	6.2	717
48	Prenatal and postnatal stress and wheeze in Mexican children. Annals of Allergy, Asthma and Immunology, 2016, 116, 306-312.e1.	1.0	55
49	Long-term ambient particle exposures and blood DNA methylation age: findings from the VA normative aging study. Environmental Epigenetics, 2016, 2, dvw006.	1.8	68
50	Epigenetic Signatures of Cigarette Smoking. Circulation: Cardiovascular Genetics, 2016, 9, 436-447.	5.1	678
51	DNA methylation-based measures of biological age: meta-analysis predicting time to death. Aging, 2016, 8, 1844-1865.	3.1	786
52	Long-term exposure to air pollution is associated with biological aging. Oncotarget, 2016, 7, 74510-74525.	1.8	126
53	Vinyl flooring in the home is associated with children's airborne butylbenzyl phthalate and urinary metabolite concentrations. Journal of Exposure Science and Environmental Epidemiology, 2015, 25, 574-579.	3.9	28
54	Using High-Resolution Satellite Aerosol Optical Depth To Estimate Daily $PM_{2.5}$ Geographical Distribution in Mexico City. Environmental Science & Technology, 2015, 49, 8576-8584.	10.0	165

#	Article	IF	Citations
55	Autism Spectrum Disorder and Particulate Matter Air Pollution before, during, and after Pregnancy: A Nested Case–Control Analysis within the Nurses' Health Study II Cohort. Environmental Health Perspectives, 2015, 123, 264-270.	6.0	254
56	DNA methylation age of blood predicts all-cause mortality in later life. Genome Biology, 2015, 16, 25.	8.8	928
57	A new hybrid spatio-temporal model for estimating daily multi-year PM2.5 concentrations across northeastern USA using high resolution aerosol optical depth data. Atmospheric Environment, 2014, 95, 581-590.	4.1	259
58	Phthalates in Food Packaging, Consumer Products, and Indoor Environments. Molecular and Integrative Toxicology, 2014, , 31-59.	0.5	23
59	Urinary concentrations of bisphenol A in an urban minority birth cohort in New York City, prenatal through age 7 years. Environmental Research, 2013, 122, 38-44.	7.5	44
60	Perinatal Air Pollutant Exposures and Autism Spectrum Disorder in the Children of Nurses' Health Study II Participants. Environmental Health Perspectives, 2013, 121, 978-984.	6.0	247
61	Maternal Prenatal Urinary Phthalate Metabolite Concentrations and Child Mental, Psychomotor, and Behavioral Development at 3 Years of Age. Environmental Health Perspectives, 2012, 120, 290-295.	6.0	241
62	Children's Urinary Phthalate Metabolites and Fractional Exhaled Nitric Oxide in an Urban Cohort. American Journal of Respiratory and Critical Care Medicine, 2012, 186, 830-837.	5.6	64
63	Semivolatile Endocrine-Disrupting Compounds in Paired Indoor and Outdoor Air in Two Northern California Communities. Environmental Science & Technology, 2010, 44, 6583-6590.	10.0	178
64	Prenatal Di(2-ethylhexyl)Phthalate Exposure and Length of Gestation Among an Inner-City Cohort. Pediatrics, 2009, 124, e1213-e1220.	2.1	129