

Allan C Just

List of Publications by Year in descending order

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Version: 2024-02-01

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	DNA methylation age of blood predicts all-cause mortality in later life. <i>Genome Biology</i> , 2015, 16, 25.	8.8	928
2	DNA methylation-based measures of biological age: meta-analysis predicting time to death. <i>Aging</i> , 2016, 8, 1844-1865.	3.1	786
3	DNA Methylation in Newborns and Maternal Smoking in Pregnancy: Genome-wide Consortium Meta-analysis. <i>American Journal of Human Genetics</i> , 2016, 98, 680-696.	6.2	717
4	Epigenetic Signatures of Cigarette Smoking. <i>Circulation: Cardiovascular Genetics</i> , 2016, 9, 436-447.	5.1	678
5	AKI in Hospitalized Patients with COVID-19. <i>Journal of the American Society of Nephrology: JASN</i> , 2021, 32, 151-160.	6.1	500
6	A new hybrid spatio-temporal model for estimating daily multi-year PM _{2.5} concentrations across northeastern USA using high resolution aerosol optical depth data. <i>Atmospheric Environment</i> , 2014, 95, 581-590.	4.1	259
7	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. <i>Environmental Health Perspectives</i> , 2015, 123, 264-270.	6.0	254
8	Perinatal Air Pollutant Exposures and Autism Spectrum Disorder in the Children of Nurses' Health Study II Participants. <i>Environmental Health Perspectives</i> , 2013, 121, 978-984.	6.0	247
9	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, 290-295.	6.0	241
10	Semivolatile Endocrine-Disrupting Compounds in Paired Indoor and Outdoor Air in Two Northern California Communities. <i>Environmental Science & Technology</i> , 2010, 44, 6583-6590.	10.0	178
11	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.	4.3	174
12	Using High-Resolution Satellite Aerosol Optical Depth To Estimate Daily PM _{2.5} Geographical Distribution in Mexico City. <i>Environmental Science & Technology</i> , 2015, 49, 8576-8584.	10.0	165
13	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, 983-990.	6.0	150
14	Meta-analysis of epigenome-wide association studies in neonates reveals widespread differential DNA methylation associated with birthweight. <i>Nature Communications</i> , 2019, 10, 1893.	12.8	140
15	Prenatal Di(2-ethylhexyl)Phthalate Exposure and Length of Gestation Among an Inner-City Cohort. <i>Pediatrics</i> , 2009, 124, e1213-e1220.	2.1	129
16	Long-term exposure to air pollution is associated with biological aging. <i>Oncotarget</i> , 2016, 7, 74510-74525.	1.8	126
17	Prenatal Particulate Air Pollution and DNA Methylation in Newborns: An Epigenome-Wide Meta-Analysis. <i>Environmental Health Perspectives</i> , 2019, 127, 57012.	6.0	111
18	Cohort Profile: Pregnancy And Childhood Epigenetics (PACE) Consortium. <i>International Journal of Epidemiology</i> , 2018, 47, 22-23u.	1.9	105

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19	Exposure to Low Levels of Lead <i>in Utero</i> and Umbilical Cord Blood DNA Methylation in Project Viva: An Epigenome-Wide Association Study. <i>Environmental Health Perspectives</i> , 2017, 125, 087019.	6.0	73
20	Estimating Daily PM _{2.5} and PM ₁₀ over Italy Using an Ensemble Model. <i>Environmental Science & Technology</i> , 2020, 54, 120-128.	10.0	70
21	Long-term ambient particle exposures and blood DNA methylation age: findings from the VA normative aging study. <i>Environmental Epigenetics</i> , 2016, 2, dvw006.	1.8	68
22	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, 830-837.	5.6	64
23	Comparison of smoking-related DNA methylation between newborns from prenatal exposure and adults from personal smoking. <i>Epigenomics</i> , 2019, 11, 1487-1500.	2.1	64
24	Birth weight-for-gestational age is associated with DNA methylation at birth and in childhood. <i>Clinical Epigenetics</i> , 2016, 8, 118.	4.1	61
25	Testing for the indirect effect under the null for genome-wide mediation analyses. <i>Genetic Epidemiology</i> , 2017, 41, 824-833.	1.3	60
26	Satellite remote sensing in epidemiological studies. <i>Current Opinion in Pediatrics</i> , 2016, 28, 228-234.	2.0	58
27	Associations between long-term exposure to PM _{2.5} component species and blood DNA methylation age in the elderly: The VA normative aging study. <i>Environment International</i> , 2017, 102, 57-65.	10.0	58
28	Correcting Measurement Error in Satellite Aerosol Optical Depth with Machine Learning for Modeling PM _{2.5} in the Northeastern USA. <i>Remote Sensing</i> , 2018, 10, 803.	4.0	58
29	Identifying sensitive windows for prenatal particulate air pollution exposure and mitochondrial DNA content in cord blood. <i>Environment International</i> , 2017, 98, 198-203.	10.0	56
30	Prenatal and postnatal stress and wheeze in Mexican children. <i>Annals of Allergy, Asthma and Immunology</i> , 2016, 116, 306-312.e1.	1.0	55
31	Advancing methodologies for applying machine learning and evaluating spatiotemporal models of fine particulate matter (PM _{2.5}) using satellite data over large regions. <i>Atmospheric Environment</i> , 2020, 239, 117649.	4.1	53
32	Prenatal air pollution exposure and neurodevelopment: A review and blueprint for a harmonized approach within ECHO. <i>Environmental Research</i> , 2021, 196, 110320.	7.5	53
33	Differential DNA methylation and PM _{2.5} species in a 450K epigenome-wide association study. <i>Epigenetics</i> , 2017, 12, 139-148.	2.7	52
34	Impacts of air pollution, temperature, and relative humidity on leukocyte distribution: An epigenetic perspective. <i>Environment International</i> , 2019, 126, 395-405.	10.0	52
35	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.	7.5	51
36	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.	7.5	44

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37	Prenatal particulate matter exposure and wheeze in Mexican children. <i>Annals of Allergy, Asthma and Immunology</i> , 2017, 119, 232-237.e1.	1.0	41
38	Prenatal exposure to PM 2.5 and birth weight: A pooled analysis from three North American longitudinal pregnancy cohort studies. <i>Environment International</i> , 2017, 107, 173-180.	10.0	36
39	Identifying critical windows of prenatal particulate matter (PM2.5) exposure and early childhood blood pressure. <i>Environmental Research</i> , 2020, 182, 109073.	7.5	36
40	Particulate air pollution exposure during pregnancy and postpartum depression symptoms in women in Mexico City. <i>Environment International</i> , 2020, 134, 105325.	10.0	36
41	Prenatal PM2.5 exposure and behavioral development in children from Mexico City. <i>NeuroToxicology</i> , 2020, 81, 109-115.	3.0	35
42	Maternal urinary phthalates and sex-specific placental mRNA levels in an urban birth cohort. <i>Environmental Health</i> , 2017, 16, 35.	4.0	34
43	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, 574-579.	3.9	28
44	Children's acute respiratory symptoms associated with PM2.5 estimates in two sequential representative surveys from the Mexico City Metropolitan Area. <i>Environmental Research</i> , 2020, 180, 108868.	7.5	27
45	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.	1.9	25
46	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.	7.5	24
47	Cardiovascular and Cerebrovascular Mortality Associated With Acute Exposure to PM _{2.5} in Mexico City. <i>Stroke</i> , 2018, 49, 1734-1736.	2.0	23
48	Phthalates in Food Packaging, Consumer Products, and Indoor Environments. <i>Molecular and Integrative Toxicology</i> , 2014, , 31-59.	0.5	23
49	Accelerated DNA methylation age and the use of antihypertensive medication among older adults. <i>Aging</i> , 2018, 10, 3210-3228.	3.1	21
50	Analysis of repeated leukocyte DNA methylation assessments reveals persistent epigenetic alterations after an incident myocardial infarction. <i>Clinical Epigenetics</i> , 2018, 10, 161.	4.1	20
51	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.	2.7	19
52	Association of Prenatal and Perinatal Exposures to Particulate Matter With Changes in Hemoglobin A _{1c} Levels in Children Aged 4 to 6 Years. <i>JAMA Network Open</i> , 2019, 2, e1917643.	5.9	18
53	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.	10.0	16
54	miRNA processing gene polymorphisms, blood DNA methylation age and long-term ambient PM _{2.5} exposure in elderly men. <i>Epigenomics</i> , 2017, 9, 1529-1542.	2.1	15

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55	Prenatal and early life exposure to particulate matter, environmental tobacco smoke and respiratory symptoms in Mexican children. <i>Environmental Research</i> , 2021, 192, 110365.	7.5	15
56	Fine particulate matter exposure and lipid levels among children in Mexico city. <i>Environmental Epidemiology</i> , 2020, 4, e088.	3.0	14
57	PM2.5 exposure as a risk factor for type 2 diabetes mellitus in the Mexico City metropolitan area. <i>BMC Public Health</i> , 2021, 21, 2087.	2.9	14
58	DNAm-based signatures of accelerated aging and mortality in blood are associated with low renal function. <i>Clinical Epigenetics</i> , 2021, 13, 121.	4.1	13
59	Association of ambient PM2.5 exposure with maternal bone strength in pregnant women from Mexico City: a longitudinal cohort study. <i>Lancet Planetary Health</i> , The, 2020, 4, e530-e537.	11.4	12
60	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.	3.1	10
61	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.	7.5	6
62	Critical windows of perinatal particulate matter (PM2.5) exposure and preadolescent kidney function. <i>Environmental Research</i> , 2022, 204, 112062.	7.5	5
63	Intermediate- and long-term associations between air pollution and ambient temperature and glycated hemoglobin levels in women of child bearing age. <i>Environment International</i> , 2022, 165, 107298.	10.0	4
64	Maternal haemoglobin levels in pregnancy and child DNA methylation: a study in the pregnancy and childhood epigenetics consortium. <i>Epigenetics</i> , 2022, 17, 19-31.	2.7	3