Brent A Coull

List of Publications by Year
in descending order

349 papers	16,710 citations	18436 62 h-index	24179 110 g-index
356 all docs	356 docs citations	356 times ranked	17488 citing authors

#	Article	IF	Citations
1	Bayesian multiple index models for environmental mixtures. Biometrics, 2023, 79, 462-474.	0.8	13
2	Ambient PM_{2.5} exposure and salivary cortisol output during pregnancy in a multi-ethnic urban sample. Inhalation Toxicology, 2023, 35, 101-108.	0.8	2
3	Bayesian data fusion: Probabilistic sensitivity analysis for unmeasured confounding using informative priors based on secondary data. Biometrics, 2022, 78, 730-741.	0.8	2
4	A Cross-Validated Ensemble Approach to Robust Hypothesis Testing of Continuous Nonlinear Interactions: Application to Nutrition-Environment Studies. Journal of the American Statistical Association, 2022, 117, 561-573.	1.8	7
5	Association of Psychological Resilience With Healthy Lifestyle and Body Weight in Young Adulthood. Journal of Adolescent Health, 2022, 70, 258-266.	1.2	9
6	Design and methods of the Apple Womenâ€™s Health Study: a digital longitudinal cohort study. American Journal of Obstetrics and Gynecology, 2022, 226, 545.e1-545.e29.	0.7	16
7	On the Nature of Informative Presence Bias in Analyses of Electronic Health Records. Epidemiology, 2022, 33, 105-113.	1.2	17
8	Prenatal particulate matter exposure and mitochondrial mutational load at the maternal-fetal interface: Effect modification by genetic ancestry. Mitochondrion, 2022, 62, 102-110.	1.6	8
9	Marine pollutant exposures and human milk extracellular vesicle-microRNAs in a mother-infant cohort from the Faroe Islands. Environment International, 2022, 158, 106986.	4.8	11
10	Prenatal exposure to chemical mixtures and working memory among adolescents. Environmental Research, 2022, 205, 112436.	3.7	5
11	Statistical Implications of Endogeneity Induced by Residential Segregation in Small-Area Modeling of Health Inequities. American Statistician, 2022, 76, 142-151.	0.9	3
12	Prenatal PM2.5 exposure and infant temperament at age 6Âmonths: Sensitive windows and sex-specific associations. Environmental Research, 2022, 206, 112583.	3.7	11
13	Joint associations among prenatal metal mixtures and nutritional factors on birth weight z-score: Evidence from an urban U.S. population. Environmental Research, 2022, 208, 112675.	3.7	6
14	The immigrant birthweight paradox in an urban cohort: Role of immigrant enclaves and ambient air pollution. Journal of Exposure Science and Environmental Epidemiology, 2022, 32, 571-582.	1.8	3
15	Exposure to PM2.5 during Pregnancy and Fetal Growth in Eastern Massachusetts, USA. Environmental Health Perspectives, 2022, 130, 17004.	2.8	19
16	Modification of associations between indoor particulate matter and systemic inflammation in individuals with COPD. Environmental Research, 2022, 209, 112802.	3.7	9
17	Powering Research through Innovative Methods for Mixtures in Epidemiology (PRIME) Program: Novel and Expanded Statistical Methods. International Journal of Environmental Research and Public Health, 2022, 19, 1378.	1.2	32
18	Bayesian kernel machine regressionâ€causal mediation analysis. Statistics in Medicine, 2022, 41, 860-876.	0.8	11

#	Article	IF	Citations
19	Associations between air pollution and psychiatric symptoms in the Normative Aging Study. Environmental Research Letters, 2022, 17, 034004.	2.2	4
20	Prenatal exposure to a mixture of organochlorines and metals and internalizing symptoms in childhood and adolescence. Environmental Research, 2022, 208, 112701.	3.7	9
21	The impact of personal and outdoor temperature exposure during cold and warm seasons on lung function and respiratory symptoms in COPD. ERJ Open Research, 2022, 8, 00574-2021.	1.1	6
22	Prenatal and postnatal exposures to endocrine disrupting chemicals and timing of pubertal onset in girls and boys: a systematic review and meta-analysis. Human Reproduction Update, 2022, 28, 687-716.	5.2	12
23	Prenatal Fine Particulate Matter, Maternal Micronutrient Antioxidant Intake, and Early Childhood Repeated Wheeze: Effect Modification by Race/Ethnicity and Sex. Antioxidants, 2022, 11, 366.	2.2	3
24	HEPA filtration intervention in classrooms may improve some studentsâ€™ asthma. Journal of Asthma, 2022, , 1-12.	0.9	6
25	Ordinal probit functional outcome regression with application to computer-use behavior in rhesus monkeys. Annals of Applied Statistics, 2022, 16, .	0.5	2
26	Psychological resilience and diurnal salivary cortisol in young adulthood. Psychoneuroendocrinology, 2022, 140, 105736.	1.3	4
27	Indoor humidity levels and associations with reported symptoms in office buildings. Indoor Air, 2022, 32, .	2.0	9
28	Postnatal exposure to PM2.5 and weight trajectories in early childhood. Environmental Epidemiology, 2022, 6, e181.	1.4	3
29	Attempts to Conceive and the COVID-19 Pandemic: Data from the Apple Womenâ€™s Health Study. American Journal of Obstetrics and Gynecology, 2022, , .	0.7	2
30	Childhood Asthma Incidence, Early and Persistent Wheeze, and Neighborhood Socioeconomic Factors in the ECHO/CREW Consortium. JAMA Pediatrics, 2022, 176, 759.	3.3	41
31	DNA methylation-based biomarkers of age acceleration and all-cause death, myocardial infarction, stroke, and cancer in two cohorts: The NAS, and KORA F4. EBioMedicine, 2021, 63, 103151.	2.7	42
32	Impact of â€œhealthierâ€•materials interventions on dust concentrations of per- and polyfluoroalkyl substances, polybrominated diphenyl ethers, and organophosphate esters. Environment International, 2021, 150, 106151.	4.8	22
33	Real-time indoor PM2.5 monitoring in an urban cohort: Implications for exposure disparities and source control. Environmental Research, 2021, 193, 110561.	3.7	17
34	Immune Markers and Their Association with Bone Density in Children, Adolescents, and Young Adults with Perinatally Acquired HIV. AIDS Research and Human Retroviruses, 2021, 37, 122-129.	0.5	0
35	Associations between acute and long-term exposure to PM2.5 components and temperature with QT interval length in the VA Normative Aging Study. European Journal of Preventive Cardiology, 2021, , .	0.8	2
36	Impact of Differential Privacy and Census Tract Data Source (Decennial Census Versus American) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6 265-268.	1.5	7

#	Article	IF	Citations
37	Assessing additive effects of air pollutants on mortality rate in Massachusetts. Environmental Health, 2021, 20, 19.	1.7	2
38	Human milk extracellular vesicle miRNA expression and associations with maternal characteristics in a population-based cohort from the Faroe Islands. Scientific Reports, 2021, 11, 5840.	1.6	34
39	Plasma Concentrations of Per- and Polyfluoroalkyl Substances and Body Composition From Mid-Childhood to Early Adolescence. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e3760-e3770.	1.8	12
40	Assessing Indoor Dust Interference with Human Nuclear Hormone Receptors in Cell-Based Luciferase Reporter Assays. Environmental Health Perspectives, 2021, 129, 47010.	2.8	23
41	Long-Term Association of Air Pollution and Hospital Admissions Among Medicare Participants Using a Doubly Robust Additive Model. Circulation, 2021, 143, 1584-1596.	1.6	78
42	Associations between PM2.5 metal components and QT interval length in the Normative Aging Study. Environmental Research, 2021, 195, 110827.	3.7	7
43	Life-course Exposure to Perfluoroalkyl Substances in Relation to Markers of Glucose Homeostasis in Early Adulthood. Journal of Clinical Endocrinology and Metabolism, 2021, 106, 2495-2504.	1.8	17
44	Air Pollution, Neonatal Immune Responses, and Potential Joint Effects of Maternal Depression. International Journal of Environmental Research and Public Health, 2021, 18, 5062.	1.2	6
45	Short-term air pollution, cognitive performance and nonsteroidal anti-inflammatory drug use in the Veterans Affairs Normative Aging Study. Nature Aging, 2021, 1, 430-437.	5.3	33
46	Prenatal Ambient Ultrafine Particle Exposure and Childhood Asthma in the Northeastern United States. American Journal of Respiratory and Critical Care Medicine, 2021, 204, 788-796.	2.5	26
47	Identifying US County-level characteristics associated with high COVID-19 burden. BMC Public Health, 2021, 21, 1007.	1.2	11
48	Maternal active asthma in pregnancy influences associations between polyunsaturated fatty acid intake and child asthma. Annals of Allergy, Asthma and Immunology, 2021, 127, 553-561.e3.	0.5	5
49	DNAm-based signatures of accelerated aging and mortality in blood are associated with low renal function. Clinical Epigenetics, 2021, 13, 121.	1.8	13
50	The influence of fine particulate matter on the association between residential greenness and ovarian reserve. Environmental Research, 2021, 197, 111162.	3.7	12
51	Comparing denominator sources for real-time disease incidence modeling: American Community Survey and WorldPop. SSM - Population Health, 2021, 14, 100786.	1.3	4
52	Endocrine Disrupting Chemicals and Risk of Testicular Cancer: A Systematic Review and Meta-analysis. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e4834-e4860.	1.8	11
53	Early pregnancy exposure to metals and maternal depressive symptom trajectories in Project Viva. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
54	The effects of ventilation and filtration on indoor PM2.5 in office buildings in four countries. Building and Environment, 2021, 200, 107975.	3.0	20

#	Article	IF	Citations
55	Psychological resilience predicting cardiometabolic conditions in adulthood in the Midlife in the United States Study. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	7
56	Bayesian distributed lag interaction models using spike and slab priors. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
57	Environmental Mixture Methods: Recommendations to Promote Robust Results in the Presence of Random Sampling. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
58	Social Determinants of Housing Quality for U.S. Immigrants: Intersections of Nativity, Race, and Socioeconomic Status. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
59	Residential PM2.5 exposure and the nasal methylome in children. Environment International, 2021, 153, 106505.	4.8	10
60	Solar activity and number of live births in Massachusetts neonates 2000-2015. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
61	Building blocks of executive function as mediators of the association of prenatal manganese exposure with problem-solving skills among adolescents. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
62	Exposure to PMâ„.â,... during pregnancy and ultrasound parameters of fetal growth in Massachusetts, USA. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
63	The Role of Immigrant Enclaves and Ambient Air Pollution Exposure in the Immigrant Birthweight Paradox. ISEE Conference Abstracts, 2021, 2021, .	0.0	1
64	Associations of Prenatal First-Trimester Metal Mixtures with Adiposity during Childhood in the Project Viva Cohort. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
65	Associations of prenatal organochlorine and metal exposures with anxiety and depressive disorder diagnoses in the New Bedford Cohort. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
66	Prenatal metal exposure, cord blood DNA methylation and persistence in childhood: epigenome-wide association study of twelve metals. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
67	Effect of School Integrated Pest Management or Classroom Air Filter Purifiers on Asthma Symptoms in Students With Active Asthma. JAMA - Journal of the American Medical Association, 2021, 326, 839.	3.8	45
68	Short-term exposure to PM2.5 components and renal health: Findings from the Veterans Affairs Normative Aging Study. Journal of Hazardous Materials, 2021, 420, 126557.	6.5	20
69	Prenatal exposure to a mixture of elements and neurobehavioral outcomes in mid-childhood: Results from Project Viva. Environmental Research, 2021, 201, 111540.	3.7	8
70	Early pregnancy exposure to metal mixture and birth outcomes â€“ A prospective study in Project Viva. Environment International, 2021, 156, 106714.	4.8	27
71	Chemical contaminant exposures assessed using silicone wristbands among occupants in office buildings in the USA, UK, China, and India. Environment International, 2021, 156, 106727.	4.8	19
72	Critical windows of susceptibility in the association between manganese and neurocognition in Italian adolescents living near ferro-manganese industry. NeuroToxicology, 2021, 87, 51-61.	1.4	18

#	Article	IF	Citations
73	Reflection on modern methods: good practices for applied statistical learning in epidemiology. International Journal of Epidemiology, 2021, 50, 685-693.	0.9	6
74	Effects of particulate matter gamma radiation on oxidative stress biomarkers in COPD patients. Journal of Exposure Science and Environmental Epidemiology, 2021, 31, 727-735.	1.8	4
75	Long-term effect of exposure to lower concentrations of air pollution on mortality among US Medicare participants and vulnerable subgroups: a doubly-robust approach. Lancet Planetary Health, The, 2021, 5, e689-e697.	5.1	54
76	Prenatal Exposure to Chemical Mixtures and Inhibition among Adolescents. Toxics, 2021, 9, 311.	1.6	5
77	Prospective Associations of Early Pregnancy Metal Mixtures with Mitochondria DNA Copy Number and Telomere Length in Maternal and Cord Blood. Environmental Health Perspectives, 2021, 129, 117007.	2.8	28
78	Analysis of long- and medium-term particulate matter exposures and stroke in the US-based Health Professionals Follow-up Study. Environmental Epidemiology, 2021, 5, e178.	1.4	4
79	Prenatal metal exposure, cord blood DNA methylation and persistence in childhood: an epigenome-wide association study of 12 metals. Clinical Epigenetics, 2021, 13, 208.	1.8	20
80	Prenatal Exposure to Chemical Mixtures and Cognitive Flexibility among Adolescents. Toxics, 2021, 9, 329.	1.6	6
81	Bayesian variable selection for multivariate zero-inflated models: Application to microbiome count data. Biostatistics, 2020, 21, 499-517.	0.9	12
82	Informatively empty clusters with application to multigenerational studies. Biostatistics, 2020, 21, 775-789.	0.9	11
83	Racial, ethnic, and socioeconomic differences in adolescent food allergy. Journal of Allergy and Clinical Immunology: in Practice, 2020, 8, 336-338.e3.	2.0	9
84	Corrections for measurement error due to delayed onset of illness for caseâ€crossover designs. Biometrics, 2020, 76, 963-972.	0.8	0
85	Characterization of longitudinal wheeze phenotypes from infancy to adolescence in Project Viva, a prebirth cohort study. Journal of Allergy and Clinical Immunology, 2020, 145, 716-719.e8.	1.5	21
86	Proximity to major roadways and asthma symptoms in the School Inner-City Asthma Study. Journal of Allergy and Clinical Immunology, 2020, 145, 119-126.e4.	1.5	36
87	Short-term exposures to particulate matter gamma radiation activities and biomarkers of systemic inflammation and endothelial activation in COPD patients. Environmental Research, 2020, 180, 108841.	3.7	6
88	A flexible and nearly optimal sequential testing approach to randomized testing: QUICKâ€STOP. Genetic Epidemiology, 2020, 44, 139-147.	0.6	4
89	The association between abuse history in childhood and salivary rhythms of cortisol and DHEA in postmenopausal women. Psychoneuroendocrinology, 2020, 112, 104515.	1.3	10
90	Unconventional oil and gas development and ambient particle radioactivity. Nature Communications, 2020, 11, 5002.	5.8	20

#	Article	IF	Citations
91	The role of body mass index at diagnosis of colorectal cancer on Blackâ€“White disparities in survival: a density regression mediation approach. Biostatistics, 2020, , .	0.9	3
92	Prenatal PM2.5 exposure and behavioral development in children from Mexico City. NeuroToxicology, 2020, 81, 109-115.	1.4	35
93	Exposure to Air Pollution and Particle Radioactivity With the Risk of Ventricular Arrhythmias. Circulation, 2020, 142, 858-867.	1.6	18
94	Association of Neutrophil to Lymphocyte Ratio With Pulmonary Function in a 30-Year Longitudinal Study of US Veterans. JAMA Network Open, 2020, 3, e2010350.	2.8	18
95	On the interplay between exposure misclassification and informative cluster size. Journal of the Royal Statistical Society Series C: Applied Statistics, 2020, 69, 1209-1226.	0.5	0
96	Age and mitochondrial DNA copy number influence the association between outdoor temperature and cognitive function. Environmental Epidemiology, 2020, 4, e0108.	1.4	8
97	Population-scale longitudinal mapping of COVID-19 symptoms, behaviour and testing. Nature Human Behaviour, 2020, 4, 972-982.	6.2	93
98	Association of Exposure to Endocrine-Disrupting Chemicals During Adolescence With Attention-Deficit/Hyperactivity Disorderâ€“Related Behaviors. JAMA Network Open, 2020, 3, e2015041.	2.8	23
99	Associations of a Metal Mixture Measured in Multiple Biomarkers with IQ: Evidence from Italian Adolescents Living near Ferroalloy Industry. Environmental Health Perspectives, 2020, 128, 97002.	2.8	73
100	Measurements of Gross Î±- and Î²-Activities of Archived PM2.5 and PM10 Teflon Filter Samples. Environmental Science & Technology, 2020, 54, 11780-11788.	4.6	10
101	Racial Disparities in Associations between Neighborhood Demographic Polarization and Birth Weight. International Journal of Environmental Research and Public Health, 2020, 17, 3076.	1.2	1
102	Exposure to Particle Beta Radiation in Greater Massachusetts and Factors Influencing Its Spatial and Temporal Variability. Environmental Science & Technology, 2020, 54, 6575-6583.	4.6	8
103	Differential Effect of School-Based Pollution Exposure in Children With Asthma Born Prematurely. Chest, 2020, 158, 1361-1363.	0.4	7
104	Prenatal particulate air pollution and newborn telomere length: Effect modification by maternal antioxidant intakes and infant sex. Environmental Research, 2020, 187, 109707.	3.7	39
105	Estimating the causal effect of prenatal lead exposure on prepulse inhibition deficits in children and adolescents. NeuroToxicology, 2020, 78, 116-126.	1.4	12
106	Lung Function Tracking throughout Childhood: Growth Trajectories May Not Be Set in Stone. Journal of Allergy and Clinical Immunology: in Practice, 2020, 8, 1272-1274.	2.0	3
107	Prenatal Ambient Particulate Matter Exposure and Longitudinal Weight Growth Trajectories in Early Childhood. International Journal of Environmental Research and Public Health, 2020, 17, 1444.	1.2	16
108	Indoor air pollution and respiratory health effects in inner city children with moderate to severe asthma. Air Quality, Atmosphere and Health, 2020, 13, 247-257.	1.5	10

#	Article	IF	Citations
109	Fine particulate matter exposure and lipid levels among children in Mexico city. Environmental Epidemiology, 2020, 4, e088.	1.4	14
110	Short-term exposure to ambient particle gamma radioactivity is associated with increased risk for all-cause non-accidental and cardiovascular mortality. Science of the Total Environment, 2020, 721, 137793.	3.9	7
111	Biomarkers of aging and lung function in the normative aging study. Aging, 2020, 12, 11942-11966.	1.4	15
112	Change in Inhaler Use, Lung Function, and Oxygenation in Association with Symptoms in COPD. Chronic Obstructive Pulmonary Diseases (Miami, Fla), 2020, 7, 404-412.	0.5	2
113	The on-board carbon dioxide concentrations and ventilation performance in passenger cabins of US domestic flights. Indoor and Built Environment, 2019, 28, 761-771.	1.5	30
114	Climate impact on ambient PM2.5 elemental concentration in the United States: A trend analysis over the last 30â€¯years. Environment International, 2019, 131, 104888.	4.8	36
115	Smoking-Related DNA Methylation is Associated with DNA Methylation Phenotypic Age Acceleration: The Veterans Affairs Normative Aging Study. International Journal of Environmental Research and Public Health, 2019, 16, 2356.	1.2	22
116	The nasal methylome as a biomarker of asthma and airway inflammation in children. Nature Communications, 2019, 10, 3095.	5.8	129
117	Short-term ambient particle radioactivity level and renal function in older men: Insight from the Normative Aging Study. Environment International, 2019, 131, 105018.	4.8	13
118	Supplemental Folate and the Relationship Between Traffic-Related Air Pollution and Livebirth Among Women Undergoing Assisted Reproduction. American Journal of Epidemiology, 2019, 188, 1595-1604.	1.6	18
119	Time-Varying Exposure to Air Pollution and Outcomes of in Vitro Fertilization among Couples from a Fertility Clinic. Environmental Health Perspectives, 2019, 127, 77002.	2.8	35
120	Perfluoroalkyl substances and changes in bone mineral density: A prospective analysis in the POUNDS-LOST study. Environmental Research, 2019, 179, 108775.	3.7	25
121	Prenatal Exposure to PM2.5 and Cardiac Vagal Tone during Infancy: Findings from a Multiethnic Birth Cohort. Environmental Health Perspectives, 2019, 127, 107007.	2.8	10
122	Changes in Heart Rate and Rhythm During a Crossover Study of Simulated Commercial Flight in Older and Vulnerable Participants. Frontiers in Physiology, 2019, 10, 1339.	1.3	7
123	Prenatal oxidative balance and risk of asthma and allergic disease in adolescence. Journal of Allergy and Clinical Immunology, 2019, 144, 1534-1541.e5.	1.5	33
124	An overview of methods to address distinct research questions on environmental mixtures: an application to persistent organic pollutants and leukocyte telomere length. Environmental Health, 2019, 18, 76.	1.7	70
125	Geomagnetic disturbances driven by solar activity enhance total and cardiovascular mortality risk in 263â€‰U.S. cities. Environmental Health, 2019, 18, 83.	1.7	23
126	Gene-environment interaction and maternal arsenic methylation efficiency during pregnancy. Environment International, 2019, 125, 43-50.	4.8	21

#	Article	IF	Citations
127	The influence of spatial patterning on modeling PM2.5 constituents in Eastern Massachusetts. Science of the Total Environment, 2019, 682, 247-258.	3.9	2
128	Multivariate spatial patterns of ambient PM2.5 elemental concentrations in Eastern Massachusetts. Environmental Pollution, 2019, 252, 1942-1952.	3.7	3
129	Evaluation of predictive capabilities of ordinary geostatistical interpolation, hybrid interpolation, and machine learning methods for estimating PM2.5 constituents over space. Environmental Research, 2019, 175, 421-433.	3.7	22
130	Short-term effects of particle gamma radiation activities on pulmonary function in COPD patients. Environmental Research, 2019, 175, 221-227.	3.7	13
131	Associations between ambient particle radioactivity and lung function. Environment International, 2019, 130, 104795.	4.8	29
132	County-level radon exposure and all-cause mortality risk among Medicare beneficiaries. Environment International, 2019, 130, 104865.	4.8	12
133	Sex-specific associations between prenatal negative life events and birth outcomes. Stress, 2019, 22, 647-653.	0.8	27
134	Legacy health effects among never smokers exposed to occupational secondhand smoke. PLoS ONE, 2019, 14, e0215445.	1.1	2
135	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.	0.9	25
136	Pathway analysis of a genome-wide gene by air pollution interaction study in asthmatic children. Journal of Exposure Science and Environmental Epidemiology, 2019, 29, 539-547.	1.8	13
137	Synthesis of Harvard Environmental Protection Agency (EPA) Center studies on traffic-related particulate pollution and cardiovascular outcomes in the Greater Boston Area. Journal of the Air and Waste Management Association, 2019, 69, 900-917.	0.9	11
138	Impacts of air pollution, temperature, and relative humidity on leukocyte distribution: An epigenetic perspective. Environment International, 2019, 126, 395-405.	4.8	52
139	Association between prenatal particulate air pollution exposure and telomere length in cord blood: Effect modification by fetal sex. Environmental Research, 2019, 172, 495-501.	3.7	51
140	Socio-demographic predictors of prepulse inhibition: A prospective study in children and adolescents from Mexico City. Biological Psychology, 2019, 145, 8-16.	1.1	4
141	Prenatal cortisol modifies the association between maternal trauma history and child cognitive development in a sex-specific manner in an urban pregnancy cohort. Stress, 2019, 22, 228-235.	0.8	12
142	Correlation over time of toenail metals among participants in the VA normative aging study from 1992 to 2014. Journal of Exposure Science and Environmental Epidemiology, 2019, 29, 663-673.	1.8	16
143	Determinants of arsenic methylation efficiency and urinary arsenic level in pregnant women in Bangladesh. Environmental Health, 2019, 18, 94.	1.7	26
144	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.	2.8	18

#	Article	IF	Citations
145	Fine Particulate Air Pollution and Birthweight: Differences in Associations Along the Birthweight Distribution. Epidemiology, 2019, 30, 617-623.	1.2	22
146	Change in PM2.5 exposure and mortality among Medicare recipients. Environmental Epidemiology, 2019, 3, e054.	1.4	12
147	Associations of prenatal exposure to polybrominated diphenyl ethers and polychlorinated biphenyls with long-term gut microbiome structure: a pilot study. Environmental Epidemiology, 2019, 3, e039.	1.4	23
148	Exposure to Fine Particulate Matter and Ovarian Reserve Among Women from a Fertility Clinic. Epidemiology, 2019, 30, 486-491.	1.2	51
149	Association Between Meconium Acetaminophen and Childhood Neurocognitive Development in GESTE, a Canadian Cohort Study. Toxicological Sciences, 2019, 167, 138-144.	1.4	22
150	Stress and hair cortisol concentrations from preconception to the third trimester. Stress, 2019, 22, 60-69.	0.8	30
151	Patterns of body mass index milestones in early life and cardiometabolic risk in early adolescence. International Journal of Epidemiology, 2019, 48, 157-167.	0.9	45
152	Assessing the contributions of metals in environmental media to exposure biomarkers in a region of ferroalloy industry. Journal of Exposure Science and Environmental Epidemiology, 2019, 29, 674-687.	1.8	44
153	Short-term exposure to ambient air pollution and circulating biomarkers of endothelial cell activation: The Framingham Heart Study. Environmental Research, 2019, 171, 36-43.	3.7	20
154	Effect modification of ambient particle mortality by radon: A time series analysis in 108 U.S. cities. Journal of the Air and Waste Management Association, 2019, 69, 266-276.	0.9	26
155	Persistent organic pollutants and risk of type 2 diabetes: A prospective investigation among middle-aged women in Nurses' Health Study II. Environment International, 2018, 114, 334-342.	4.8	62
156	Lifetime air pollution exposure and asthma in a pediatric birth cohort. Journal of Allergy and Clinical Immunology, 2018, 141, 1932-1934.e7.	1.5	30
157	An evaluation of distal hair cortisol concentrations collected at delivery. Stress, 2018, 21, 355-365.	0.8	9
158	Congenital Abnormalities of the Male Reproductive System and Risk of Autism Spectrum Disorders. American Journal of Epidemiology, 2018, 187, 656-663.	1.6	19
159	The relationship between surrounding greenness in childhood and adolescence and depressive symptoms in adolescence and early adulthood. Annals of Epidemiology, 2018, 28, 213-219.	0.9	64
160	The Association Between Natural Environments and Depressive Symptoms in Adolescents Living in the United States. Journal of Adolescent Health, 2018, 62, 488-495.	1.2	70
161	Uncovering neurodevelopmental windows of susceptibility to manganese exposure using dentine microspatial analyses. Environmental Research, 2018, 161, 588-598.	3.7	41
162	Prenatal particulate matter exposure and mitochondrial dysfunction at the maternal-fetal interface: Effect modification by maternal lifetime trauma and child sex. Environment International, 2018, 112, 49-58.	4.8	70

#	Article	IF	Citations
163	Ambient air pollution, adipokines, and glucose homeostasis: The Framingham Heart Study. Environment International, 2018, 111, 14-22.	4.8	44
164	Prenatal fine particulate exposure associated with reduced childhood lung function and nasal epithelia GSTP1 hypermethylation: Sex-specific effects. Respiratory Research, 2018, 19, 76.	1.4	32
165	Cumulative exposure to environmental pollutants during early pregnancy and reduced fetal growth: the Project Viva cohort. Environmental Health, 2018, 17, 19.	1.7	29
166	Residential proximity to major roadways and traffic in relation to outcomes of in vitro fertilization. Environment International, 2018, 115, 239-246.	4.8	29
167	Indoor black carbon of outdoor origin and oxidative stress biomarkers in patients with chronic obstructive pulmonary disease. Environment International, 2018, 115, 188-195.	4.8	27
168	Nitrogen dioxide exposure in school classrooms of inner-city children with asthma. Journal of Allergy and Clinical Immunology, 2018, 141, 2249-2255.e2.	1.5	75
169	A crossoverâ€“crossback prospective study of dibutyl-phthalate exposure from mesalamine medications and serum reproductive hormones in men. Environmental Research, 2018, 160, 121-131.	3.7	12
170	Prenatal fine particulate exposure and early childhood asthma: Effect of maternal stress and fetal sex. Journal of Allergy and Clinical Immunology, 2018, 141, 1880-1886.	1.5	116
171	Accelerated DNA methylation age and the use of antihypertensive medication among older adults. Aging, 2018, 10, 3210-3228.	1.4	21
172	Analysis of Observational Self-matched Data to Examine Acute Triggers of Outcome Events with Abrupt Onset. Epidemiology, 2018, 29, 804-816.	1.2	43
173	Effects of Indoor and Ambient Black Carbon and PM2.5 on Pulmonary Function among Individuals with COPD. Environmental Health Perspectives, 2018, 126, 127008.	2.8	26
174	Residential Proximity to Major Roadways at Birth, DNA Methylation at Birth and Midchildhood, and Childhood Cognitive Test Scores: Project Viva(Massachusetts, USA). Environmental Health Perspectives, 2018, 126, 97006.	2.8	15
175	Plasma Concentrations of Perfluoroalkyl Substances and Risk of Type 2 Diabetes: A Prospective Investigation among U.S. Women. Environmental Health Perspectives, 2018, 126, 037001.	2.8	113
176	Recent exposure to particle radioactivity and biomarkers of oxidative stress and inflammation: The Framingham Heart Study. Environment International, 2018, 121, 1210-1216.	4.8	27
177	Bayesian varying coefficient kernel machine regression to assess neurodevelopmental trajectories associated with exposure to complex mixtures. Statistics in Medicine, 2018, 37, 4680-4694.	0.8	37
178	Maternal Lifetime Trauma and Birthweight: Effect Modification by In Utero Cortisol and Child Sex. Journal of Pediatrics, 2018, 203, 301-308.	0.9	20
179	Road proximity influences indoor exposures to ambient fine particle mass and components. Environmental Pollution, 2018, 243, 978-987.	3.7	30
180	Concussion History and Cognitive Function in a Large Cohort of Adolescent Athletes. American Journal of Sports Medicine, 2018, 46, 3262-3270.	1.9	13

#	Article	IF	Citations
181	Statistical software for analyzing the health effects of multiple concurrent exposures via Bayesian kernel machine regression. Environmental Health, 2018, 17, 67.	1.7	506
182	Indoor black carbon and biomarkers of systemic inflammation and endothelial activation in COPD patients. Environmental Research, 2018, 165, 358-364.	3.7	32
183	Lagged kernel machine regression for identifying time windows of susceptibility to exposures of complex mixtures. Biostatistics, 2018, 19, 325-341.	0.9	40
184	Association between particulate air pollution exposure during pregnancy and postpartum maternal psychological functioning. PLoS ONE, 2018, 13, e0195267.	1.1	33
185	Pre-, Perinatal, and Parental Predictors of Body Mass Index Trajectory Milestones. Journal of Pediatrics, 2018, 201, 69-77.e8.	0.9	36
186	Development of a modeling approach to estimate indoor-to-outdoor sulfur ratios and predict indoor PM2.5 and black carbon concentrations for Eastern Massachusetts households. Journal of Exposure Science and Environmental Epidemiology, 2018, 28, 125-130.	1.8	28
187	Residential Greenness and Birthweight in the State of Massachusetts, USA. International Journal of Environmental Research and Public Health, 2018, 15, 1248.	1.2	41
188	Relation of Prenatal Air Pollutant and Nutritional Exposures with Biomarkers of Allergic Disease in Adolescence. Scientific Reports, 2018, 8, 10578.	1.6	19
189	A possible approach to improving the reproducibility of urinary concentrations of phthalate metabolites and phenols during pregnancy. Journal of Exposure Science and Environmental Epidemiology, 2018, 28, 448-460.	1.8	28
190	Cancer prevalence among flight attendants compared to the general population. Environmental Health, 2018, 17, 49.	1.7	27
191	Estimating the health consequences of flight attendant work: comparing flight attendant health to the general population in a cross-sectional study. BMC Public Health, 2018, 18, 346.	1.2	38
192	Prenatal nitrate air pollution exposure and reduced child lung function: Timing and fetal sex effects. Environmental Research, 2018, 167, 591-597.	3.7	29
193	Modeling the health effects of timeâ€varying complex environmental mixtures: Mean field variational Bayes for lagged kernel machine regression. Environmetrics, 2018, 29, e2504.	0.6	18
194	Perfluoroalkyl substances and changes in body weight and resting metabolic rate in response to weight-loss diets: A prospective study. PLoS Medicine, 2018, 15, e1002502.	3.9	117
195	Prenatal Exposure to Traffic Pollution and Childhood Body Mass Index Trajectory. Frontiers in Endocrinology, 2018, 9, 771.	1.5	26
196	Local Residential Segregation Matters: Stronger Association of Census Tract Compared to Conventional City-Level Measures with Fatal and Non-Fatal Assaults (Total and Firearm Related), Using the Index of Concentration at the Extremes (ICE) for Racial, Economic, and Racialized Economic Segregation, Massachusetts (US), 1995â€“2010. Journal of Urban Health, 2017, 94, 244-258.	1.8	93
197	Misclassified exposure in epigenetic mediation analyses. Does DNA methylation mediate effects of smoking on birthweight?. Epigenomics, 2017, 9, 253-265.	1.0	42
198	Associations between post translational histone modifications, myelomeningocele risk, environmental arsenic exposure, and folate deficiency among participants in a case control study in Bangladesh. Epigenetics, 2017, 12, 484-491.	1.3	24

#	Article	IF	Citations
199	Editorâ€™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.	1.4	10
200	Association Between Allergen Exposure in Inner-City Schools and Asthma Morbidity Among Students. JAMA Pediatrics, 2017, 171, 31.	3.3	114
201	The School Inner-City Asthma Intervention Study: Design, rationale, methods, and lessons learned. Contemporary Clinical Trials, 2017, 60, 14-23.	0.8	40
202	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.	4.6	16
203	B-vitamin Supplementation Mitigates Effects of Fine Particles on Cardiac Autonomic Dysfunction and Inflammation: A Pilot Human Intervention Trial. Scientific Reports, 2017, 7, 45322.	1.6	31
204	Short-term effects of air temperature and mitochondrial DNA lesions within an older population. Environment International, 2017, 103, 23-29.	4.8	3
205	B vitamins attenuate the epigenetic effects of ambient fine particles in a pilot human intervention trial. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 3503-3508.	3.3	121
206	Residential proximity to major roads, exposure to fine particulate matter and aortic calcium: the Framingham Heart Study, a cohort study. BMJ Open, 2017, 7, e013455.	0.8	13
207	Prenatal lead exposure and fetal growth: Smaller infants have heightened susceptibility. Environment International, 2017, 99, 228-233.	4.8	44
208	Fine-scale spatial and temporal variation in temperature and arrhythmia episodes in the VA Normative Aging Study. Journal of the Air and Waste Management Association, 2017, 67, 96-104.	0.9	12
209	Manganese in teeth and neurobehavior: Sex-specific windows of susceptibility. Environment International, 2017, 108, 299-308.	4.8	67
210	Sex differences in sensitivity to prenatal and early childhood manganese exposure on neuromotor function in adolescents. Environmental Research, 2017, 159, 458-465.	3.7	44
211	A spatio-temporal prediction model based on support vector machine regression: Ambient Black Carbon in three New England States. Environmental Research, 2017, 159, 427-434.	3.7	35
212	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.	4.8	36
213	Short-Term Exposure to Ambient Air Pollution and Biomarkers of Systemic Inflammation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 1793-1800.	1.1	109
214	Prenatal particulate air pollution exposure and body composition in urban preschool children: Examining sensitive windows and sex-specific associations. Environmental Research, 2017, 158, 798-805.	3.7	56
215	Prenatal particulate matter exposure and wheeze in Mexican children. Annals of Allergy, Asthma and Immunology, 2017, 119, 232-237.e1.	0.5	41
216	Prenatal Nitrate Exposure and Childhood Asthma. Influence of Maternal Prenatal Stress and Fetal Sex. American Journal of Respiratory and Critical Care Medicine, 2017, 196, 1396-1403.	2.5	52

#	Article	IF	Citations
217	Erectile dysfunction and exposure to ambient air pollution in a nationally representative cohort of older men. Environmental Health, 2017, 16, 12.	1.7	20
218	Inhaled ambient-level traffic-derived particulates decrease cardiac vagal influence and baroreflexes and increase arrhythmia in a rat model of metabolic syndrome. Particle and Fibre Toxicology, 2017, 14, 16.	2.8	23
219	Identifying sensitive windows for prenatal particulate air pollution exposure and mitochondrial DNA content in cord blood. Environment International, 2017, 98, 198-203.	4.8	56
220	A novel calibration approach using satellite and visibility observations to estimate fine particulate matter exposures in Southwest Asia and Afghanistan. Journal of the Air and Waste Management Association, 2017, 67, 86-95.	0.9	7
221	Developing particle emission inventories using remote sensing (PEIRS). Journal of the Air and Waste Management Association, 2017, 67, 53-63.	0.9	4
222	The impact of working in a green certified building on cognitive function and health. Building and Environment, 2017, 114, 178-186.	3.0	148
223	Maternal stress modifies the effect of exposure to lead during pregnancy and 24-month old children's neurodevelopment. Environment International, 2017, 98, 191-197.	4.8	56
224	Trends and spatial patterns of fine-resolution aerosol optical depthâ€“derived PM2.5 emissions in the Northeast United States from 2002 to 2013. Journal of the Air and Waste Management Association, 2017, 67, 64-74.	0.9	10
225	Potential for Bias When Estimating Critical Windows for Air Pollution in Childrenâ€™s Health. American Journal of Epidemiology, 2017, 186, 1281-1289.	1.6	162
226	Urinary Concentrations of Insecticide and Herbicide Metabolites among Pregnant Women in Rural Ghana: A Pilot Study. International Journal of Environmental Research and Public Health, 2017, 14, 354.	1.2	11
227	Symptoms related to new flight attendant uniforms. BMC Public Health, 2017, 17, 972.	1.2	0
228	Bayesian distributed lag interaction models to identify perinatal windows of vulnerability in childrenâ€™s health. Biostatistics, 2017, 18, 537-552.	0.9	54
229	Personal Care Product Use in Men and Urinary Concentrations of Select Phthalate Metabolites and Parabens: Results from the Environment And Reproductive Health (EARTH) Study. Environmental Health Perspectives, 2017, 125, 087012.	2.8	77
230	Maternal and Cord Blood Manganese Concentrations and Early Childhood Neurodevelopment among Residents near a Mining-Impacted Superfund Site. Environmental Health Perspectives, 2017, 125, 067020.	2.8	66
231	The Joint Effect of Prenatal Exposure to Metal Mixtures on Neurodevelopmental Outcomes at 20â€“40 Months of Age: Evidence from Rural Bangladesh. Environmental Health Perspectives, 2017, 125, 067015.	2.8	223
232	Quantifying underreporting of law-enforcement-related deaths in United States vital statistics and news-media-based data sources: A captureâ€“recapture analysis. PLoS Medicine, 2017, 14, e1002399.	3.9	73
233	Sex-specific risk factors for childhood wheeze and longitudinal phenotypes of wheeze. Journal of Allergy and Clinical Immunology, 2016, 138, 1561-1568.e6.	1.5	41
234	Shortâ€Term Exposure to Air Pollution and Biomarkers of Oxidative Stress: The Framingham Heart Study. Journal of the American Heart Association, 2016, 5, .	1.6	109

#	Article	IF	Citations
235	A crossoverâ€“crossback prospective study of dibutyl-phthalate exposure from mesalamine medications and semen quality in men with inflammatory bowel disease. Environment International, 2016, 95, 120-130.	4.8	36
236	Cognitive function and short-term exposure to residential air temperature: A repeated measures study based on spatiotemporal estimates of temperature. Environmental Research, 2016, 150, 446-451.	3.7	35
237	Residential Proximity to Major Roads, Exposure to Fine Particulate Matter, and Coronary Artery Calcium. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 1679-1685.	1.1	32
238	Distributional changes in gene-specific methylation associated with temperature. Environmental Research, 2016, 150, 38-46.	3.7	14
239	Toddler temperament and prenatal exposure to lead and maternal depression. Environmental Health, 2016, 15, 71.	1.7	38
240	Estimating causal contrasts involving intermediate variables in the presence of selection bias. Statistics in Medicine, 2016, 35, 4779-4793.	0.8	9
241	Residential proximity to major roadways, fine particulate matter, and adiposity: The framingham heart study. Obesity, 2016, 24, 2593-2599.	1.5	55
242	Marginalized Zero-Altered Models for Longitudinal Count Data. Statistics in Biosciences, 2016, 8, 181-203.	0.6	2
243	Statistical evaluation of biogeochemical variables affecting spatiotemporal distributions of multiple free metal ion concentrations in an urban estuary. Chemosphere, 2016, 150, 202-210.	4.2	3
244	Longitudinal associations of age and prenatal lead exposure on cortisol secretion of 12â€“24 month-old infants from Mexico City. Environmental Health, 2016, 15, 41.	1.7	18
245	The Role of Stage at Diagnosis in Colorectal Cancer Blackâ€“White Survival Disparities: A Counterfactual Causal Inference Approach. Cancer Epidemiology Biomarkers and Prevention, 2016, 25, 83-89.	1.1	40
246	Prenatal and childhood traffic-related air pollution exposure and childhood executive function and behavior. Neurotoxicology and Teratology, 2016, 57, 60-70.	1.2	65
247	Spatial measurement error and correction by spatial SIMEX in linear regression models when using predicted air pollution exposures. Biostatistics, 2016, 17, 377-389.	0.9	34
248	Prenatal particulate air pollution and neurodevelopment in urban children: Examining sensitive windows and sex-specific associations. Environment International, 2016, 87, 56-65.	4.8	190
249	Prenatal and postnatal stress and asthma in children: Temporal- and sex-specific associations. Journal of Allergy and Clinical Immunology, 2016, 138, 740-747.e3.	1.5	79
250	Fine particles, genetic pathways, and markers of inflammation and endothelial dysfunction: Analysis on particulate species and sources. Journal of Exposure Science and Environmental Epidemiology, 2016, 26, 415-421.	1.8	41
251	Lifetime exposure to traumatic and other stressful life events and hair cortisol in a multi-racial/ethnic sample of pregnant women. Stress, 2016, 19, 45-52.	0.8	63
252	Acute effect of fine particulate matter on mortality in three Southeastern states from 2007â€“2011. Journal of Exposure Science and Environmental Epidemiology, 2016, 26, 173-179.	1.8	30

#	Article	IF	Citations
253	Spatiotemporal prediction of fine particulate matter using high-resolution satellite images in the Southeastern US 2003â€“2011. Journal of Exposure Science and Environmental Epidemiology, 2016, 26, 377-384.	1.8	78
254	Ambient air pollution, lung function, and airway responsiveness in asthmatic children. Journal of Allergy and Clinical Immunology, 2016, 137, 390-399.	1.5	119
255	Outdoor air pollution and health effects in urban children with moderate to severe asthma. Air Quality, Atmosphere and Health, 2016, 9, 251-263.	1.5	30
256	Air pollution influences on exhaled nitric oxide among people with type II diabetes. Air Quality, Atmosphere and Health, 2016, 9, 265-273.	1.5	10
257	Ambient particulate matter and microRNAs in extracellular vesicles: a pilot study of older individuals. Particle and Fibre Toxicology, 2015, 13, 13.	2.8	96
258	Why history matters for quantitative target setting: Long-term trends in socioeconomic and racial/ethnic inequities in US infant death rates (1960â€“2010). Journal of Public Health Policy, 2015, 36, 287-303.	1.0	2
259	School Endotoxin Exposure and Asthma Morbidity in Inner-city Children. Chest, 2015, 148, 1251-1258.	0.4	52
260	Exposure to sub-chronic and long-term particulate air pollution and heart rate variability in an elderly cohort: the Normative Aging Study. Environmental Health, 2015, 14, 87.	1.7	45
261	Genderâ€•and ageâ€•specific risk factors for wheeze from birth through adolescence. Pediatric Pulmonology, 2015, 50, 955-962.	1.0	28
262	The impact of weather changes on air quality and health in the United States in 1994â€“2012. Environmental Research Letters, 2015, 10, 084009.	2.2	62
263	Bayesian functionâ€•onâ€•function regression for multilevel functional data. Biometrics, 2015, 71, 563-574.	0.8	42
264	Ambient Temperature and Cerebrovascular Hemodynamics in the Elderly. PLoS ONE, 2015, 10, e0134034.	1.1	8
265	Associations between Prenatal Exposure to Black Carbon and Memory Domains in Urban Children: Modification by Sex and Prenatal Stress. PLoS ONE, 2015, 10, e0142492.	1.1	55
266	Associations between air pollution and perceived stress: the Veterans Administration Normative Aging Study. Environmental Health, 2015, 14, 10.	1.7	65
267	Associations between prenatal traffic-related air pollution exposure and birth weight: Modification by sex and maternal pre-pregnancy body mass index. Environmental Research, 2015, 137, 268-277.	3.7	95
268	The effect of oxidative stress polymorphisms on the association between long-term black carbon exposure and lung function among elderly men. Thorax, 2015, 70, 133-137.	2.7	18
269	Black carbon exposure, socioeconomic and racial/ethnic spatial polarization, and the Index of Concentration at the Extremes (ICE). Health and Place, 2015, 34, 215-228.	1.5	55
270	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.	4.6	165

#	Article	IF	Citations
271	Endotoxin and Î²-1,3- <scp>d</scp> -Glucan in Concentrated Ambient Particles Induce Rapid Increase in Blood Pressure in Controlled Human Exposures. Hypertension, 2015, 66, 509-516.	1.3	37
272	Prenatal Particulate Air Pollution and Asthma Onset in Urban Children. Identifying Sensitive Windows and Sex Differences. American Journal of Respiratory and Critical Care Medicine, 2015, 192, 1052-1059.	2.5	248
273	Mercury and psychosocial stress exposure interact to predict maternal diurnal cortisol during pregnancy. Environmental Health, 2015, 14, 28.	1.7	22
274	Exposure to traffic and early life respiratory infection: A cohort study. Pediatric Pulmonology, 2015, 50, 252-259.	1.0	31
275	Prenatal Exposure to Traffic Pollution. Epidemiology, 2015, 26, 43-50.	1.2	110
276	Estimating daily PM 2.5 and PM 10 across the complex geo-climate region of Israel using MAIAC satellite-based AOD data. Atmospheric Environment, 2015, 122, 409-416.	1.9	130
277	Bayesian kernel machine regression for estimating the health effects of multi-pollutant mixtures. Biostatistics, 2015, 16, 493-508.	0.9	878
278	Spatial social polarisation: using the Index of Concentration at the Extremes jointly for income and race/ethnicity to analyse risk of hypertension. Journal of Epidemiology and Community Health, 2015, 69, 1199-1207.	2.0	78
279	Residential proximity to major roadways and incident hypertension in post-menopausal women. Environmental Research, 2015, 142, 522-528.	3.7	35
280	Consequences of kriging and land use regression for PM2.5 predictions in epidemiologic analyses: insights into spatial variability using high-resolution satellite data. Journal of Exposure Science and Environmental Epidemiology, 2015, 25, 138-144.	1.8	62
281	The impact of nitrogen oxides concentration decreases on ozone trends in the USA. Air Quality, Atmosphere and Health, 2015, 8, 283-292.	1.5	82
282	Ozone trends and their relationship to characteristic weather patterns. Journal of Exposure Science and Environmental Epidemiology, 2015, 25, 532-542.	1.8	21
283	Associations between Changes in City and Address Specific Temperature and QT Interval - The VA Normative Aging Study. PLoS ONE, 2014, 9, e106258.	1.1	14
284	Effects of prenatal social stress and maternal dietary fatty acid ratio on infant temperament: Does race matter?. Epidemiology (Sunnyvale, Calif), 2014, 04, .	0.3	16
285	Sources of indoor air pollution in New York City residences of asthmatic children. Journal of Exposure Science and Environmental Epidemiology, 2014, 24, 269-278.	1.8	109
286	The impact of source contribution uncertainty on the effects of source-specific PM2.5 on hospital admissions: A case study in Boston, MA. Journal of Exposure Science and Environmental Epidemiology, 2014, 24, 365-371.	1.8	44
287	Air pollution and gene-specific methylation in the Normative Aging Study. Epigenetics, 2014, 9, 448-458.	1.3	159
288	Chemical mixtures and children's health. Current Opinion in Pediatrics, 2014, 26, 223-229.	1.0	119

#	Article	IF	Citations
289	Black carbon exposure more strongly associated with census tract poverty compared to household income among US black, white, and Latino working class adults in Boston, MA (2003â€“2010). Environmental Pollution, 2014, 190, 36-42.	3.7	12
290	Variable importance in matched case-control studies in settings of high dimensional data. Journal of the Royal Statistical Society Series C: Applied Statistics, 2014, 63, 639-655.	0.5	13
291	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.	1.9	259
292	Health effects of multi-pollutant profiles. Environment International, 2014, 71, 13-19.	4.8	67
293	The effects of PM2.5 and its components from indoor and outdoor sources on cough and wheeze symptoms in asthmatic children. Journal of Exposure Science and Environmental Epidemiology, 2014, 24, 380-387.	1.8	106
294	Effects of prenatal community violence and ambient air pollution on childhood wheeze in an urban population. Journal of Allergy and Clinical Immunology, 2014, 133, 713-722.e4.	1.5	78
295	Predicting spatiotemporal mean air temperature using MODIS satellite surface temperature measurements across the Northeastern USA. Remote Sensing of Environment, 2014, 150, 132-139.	4.6	146
296	Assessment of primary and secondary ambient particle trends using satellite aerosol optical depth and ground speciation data in the New England region, United States. Environmental Research, 2014, 133, 103-110.	3.7	20
297	Nonlinear predictive latent process models for integrating spatio-temporal exposure data from multiple sources. Annals of Applied Statistics, 2014, 8, 1538-1560.	0.5	7
298	Short Term Effects of Particle Exposure on Hospital Admissions in the Mid-Atlantic States: A Population Estimate. PLoS ONE, 2014, 9, e88578.	1.1	87
299	A Novel Genetic Score Approach Using Instruments to Investigate Interactions between Pathways and Environment: Application to Air Pollution. PLoS ONE, 2014, 9, e96000.	1.1	30
300	Effects of fresh and aged vehicular particulate emissions on blood pressure in normal adult male rats. Air Quality, Atmosphere and Health, 2013, 6, 407-418.	1.5	9
301	A framework to spatially cluster air pollution monitoring sites in US based on the PM2.5 composition. Environment International, 2013, 59, 244-254.	4.8	85
302	Long-term Exposure to PM _{2.5} and Incidence of Acute Myocardial Infarction. Environmental Health Perspectives, 2013, 121, 192-196.	2.8	160
303	A Comparison of Marginal and Conditional Models for Captureâ€“Recapture Data with Application to Human Rights Violations Data. Biometrics, 2013, 69, 1022-1032.	0.8	2
304	Structural equation modeling of parasympathetic and sympathetic response to traffic air pollution in a repeated measures study. Environmental Health, 2013, 12, 81.	1.7	12
305	Opposing Effects of Particle Pollution, Ozone, and Ambient Temperature on Arterial Blood Pressure. Environmental Health Perspectives, 2012, 120, 241-246.	2.8	171
306	Residential Black Carbon Exposure and Circulating Markers of Systemic Inflammation in Elderly Males: The Normative Aging Study. Environmental Health Perspectives, 2012, 120, 674-680.	2.8	32

#	Article	IF	Citations
307	Ambient Air Pollution and the Risk of Acute Ischemic Stroke. Archives of Internal Medicine, 2012, 172, 229.	4.3	279
308	A framework for identifying distinct multipollutant profiles in air pollution data. Environment International, 2012, 45, 112-121.	4.8	60
309	Using new satellite based exposure methods to study the association between pregnancy pm2.5 exposure, premature birth and birth weight in Massachusetts. Environmental Health, 2012, 11, 40.	1.7	143
310	Use of satellite-based aerosol optical depth and spatial clustering to predict ambient PM2.5 concentrations. Environmental Research, 2012, 118, 8-15.	3.7	97
311	Acute and Chronic Effects of Particles on Hospital Admissions in New-England. PLoS ONE, 2012, 7, e34664.	1.1	143
312	A Geostatistical Approach to Largeâ€Scale Disease Mapping with Temporal Misalignment. Biometrics, 2012, 68, 849-858.	0.8	6
313	Effects of Fresh and Aged Vehicular Particulate Emissions on Blood Pressure in Normal Adult Male Rats. FASEB Journal, 2012, 26, 684.25.	0.2	0
314	The toxicological evaluation of realistic emissions of source aerosols study: statistical methods. Inhalation Toxicology, 2011, 23, 31-41.	0.8	8
315	A Random Intercepts-Functional Slopes Model for Flexible Assessment of Susceptibility in Longitudinal Designs. Biometrics, 2011, 67, 486-494.	0.8	2
316	Assessing temporally and spatially resolved PM2.5 exposures for epidemiological studies using satellite aerosol optical depth measurements. Atmospheric Environment, 2011, 45, 6267-6275.	1.9	303
317	Impact of source collinearity in simulated PM2.5 data on the PMF receptor model solution. Atmospheric Environment, 2011, 45, 6938-6946.	1.9	28
318	Multiplicative factor analysis with a latent mixed model structure for air pollution exposure assessment. Environmetrics, 2011, 22, 165-178.	0.6	13
319	Toxicological Evaluation of Realistic Emission Source Aerosols (TERESA)â€"Power plant studies: assessment of breathing pattern. Inhalation Toxicology, 2011, 23, 42-59.	0.8	28
320	Cardiac and pulmonary oxidative stress in rats exposed to realistic emissions of source aerosols. Inhalation Toxicology, 2011, 23, 75-83.	0.8	28
321	Electrocardiographic and respiratory responses to coal-fired power plant emissions in a rat model of acute myocardial infarction: results from the Toxicological Evaluation of Realistic Emissions of Source Aerosols Study. Inhalation Toxicology, 2011, 23, 84-94.	0.8	30
322	Medium-Term Exposure to Traffic-Related Air Pollution and Markers of Inflammation and Endothelial Function. Environmental Health Perspectives, 2011, 119, 481-486.	2.8	84
323	Baseline Repeated Measures from Controlled Human Exposure Studies: Associations between Ambient Air Pollution Exposure and the Systemic Inflammatory Biomarkers IL-6 and Fibrinogen. Environmental Health Perspectives, 2010, 118, 120-124.	2.8	125
324	Annual Ambient Black Carbon Associated with Shorter Telomeres in Elderly Men: Veterans Affairs Normative Aging Study. Environmental Health Perspectives, 2010, 118, 1564-1570.	2.8	119

#	Article	IF	Citations
325	Traffic-Related Air Pollution and QT Interval: Modification by Diabetes, Obesity, and Oxidative Stress Gene Polymorphisms in the Normative Aging Study. Environmental Health Perspectives, 2010, 118, 840-846.	2.8	109
326	Concentrated Ambient Particles Alter Myocardial Blood Flow during Acute Ischemia in Conscious Canines. Environmental Health Perspectives, 2009, 117, 333-337.	2.8	48
327	Air Pollution and Risk of Stroke. Epidemiology, 2009, 20, 137-142.	1.2	72
328	Statistical Methods to Evaluate Health Effects Associated with Major Sources of Air Pollution: A Case-Study of Breathing Patterns During Exposure to Concentrated Boston Air particles. Journal of the Royal Statistical Society Series C: Applied Statistics, 2008, 57, 357-378.	0.5	15
329	An informative Bayesian structural equation model to assess source-specific health effects of air pollution. Biostatistics, 2007, 8, 609-624.	0.9	37
330	Semiparametric latent variable regression models for spatiotemporal modelling of mobile source particles in the greater Boston area. Journal of the Royal Statistical Society Series C: Applied Statistics, 2007, 56, 183-209.	0.5	108
331	A Nonstationary Negative Binomial Time Series With Time-Dependent Covariates. Journal of the American Statistical Association, 2006, 101, 1365-1376.	1.8	8
332	Diabetes, Obesity, and Hypertension May Enhance Associations between AirPollution and Markers of Systemic Inflammation. Environmental Health Perspectives, 2006, 114, 992-998.	2.8	358
333	A functional-based distribution diagnostic for a linear model with correlated outcomes. Biometrika, 2006, 93, 911-926.	1.3	12
334	Ambient Gas Concentrations and Personal Particulate Matter Exposures. Epidemiology, 2005, 16, 385-395.	1.2	193
335	Cholesky Residuals for Assessing Normal Errors in a Linear Model With Correlated Outcomes. Journal of the American Statistical Association, 2004, 99, 383-394.	1.8	33
336	Validation of Multiangle Imaging Spectroradiometer (MISR) aerosol optical thickness measurements using Aerosol Robotic Network (AERONET) observations over the contiguous United States. Journal of Geophysical Research, 2004, 109, n/a-n/a.	3.3	68
337	A Bayesian hierarchical model for risk assessment of methylmercury. Journal of Agricultural, Biological, and Environmental Statistics, 2003, 8, 253-270.	0.7	14
338	Use of receiver operating characteristic curves to evaluate sediment quality guidelines for metals. Environmental Toxicology and Chemistry, 2003, 22, 1642-1648.	2.2	39
339	Generalized log-linear models with random effects, with application to smoothing contingency tables. Statistical Modelling, 2003, 3, 251-271.	0.5	5
340	The analysis of contingency tables under inequality constraints. Journal of Statistical Planning and Inference, 2002, 107, 45-73.	0.4	53
341	Respiratory health and air pollution: additive mixed model analyses. Biostatistics, 2001, 2, 337-349.	0.9	35
342	Simple Incorporation of Interactions into Additive Models. Biometrics, 2001, 57, 539-545.	0.8	66

#	Article	IF	Citations
343	The Authors Replied as Follows:. Biometrics, 2001, 57, 1263-1264.	0.8	0
344	Crossed Random Effect Models for Multiple Outcomes in a Study of Teratogenesis. Journal of the American Statistical Association, 2001, 96, 1194-1204.	1.8	20
345	Random Effects Modeling of Multiple Binomial Responses Using the Multivariate Binomial Logit-Normal Distribution. Biometrics, 2000, 56, 73-80.	0.8	54
346	Semiparametric Analyses of Cross-over Data with Repeated Measures. Journal of Agricultural, Biological, and Environmental Statistics, 2000, 5, 417.	0.7	2
347	The Use of Mixed Logit Models to Reflect Heterogeneity in Capture-Recapture Studies. Biometrics, 1999, 55, 294-301.	0.8	162
348	An empirical comparison of inference using order-restricted and linear logit models for a binary response. Communications in Statistics Part B: Simulation and Computation, 1998, 27, 147-166.	0.6	5
349	Approximate is Better than â€œExactâ€•for Interval Estimation of Binomial Proportions. American Statistician, 1998, 52, 119-126.	0.9	1,532