

# Paul D Sampson

## List of Publications by Year in descending order

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Version: 2024-02-01

66  
papers

5,928  
citations

136740

32  
h-index

114278

63  
g-index

67  
all docs

67  
docs citations

67  
times ranked

5037  
citing authors

#	ARTICLE	IF	CITATIONS
1	Incidence of fetal alcohol syndrome and prevalence of alcohol-related neurodevelopmental disorder. <i>Teratology</i> , 1997, 56, 317-326.	1.8	706
2	Nonparametric Estimation of Nonstationary Spatial Covariance Structure. <i>Journal of the American Statistical Association</i> , 1992, 87, 108-119.	1.8	554
3	Moderate Prenatal Alcohol Exposure: Effects on Child IQ and Learning Problems at Age 7 1/2 Years. <i>Alcoholism: Clinical and Experimental Research</i> , 1990, 14, 662-669.	1.4	478
4	Association between air pollution and coronary artery calcification within six metropolitan areas in the USA (the Multi-Ethnic Study of Atherosclerosis and Air Pollution): a longitudinal cohort study. <i>Lancet, The</i> , 2016, 388, 696-704.	6.3	404
5	Maternal Drinking During Pregnancy: Attention and Short-Term Memory in 14-Year-Old Offspring-A Longitudinal Prospective Study. <i>Alcoholism: Clinical and Experimental Research</i> , 1994, 18, 202-218.	1.4	312
6	Association Between Long-term Exposure to Ambient Air Pollution and Change in Quantitatively Assessed Emphysema and Lung Function. <i>JAMA - Journal of the American Medical Association</i> , 2019, 322, 546.	3.8	236
7	Measuring interrater reliability among multiple raters: An example of methods for nominal data. <i>Statistics in Medicine</i> , 1990, 9, 1103-1115.	0.8	209
8	A regionalized national universal kriging model using Partial Least Squares regression for estimating annual PM2.5 concentrations in epidemiology. <i>Atmospheric Environment</i> , 2013, 75, 383-392.	1.9	174
9	Drinking During Pregnancy Decreases Word Attack and Arithmetic Scores on Standardized Tests: Adolescent Data From a Population-Based Prospective Study. <i>Alcoholism: Clinical and Experimental Research</i> , 1994, 18, 248-254.	1.4	165
10	Neuropsychological Deficits in Adolescents with Fetal Alcohol Syndrome: Clinical Findings. <i>Alcoholism: Clinical and Experimental Research</i> , 1998, 22, 1998-2012.	1.4	163
11	A Unified Spatiotemporal Modeling Approach for Predicting Concentrations of Multiple Air Pollutants in the Multi-Ethnic Study of Atherosclerosis and Air Pollution. <i>Environmental Health Perspectives</i> , 2015, 123, 301-309.	2.8	146
12	Satellite-Based NO <sub>2</sub> and Model Validation in a National Prediction Model Based on Universal Kriging and Land-Use Regression. <i>Environmental Science &amp; Technology</i> , 2016, 50, 3686-3694.	4.6	136
13	Geometric morphometrics of corpus callosum and subcortical structures in the fetal-alcohol-affected brain. <i>Teratology</i> , 2001, 64, 4-32.	1.8	129
14	Prospective Study of Particulate Air Pollution Exposures, Subclinical Atherosclerosis, and Clinical Cardiovascular Disease: The Multi-Ethnic Study of Atherosclerosis and Air Pollution (MESA Air). <i>American Journal of Epidemiology</i> , 2012, 176, 825-837.	1.6	126
15	Predicting intra-urban variation in air pollution concentrations with complex spatio-temporal dependencies. <i>Environmetrics</i> , 2010, 21, 606-631.	0.6	116
16	A space-time analysis of ground-level ozone data. <i>Environmetrics</i> , 1994, 5, 241-254.	0.6	109
17	Approach to Estimating Participant Pollutant Exposures in the Multi-Ethnic Study of Atherosclerosis and Air Pollution (MESA Air). <i>Environmental Science &amp; Technology</i> , 2009, 43, 4687-4693.	4.6	106
18	A Fetal Alcohol Behavior Scale. <i>Alcoholism: Clinical and Experimental Research</i> , 1998, 22, 325-333.	1.4	105

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19	Pragmatic estimation of a spatio-temporal air quality model with irregular monitoring data. Atmospheric Environment, 2011, 45, 6593-6606.	1.9	99
20	Facial effects of fetal alcohol exposure: Assessment by photographs and morphometric analysis. American Journal of Medical Genetics Part A, 1987, 26, 651-666.	2.4	97
21	Factors Affecting Length of Stay, Readmission, and Revision After Shoulder Arthroplasty. Journal of Bone and Joint Surgery - Series A, 2015, 97, 1255-1263.	1.4	93
22	Nonparametric Estimation of Nonstationary Spatial Covariance Structure. , 0, .		92
23	Statistical Method for Determining and Comparing Limits of Detection of Bioassays. Analytical Chemistry, 2015, 87, 9795-9801.	3.2	89
24	Attention: Prenatal alcohol and continuities of vigilance and attentional problems from 4 through 14 years. Development and Psychopathology, 1995, 7, 419-446.	1.4	85
25	Aspirin and acetaminophen use by pregnant women and subsequent child IQ and attention decrements. Teratology, 1987, 35, 211-219.	1.8	84
26	Bayesian estimation of semi-parametric non-stationary spatial covariance structures. Environmetrics, 2001, 12, 161-178.	0.6	82
27	Combining Land-Use Regression and Chemical Transport Modeling in a Spatiotemporal Geostatistical Model for Ozone and PM <sub>2.5</sub> . Environmental Science & Technology, 2016, 50, 5111-5118.	4.6	81
28	A flexible spatio-temporal model for air pollution with spatial and spatio-temporal covariates. Environmental and Ecological Statistics, 2014, 21, 411-433.	1.9	77
29	Regional PM2.5 and asthma morbidity in an agricultural community: A panel study. Environmental Research, 2015, 136, 505-512.	3.7	69
30	The Long-Term Neurocognitive Consequences of Prenatal Alcohol Exposure: A 14-Year Study. Psychological Science, 1999, 10, 186-190.	1.8	59
31	Individual Differences in Auditory and Visual Attention Among Fetal Alcohol-Affected Adults. Alcoholism: Clinical and Experimental Research, 1999, 23, 1395-1402.	1.4	47
32	Long-Term Exposure to Ambient Ozone and Progression of Subclinical Arterial Disease: The Multi-Ethnic Study of Atherosclerosis and Air Pollution. Environmental Health Perspectives, 2019, 127, 57001.	2.8	42
33	National Particle Component Toxicity (NPACT) initiative report on cardiovascular effects. Research Report (health Effects Institute), 2013, , 5-8.	1.6	33
34	Development of long-term spatiotemporal models for ambient ozone in six metropolitan regions of the United States: The MESA Air study. Atmospheric Environment, 2015, 123, 79-87.	1.9	32
35	Measuring "dose" and "response" with multivariate data using partial least squares techniques. Communications in Statistics - Theory and Methods, 1990, 19, 765-804.	0.6	29
36	Heat exposure and productivity in orchards: Implications for climate change research. Archives of Environmental and Occupational Health, 2017, 72, 313-316.	0.7	25

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37	Influence of tissue composition on the final volume of rat liver blocks prepared for electron microscopy. <i>Journal of Electron Microscopy Technique</i> , 1986, 4, 303-314.	1.1	23
38	A simple non-separable, non-stationary spatiotemporal model for ozone. <i>Environmental and Ecological Statistics</i> , 2009, 16, 515-529.	1.9	23
39	Studying Alcohol Teratogenesis from the Perspective of the Fetal Alcohol Syndrome: Methodological and Statistical Issues. <i>Annals of the New York Academy of Sciences</i> , 1986, 477, 63-86.	1.8	22
40	Publicly available low-cost sensor measurements for PM <sub>2.5</sub> exposure modeling: Guidance for monitor deployment and data selection. <i>Environment International</i> , 2022, 158, 106897.	4.8	22
41	Morphometric analysis of <i>Macaca nemestrina</i> exposed to ethanol during gestation. <i>Teratology</i> , 1988, 38, 411-417.	1.8	20
42	Prediction of fine particulate matter chemical components with a spatio-temporal model for the Multi-Ethnic Study of Atherosclerosis cohort. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2016, 26, 520-528.	1.8	20
43	Variance modeling for nonstationary spatial processes with temporal replications. <i>Journal of Geophysical Research</i> , 2003, 108, n/a-n/a.	3.3	18
44	Use of mobile and passive badge air monitoring data for NO <sub>x</sub> and ozone air pollution spatial exposure prediction models. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2017, 27, 184-192.	1.8	18
45	Randomized trial of a portable HEPA air cleaner intervention to reduce asthma morbidity among Latino children in an agricultural community. <i>Environmental Health</i> , 2022, 21, 1.	1.7	18
46	Statistical models for geometric components of shape change. <i>Communications in Statistics - Theory and Methods</i> , 1990, 19, 1939-1972.	0.6	16
47	Estimated time-varying exposures to air emissions from animal feeding operations and childhood asthma. <i>International Journal of Hygiene and Environmental Health</i> , 2020, 223, 187-198.	2.1	16
48	Associations between heat exposure, vigilance, and balance performance in summer tree fruit harvesters. <i>Applied Ergonomics</i> , 2018, 67, 1-8.	1.7	15
49	Effectiveness of portable HEPA air cleaners on reducing indoor PM <sub>2.5</sub> and NH <sub>3</sub> in an agricultural cohort of children with asthma: A randomized intervention trial. <i>Indoor Air</i> , 2021, 31, 454-466.	2.0	14
50	Maternal Instruction About Jaundice and the Incidence of Acute Bilirubin Encephalopathy in Nigeria. <i>Journal of Pediatrics</i> , 2020, 221, 47-54.e4.	0.9	13
51	Full-Endoscopic Assisted Lumbar Decompressive Surgery Performed in an Outpatient, Ambulatory Facility: Report of 5 Years of Complications and Risk Factors. <i>Pain Physician</i> , 2017, 20, E221-E231.	0.3	13
52	The Measure of "Size" Independent of "Shape" for Multivariate Lognormal Populations. <i>Journal of the American Statistical Association</i> , 1985, 80, 910-914.	1.8	11
53	A Preliminary Statistical Examination of the Effects of Uncertainty and Variability on Environmental Regulatory Criteria for Ozone. <i>Novartis Foundation Symposium</i> , 1999, 220, 122-143.	1.2	9
54	Operational Evaluation of Air Quality Models. <i>Novartis Foundation Symposium</i> , 1999, 220, 33-58.	1.2	8

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55	Power Transformations and Tests of Environmental Impact as Interaction Effects. American Statistician, 1991, 45, 83-89.	0.9	6
56	The home air in agriculture pediatric intervention (HAPI) trial: Rationale and methods. Contemporary Clinical Trials, 2020, 96, 106085.	0.8	6
57	The multi-level heat education and awareness tools [HEAT] intervention study for farmworkers: Rationale and methods. Contemporary Clinical Trials Communications, 2021, 22, 100795.	0.5	6
58	Statistical, Physical, and Computational Aspects of Massive Data Analysis and Assimilation in Atmospheric Applications. Journal of Computational and Graphical Statistics, 1999, 8, 559-574.	0.9	5
59	Longitudinal measures of phthalate exposure and asthma exacerbation in a rural agricultural cohort of Latino children in Yakima Valley, Washington. International Journal of Hygiene and Environmental Health, 2022, 243, 113954.	2.1	4
60	Statistical hypothesis testing formulations for U.S. environmental regulatory standards for ozone. Environmental and Ecological Statistics, 2002, 9, 321-339.	1.9	3
61	Incidence of fetal alcohol syndrome and prevalence of alcohol-related neurodevelopmental disorder. Teratology, 1997, 56, 317-326.	1.8	2
62	Accuracy of an estimated core temperature algorithm for agricultural workers. Archives of Environmental and Occupational Health, 2022, , 1-10.	0.7	2
63	The Effect of Participatory Heat Education on Agricultural Worker Knowledge. Journal of Agromedicine, 2023, 28, 187-198.	0.9	2
64	Incidence of fetal alcohol syndrome and prevalence of alcohol-related neurodevelopmental disorder. , 1997, 56, 317.		1
65	Geometric morphometrics of corpus callosum and subcortical structures in the fetal-alcohol-affected brain. , 2001, 64, 4.		1
66	Modelling Non-Stationary Spatial Covariance Structure from Space-Time Monitoring Data. Novartis Foundation Symposium, 1997, 210, 38-51.	1.2	1