

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	The Effect of Participatory Heat Education on Agricultural Worker Knowledge. <i>Journal of Agromedicine</i> , 2023, 28, 187-198.	0.9	2
2	Publicly available low-cost sensor measurements for PM _{2.5} exposure modeling: Guidance for monitor deployment and data selection. <i>Environment International</i> , 2022, 158, 106897.	4.8	22
3	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
4	Accuracy of an estimated core temperature algorithm for agricultural workers. <i>Archives of Environmental and Occupational Health</i> , 2022, , 1-10.	0.7	2
5	Longitudinal measures of phthalate exposure and asthma exacerbation in a rural agricultural cohort of Latino children in Yakima Valley, Washington. <i>International Journal of Hygiene and Environmental Health</i> , 2022, 243, 113954.	2.1	4
6	Effectiveness of portable HEPA air cleaners on reducing indoor PM _{2.5} and NH ₃ in an agricultural cohort of children with asthma: A randomized intervention trial. <i>Indoor Air</i> , 2021, 31, 454-466.	2.0	14
7	The multi-level heat education and awareness tools [HEAT] intervention study for farmworkers: Rationale and methods. <i>Contemporary Clinical Trials Communications</i> , 2021, 22, 100795.	0.5	6
8	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
9	The home air in agriculture pediatric intervention (HAPI) trial: Rationale and methods. <i>Contemporary Clinical Trials</i> , 2020, 96, 106085.	0.8	6
10	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
11	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
12	Long-Term Exposure to Ambient Ozone and Progression of Subclinical Arterial Disease: The Multi-Ethnic Study of Atherosclerosis and Air Pollution. <i>Environmental Health Perspectives</i> , 2019, 127, 57001.	2.8	42
13	Associations between heat exposure, vigilance, and balance performance in summer tree fruit harvesters. <i>Applied Ergonomics</i> , 2018, 67, 1-8.	1.7	15
14	Use of mobile and passive badge air monitoring data for NO _x and ozone air pollution spatial exposure prediction models. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2017, 27, 184-192.	1.8	18
15	Heat exposure and productivity in orchards: Implications for climate change research. <i>Archives of Environmental and Occupational Health</i> , 2017, 72, 313-316.	0.7	25
16	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
17	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</i> , The, 2016, 388, 696-704.	6.3	404
18	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

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19	Combining Land-Use Regression and Chemical Transport Modeling in a Spatiotemporal Geostatistical Model for Ozone and PM _{2.5} . Environmental Science & Technology, 2016, 50, 5111-5118.	4.6	81
20	Satellite-Based NO ₂ and Model Validation in a National Prediction Model Based on Universal Kriging and Land-Use Regression. Environmental Science & Technology, 2016, 50, 3686-3694.	4.6	136
21	A Unified Spatiotemporal Modeling Approach for Predicting Concentrations of Multiple Air Pollutants in the Multi-Ethnic Study of Atherosclerosis and Air Pollution. Environmental Health Perspectives, 2015, 123, 301-309.	2.8	146
22	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
23	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
24	Statistical Method for Determining and Comparing Limits of Detection of Bioassays. Analytical Chemistry, 2015, 87, 9795-9801.	3.2	89
25	Regional PM _{2.5} and asthma morbidity in an agricultural community: A panel study. Environmental Research, 2015, 136, 505-512.	3.7	69
26	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
27	A regionalized national universal kriging model using Partial Least Squares regression for estimating annual PM _{2.5} concentrations in epidemiology. Atmospheric Environment, 2013, 75, 383-392.	1.9	174
28	National Particle Component Toxicity (NPACT) initiative report on cardiovascular effects. Research Report (health Effects Institute), 2013, , 5-8.	1.6	33
29	Prospective Study of Particulate Air Pollution Exposures, Subclinical Atherosclerosis, and Clinical Cardiovascular Disease: The Multi-Ethnic Study of Atherosclerosis and Air Pollution (MESA Air). American Journal of Epidemiology, 2012, 176, 825-837.	1.6	126
30	Pragmatic estimation of a spatio-temporal air quality model with irregular monitoring data. Atmospheric Environment, 2011, 45, 6593-6606.	1.9	99
31	Predicting intra-urban variation in air pollution concentrations with complex spatio-temporal dependencies. Environmetrics, 2010, 21, 606-631.	0.6	116
32	A simple non-separable, non-stationary spatiotemporal model for ozone. Environmental and Ecological Statistics, 2009, 16, 515-529.	1.9	23
33	Approach to Estimating Participant Pollutant Exposures in the Multi-Ethnic Study of Atherosclerosis and Air Pollution (MESA Air). Environmental Science & Technology, 2009, 43, 4687-4693.	4.6	106
34	Variance modeling for nonstationary spatial processes with temporal replications. Journal of Geophysical Research, 2003, 108, n/a-n/a.	3.3	18
35	Statistical hypothesis testing formulations for U.S. environmental regulatory standards for ozone. Environmental and Ecological Statistics, 2002, 9, 321-339.	1.9	3
36	Geometric morphometrics of corpus callosum and subcortical structures in the fetal-alcohol-affected brain. Teratology, 2001, 64, 4-32.	1.8	129

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37	Bayesian estimation of semi-parametric non-stationary spatial covariance structures. <i>Environmetrics</i> , 2001, 12, 161-178.	0.6	82
38	Geometric morphometrics of corpus callosum and subcortical structures in the fetal-alcohol-affected brain. , 2001, 64, 4.		1
39	The Long-Term Neurocognitive Consequences of Prenatal Alcohol Exposure: A 14-Year Study. <i>Psychological Science</i> , 1999, 10, 186-190.	1.8	59
40	Individual Differences in Auditory and Visual Attention Among Fetal Alcohol-Affected Adults. <i>Alcoholism: Clinical and Experimental Research</i> , 1999, 23, 1395-1402.	1.4	47
41	Statistical, Physical, and Computational Aspects of Massive Data Analysis and Assimilation in Atmospheric Applications. <i>Journal of Computational and Graphical Statistics</i> , 1999, 8, 559-574.	0.9	5
42	Operational Evaluation of Air Quality Models. <i>Novartis Foundation Symposium</i> , 1999, 220, 33-58.	1.2	8
43	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
44	A Fetal Alcohol Behavior Scale. <i>Alcoholism: Clinical and Experimental Research</i> , 1998, 22, 325-333.	1.4	105
45	Neuropsychological Deficits in Adolescents with Fetal Alcohol Syndrome: Clinical Findings. <i>Alcoholism: Clinical and Experimental Research</i> , 1998, 22, 1998-2012.	1.4	163
46	Incidence of fetal alcohol syndrome and prevalence of alcohol-related neurodevelopmental disorder. <i>Teratology</i> , 1997, 56, 317-326.	1.8	706
47	Incidence of fetal alcohol syndrome and prevalence of alcohol-related neurodevelopmental disorder. , 1997, 56, 317.		1
48	Incidence of fetal alcohol syndrome and prevalence of alcohol-related neurodevelopmental disorder. <i>Teratology</i> , 1997, 56, 317-326.	1.8	2
49	Modelling Non-stationary Spatial Covariance Structure from Space-time Monitoring Data. <i>Novartis Foundation Symposium</i> , 1997, 210, 38-51.	1.2	1
50	Attention: Prenatal alcohol and continuities of vigilance and attentional problems from 4 through 14 years. <i>Development and Psychopathology</i> , 1995, 7, 419-446.	1.4	85
51	A space-time analysis of ground-level ozone data. <i>Environmetrics</i> , 1994, 5, 241-254.	0.6	109
52	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
53	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
54	Nonparametric Estimation of Nonstationary Spatial Covariance Structure. <i>Journal of the American Statistical Association</i> , 1992, 87, 108-119.	1.8	554

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55	Power Transformations and Tests of Environmental Impact as Interaction Effects. <i>American Statistician</i> , 1991, 45, 83-89.	0.9	6
56	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
57	Statistical models for geometric components of shape change. <i>Communications in Statistics - Theory and Methods</i> , 1990, 19, 1939-1972.	0.6	16
58	Measuring "dose" and "response" with multivariate data using partial least squares techniques. <i>Communications in Statistics - Theory and Methods</i> , 1990, 19, 765-804.	0.6	29
59	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
60	Morphometric analysis of <i>Macaca nemestrina</i> exposed to ethanol during gestation. <i>Teratology</i> , 1988, 38, 411-417.	1.8	20
61	Facial effects of fetal alcohol exposure: Assessment by photographs and morphometric analysis. <i>American Journal of Medical Genetics Part A</i> , 1987, 26, 651-666.	2.4	97
62	Aspirin and acetaminophen use by pregnant women and subsequent child IQ and attention decrements. <i>Teratology</i> , 1987, 35, 211-219.	1.8	84
63	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
64	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
65	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
66	Nonparametric Estimation of Nonstationary Spatial Covariance Structure. , 0, .		92